

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048132.D
 Acq On : 18 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4380-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM048132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	39	42	53	rVB	54150	88087	0.25%	0.064%
2	3.663	111	115	126	rBV	121637	254185	0.73%	0.186%
3	3.975	163	168	176	rVB	155914	245920	0.70%	0.180%
4	4.663	276	285	296	rVV	102002	190879	0.55%	0.140%
5	5.416	406	413	425	rBV	115261	220197	0.63%	0.161%
6	5.787	464	476	482	rBV	124634	229790	0.66%	0.168%
7	6.457	584	590	596	rBV	63153	105242	0.30%	0.077%
8	6.945	663	673	678	rBV	362071	640747	1.83%	0.468%
9	6.992	678	681	691	rVB	74818	125411	0.36%	0.092%
10	7.098	691	699	706	rBV	893540	1489110	4.25%	1.089%
11	7.304	727	734	742	rBV	1103247	1820284	5.20%	1.331%
12	7.416	747	753	759	rVV	137726	239741	0.68%	0.175%
13	7.492	760	766	773	rVB	70380	119503	0.34%	0.087%
14	7.669	791	796	806	rVB2	90767	148159	0.42%	0.108%
15	7.769	806	813	820	rBV	868947	1434949	4.10%	1.049%
16	7.839	821	825	828	rVV2	53917	99796	0.29%	0.073%
17	7.881	828	832	840	rVV2	121198	248579	0.71%	0.182%
18	8.139	869	876	883	rBV	103969	176562	0.50%	0.129%
19	8.216	883	889	895	rBV	708490	1109267	3.17%	0.811%
20	8.304	895	904	911	rVB	1154607	1906954	5.45%	1.394%
21	8.481	925	934	939	rVV	979524	1693622	4.84%	1.238%
22	8.551	939	946	953	rVV	2587657	4849388	13.86%	3.545%
23	8.610	953	956	960	rVV	72131	121065	0.35%	0.088%
24	8.663	960	965	972	rVB	341970	564509	1.61%	0.413%
25	8.922	1002	1009	1019	rVV2	1083148	2049747	5.86%	1.498%
26	9.010	1019	1024	1029	rVV	77519	141601	0.40%	0.104%
27	9.075	1029	1035	1040	rVV	146983	270312	0.77%	0.198%
28	9.192	1048	1055	1060	rVV2	140415	283124	0.81%	0.207%
29	9.539	1108	1114	1122	rBV	101490	185199	0.53%	0.135%
30	9.645	1125	1132	1141	rBV	885512	1450754	4.15%	1.060%
31	9.745	1142	1149	1152	rBV	1214525	2198007	6.28%	1.607%
32	9.775	1152	1154	1163	rVB	895933	1177508	3.36%	0.861%
33	10.010	1181	1194	1197	rVV4	297108	1020778	2.92%	0.746%
34	10.051	1197	1201	1208	rVV	909229	1503843	4.30%	1.099%
35	10.116	1208	1212	1217	rVV4	62348	120740	0.34%	0.088%
36	10.186	1217	1224	1234	rVV2	1427633	2821526	8.06%	2.063%

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37	10.439	1260	1267	1272	rVV	235146	410130	1.17%	0.300%
38	10.563	1281	1288	1291	rBV	1058883	2050822	5.86%	1.499%
39	10.622	1291	1298	1305	rVV	16557769	34999002	100.00%	25.584%
40	10.698	1305	1311	1313	rVV	665997	1160799	3.32%	0.849%
41	10.728	1313	1316	1332	rVB	958163	1579753	4.51%	1.155%
42	10.922	1344	1349	1354	rBV3	62113	128567	0.37%	0.094%
43	11.104	1375	1380	1385	rVV	54726	90151	0.26%	0.066%
44	11.357	1413	1423	1426	rBV	124277	262607	0.75%	0.192%
45	11.398	1426	1430	1439	rVV2	158699	336578	0.96%	0.246%
46	11.586	1457	1462	1467	rVB2	57297	91910	0.26%	0.067%
47	11.645	1467	1472	1484	rVB4	71393	208664	0.60%	0.153%
48	11.751	1484	1490	1498	rBV	127255	265672	0.76%	0.194%
49	12.051	1530	1541	1547	rBV4	54247	204952	0.59%	0.150%
50	12.222	1563	1570	1582	rVB	1163007	1864098	5.33%	1.363%
51	12.351	1585	1592	1600	rBV	511235	967604	2.76%	0.707%
52	12.439	1601	1607	1616	rVB	762056	1240695	3.54%	0.907%
53	12.804	1664	1669	1683	rVB6	63221	174306	0.50%	0.127%
54	12.945	1688	1693	1696	rVV5	77435	160524	0.46%	0.117%
55	12.986	1696	1700	1711	rVB2	136905	259595	0.74%	0.190%
56	13.169	1722	1731	1737	rBV7	59090	202097	0.58%	0.148%
57	13.239	1738	1743	1753	rVV2	211793	466208	1.33%	0.341%
58	13.563	1794	1798	1800	rBV3	65073	90839	0.26%	0.066%
59	13.721	1819	1825	1831	rVV2	179938	440514	1.26%	0.322%
60	13.816	1832	1841	1849	rVB	2066659	3047971	8.71%	2.228%
61	13.951	1858	1864	1869	rBV3	178158	322356	0.92%	0.236%
62	14.051	1875	1881	1883	rBV3	52142	111598	0.32%	0.082%
63	14.098	1883	1889	1892	rBV	2563268	4186976	11.96%	3.061%
64	14.216	1905	1909	1915	rVB4	58103	93896	0.27%	0.069%
65	14.404	1934	1941	1947	rBV	1677028	2522372	7.21%	1.844%
66	14.468	1947	1952	1958	rVB	522109	741137	2.12%	0.542%
67	14.539	1959	1964	1969	rBV	243418	384581	1.10%	0.281%
68	14.598	1969	1974	1976	rVV	223205	340488	0.97%	0.249%
69	14.627	1976	1979	1983	rVV	255691	443876	1.27%	0.324%
70	14.680	1983	1988	1998	rVB2	661328	1172698	3.35%	0.857%
71	14.804	2004	2009	2017	rVB	563584	916909	2.62%	0.670%
72	14.927	2026	2030	2038	rVB2	161665	256796	0.73%	0.188%
73	15.398	2104	2110	2115	rBV	3258754	4703190	13.44%	3.438%
74	15.451	2115	2119	2125	rVB	737819	1067281	3.05%	0.780%
75	15.521	2125	2131	2137	rBV	1008015	1501050	4.29%	1.097%
76	15.962	2202	2206	2215	rBV	150576	257014	0.73%	0.188%

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77	16.098	2225	2229	2231	rBV2	117480	192917	0.55%	0.141%
78	16.139	2231	2236	2246	rVB2	383283	786320	2.25%	0.575%
79	16.251	2251	2255	2261	rBV	237245	364834	1.04%	0.267%
80	16.333	2265	2269	2274	rBV3	166564	222382	0.64%	0.163%
81	16.404	2275	2281	2292	rVV2	515280	982006	2.81%	0.718%
82	16.774	2341	2344	2346	rBV	87590	95175	0.27%	0.070%
83	16.933	2368	2371	2374	rVB	100674	119633	0.34%	0.087%
84	17.145	2400	2407	2411	rBV	1972652	2930223	8.37%	2.142%
85	17.186	2411	2414	2418	rVV	751495	929368	2.66%	0.679%
86	17.245	2418	2424	2430	rVV	3368190	4771124	13.63%	3.488%
87	17.345	2437	2441	2445	rVB	278231	381301	1.09%	0.279%
88	17.551	2466	2476	2482	rBV	1703708	2961161	8.46%	2.165%
89	17.645	2487	2492	2498	rVV2	326223	576751	1.65%	0.422%
90	17.709	2499	2503	2511	rVB	350758	608377	1.74%	0.445%
91	18.045	2556	2560	2565	rBV2	170906	311947	0.89%	0.228%
92	18.145	2573	2577	2579	rBV	145105	224275	0.64%	0.164%
93	18.762	2680	2682	2687	rVB2	134856	153157	0.44%	0.112%
94	19.533	2808	2813	2819	rBV	4040662	5460646	15.60%	3.992%
95	20.839	3032	3035	3040	rBV4	209316	277001	0.79%	0.202%
96	20.892	3041	3044	3050	rVB6	211243	281638	0.80%	0.206%
97	21.021	3062	3066	3077	rVB	1383834	1977293	5.65%	1.445%
98	21.368	3120	3125	3133	rVB	1949791	2831820	8.09%	2.070%
99	24.150	3589	3598	3609	rVB	2172914	5368989	15.34%	3.925%
100	24.350	3625	3632	3642	rVB	1146480	2921028	8.35%	2.135%

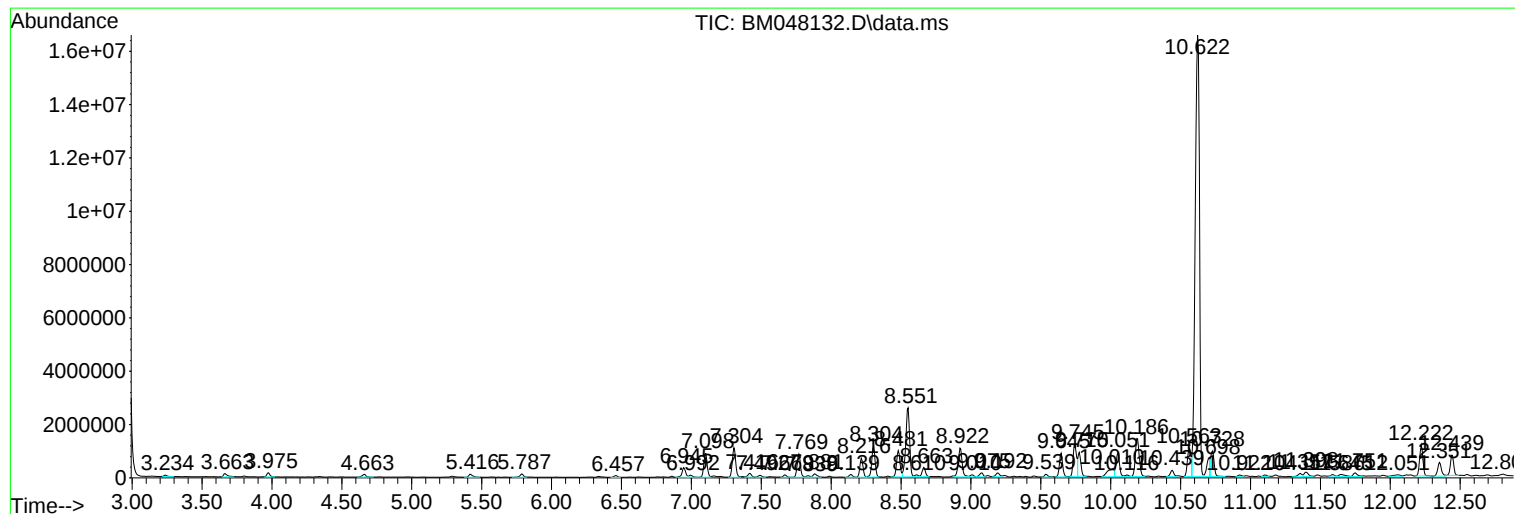
Sum of corrected areas: 136800727

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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E27G9

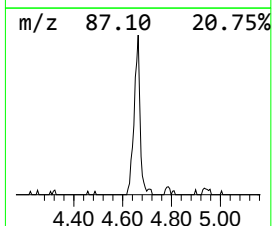
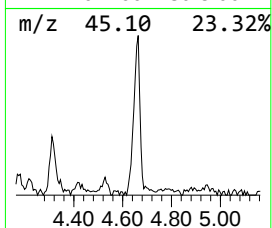
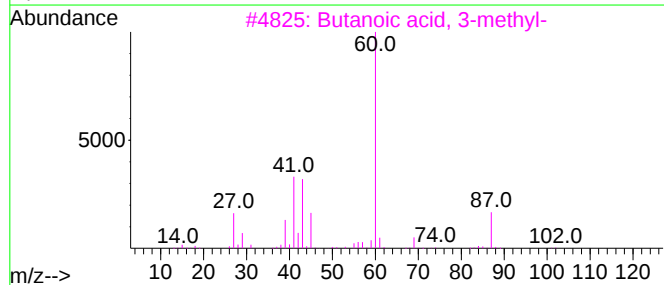
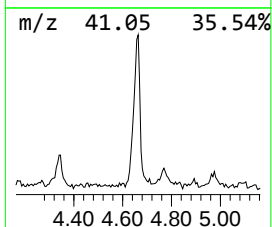
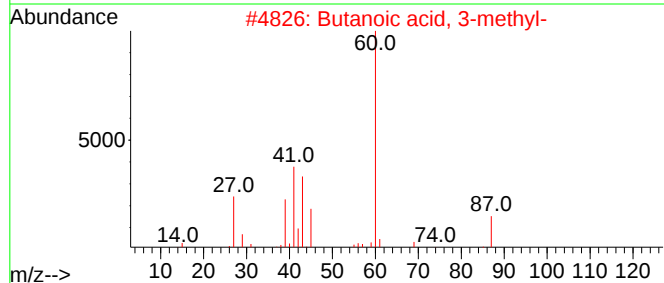
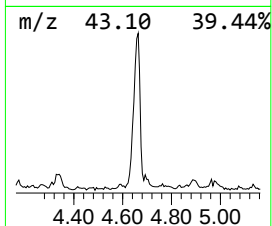
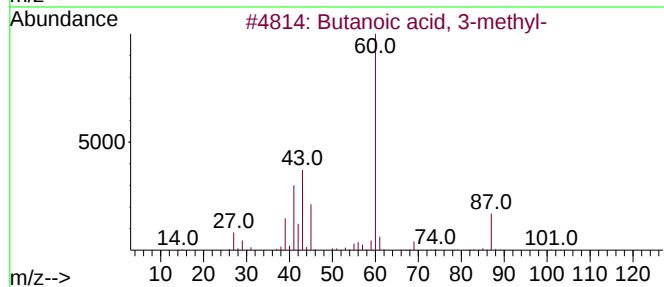
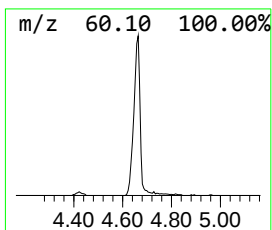
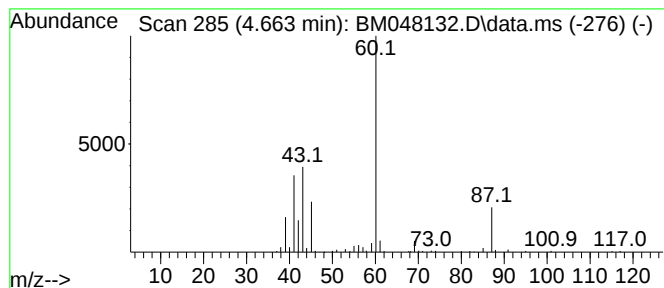
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	2.66 ng/ul	190879	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
4			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
5			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64



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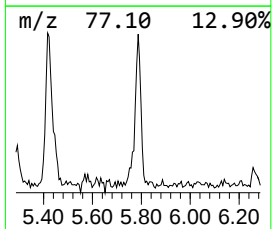
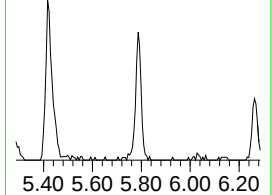
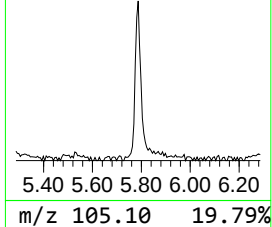
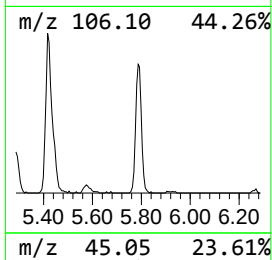
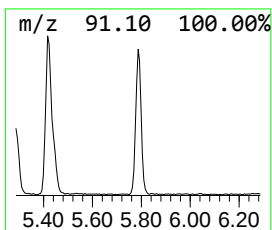
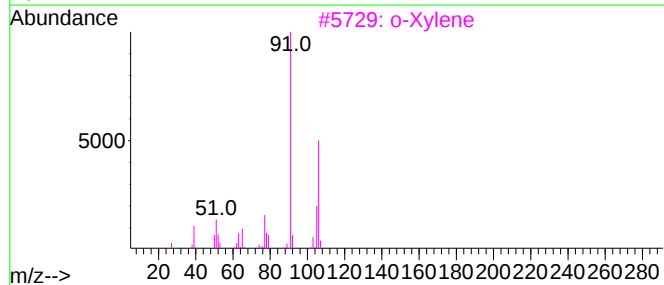
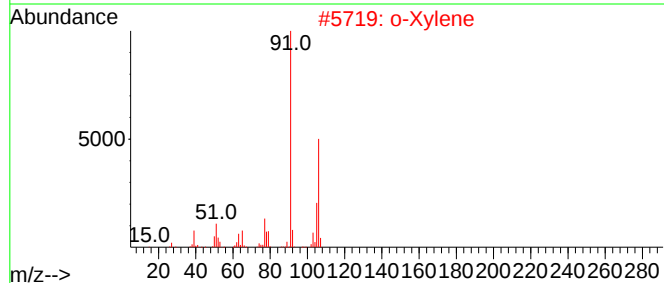
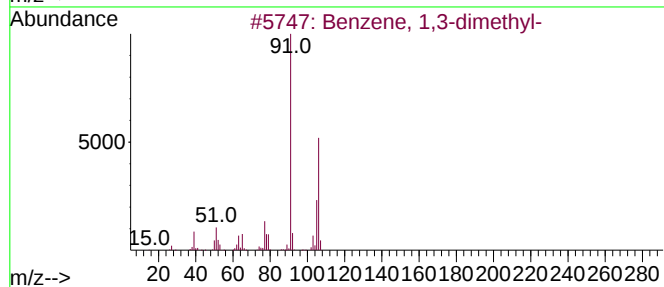
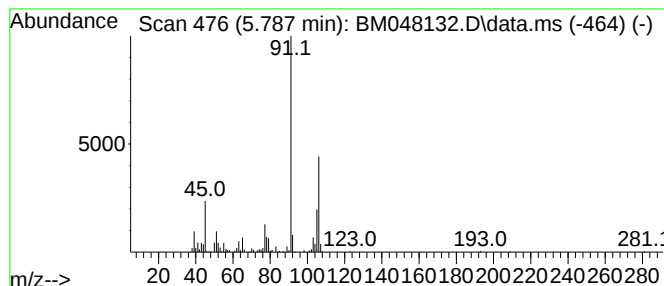
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	3.20 ng/ul	229790	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2			o-Xylene	106	C8H10	000095-47-6	95
3			o-Xylene	106	C8H10	000095-47-6	94
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5			o-Xylene	106	C8H10	000095-47-6	94



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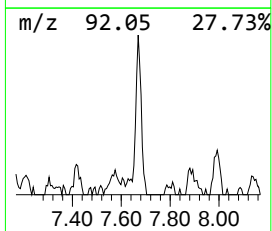
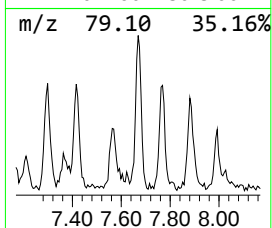
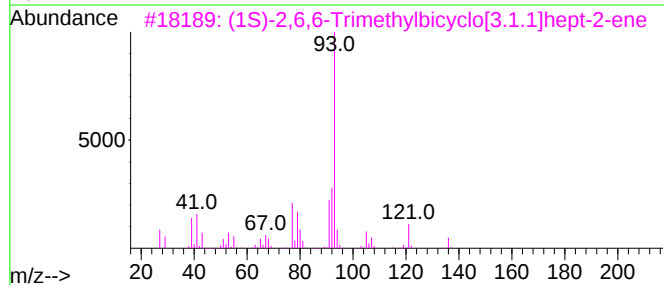
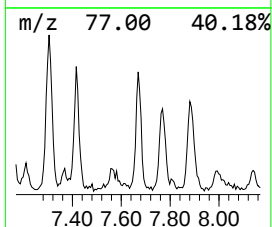
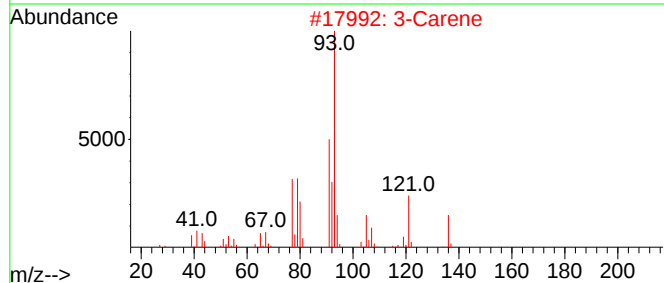
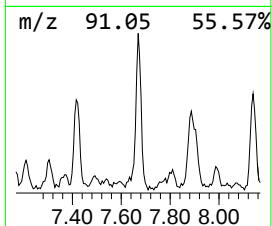
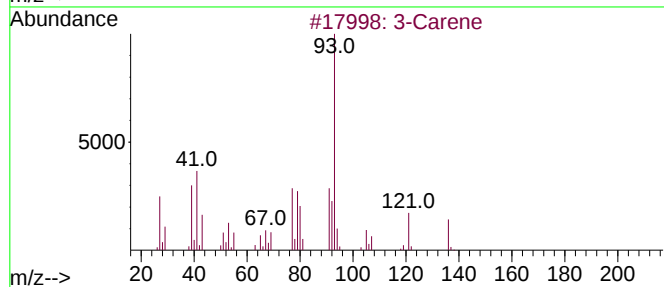
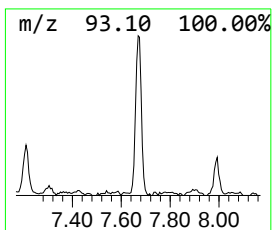
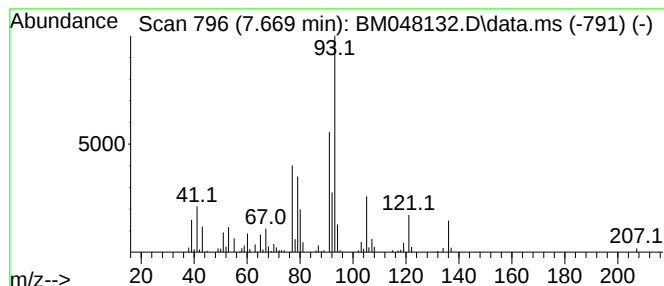
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Carene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.669	2.07 ng/ul	148159	1,4-Dichlorobenzene-d4	7.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	94
2	3-Carene	136	C10H16	013466-78-9	93
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	93
4	.alpha.-Phellandrene	136	C10H16	000099-83-2	92
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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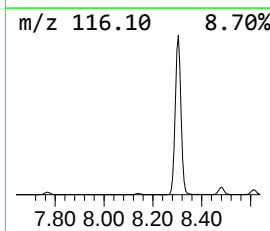
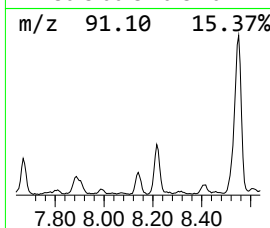
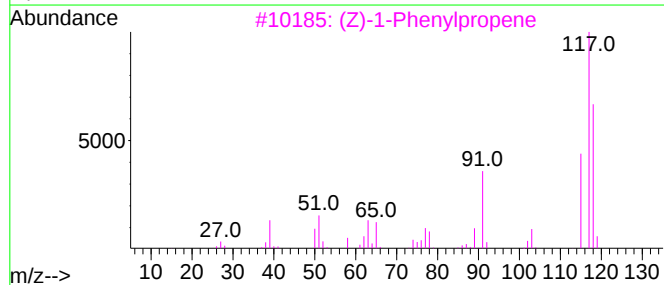
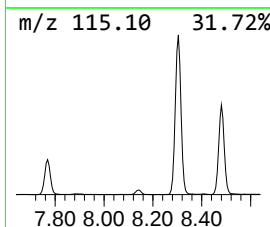
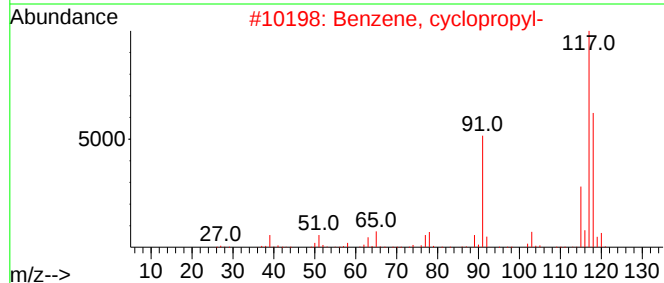
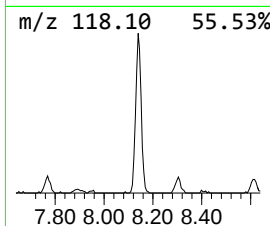
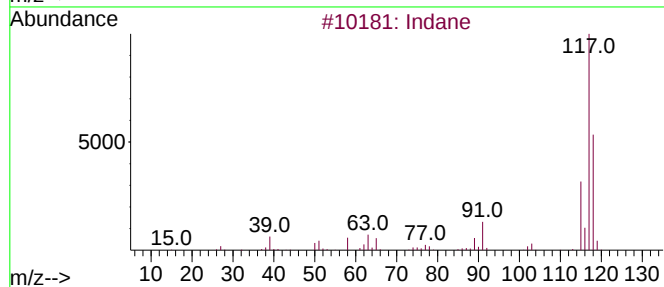
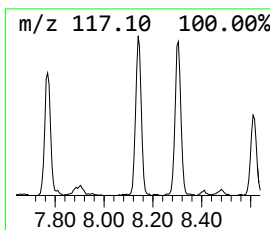
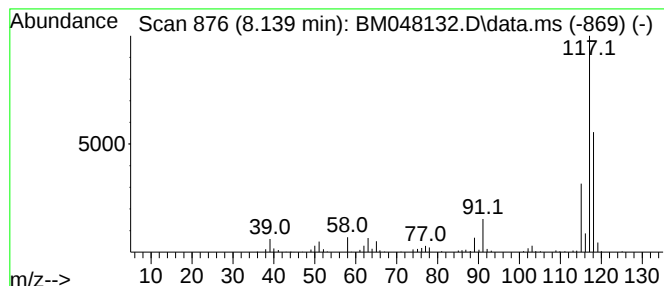
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.139	2.46 ng/ul	176562	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5			Deltacyclene	118	C9H10	007785-10-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
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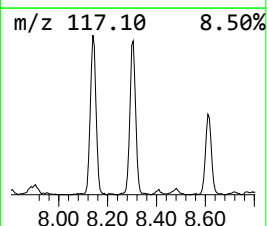
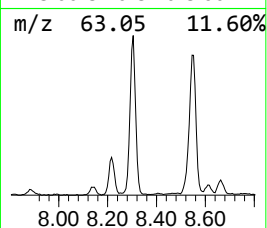
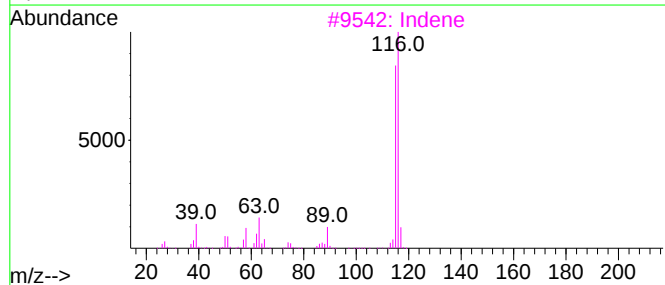
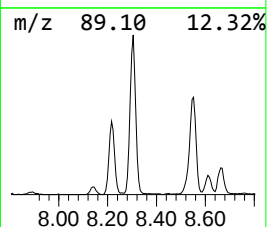
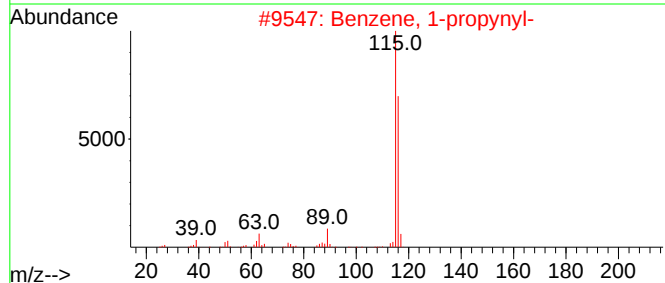
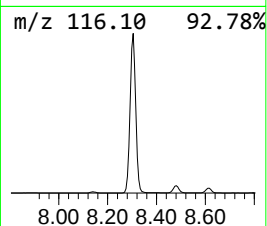
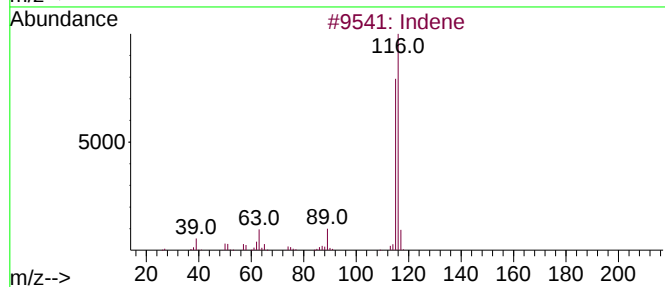
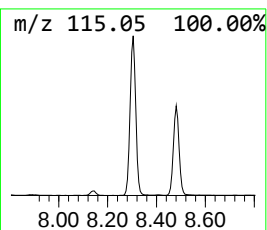
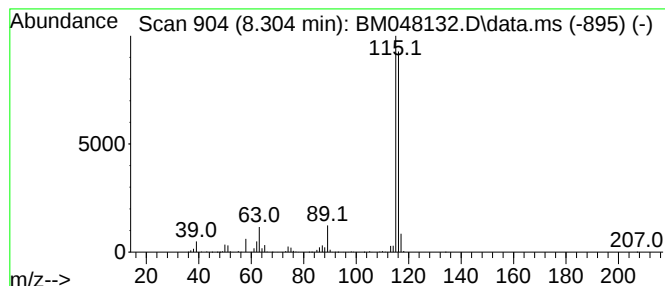
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	26.58 ng/ul	1906950	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene			116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-			116	C9H8	000673-32-5	94
3	Indene			116	C9H8	000095-13-6	94
4	Benzene, 1-ethynyl-4-methyl-			116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene			116	C9H8	000766-82-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
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Sample : P4380-12
Misc :
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Instrument :
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ClientSampleId :
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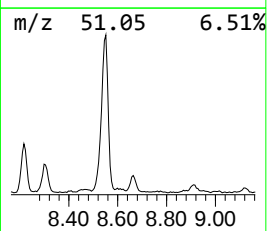
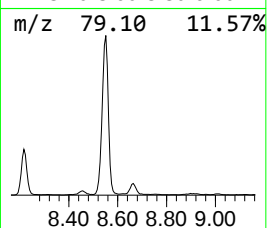
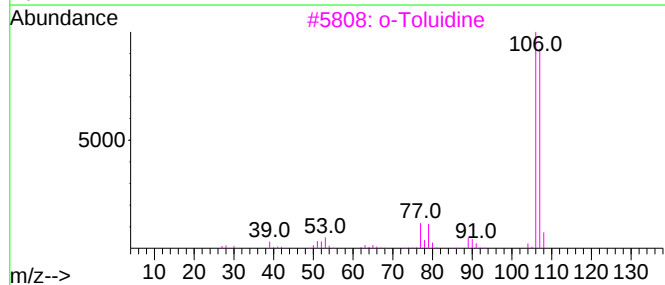
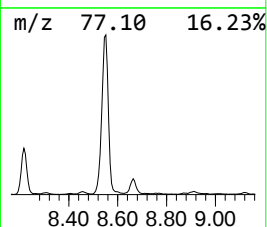
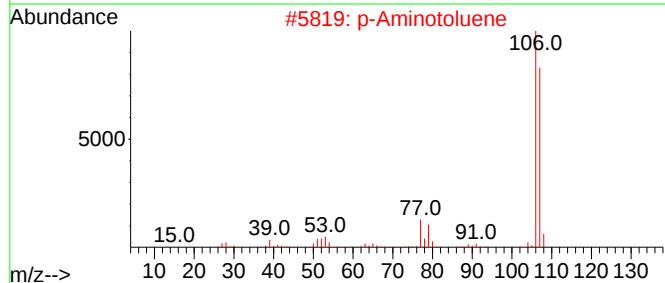
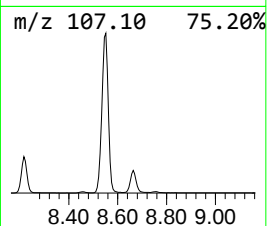
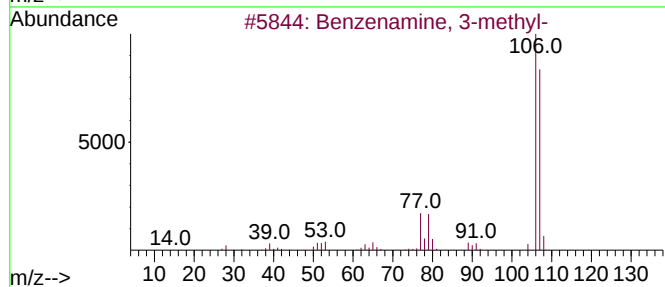
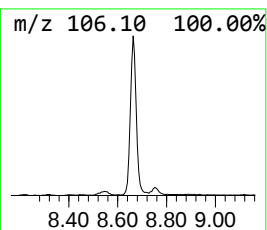
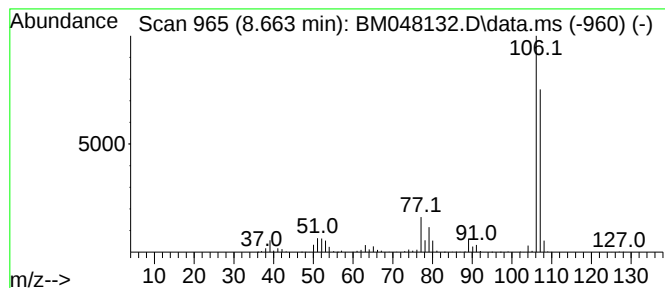
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzenamine, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	7.87 ng/ul	564509	1,4-Dichlorobenzene-d4	7.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
2			p-Aminotoluene	107	C7H9N	000106-49-0	91
3			o-Toluidine	107	C7H9N	000095-53-4	91
4			o-Toluidine	107	C7H9N	000095-53-4	91
5			Aniline, N-methyl-	107	C7H9N	000100-61-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
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Sample : P4380-12
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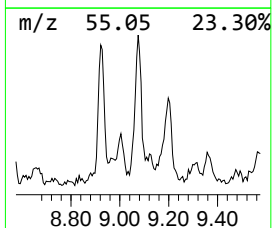
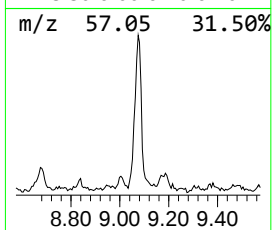
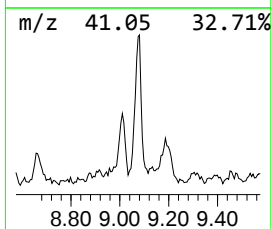
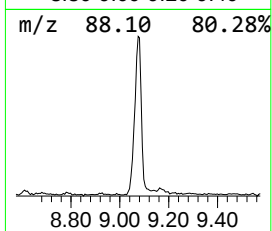
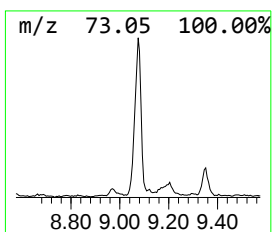
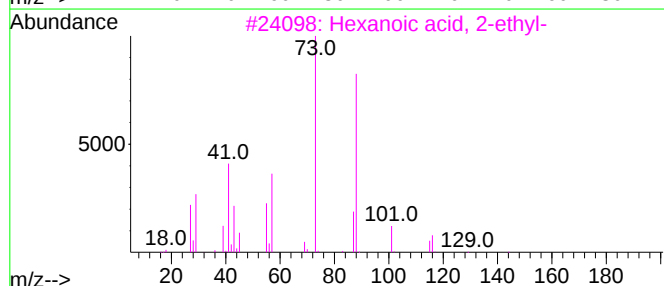
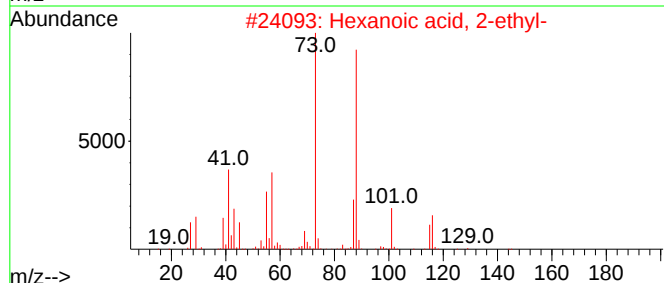
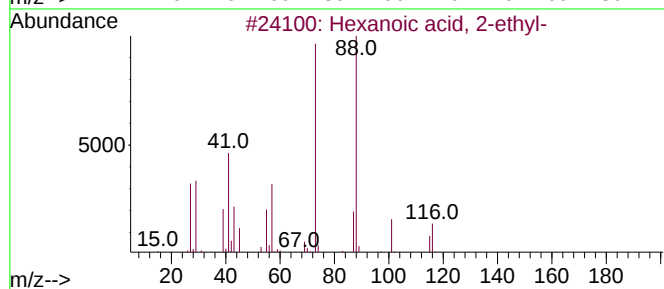
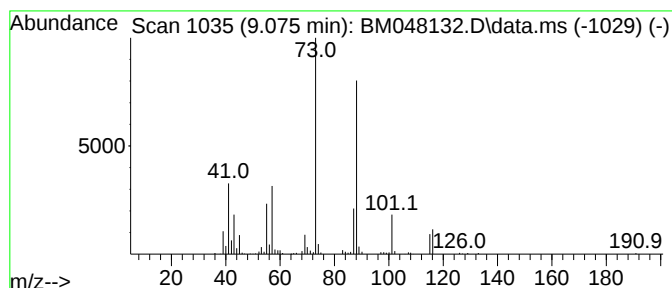
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.075	3.77 ng/ul	270312	1,4-Dichlorobenzene-d4	7.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	74
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
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Sample : P4380-12
Misc :
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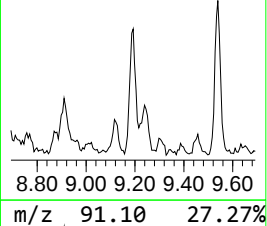
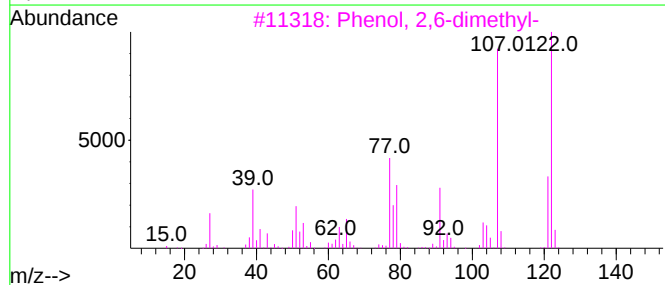
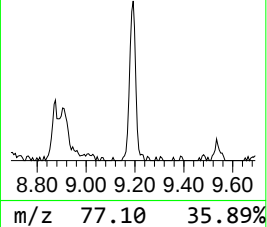
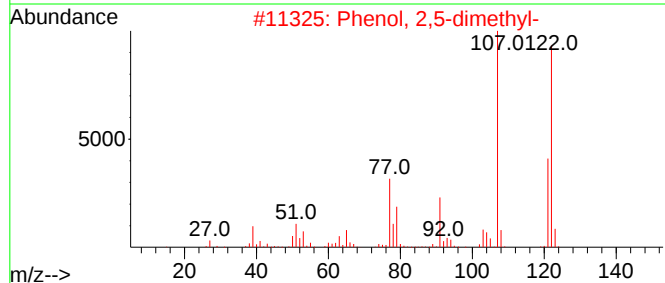
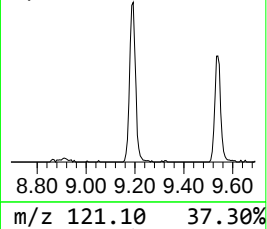
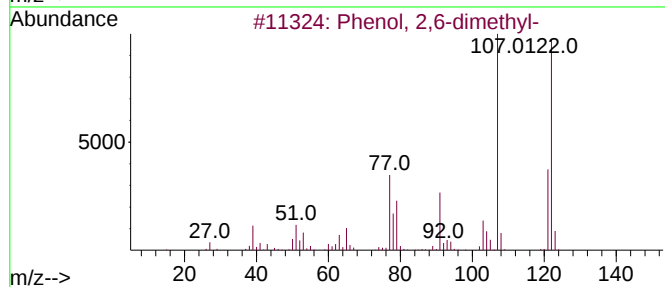
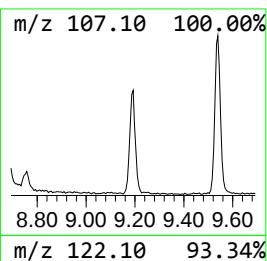
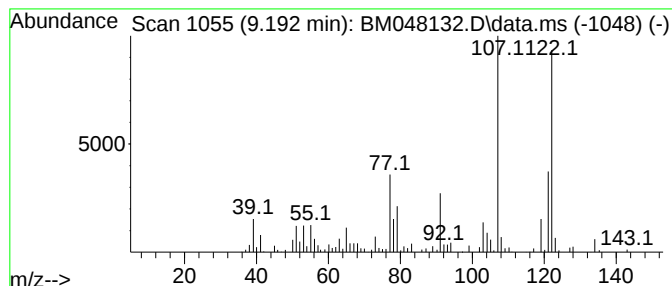
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenol, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	2.76 ng/ul	283124	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
3			Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4			Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
5			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
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Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

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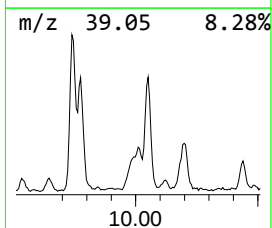
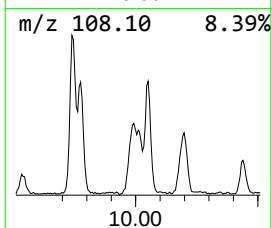
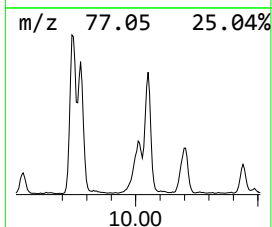
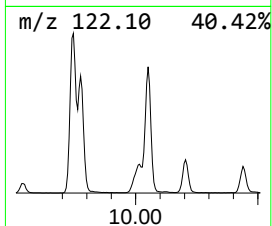
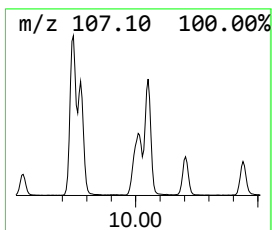
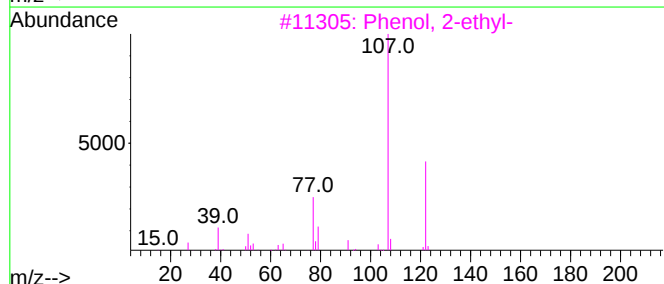
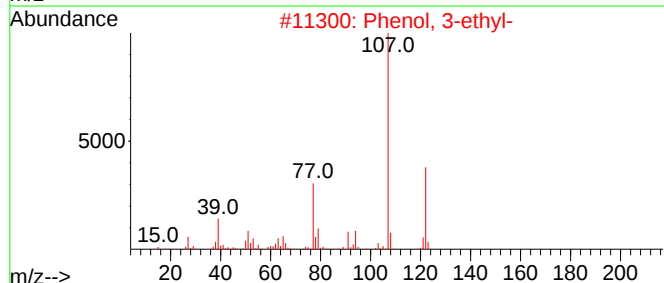
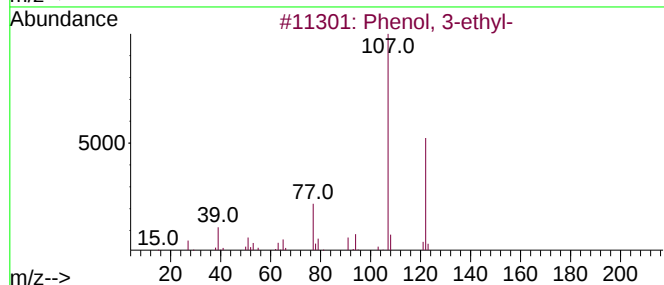
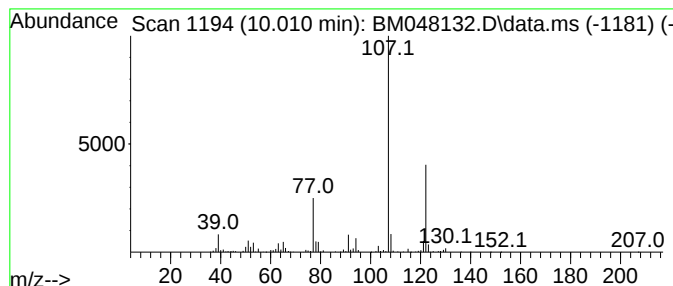
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenol, 3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	9.95 ng/ul	1020780	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2			Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
3			Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4			Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5			Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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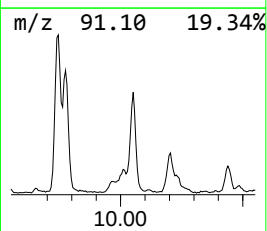
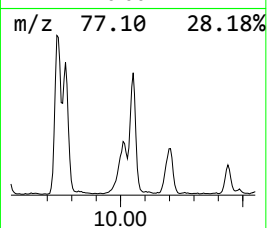
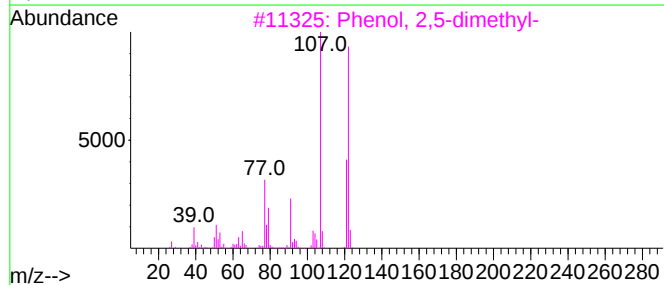
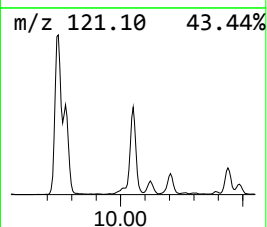
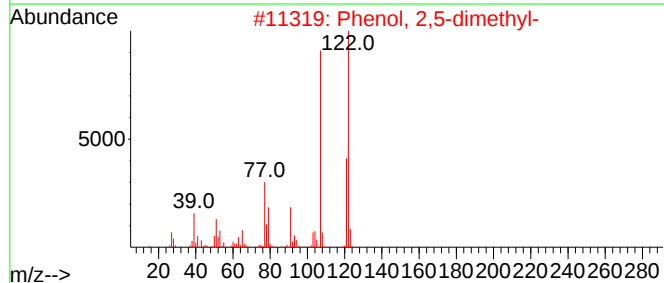
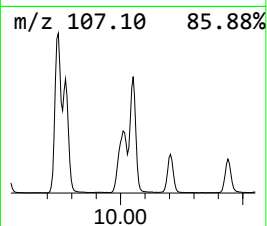
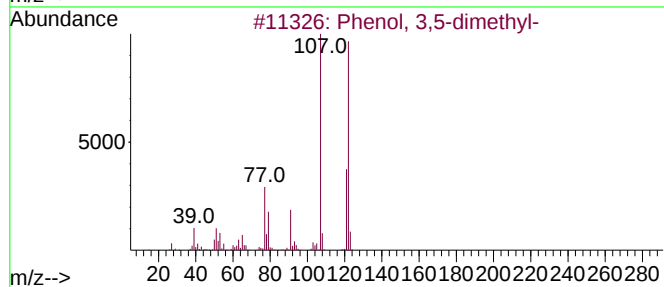
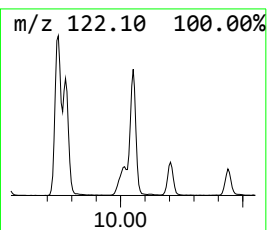
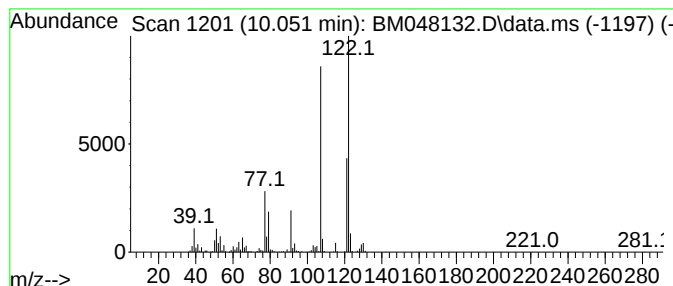
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenol, 3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	14.67 ng/ul	1503840	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
3			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4			Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
5			Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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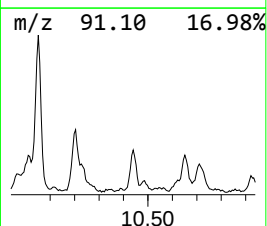
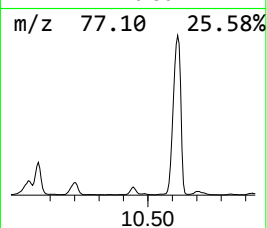
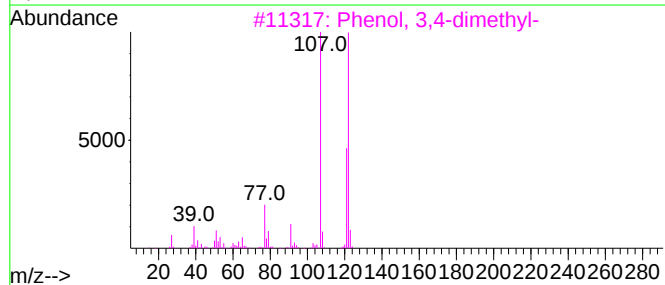
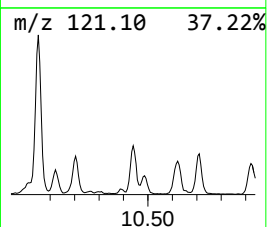
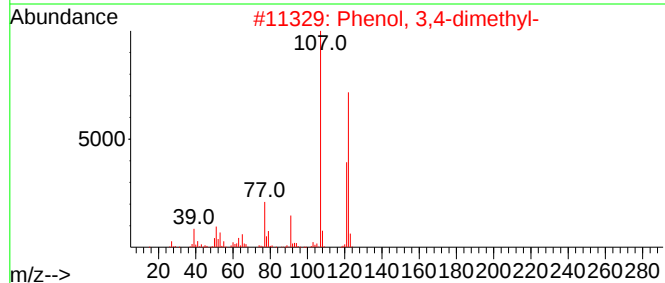
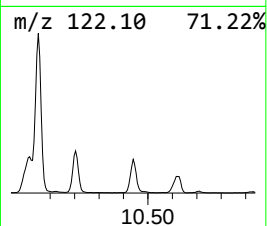
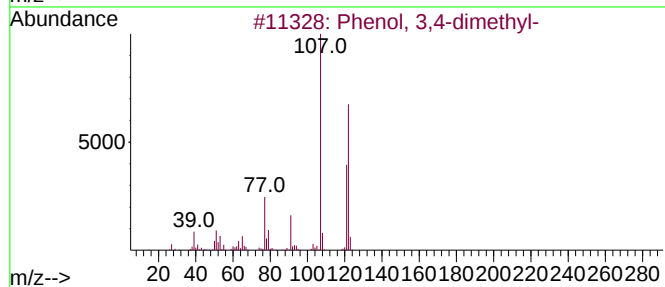
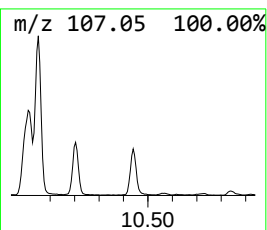
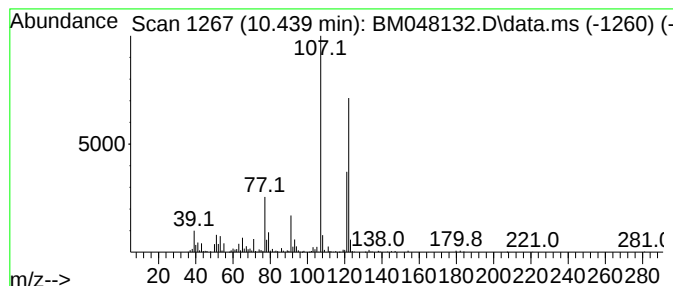
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenol, 3,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	4.00 ng/ul	410130	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2			Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
3			Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4			Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
5			Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G9

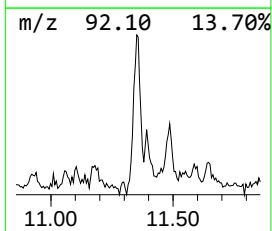
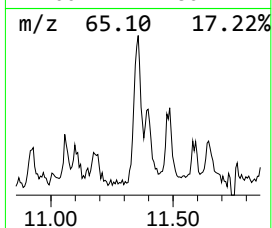
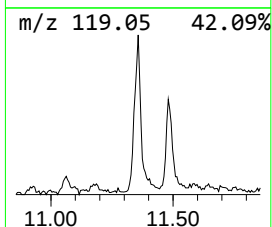
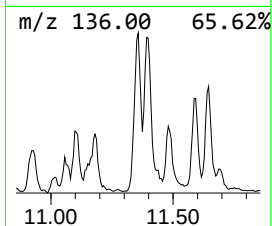
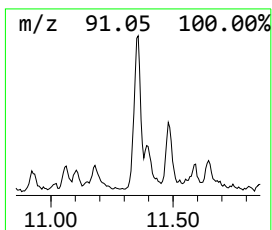
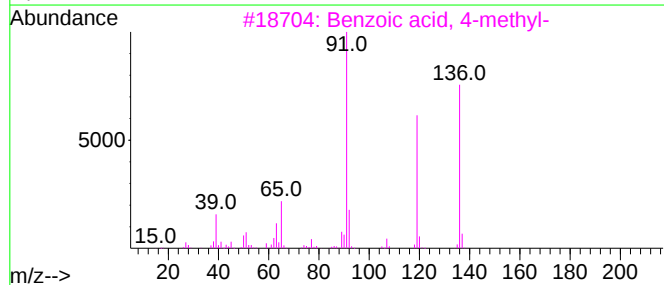
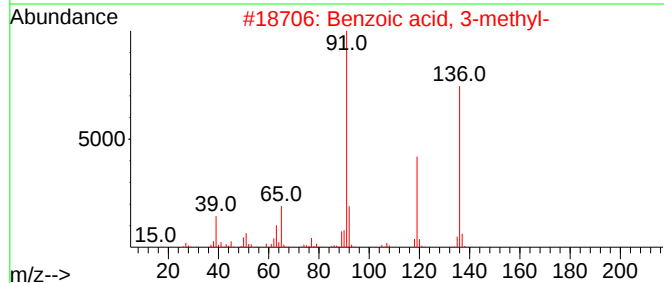
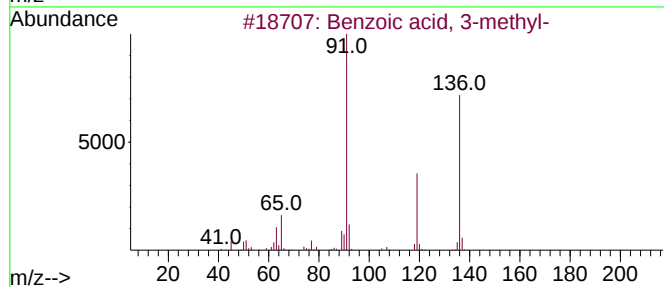
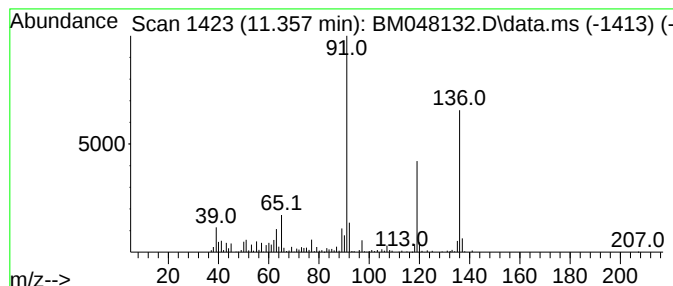
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzoic acid, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	2.56 ng/ul	262607	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	97
2			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
3			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	95
4			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	94
5			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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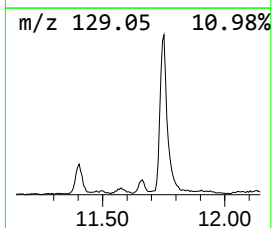
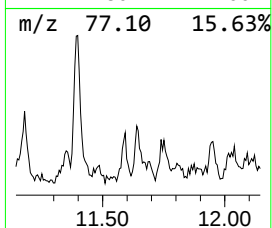
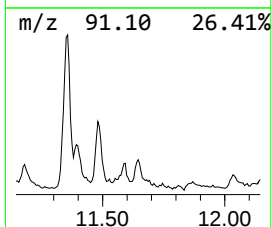
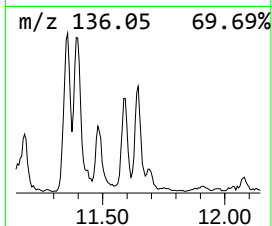
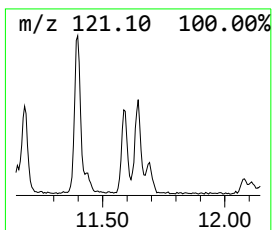
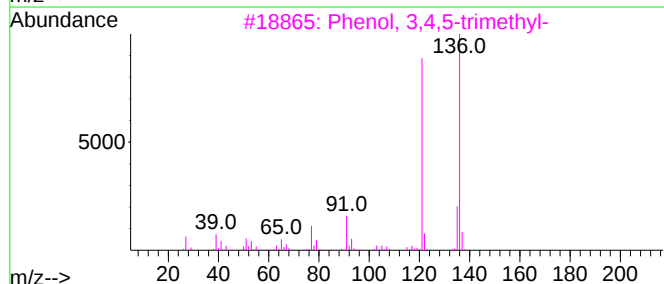
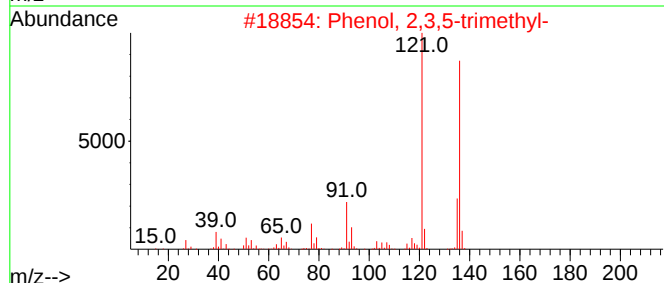
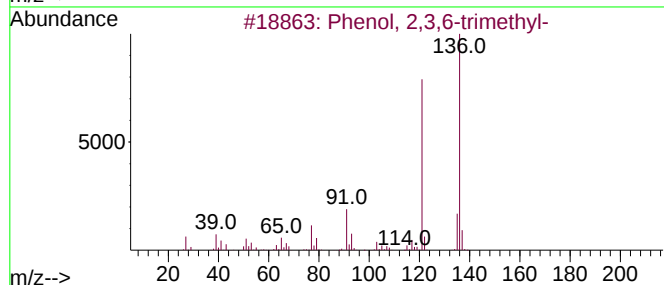
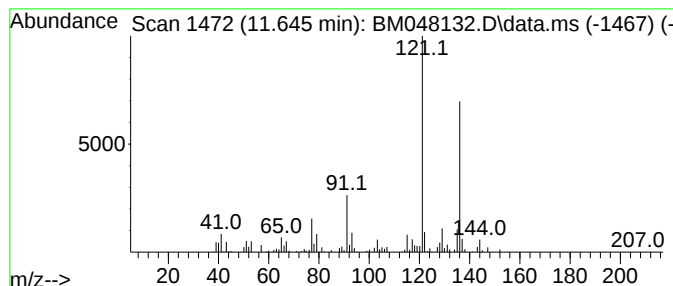
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenol, 2,3,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	2.03 ng/ul	208664	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
2			Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
3			Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
4			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
5			Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
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Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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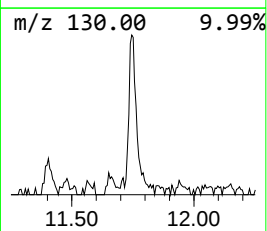
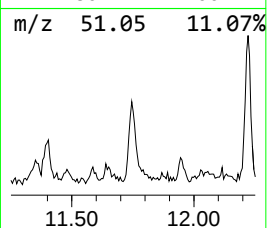
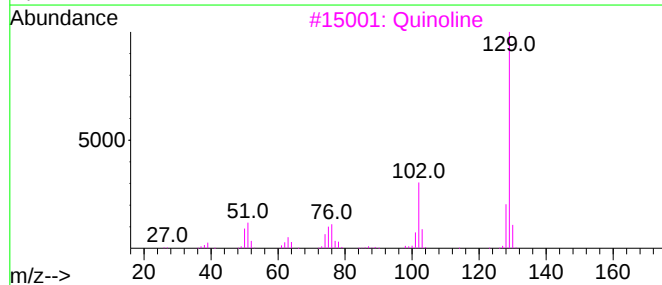
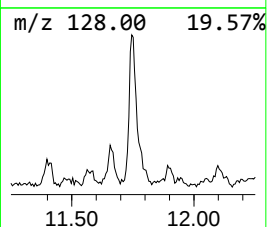
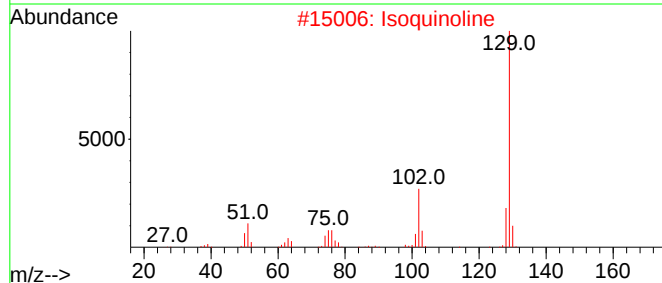
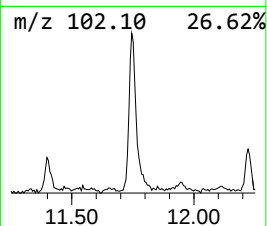
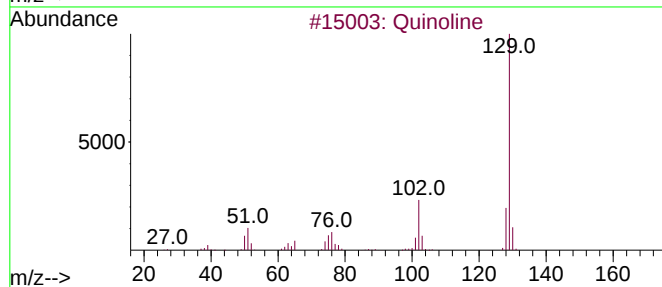
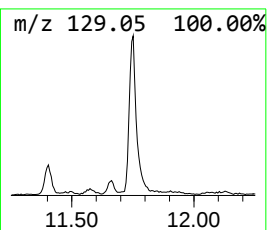
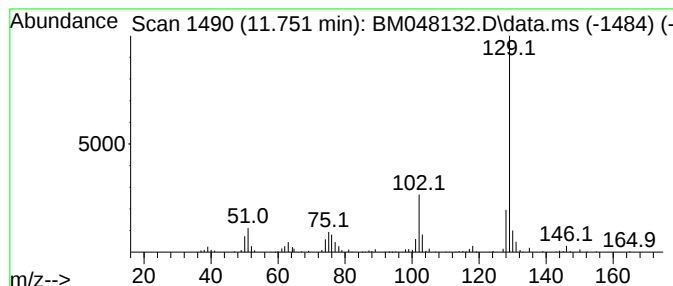
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Quinoline Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	2.59 ng/ul	265672	Naphthalene-d8	10.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline	129	C9H7N	000091-22-5	97
2			Isoquinoline	129	C9H7N	000119-65-3	97
3			Quinoline	129	C9H7N	000091-22-5	96
4			Quinoline	129	C9H7N	000091-22-5	95
5			Isoquinoline	129	C9H7N	000119-65-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
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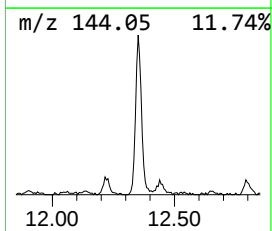
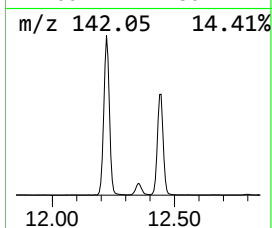
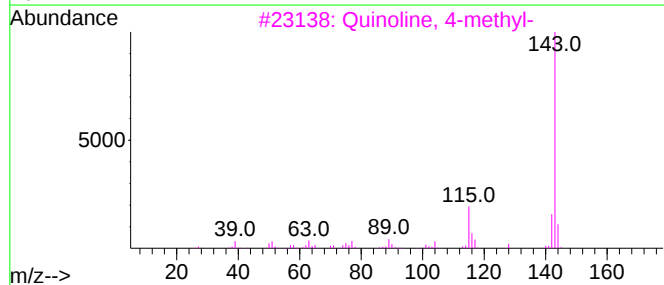
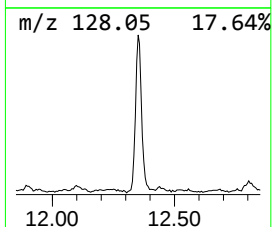
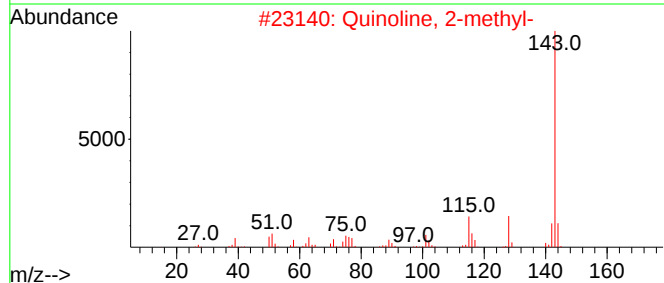
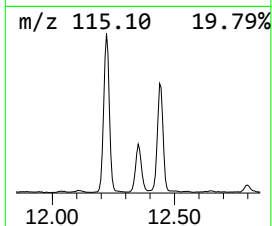
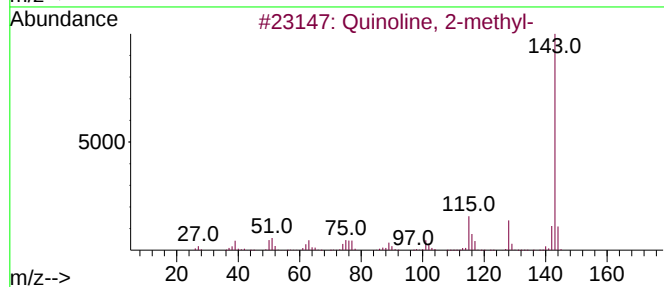
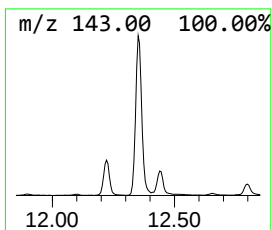
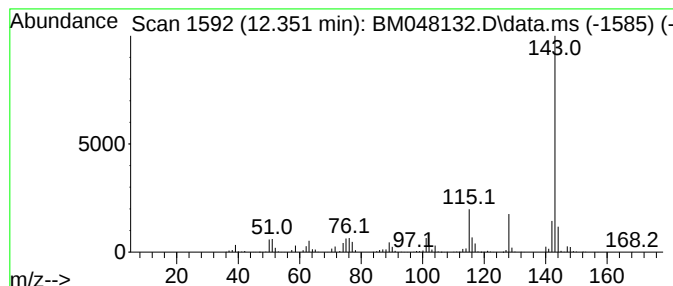
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Quinoline, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.351	9.44 ng/ul	967604	Naphthalene-d8		10.563	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-		143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-		143	C10H9N	000091-63-4	94
3	Quinoline, 4-methyl-		143	C10H9N	000491-35-0	90
4	Isoquinoline, 1-methyl-		143	C10H9N	001721-93-3	90
5	Quinoline, 4-methyl-		143	C10H9N	000491-35-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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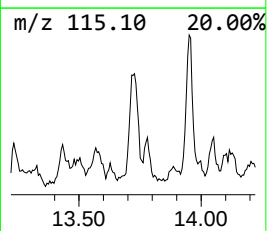
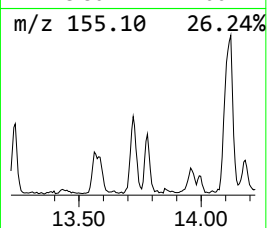
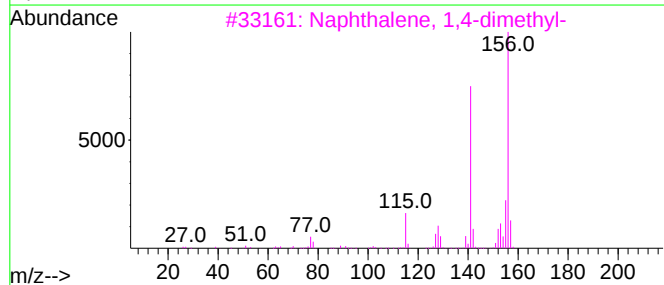
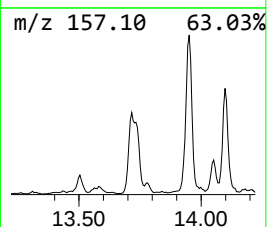
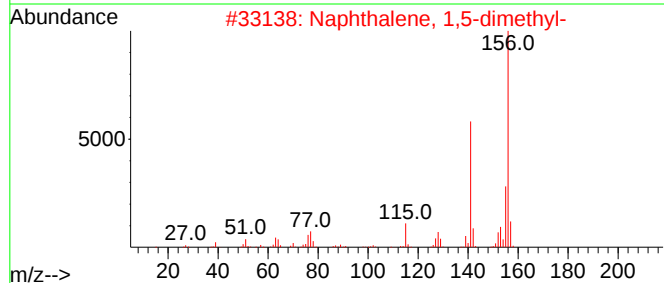
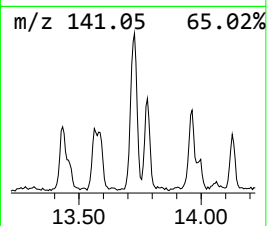
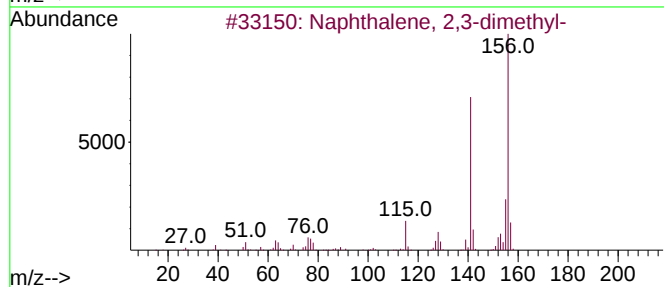
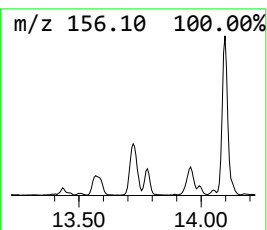
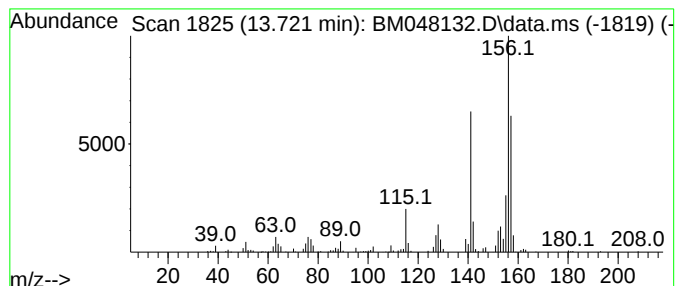
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	3.49 ng/ul	440514	Acenaphthene-d10	14.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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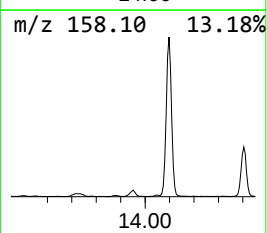
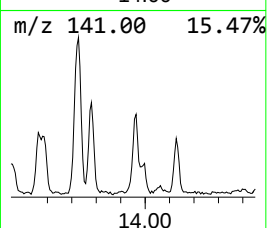
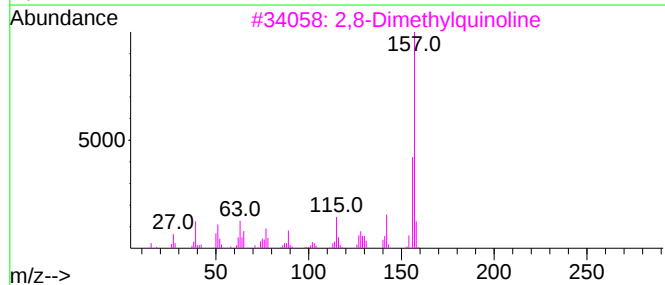
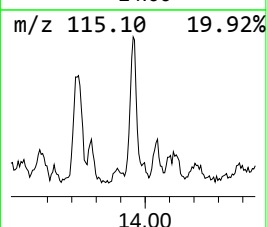
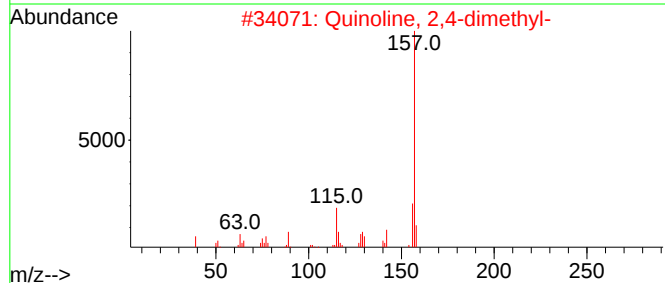
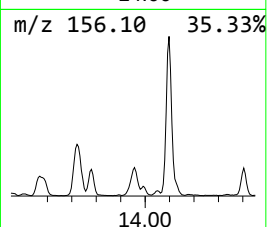
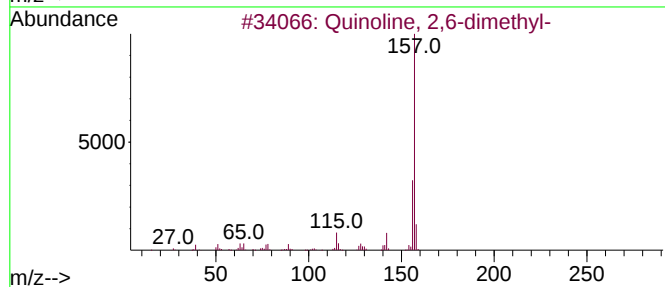
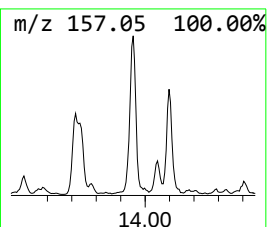
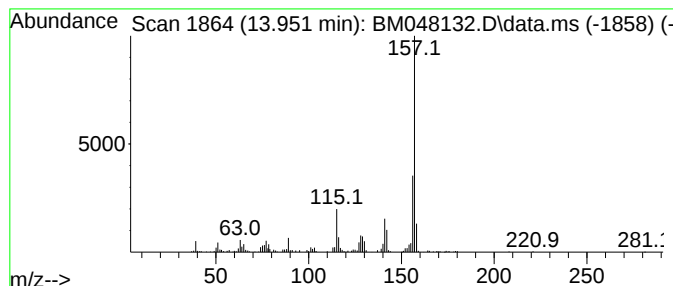
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Quinoline, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	2.56 ng/ul	322356	Acenaphthene-d10	14.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	94
2			Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	93
3			2,8-Dimethylquinoline	157	C11H11N	001463-17-8	93
4			Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	87
5			Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

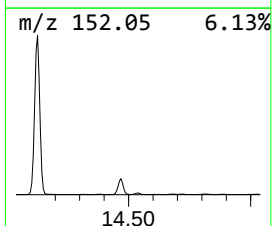
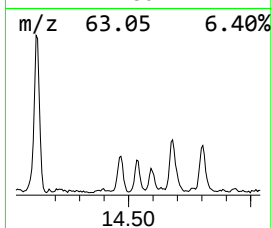
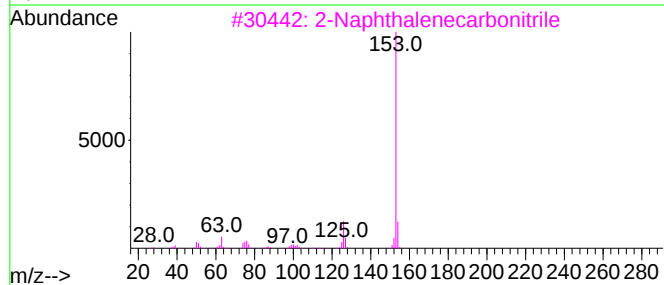
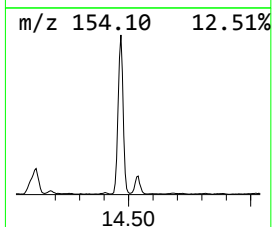
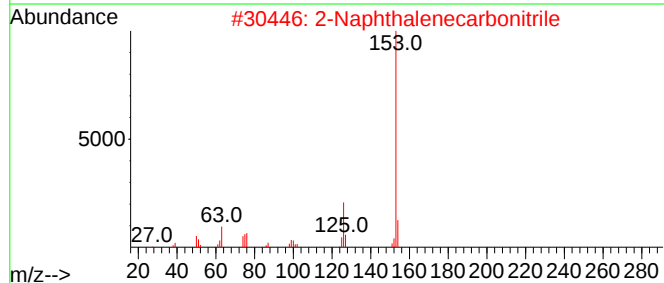
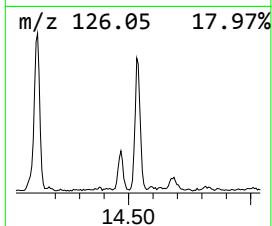
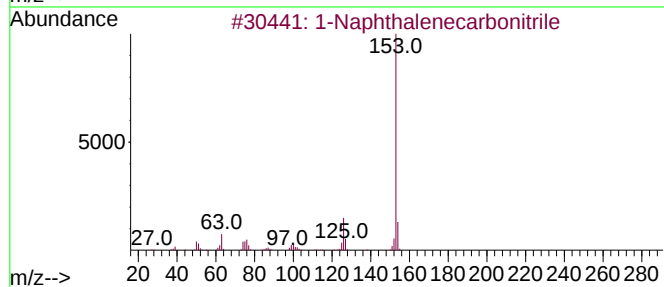
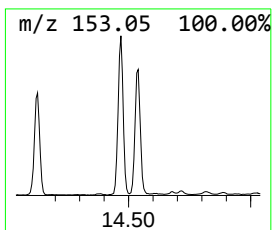
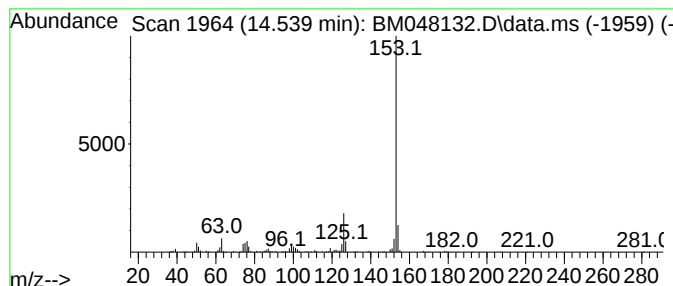
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1-Naphthalenecarbonitrile Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.539	3.05 ng/ul	384581	Acenaphthene-d10			14.404
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile		153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile		153	C11H7N	000613-46-7	95
3	2-Naphthalenecarbonitrile		153	C11H7N	000613-46-7	94
4	2-Naphthyl isocyanide		153	C11H7N	010124-78-4	91
5	1-Naphthalenecarbonitrile		153	C11H7N	000086-53-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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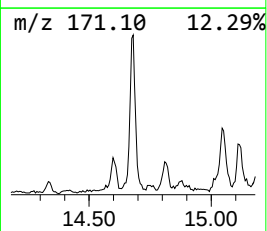
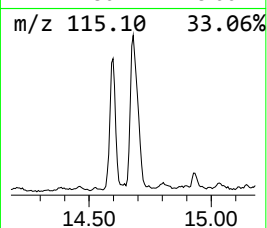
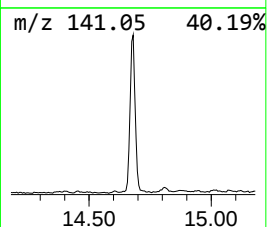
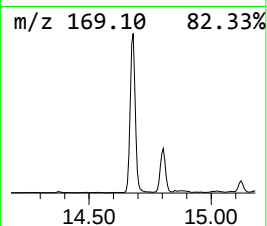
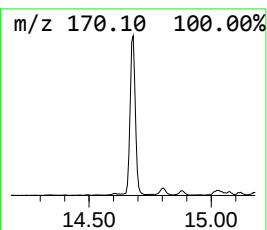
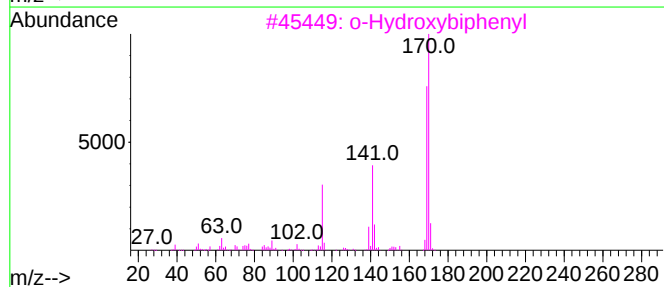
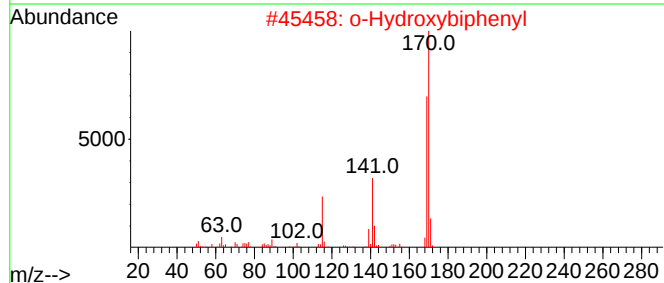
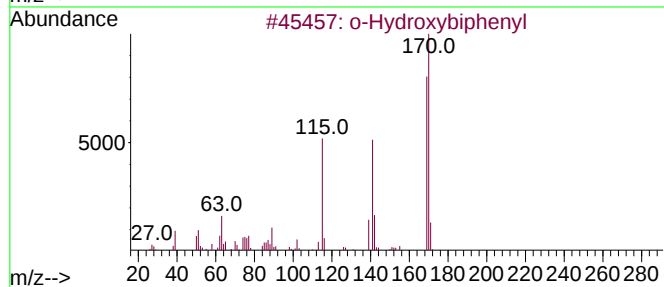
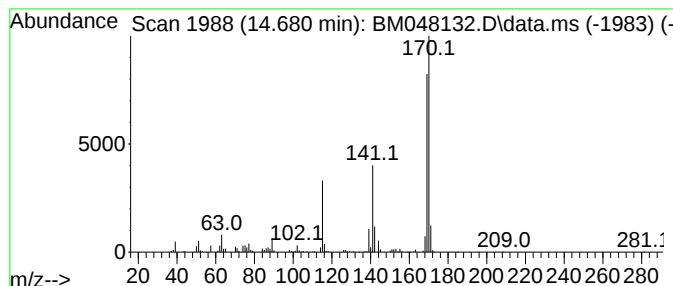
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 o-Hydroxybiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.680	9.30 ng/ul	1172700	Acenaphthene-d10	14.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
3			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93
5			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

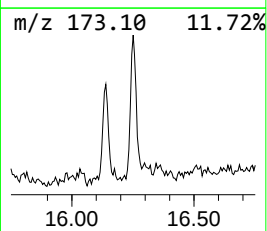
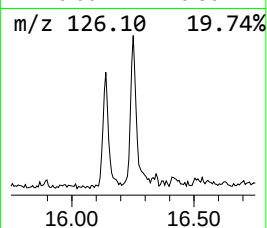
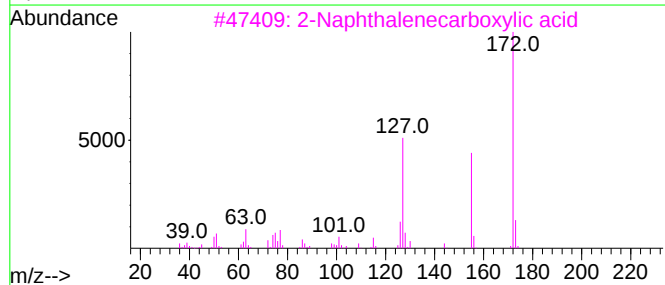
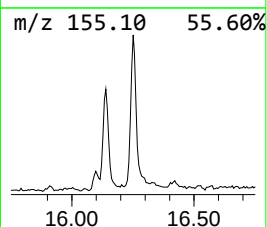
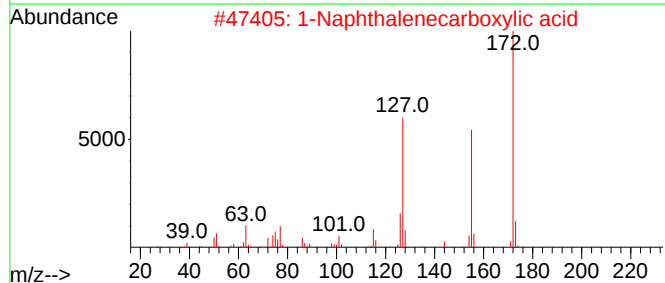
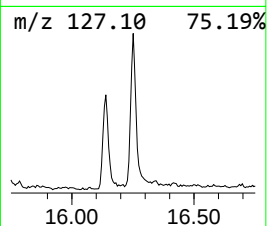
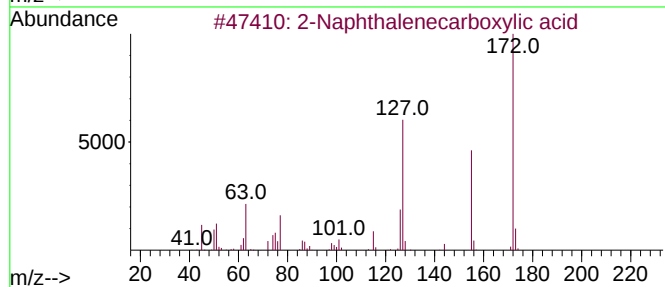
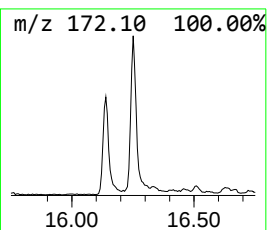
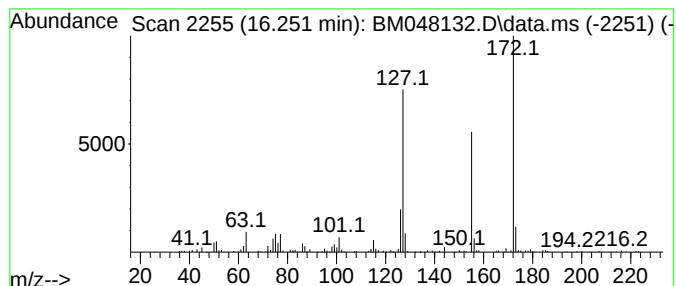
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 2-Naphthalenecarboxylic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.251	2.49 ng/ul	364834	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	94
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	94
3	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
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Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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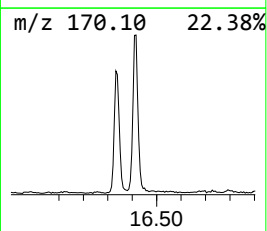
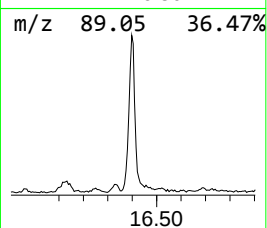
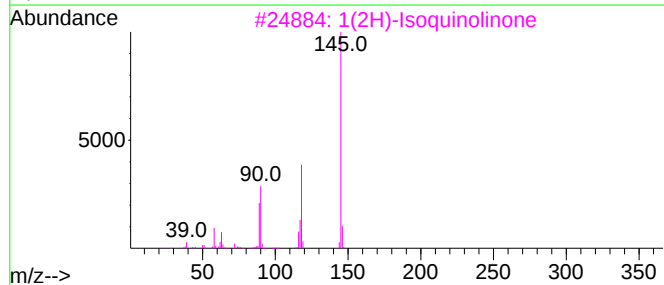
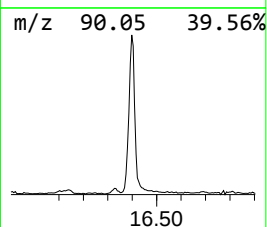
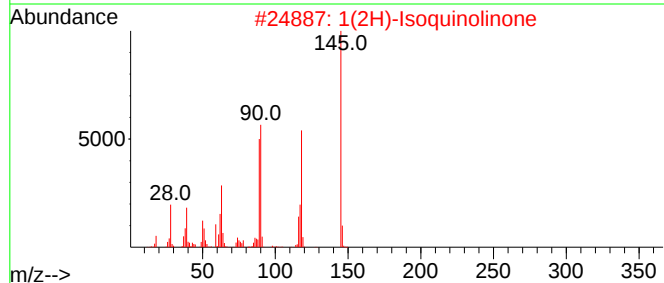
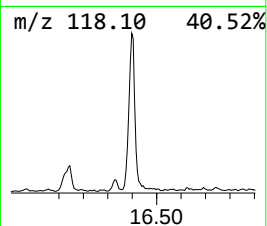
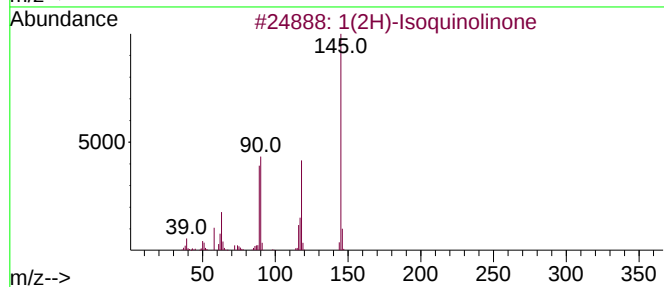
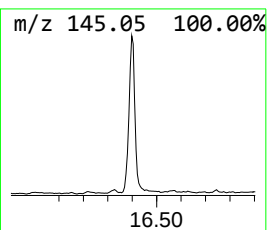
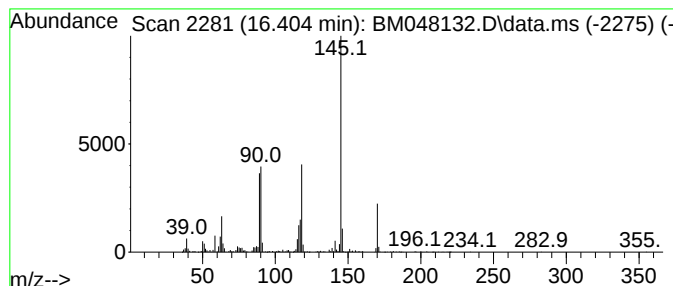
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1(2H)-Isoquinolinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	6.70 ng/ul	982006	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2			1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
3			1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	90
4			2-(1H-Pyrazol-3-yl)pyridine	145	C8H7N3	075415-03-1	70
5			3-Quinolinol	145	C9H7NO	000580-18-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

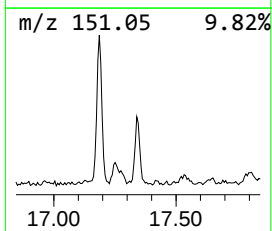
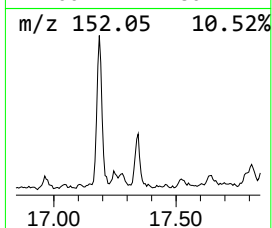
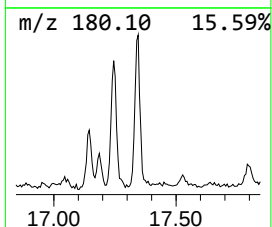
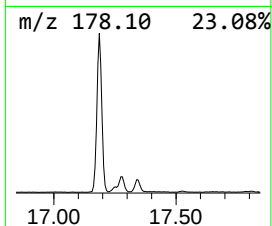
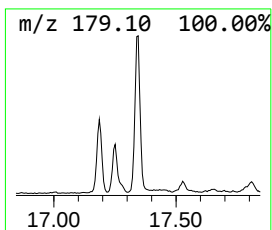
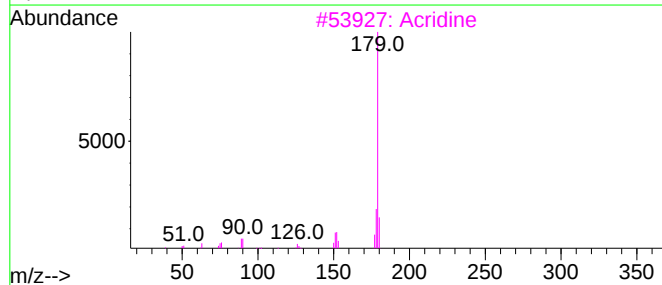
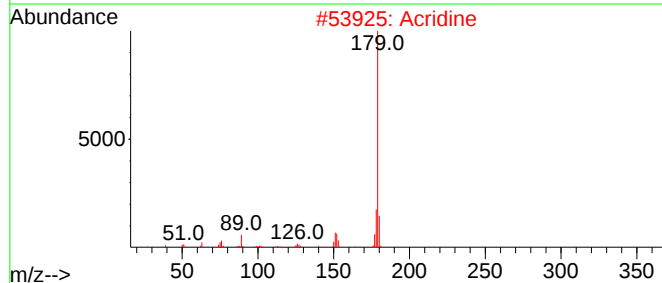
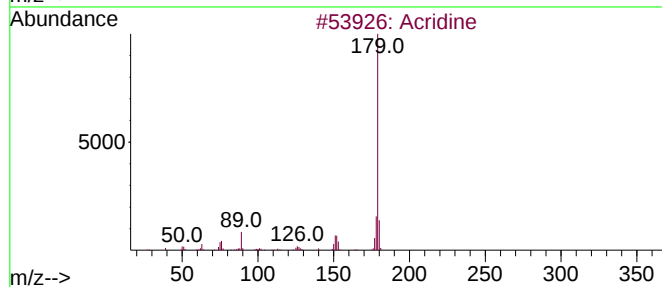
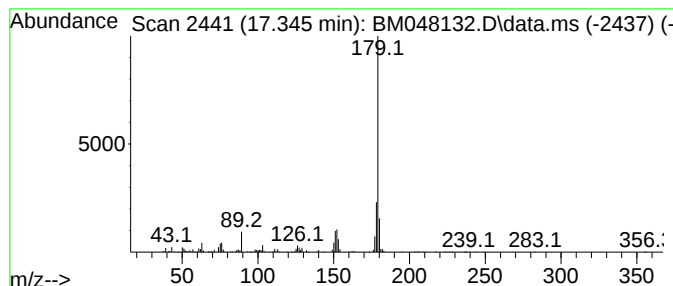
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.345	2.60 ng/ul	381301	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Acridine	179	C13H9N	000260-94-6	95
3	Acridine	179	C13H9N	000260-94-6	95
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
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Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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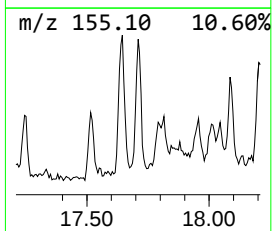
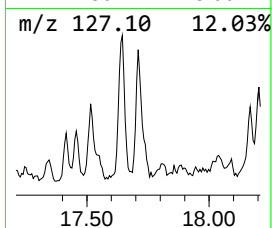
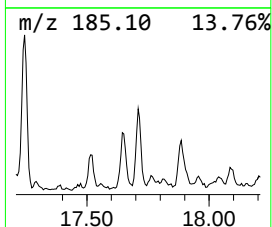
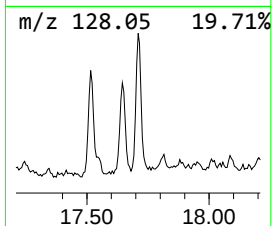
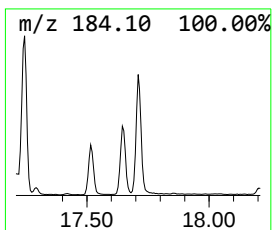
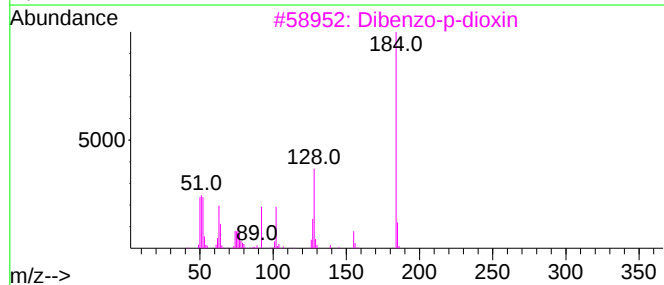
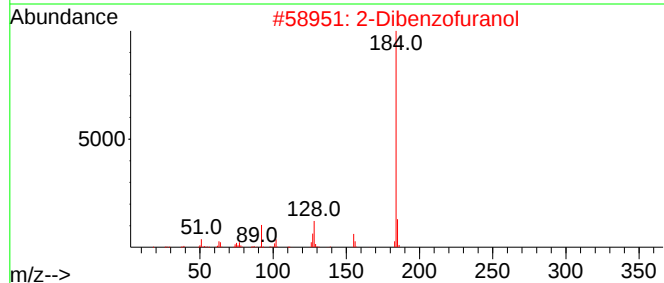
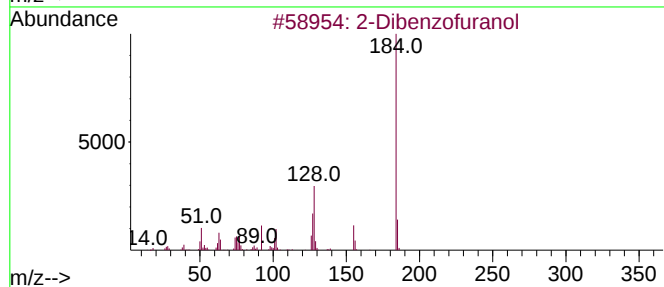
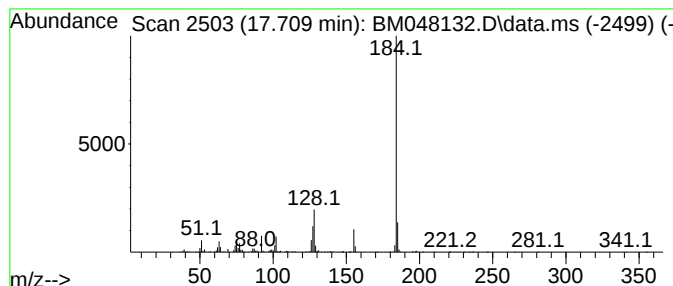
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 2-Dibenzofuranol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.709	4.15 ng/ul	608377	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Dibenzofuranol	184	C12H8O2	000086-77-1	97
2		2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90
5		2-Dibenzofuranol	184	C12H8O2	000086-77-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G9

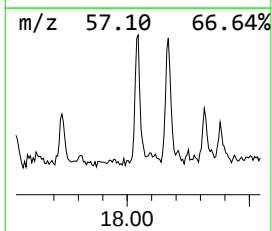
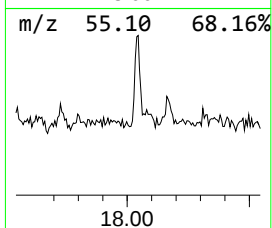
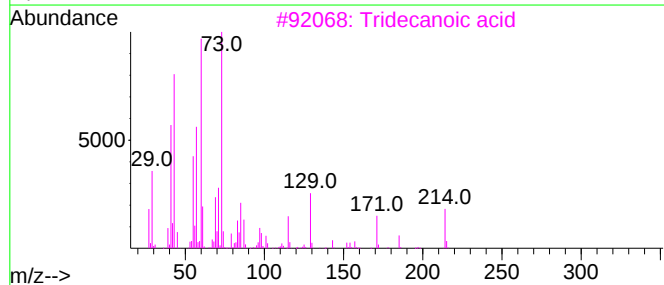
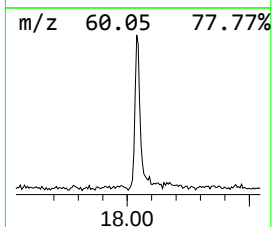
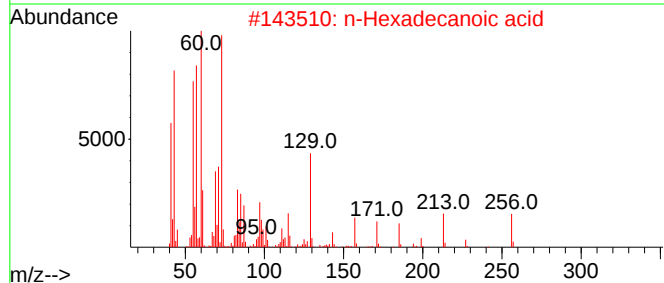
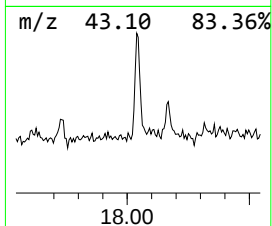
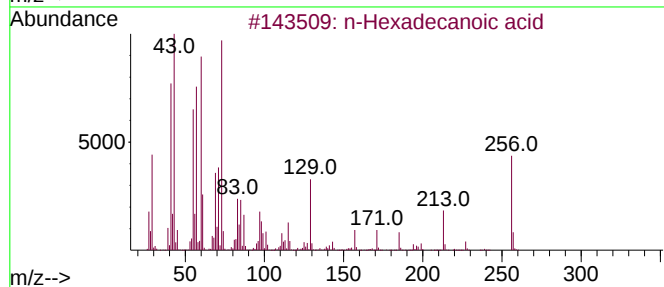
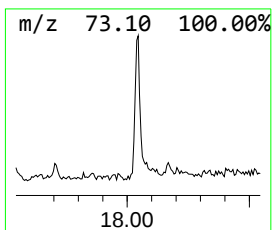
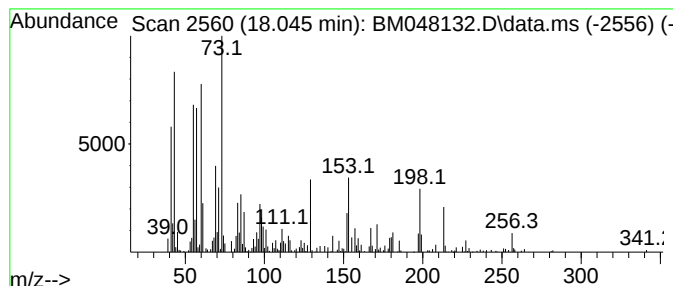
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 n-Hexadecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.13 ng/ul	311947	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	78
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G9

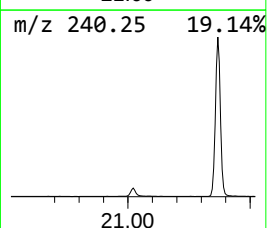
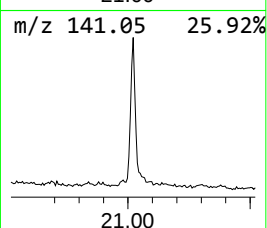
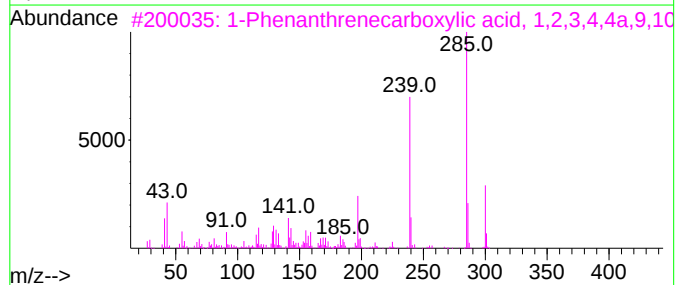
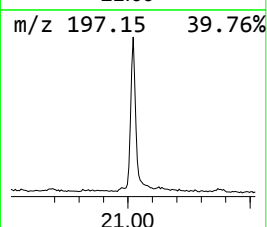
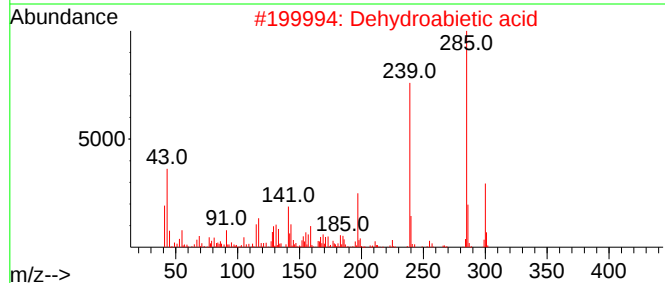
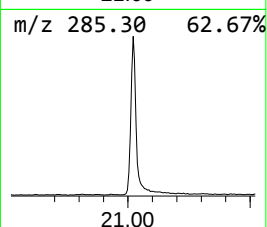
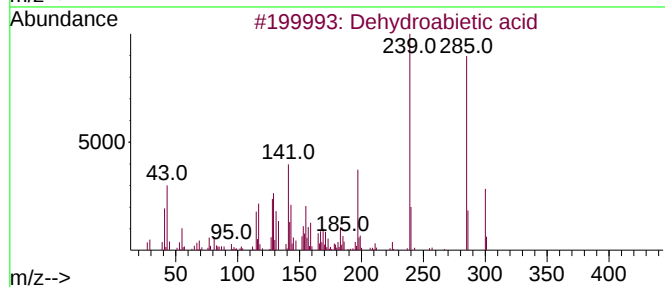
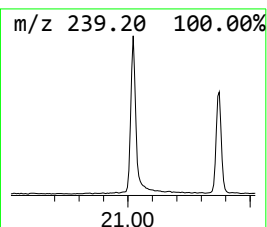
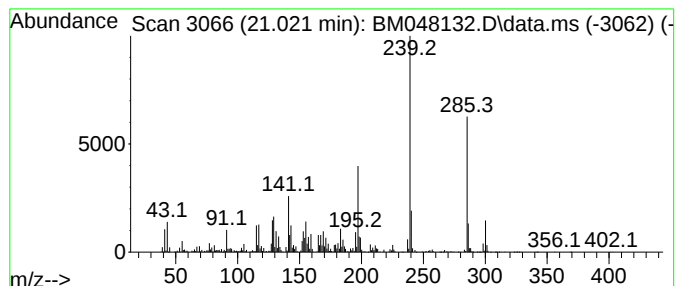
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Dehydroabietic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	13.96 ng/ul	1977290	Chrysene-d12	21.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydroabietic acid	300	C20H28O2	001740-19-8	97
2			Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3			1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
4			Dehydroabietic acid	300	C20H28O2	001740-19-8	91
5			1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048132.D
 Acq On : 18 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4380-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanoic acid, ...	4.663	2.7	ng/ul	190879	1	7.769	1434950	20.0
Benzene, 1,3-di...	5.787	3.2	ng/ul	229790	1	7.769	1434950	20.0
3-Carene	7.669	2.1	ng/ul	148159	1	7.769	1434950	20.0
Indane	8.139	2.5	ng/ul	176562	1	7.769	1434950	20.0
Indene	8.304	26.6	ng/ul	1906950	1	7.769	1434950	20.0
Benzenamine, 3-...	8.663	7.9	ng/ul	564509	1	7.769	1434950	20.0
Hexanoic acid, ...	9.075	3.8	ng/ul	270312	1	7.769	1434950	20.0
Phenol, 2,6-dim...	9.192	2.8	ng/ul	283124	2	10.563	2050820	20.0
Phenol, 3-ethyl-	10.010	9.9	ng/ul	1020780	2	10.563	2050820	20.0
Phenol, 3,5-dim...	10.051	14.7	ng/ul	1503840	2	10.563	2050820	20.0
Phenol, 3,4-dim...	10.439	4.0	ng/ul	410130	2	10.563	2050820	20.0
Benzoic acid, 3...	11.357	2.6	ng/ul	262607	2	10.563	2050820	20.0
Phenol, 2,3,6-t...	11.645	2.0	ng/ul	208664	2	10.563	2050820	20.0
Quinoline	11.751	2.6	ng/ul	265672	2	10.563	2050820	20.0
Quinoline, 2-me...	12.351	9.4	ng/ul	967604	2	10.563	2050820	20.0
Naphthalene, 2,...	13.722	3.5	ng/ul	440514	3	14.404	2522370	20.0
Quinoline, 2,6-...	13.951	2.6	ng/ul	322356	3	14.404	2522370	20.0
1-Naphthaleneca...	14.539	3.0	ng/ul	384581	3	14.404	2522370	20.0
o-Hydroxybiphenyl	14.680	9.3	ng/ul	1172700	3	14.404	2522370	20.0
2-Naphthaleneca...	16.251	2.5	ng/ul	364834	4	17.145	2930220	20.0
1(2H)-Isoquinol...	16.404	6.7	ng/ul	982006	4	17.145	2930220	20.0
Acridine	17.345	2.6	ng/ul	381301	4	17.145	2930220	20.0
2-Dibenzofuranol	17.709	4.2	ng/ul	608377	4	17.145	2930220	20.0
n-Hexadecanoic ...	18.045	2.1	ng/ul	311947	4	17.145	2930220	20.0
Dehydroabietic ...	21.021	14.0	ng/ul	1977290	5	21.368	2831820	20.0