

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043700.D
 Acq On : 02 Jan 2024 18:42
 Operator : MA/JU
 Sample : 05920-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF54

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-BM121523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	28	31	36	rVB2	31939	42631	0.54%	0.059%
2	3.904	118	122	127	rVB	41828	54809	0.70%	0.076%
3	4.010	138	140	146	rVB	18117	28157	0.36%	0.039%
4	4.493	219	222	231	rVB6	11911	23174	0.29%	0.032%
5	5.040	311	315	327	rVB2	36081	68679	0.87%	0.095%
6	5.157	331	335	342	rBV3	20002	32295	0.41%	0.045%
7	5.304	356	360	368	rBV	56162	92409	1.17%	0.128%
8	5.934	463	467	473	rBV	23189	36401	0.46%	0.050%
9	6.022	477	482	489	rVB9	9944	25911	0.33%	0.036%
10	6.457	548	556	561	rBV	27116	43968	0.56%	0.061%
11	6.616	579	583	589	rVB4	13415	22002	0.28%	0.030%
12	7.128	662	670	685	rBV2	423540	959422	12.17%	1.326%
13	7.245	685	690	694	rVV	34738	54394	0.69%	0.075%
14	7.298	694	699	709	rVB	457433	725312	9.20%	1.002%
15	7.486	724	731	741	rVB	552247	881257	11.18%	1.218%
16	7.957	801	811	818	rBV	729874	1181337	14.98%	1.632%
17	8.463	893	897	904	rVB4	25346	50054	0.63%	0.069%
18	8.616	919	923	927	rBV4	18195	27716	0.35%	0.038%
19	8.675	927	933	941	rVV	464148	770621	9.77%	1.065%
20	8.792	946	953	966	rVV	729830	1259418	15.97%	1.740%
21	8.916	969	974	979	rVB2	33163	56228	0.71%	0.078%
22	9.133	1004	1011	1021	rBV	533710	918446	11.65%	1.269%
23	9.716	1104	1110	1122	rVB6	23760	63892	0.81%	0.088%
24	9.851	1126	1133	1141	rBV	438197	726015	9.21%	1.003%
25	10.028	1154	1163	1170	rBV	176782	378240	4.80%	0.523%
26	10.216	1188	1195	1202	rBV	69526	120541	1.53%	0.167%
27	10.392	1218	1225	1234	rBV	505591	894328	11.34%	1.236%
28	10.769	1281	1289	1296	rVB	896545	1564966	19.85%	2.162%
29	10.922	1310	1315	1326	rVV2	38259	88224	1.12%	0.122%
30	11.316	1376	1382	1387	rVV	55587	97250	1.23%	0.134%
31	11.527	1411	1418	1420	rBV4	15799	32314	0.41%	0.045%
32	11.569	1420	1425	1432	rVB	56016	110942	1.41%	0.153%
33	11.810	1459	1466	1471	rVV3	16679	33218	0.42%	0.046%
34	12.145	1513	1523	1527	rBV2	36627	87514	1.11%	0.121%
35	12.345	1547	1557	1565	rVB10	18577	56546	0.72%	0.078%
36	12.563	1587	1594	1598	rVV8	12495	28163	0.36%	0.039%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
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37	12.827	1633	1639	1645	rBV3	56396	94646	1.20%	0.131%
38	12.945	1654	1659	1664	rBV7	19330	36394	0.46%	0.050%
39	13.098	1680	1685	1691	rVB4	31396	50160	0.64%	0.069%
40	13.274	1710	1715	1719	rBV7	15507	22261	0.28%	0.031%
41	13.468	1744	1748	1749	rVV3	24207	29446	0.37%	0.041%
42	13.492	1749	1752	1757	rVB	26933	42074	0.53%	0.058%
43	13.598	1765	1770	1775	rVV	115269	160386	2.03%	0.222%
44	13.721	1786	1791	1795	rBV4	44503	63500	0.81%	0.088%
45	13.780	1796	1801	1807	rVB8	26635	51127	0.65%	0.071%
46	13.857	1807	1814	1819	rBV	1284794	1929733	24.47%	2.666%
47	13.898	1819	1821	1831	rVV2	122126	191313	2.43%	0.264%
48	14.015	1833	1841	1847	rVV	1001867	1457546	18.49%	2.014%
49	14.063	1847	1849	1853	rVV5	33332	55607	0.71%	0.077%
50	14.110	1854	1857	1862	rVB6	28710	45416	0.58%	0.063%
51	14.286	1876	1887	1898	rBV2	894325	1480166	18.77%	2.045%
52	14.410	1903	1908	1914	rVV	161743	250966	3.18%	0.347%
53	14.480	1914	1920	1926	rVV2	255872	381039	4.83%	0.526%
54	14.592	1933	1939	1946	rBV	1240176	1858640	23.57%	2.568%
55	14.739	1960	1964	1968	rBV6	23074	30530	0.39%	0.042%
56	14.815	1969	1977	1987	rBV	356947	745360	9.45%	1.030%
57	14.968	1998	2003	2007	rBV	101905	162910	2.07%	0.225%
58	15.015	2008	2011	2013	rVV4	35426	54089	0.69%	0.075%
59	15.045	2013	2016	2023	rVB	82109	122907	1.56%	0.170%
60	15.139	2028	2032	2036	rVB4	47808	70700	0.90%	0.098%
61	15.186	2036	2040	2042	rBV4	35484	55051	0.70%	0.076%
62	15.221	2042	2046	2051	rVB2	100696	156513	1.99%	0.216%
63	15.474	2086	2089	2094	rVB7	17055	25497	0.32%	0.035%
64	15.521	2094	2097	2102	rBV6	19252	29491	0.37%	0.041%
65	15.586	2102	2108	2115	rBV	1557436	2169386	27.51%	2.997%
66	15.709	2124	2129	2135	rBV	321726	467733	5.93%	0.646%
67	15.874	2152	2157	2162	rVB	401005	556049	7.05%	0.768%
68	16.309	2228	2231	2238	rVB5	35578	75564	0.96%	0.104%
69	16.527	2266	2268	2270	rBV3	20554	22320	0.28%	0.031%
70	16.745	2302	2305	2311	rBV5	43321	58995	0.75%	0.082%
71	16.986	2340	2346	2357	rBV	5549627	7884746	100.00%	10.894%
72	17.115	2364	2368	2373	rVB	136447	194456	2.47%	0.269%
73	17.239	2386	2389	2393	rVB	83666	96580	1.22%	0.133%
74	17.304	2397	2400	2401	rVV	76167	84494	1.07%	0.117%
75	17.339	2401	2406	2411	rVV	1496337	2231936	28.31%	3.084%
76	17.380	2411	2413	2417	rVV	174527	206963	2.62%	0.286%

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77	17.439	2418	2423	2433	rVB	1259594	1832759	23.24%	2.532%
78	17.727	2465	2472	2476	rBV2	179507	341222	4.33%	0.471%
79	18.121	2535	2539	2544	rBV2	135959	231177	2.93%	0.319%
80	18.186	2546	2550	2554	rVV	236371	337729	4.28%	0.467%
81	18.245	2555	2560	2574	rVV	1350609	2006175	25.44%	2.772%
82	18.668	2629	2632	2637	rBV	212832	230691	2.93%	0.319%
83	18.815	2654	2657	2665	rVB	190949	266635	3.38%	0.368%
84	19.045	2693	2696	2700	rVB	172015	196147	2.49%	0.271%
85	19.262	2729	2733	2735	rBV4	203552	330059	4.19%	0.456%
86	19.521	2773	2777	2784	rBV	453593	672137	8.52%	0.929%
87	19.727	2809	2812	2818	rVB	447163	618119	7.84%	0.854%
88	20.609	2958	2962	2966	rBV	1160016	1439781	18.26%	1.989%
89	20.650	2966	2969	2976	rVB	534873	739821	9.38%	1.022%
90	21.239	3065	3069	3075	rBV	817882	1030953	13.08%	1.424%
91	21.521	3113	3117	3127	rVB	1768338	2500505	31.71%	3.455%
92	22.162	3222	3226	3240	rVB2	439319	1075046	13.63%	1.485%
93	23.227	3402	3407	3412	rBV	1839182	3022383	38.33%	4.176%
94	23.274	3412	3415	3425	rVB	1049044	1764227	22.38%	2.438%
95	23.938	3523	3528	3535	rVB	1245732	2383457	30.23%	3.293%
96	24.609	3635	3642	3650	rVB	2462827	5193788	65.87%	7.176%
97	24.697	3652	3657	3667	rVB	635206	1450288	18.39%	2.004%
98	25.638	3812	3817	3827	rVB	903471	2171564	27.54%	3.000%
99	26.650	3984	3989	4009	rVB7	794111	3654567	46.35%	5.050%
100	27.403	4110	4117	4128	rVB3	1166785	3545544	44.97%	4.899%

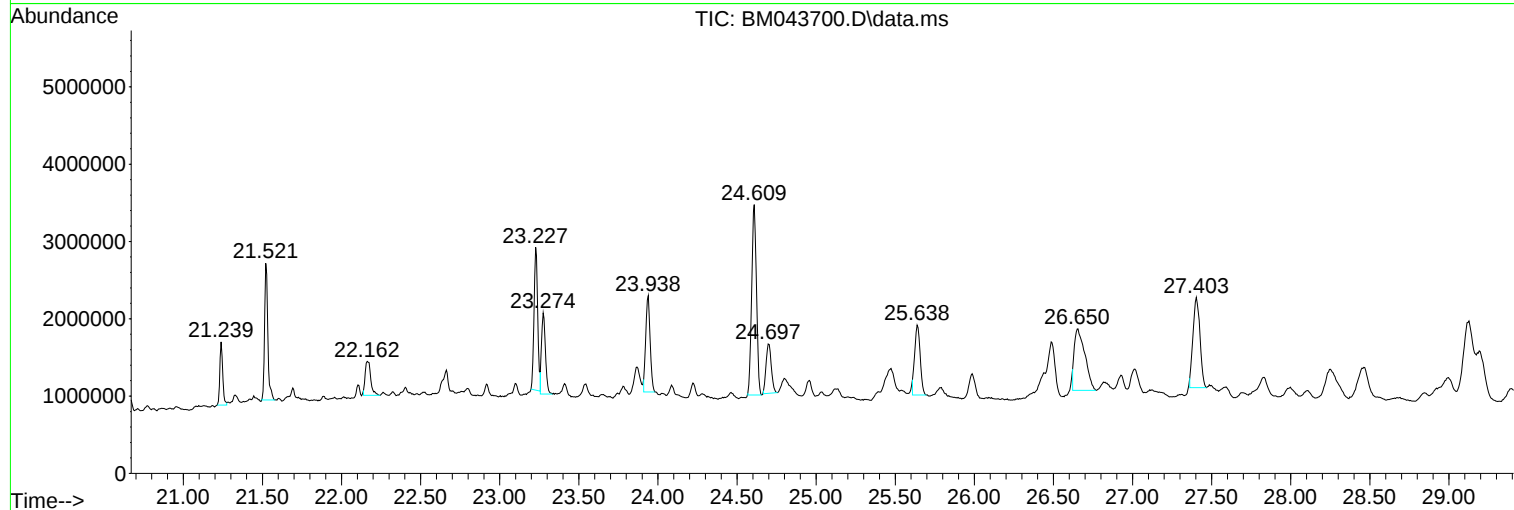
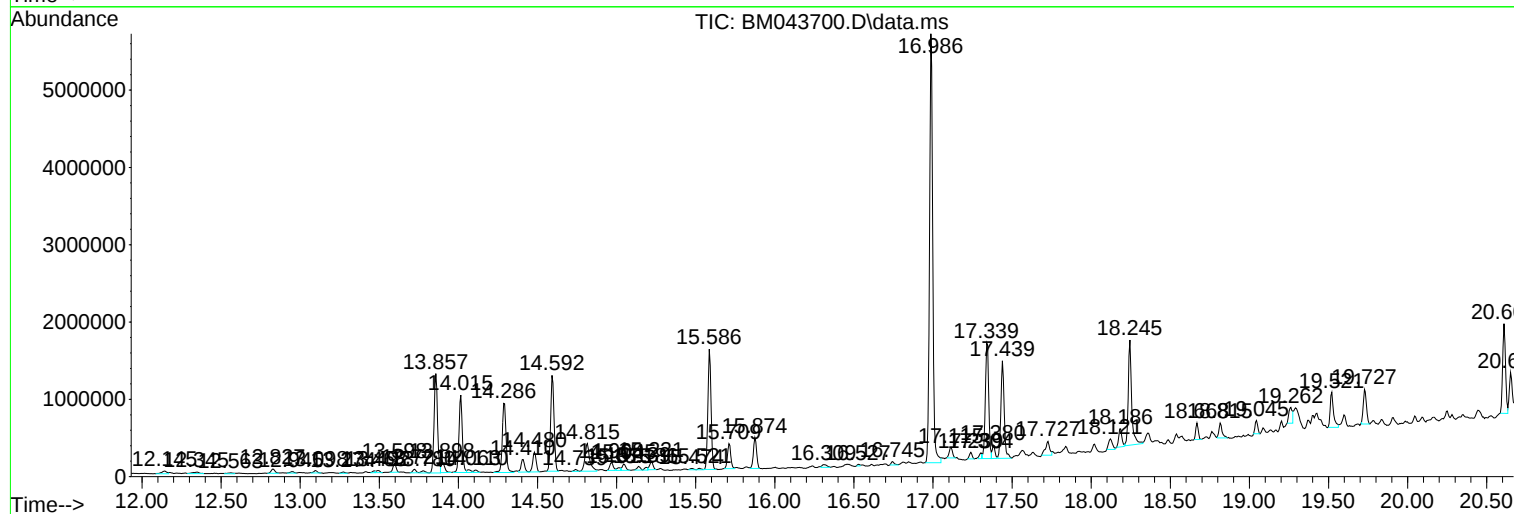
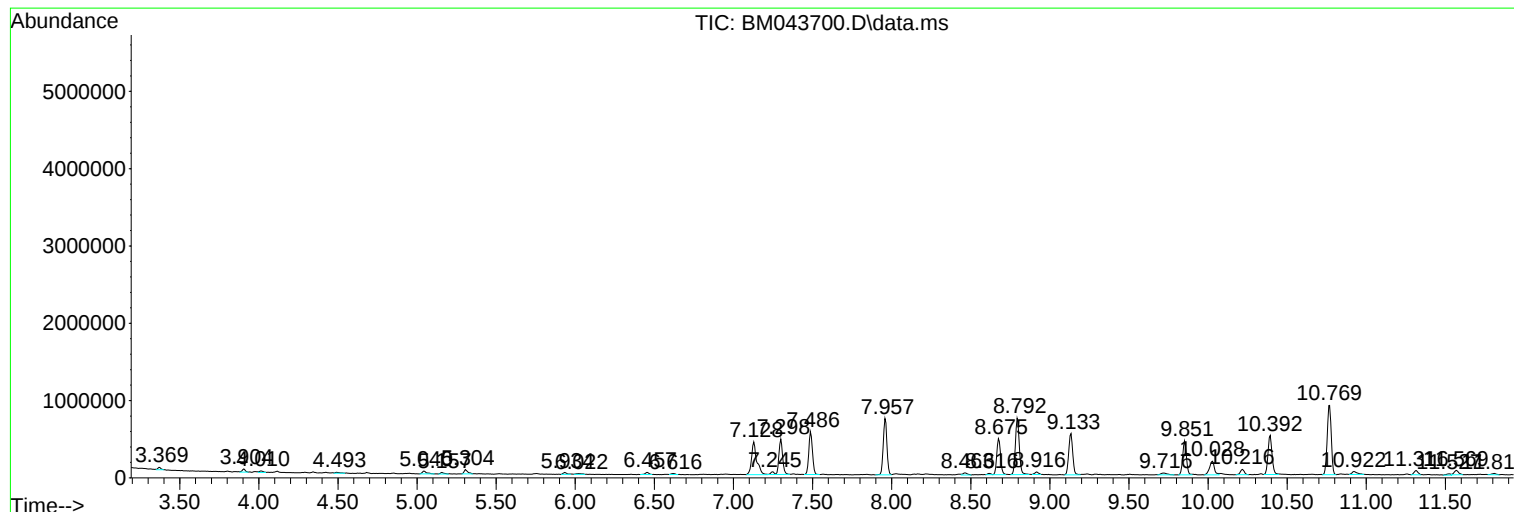
Sum of corrected areas: 72374258

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



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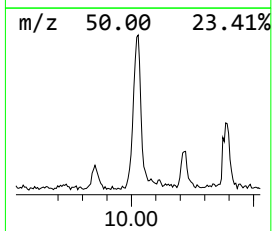
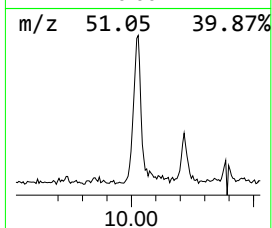
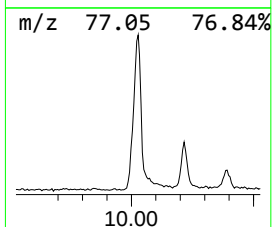
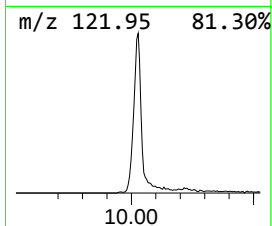
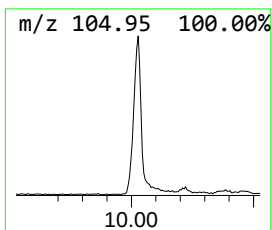
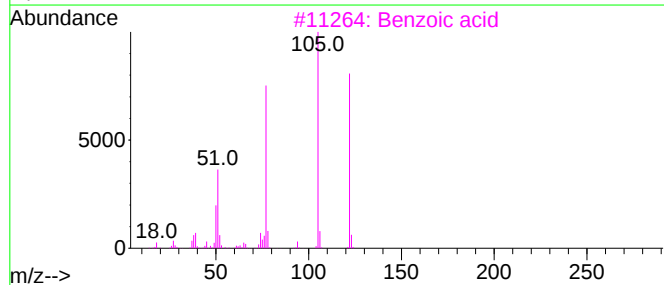
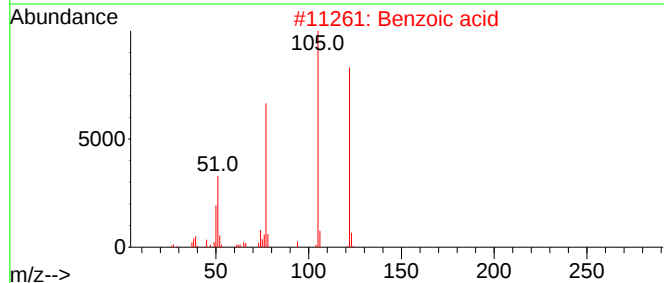
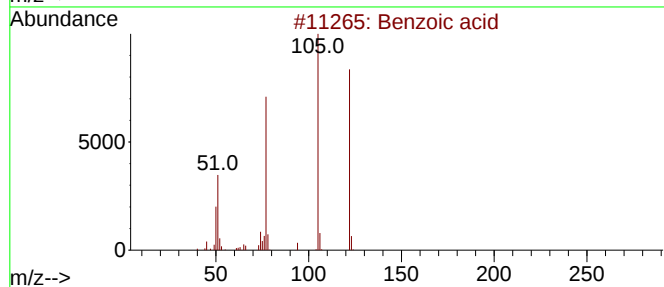
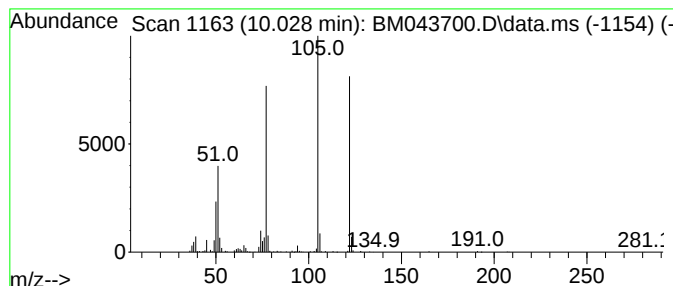
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	4.83 ng/ul	378240	Naphthalene-d8	10.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid	122	C7H6O2	000065-85-0	97
2			Benzoic acid	122	C7H6O2	000065-85-0	97
3			Benzoic acid	122	C7H6O2	000065-85-0	97
4			Benzoic acid	122	C7H6O2	000065-85-0	91
5			Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	90



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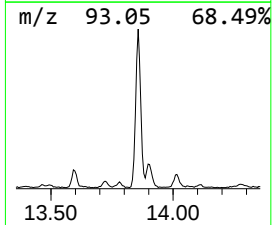
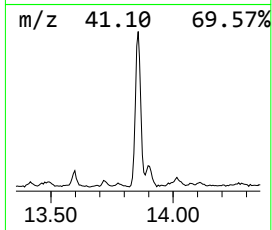
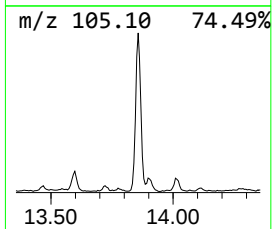
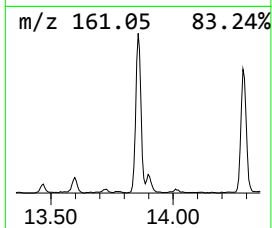
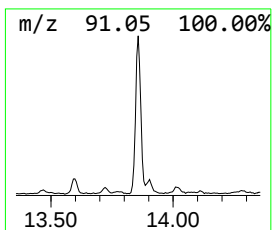
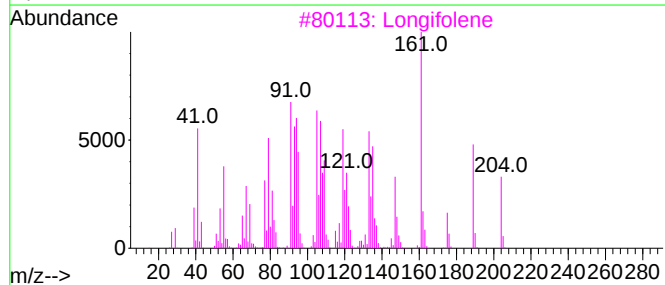
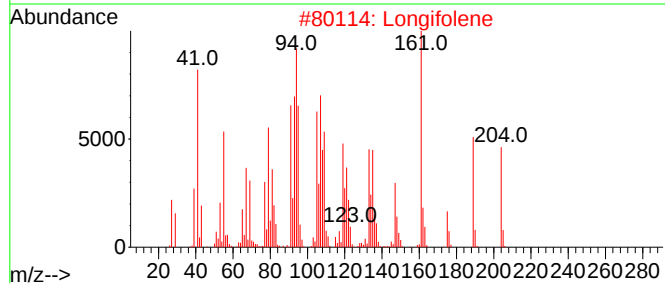
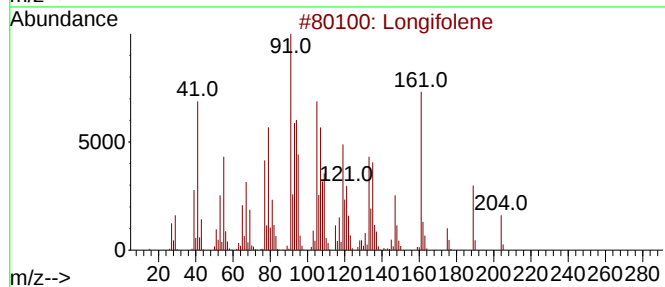
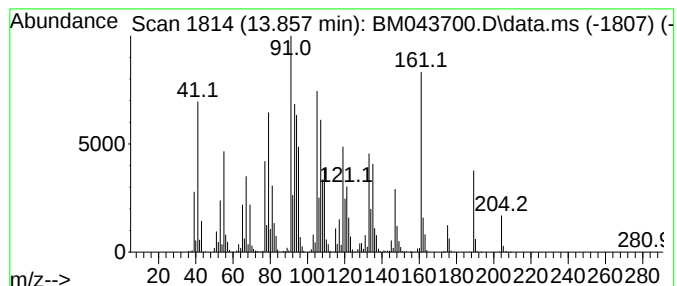
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	20.77 ng/ul	1929730	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
5			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	95



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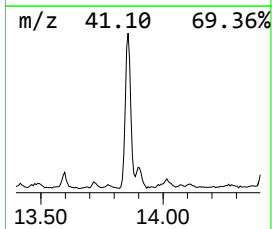
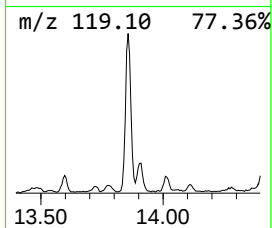
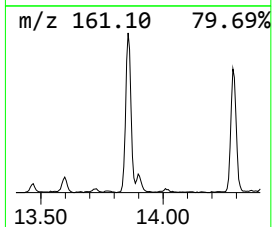
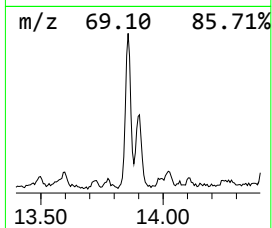
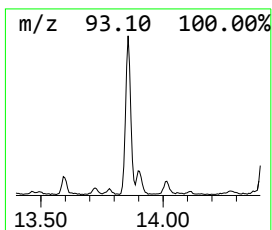
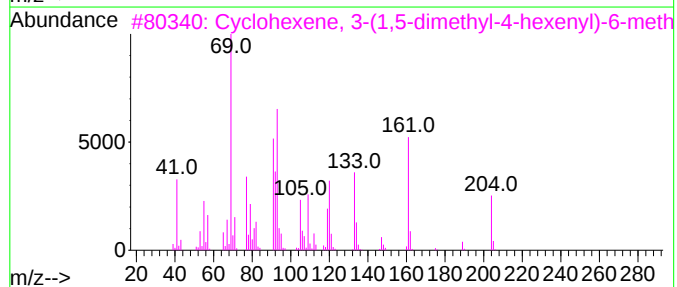
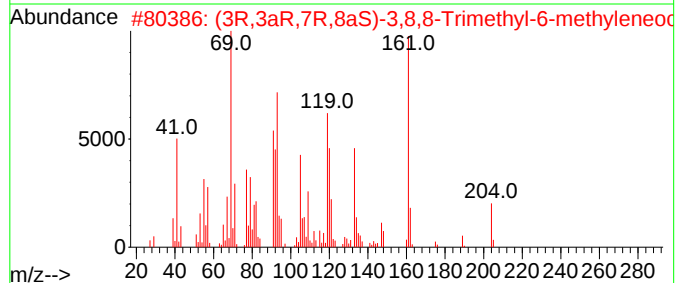
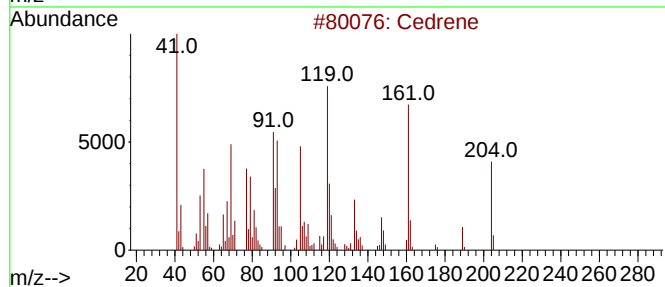
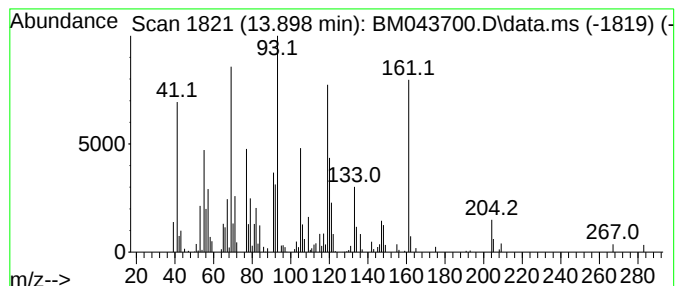
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cedrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	2.06 ng/ul	191313	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cedrene	204	C15H24	011028-42-5	83
2			(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	83
3			Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9	43
4			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	30
5			(1S,5S)-4-Methylene-1-((R)-6-met...	204	C15H24	058319-04-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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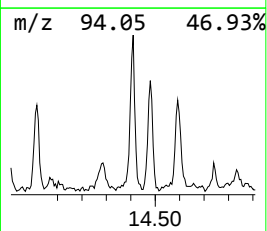
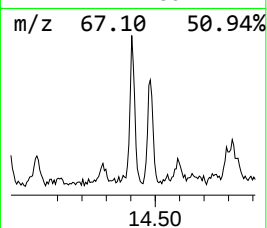
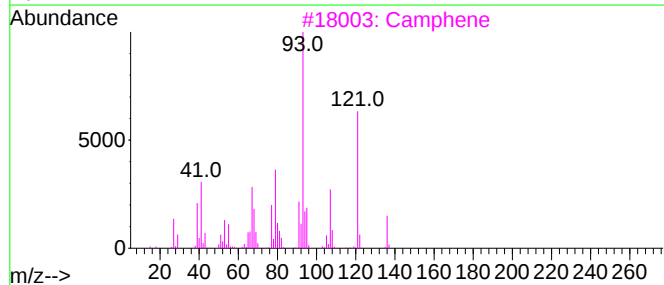
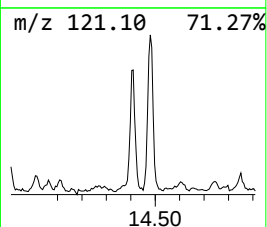
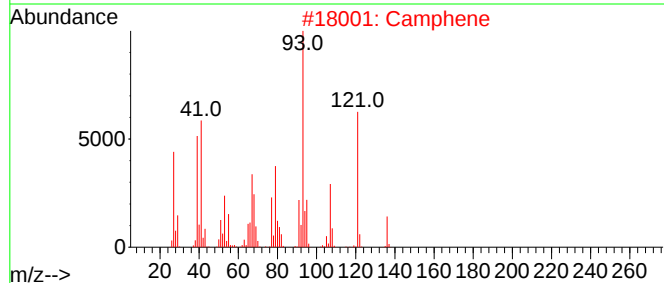
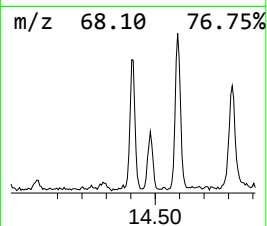
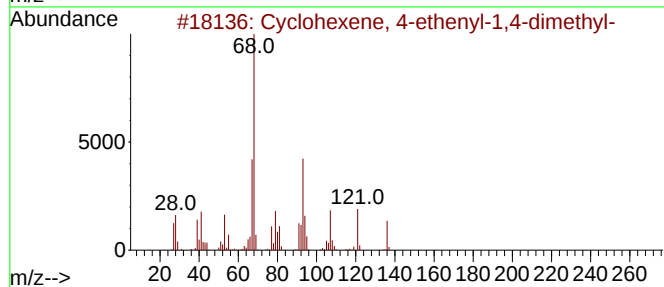
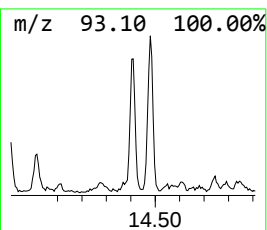
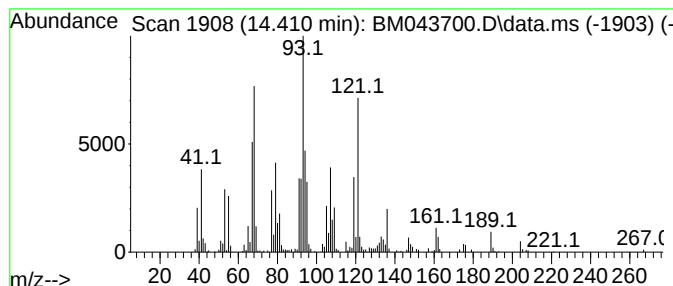
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclohexene, 4-ethenyl-1,4-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.410	2.70 ng/ul	250966	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	81
2			Camphene	136	C10H16	000079-92-5	60
3			Camphene	136	C10H16	000079-92-5	55
4			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	50
5			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	080923-88-2	50



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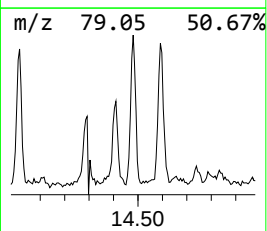
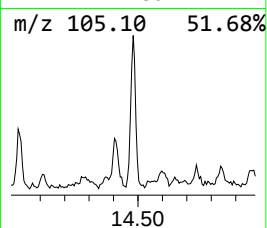
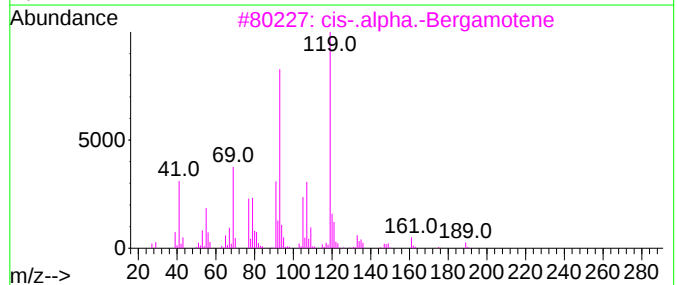
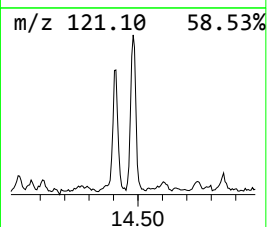
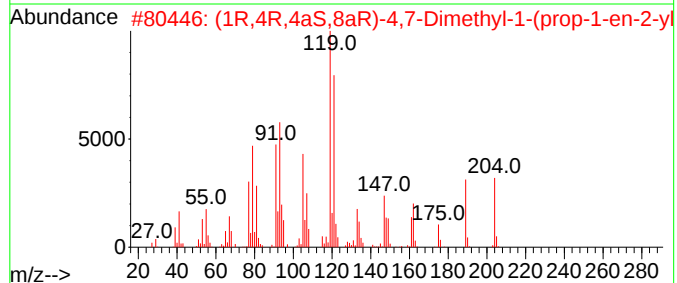
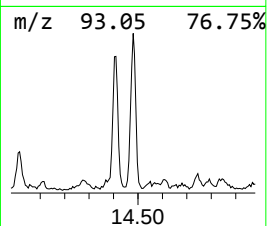
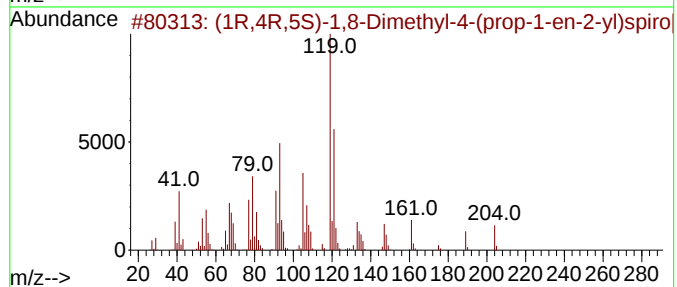
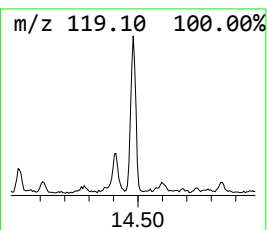
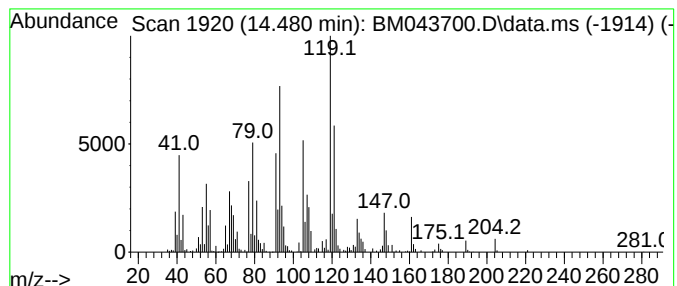
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (1R,4R,5S)-1,8-Dimethyl-4-(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.480	4.10 ng/ul	381039	Acenaphthene-d10	14.592	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4R,5S)-1,8-Dimethyl-4-(prop...	204	C15H24	729602-94-2	95
2	(1R,4R,4aS,8aR)-4,7-Dimethyl-1-(...	204	C15H24	092692-39-2	64
3	cis-.alpha.-Bergamotene	204	C15H24	018252-46-5	64
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	58
5	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
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Sample : 05920-01
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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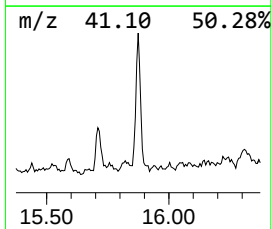
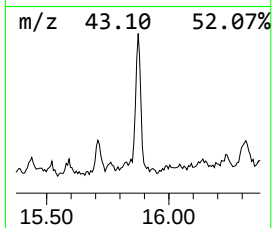
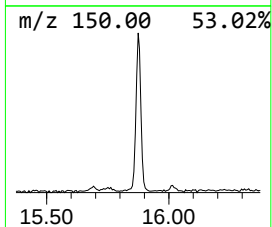
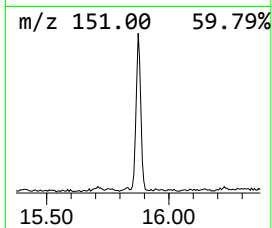
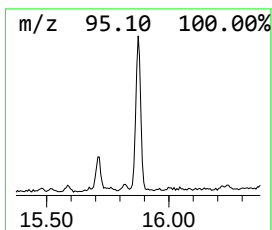
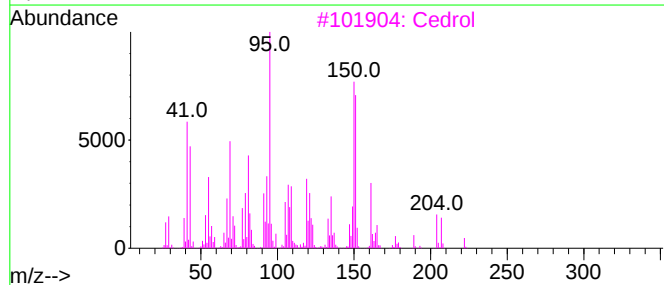
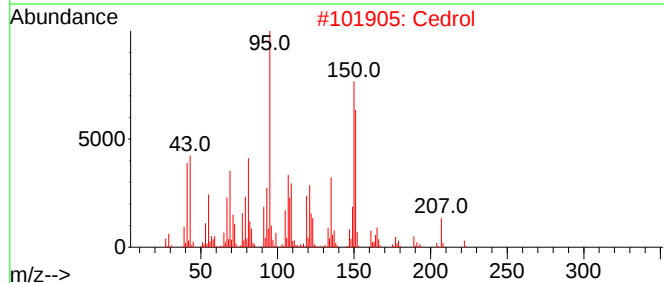
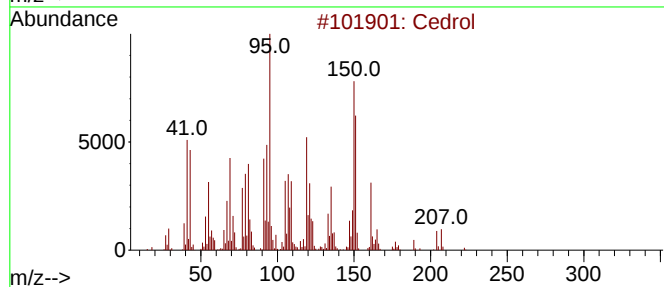
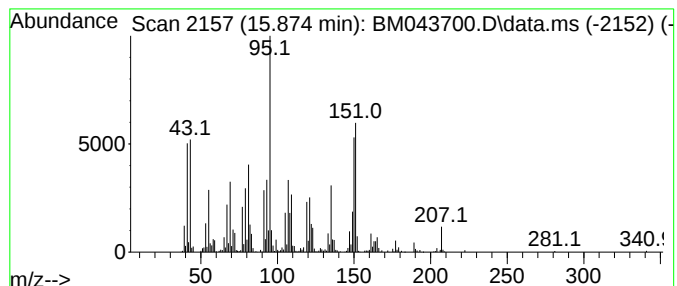
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cedrol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	5.98 ng/ul	556049	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cedrol	222	C15H26O	000077-53-2	93
2			Cedrol	222	C15H26O	000077-53-2	91
3			Cedrol	222	C15H26O	000077-53-2	90
4			(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	87
5			Cedrol	222	C15H26O	000077-53-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
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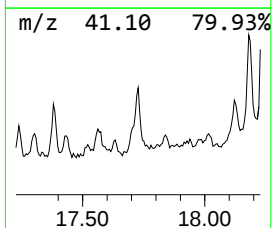
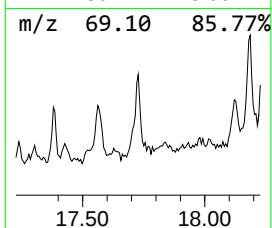
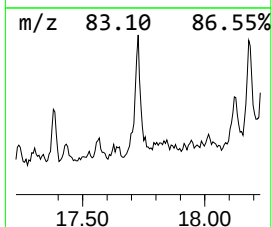
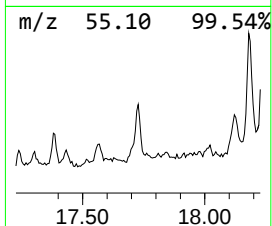
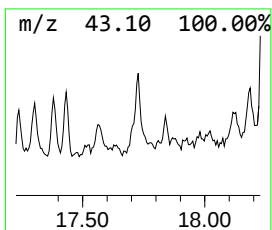
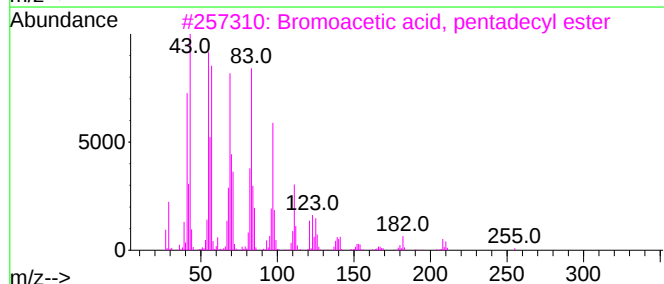
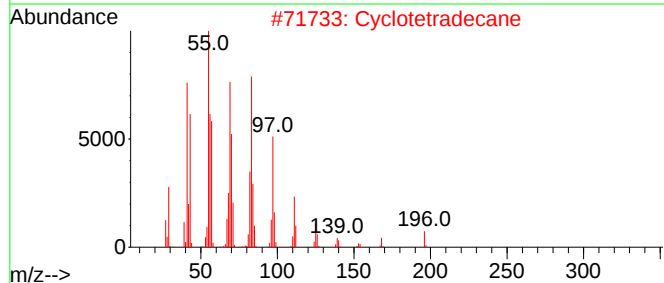
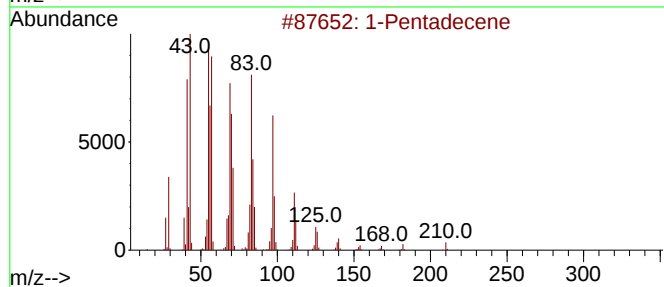
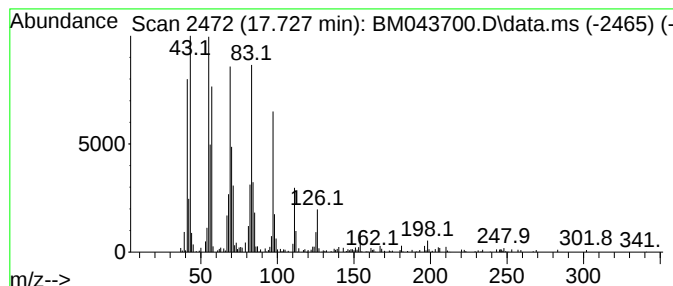
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	3.06 ng/ul	341222	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentadecene	210	C15H30	013360-61-7	95
2			Cyclotetradecane	196	C14H28	000295-17-0	93
3			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
4			Cyclohexadecane	224	C16H32	000295-65-8	90
5			1-Hexadecanol	242	C16H34O	036653-82-4	90



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Data File : BM043700.D
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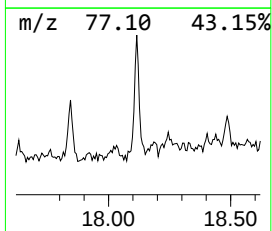
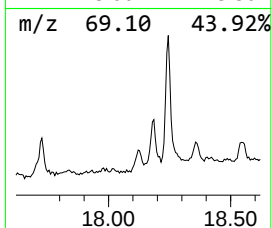
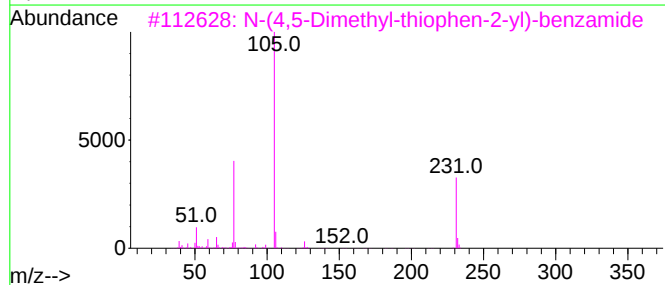
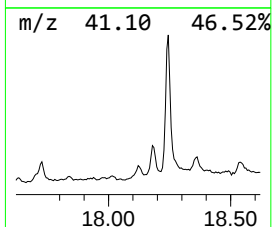
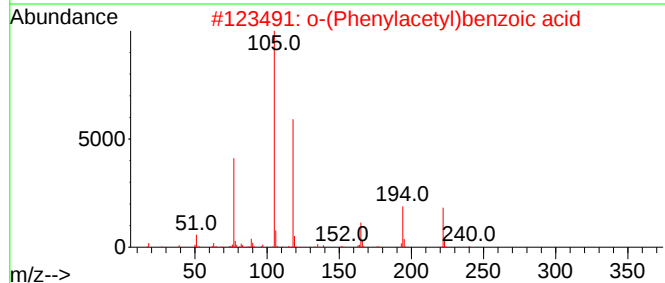
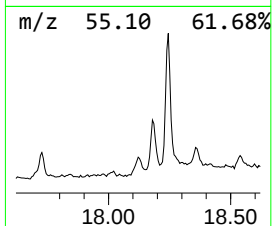
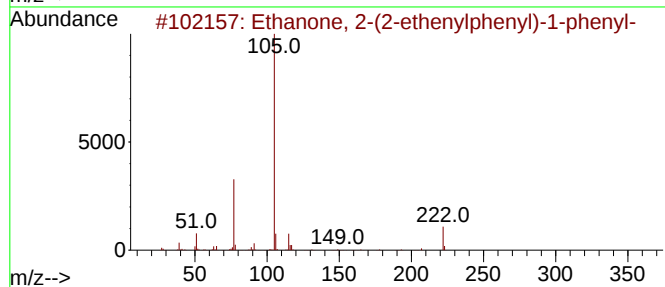
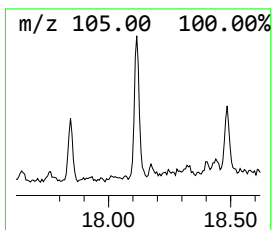
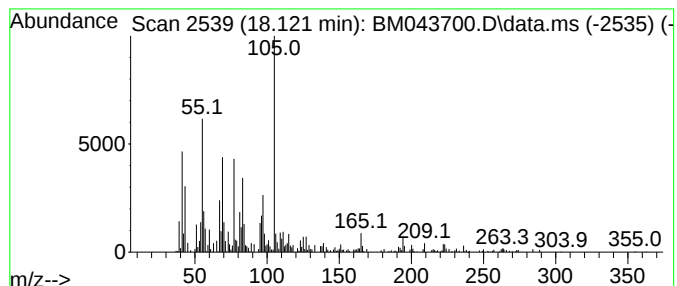
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.07 ng/ul	231177	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 2-(2-ethenylphenyl)-1-...	222	C16H14O	066657-90-7	41
2			o-(Phenylacetyl)benzoic acid	240	C15H12O3	033148-55-9	41
3			N-(4,5-Dimethyl-thiophen-2-yl)-b...	231	C13H13NOS	051948-21-1	41
4			Benzoic acid, 2-benzoylhydrazide	240	C14H12N2O2	000787-84-8	38
5			Benzoic acid, hept-2-yl ester	220	C14H20O2	1000368-69-4	38



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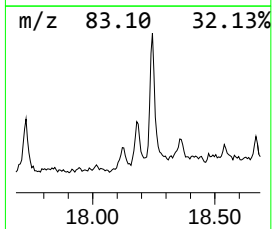
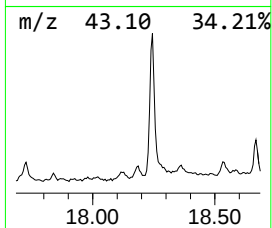
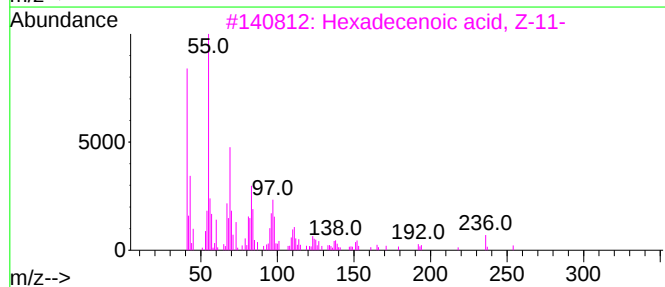
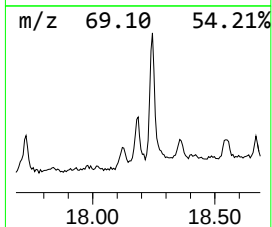
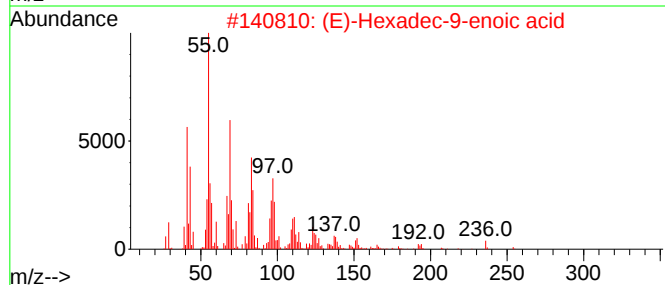
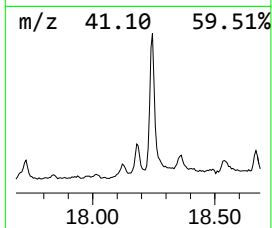
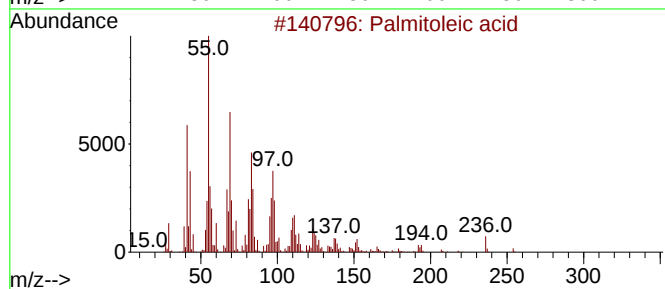
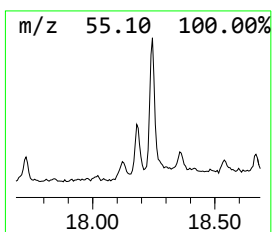
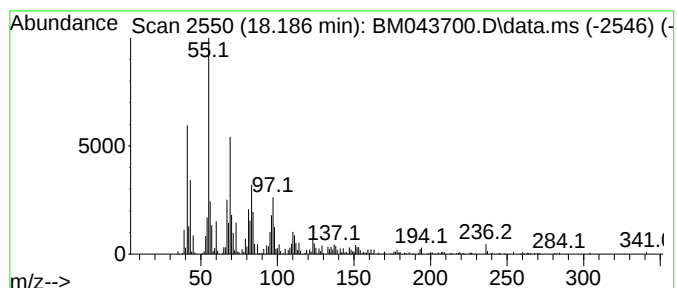
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Palmitoleic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	3.03 ng/ul	337729	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitoleic acid	254	C16H30O2	000373-49-9	98
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
3			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	96
4			cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
5			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
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ALS Vial : 13 Sample Multiplier: 1

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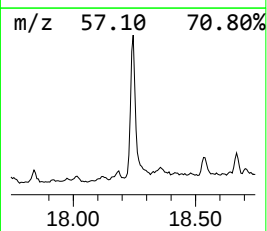
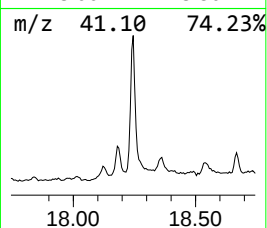
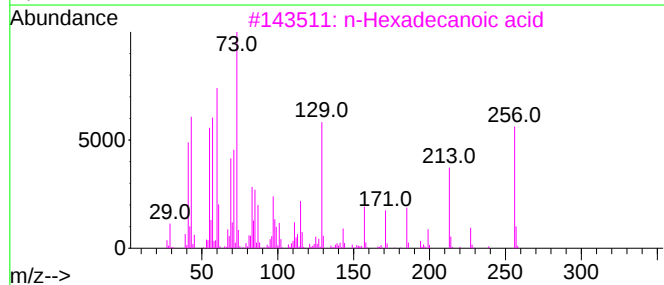
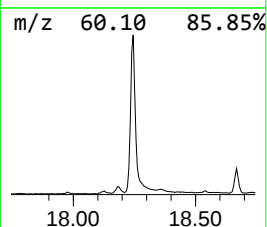
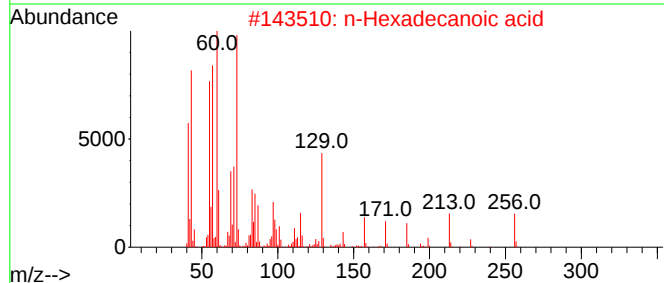
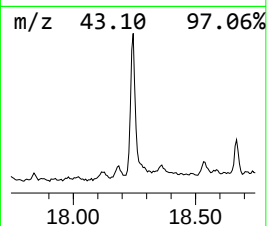
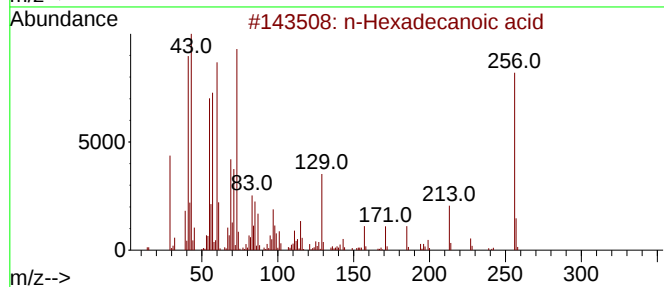
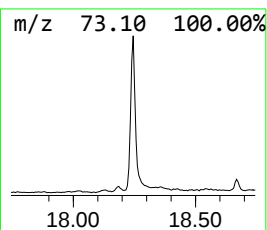
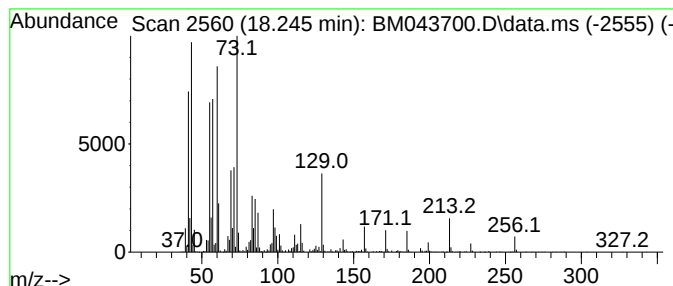
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	17.98 ng/ul	2006180	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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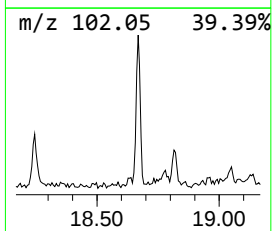
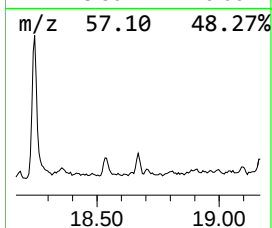
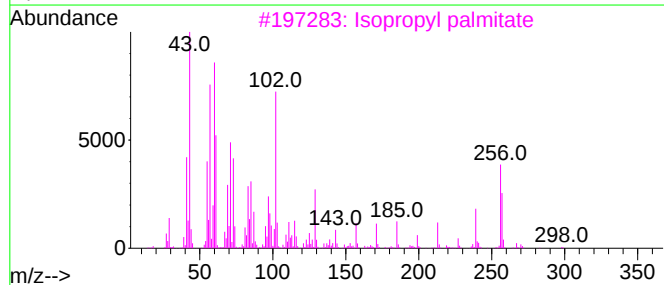
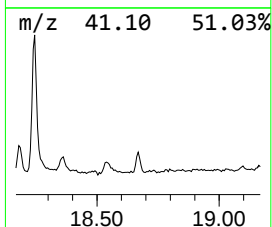
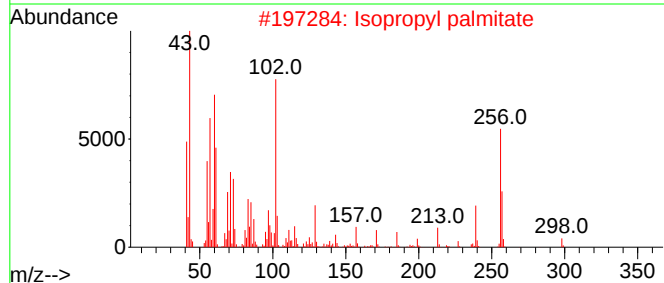
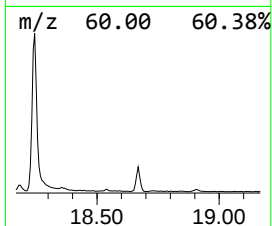
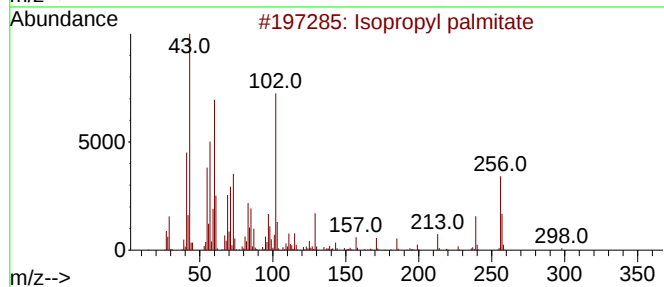
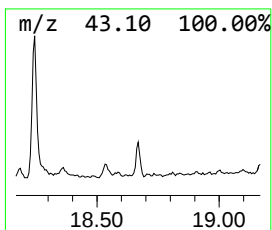
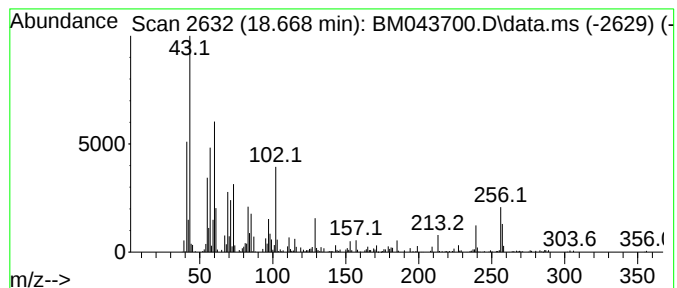
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Isopropyl palmitate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	2.07 ng/ul	230691	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	91
2			Isopropyl palmitate	298	C19H38O2	000142-91-6	59
3			Isopropyl palmitate	298	C19H38O2	000142-91-6	52
4			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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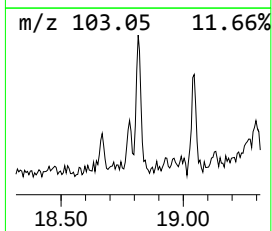
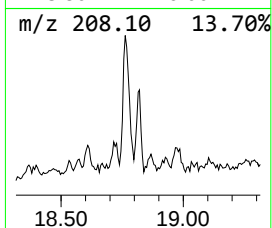
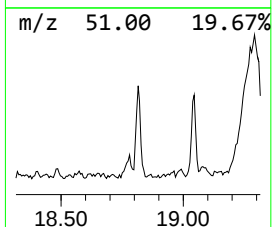
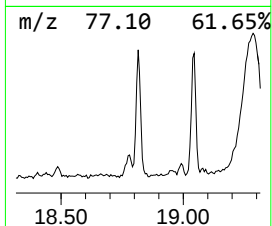
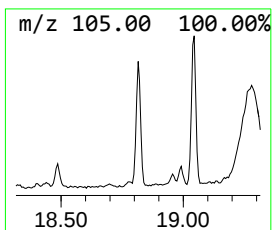
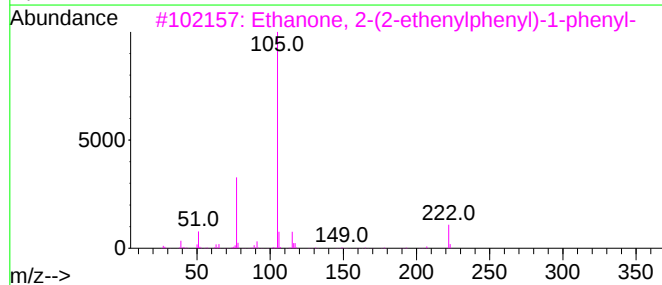
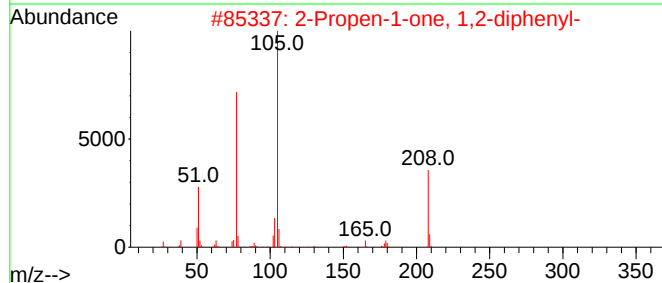
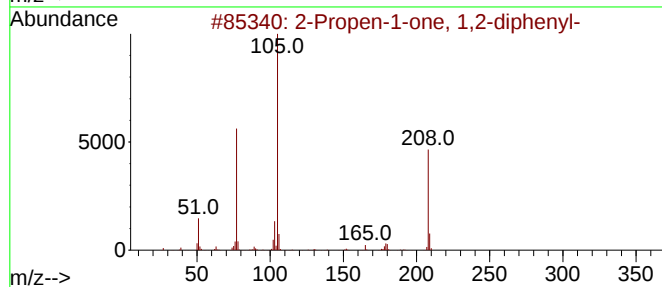
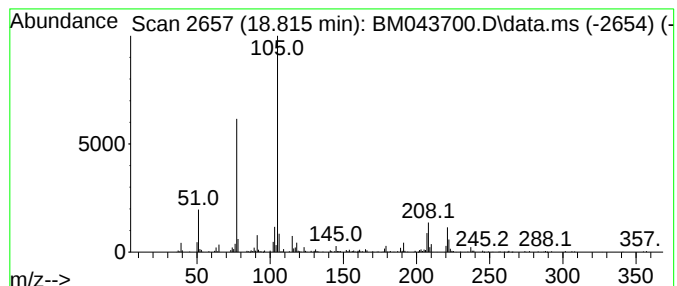
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2-Propen-1-one, 1,2-diphenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.815	2.39 ng/ul	266635	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	94
2			2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	81
3			Ethanone, 2-(2-ethenylphenyl)-1-...	222	C16H14O	066657-90-7	64
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	60
5			Acetic acid, nitroso-benzoyl-, e...	221	C11H11NO4	1000261-71-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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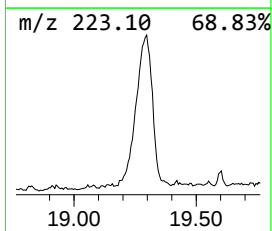
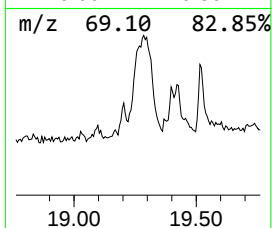
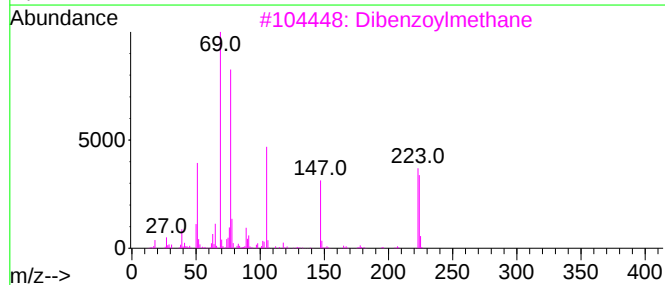
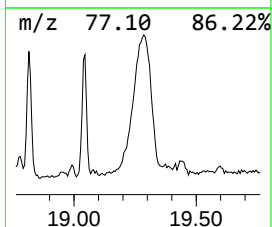
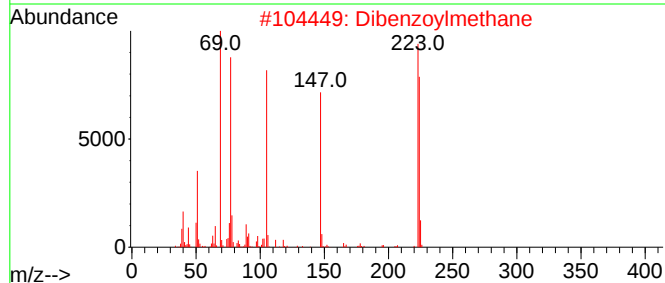
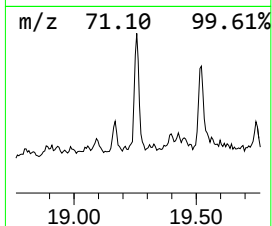
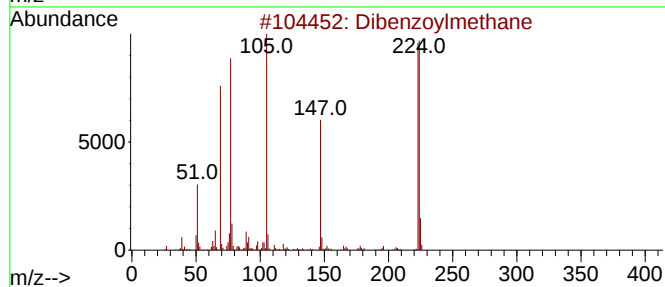
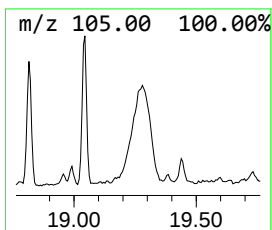
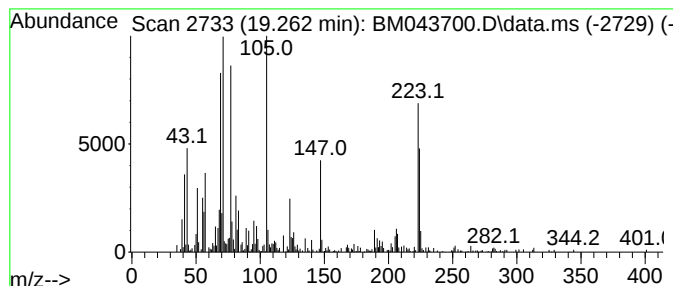
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Dibenzoylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	2.96 ng/ul	330059	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzoylmethane	224	C15H12O2	000120-46-7	99
2			Dibenzoylmethane	224	C15H12O2	000120-46-7	95
3			Dibenzoylmethane	224	C15H12O2	000120-46-7	86
4			2-Propen-1-one, 3-hydroxy-1,3-di...	224	C15H12O2	001704-15-0	70
5			Dibenzoylmethane	224	C15H12O2	000120-46-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
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Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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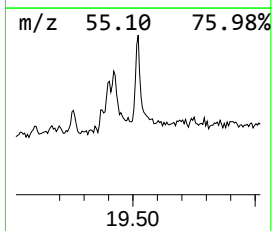
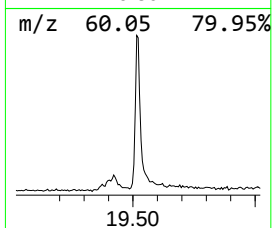
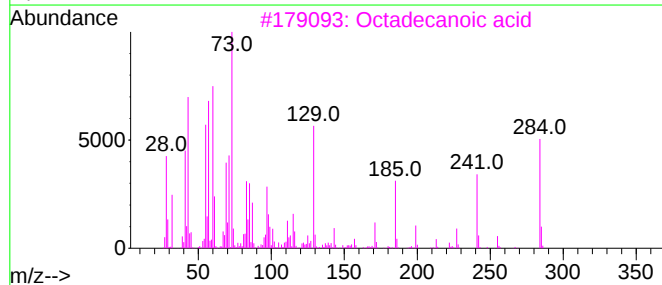
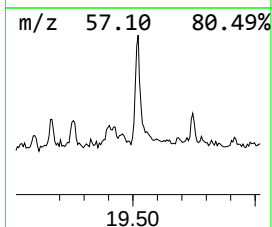
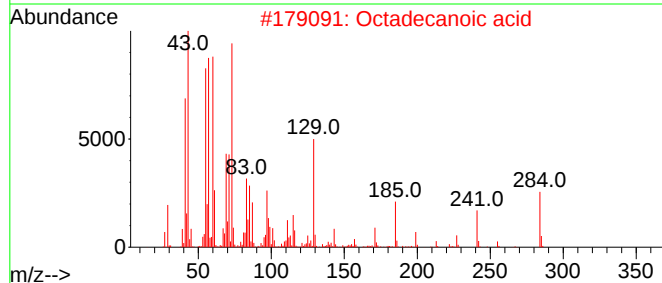
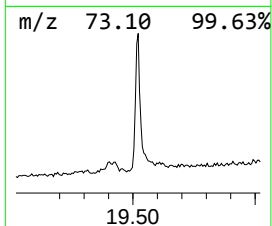
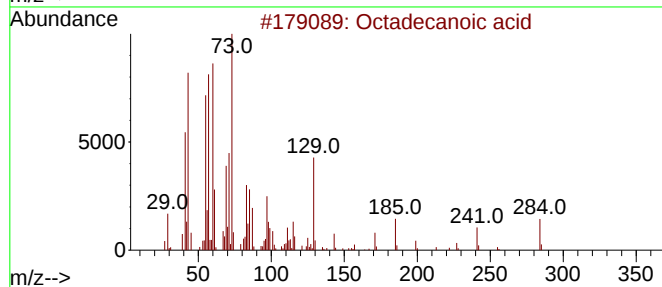
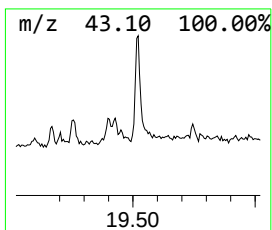
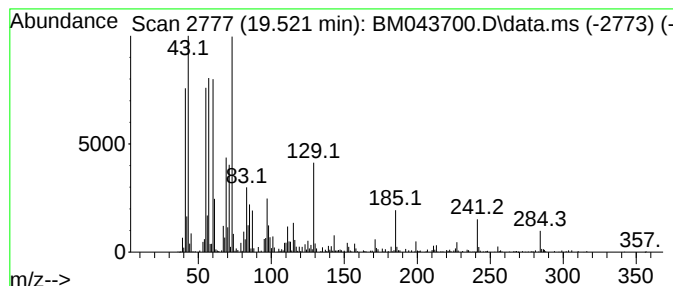
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	5.38 ng/ul	672137	Chrysene-d12	21.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
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Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

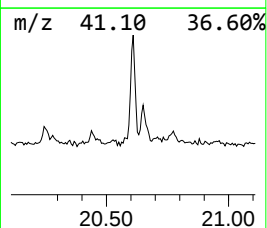
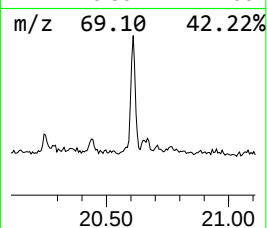
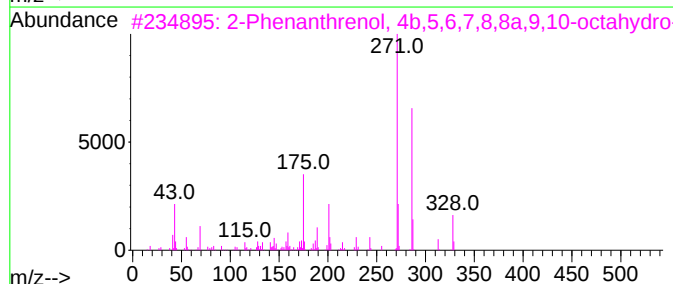
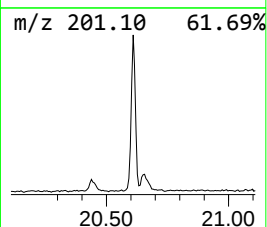
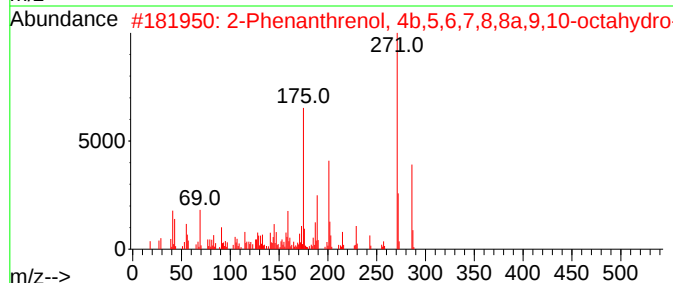
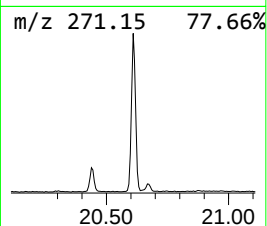
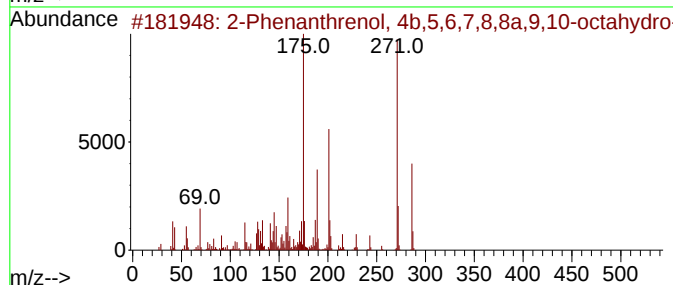
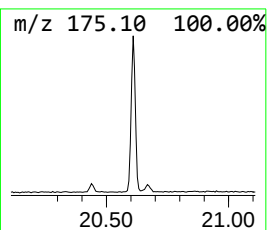
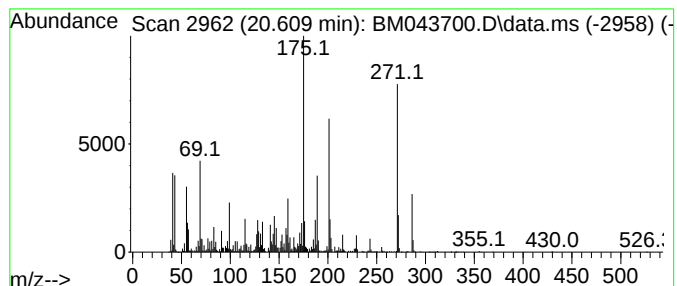
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.609	11.52 ng/ul	1439780	Chrysene-d12	21.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	83
4	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	81
5	Pisiferol	302	C20H30O2	024035-36-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
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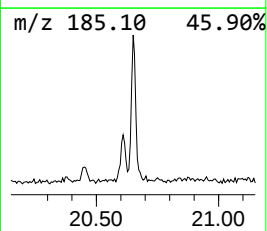
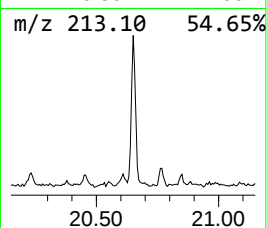
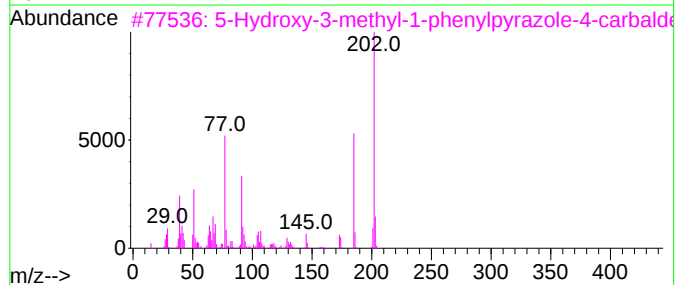
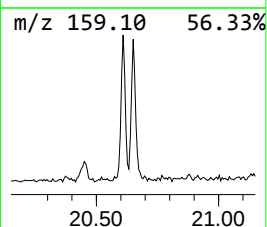
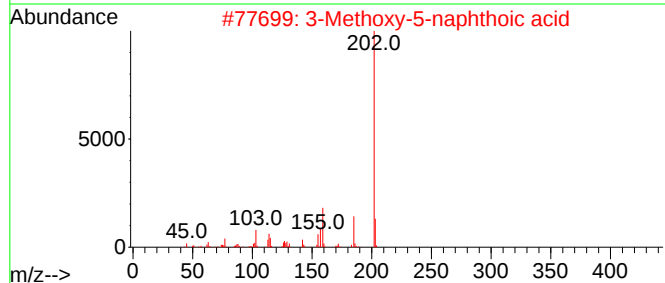
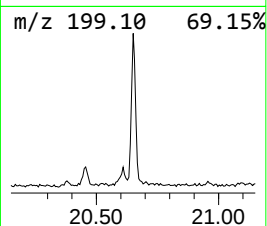
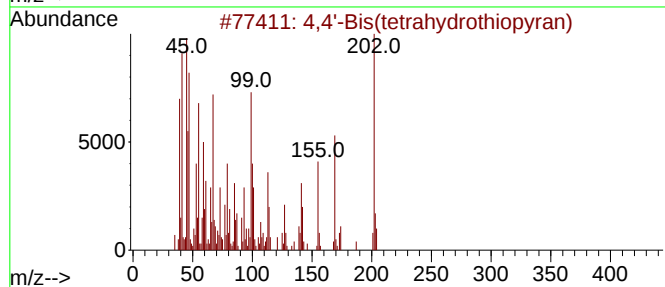
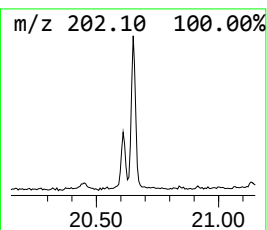
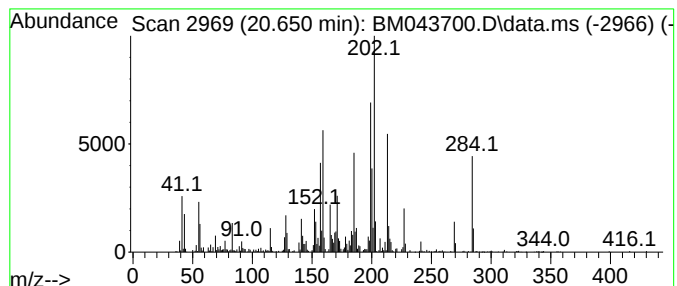
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.650	5.92 ng/ul	739821	Chrysene-d12	21.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2			3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	46
3			5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	35
4			1,4-Naphthoquinone, 5-ethoxy-	202	C12H10O3	022924-19-2	25
5			4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

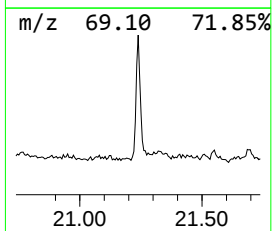
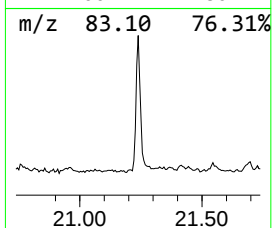
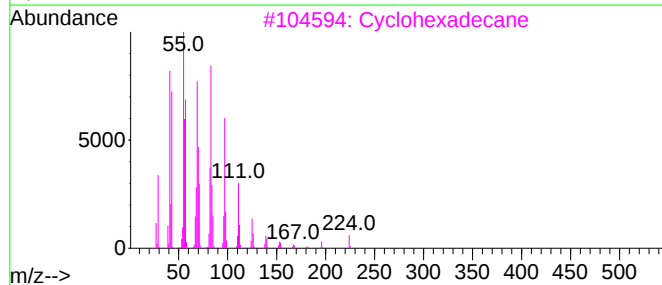
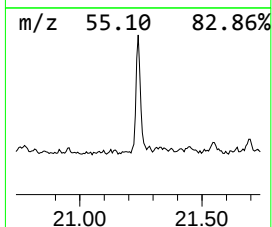
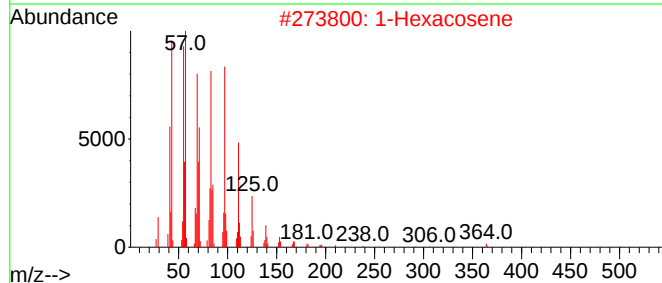
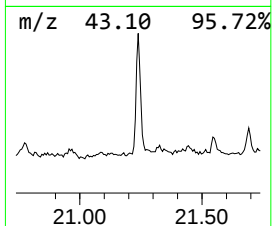
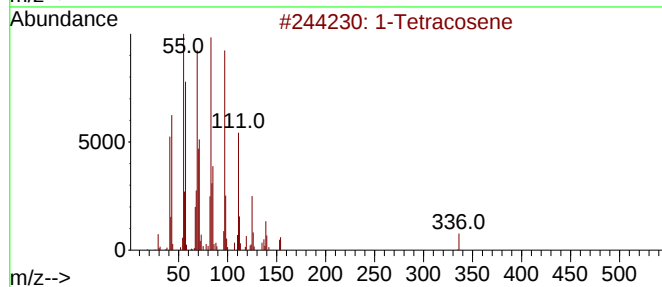
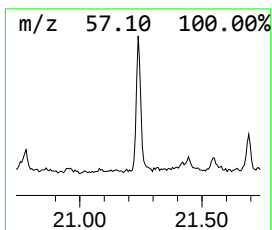
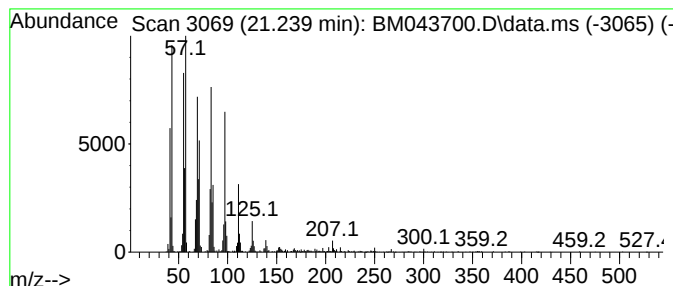
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.238	8.25 ng/ul	1030950	Chrysene-d12	21.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
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Instrument :
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ClientSampleId :
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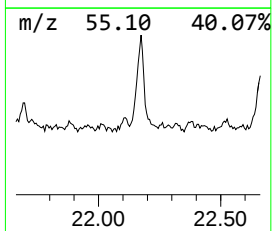
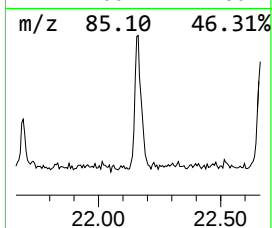
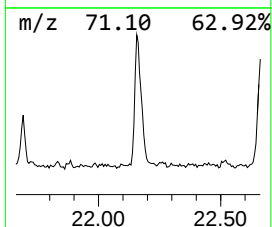
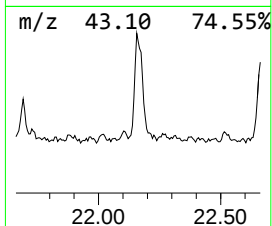
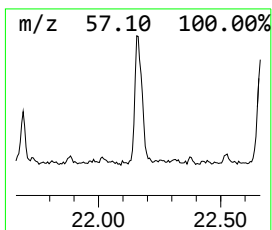
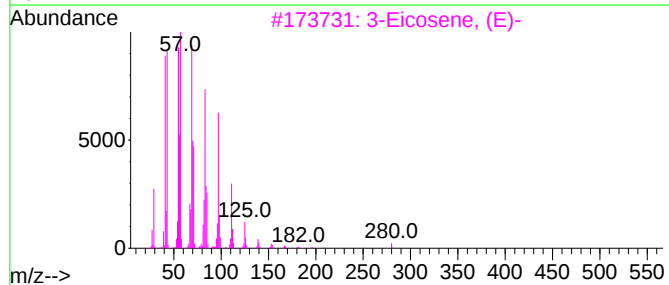
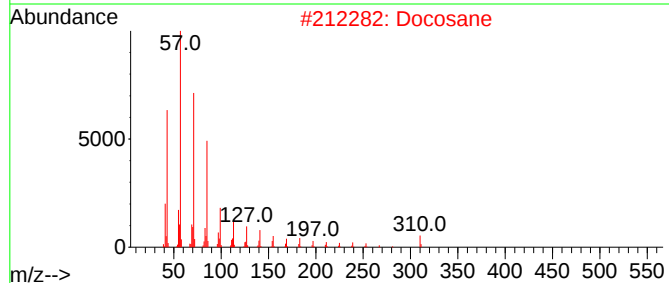
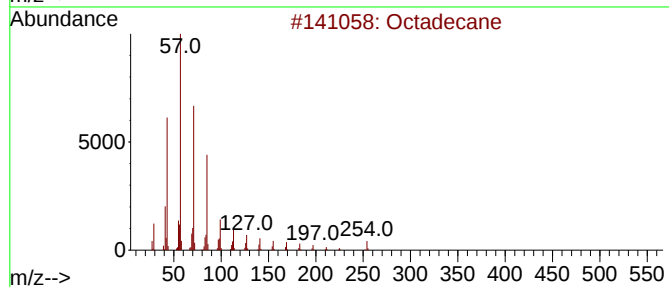
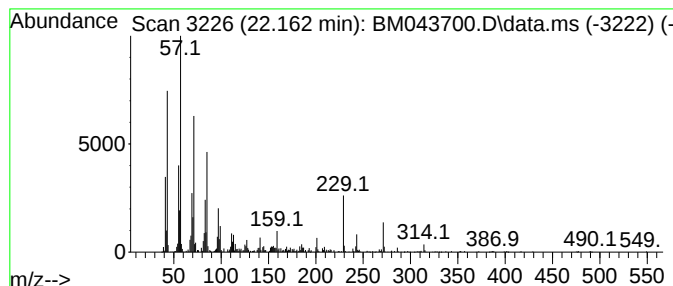
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.162	8.60 ng/ul	1075050	Chrysene-d12	21.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Docosane	310	C22H46	000629-97-0	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4			Heptadecane	240	C17H36	000629-78-7	78
5			Tritetracontane	605	C43H88	007098-21-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF54

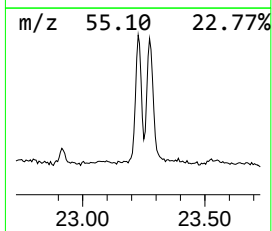
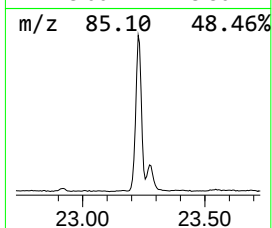
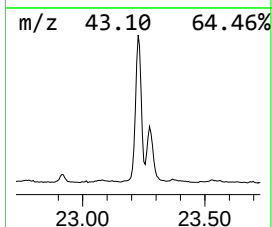
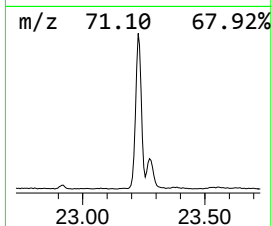
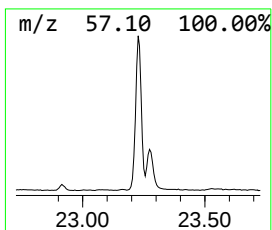
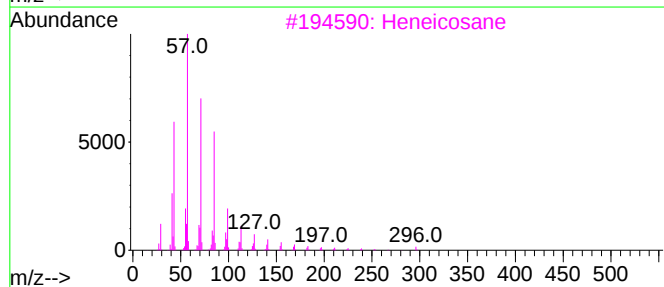
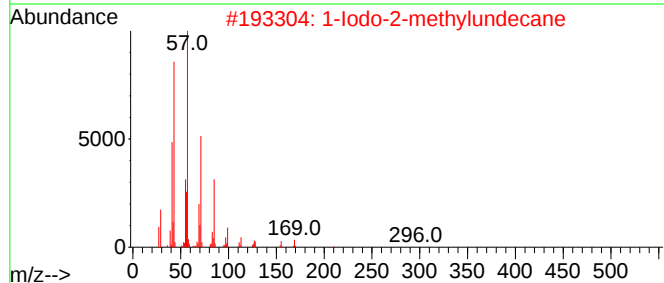
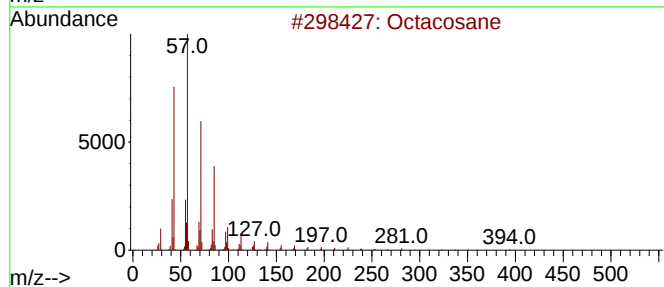
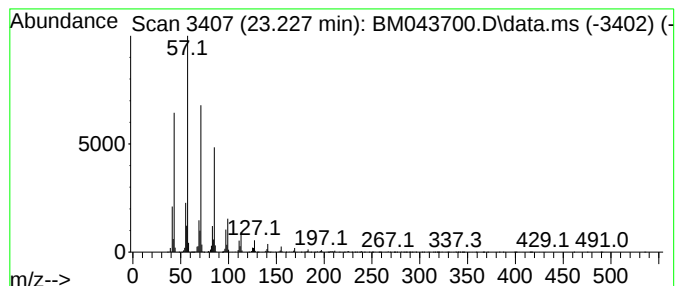
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	25.36 ng/ul	3022380	Perylene-d12	23.938

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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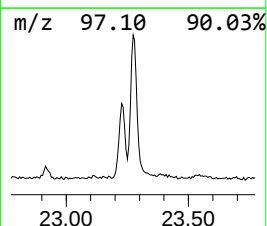
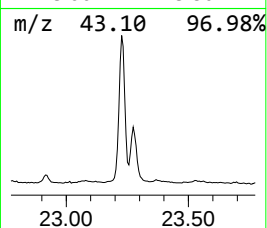
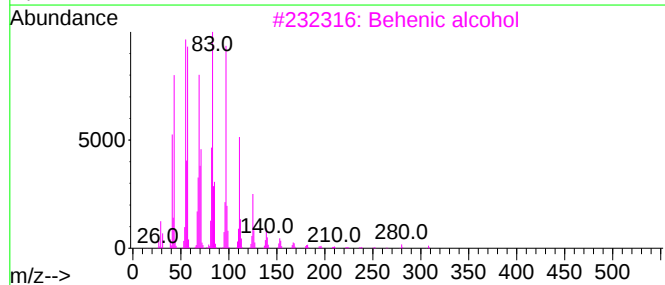
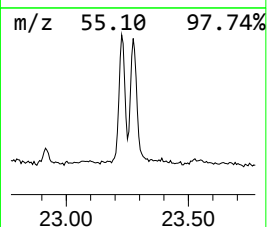
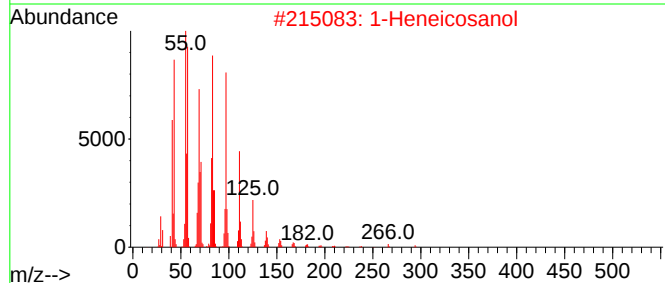
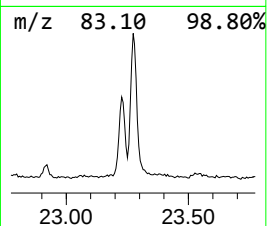
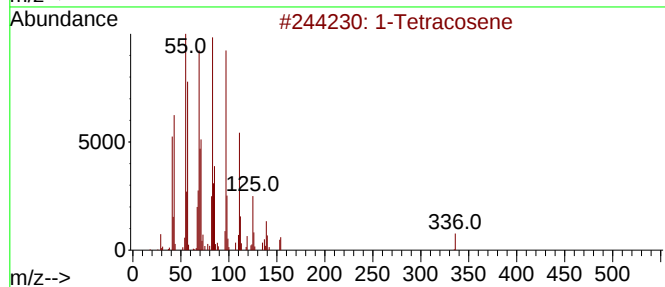
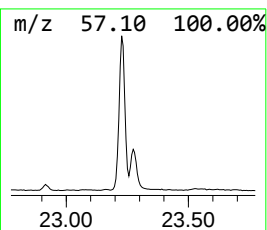
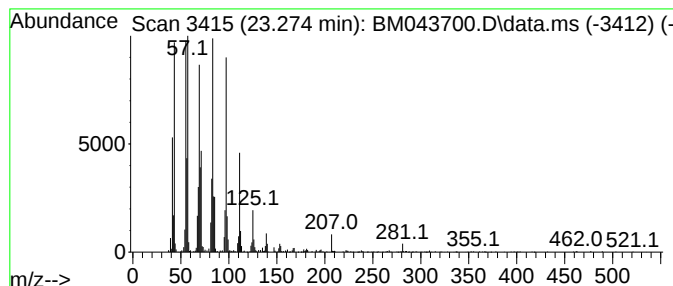
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.274	14.80 ng/ul	1764230	Perylene-d12	23.938

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Tetracosene	336	C24H48	010192-32-2	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		1-Tetracosene	336	C24H48	010192-32-2	94
5		Pentacos-1-ene	350	C25H50	016980-85-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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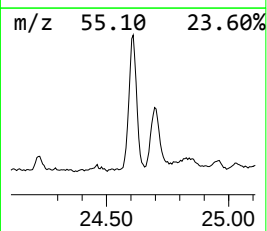
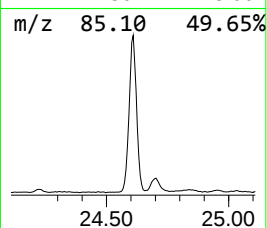
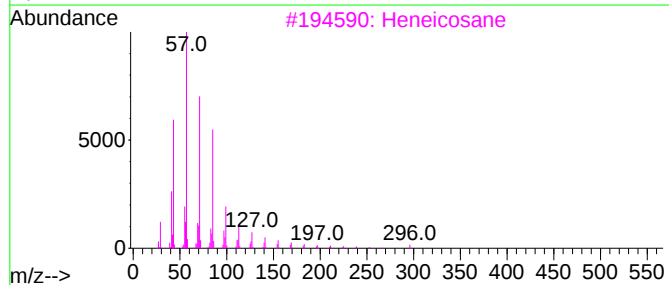
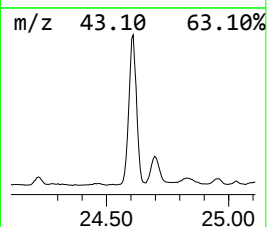
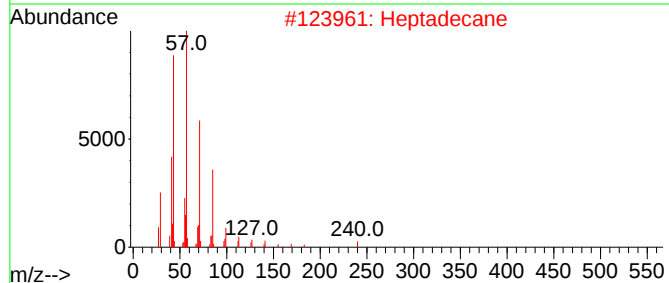
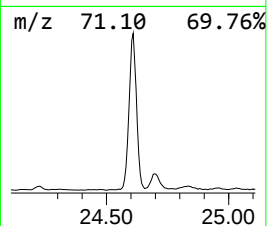
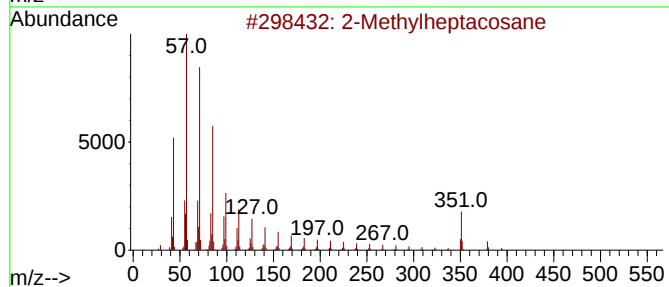
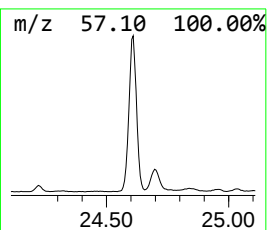
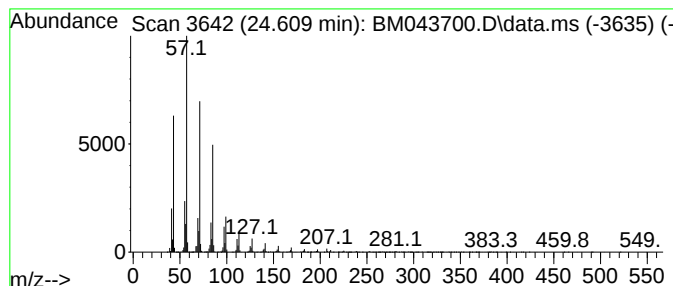
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.609	43.58 ng/ul	5193790	Perylene-d12	23.938

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylheptacosane	394	C28H58	001561-00-8	97
2		Heptadecane	240	C17H36	000629-78-7	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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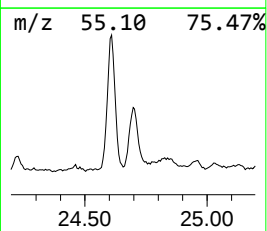
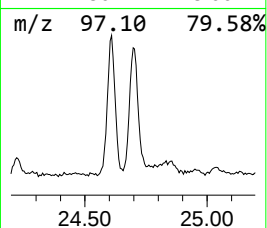
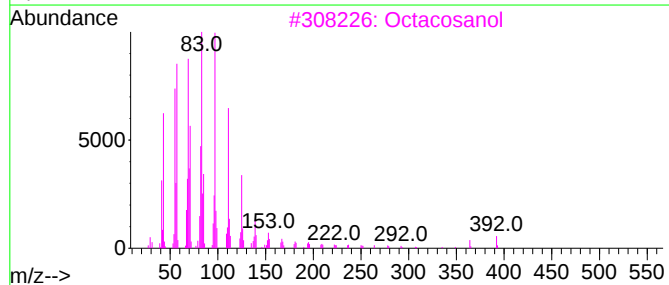
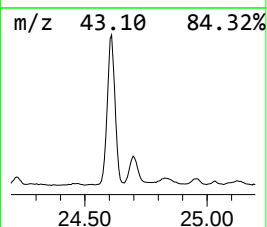
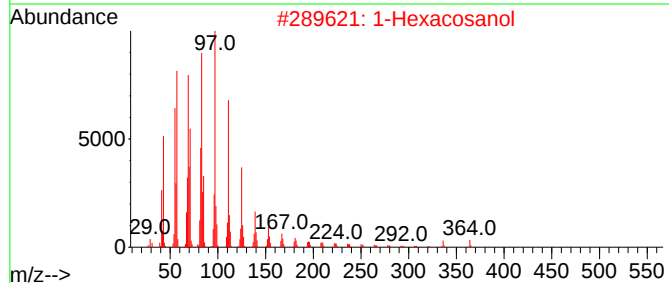
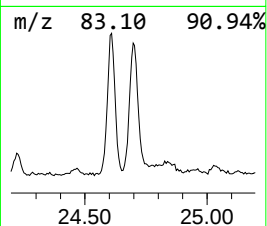
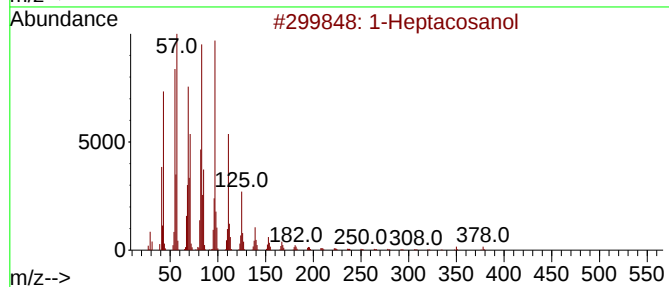
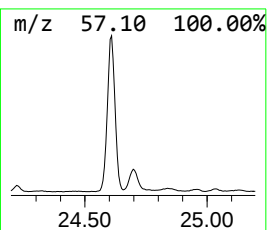
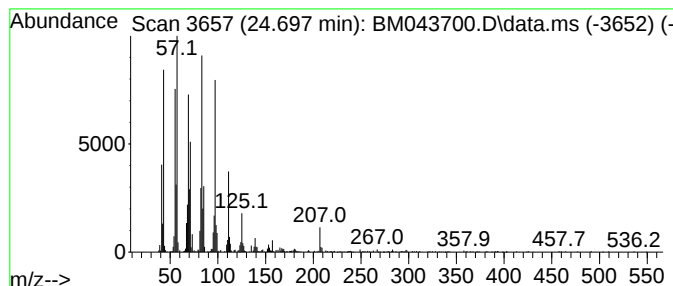
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.697	12.17 ng/ul	1450290	Perylene-d12	23.938

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	90
2			1-Hexacosanol	382	C26H54O	000506-52-5	81
3			Octacosanol	410	C28H58O	000557-61-9	81
4			Triacontan-15-ol	438	C30H62O	031849-26-0	76
5			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
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Sample : 05920-01
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ALS Vial : 13 Sample Multiplier: 1

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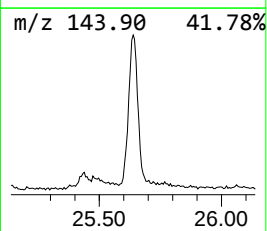
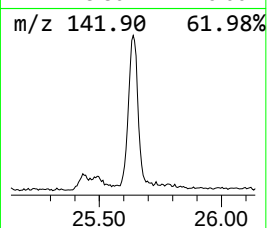
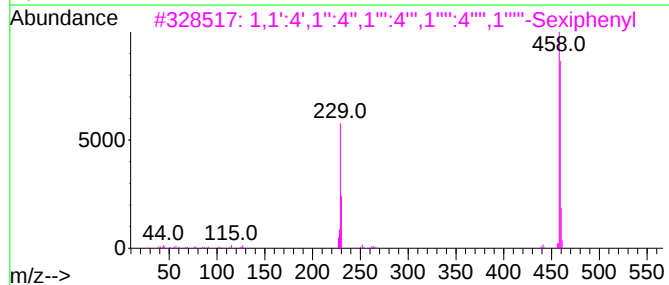
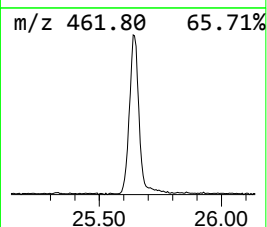
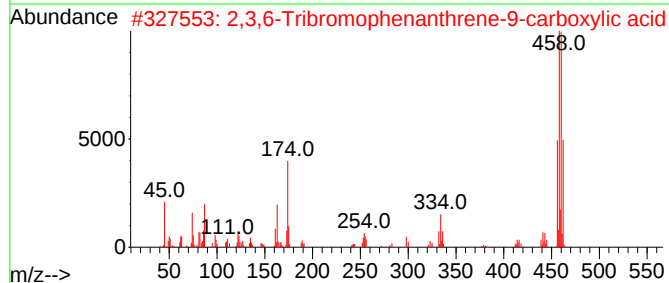
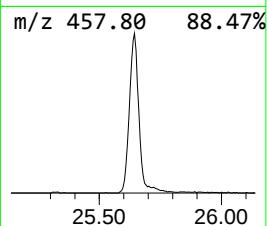
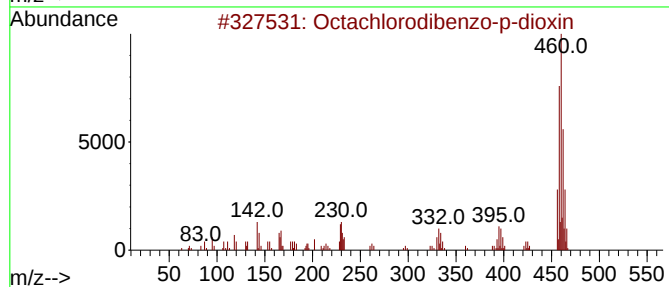
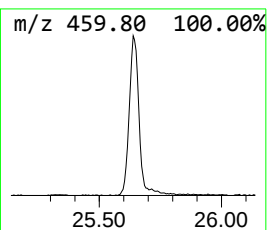
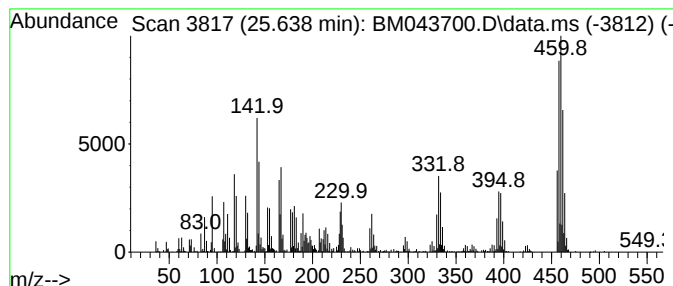
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Octachlorodibenzo-p-dioxin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.638	18.22 ng/ul	2171560	Perylene-d12	23.938

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	93
2			2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	46
3			1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	10
4			1,1':4',1'':4'',1''':4''',1'''':...	458	C36H26	004499-83-6	10
5			Moracin M, 3TMS	458	C23H34O4Si3	1000501-75-2	7



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Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GCF54

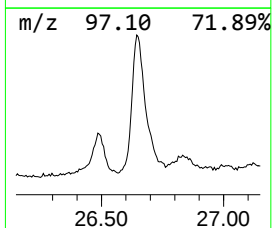
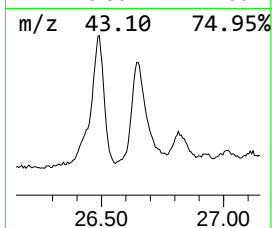
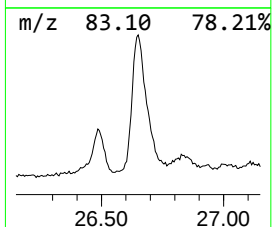
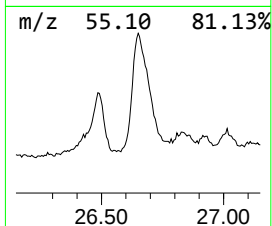
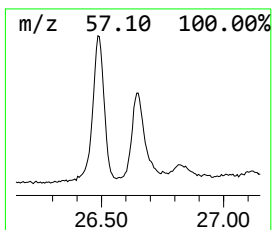
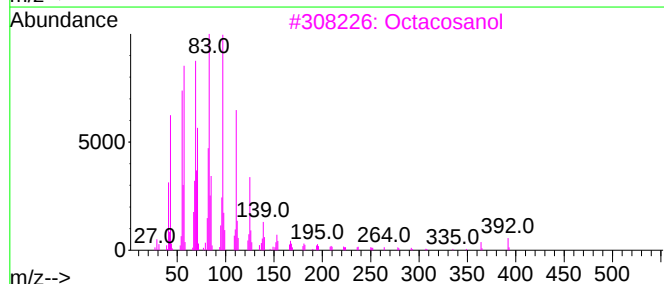
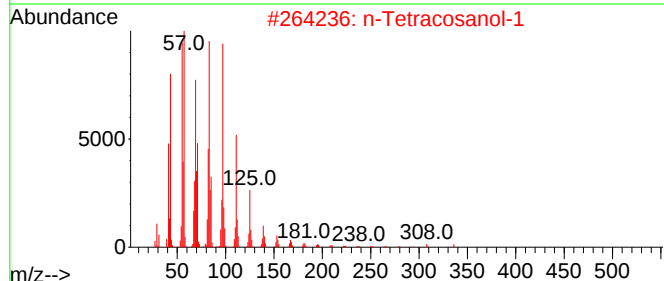
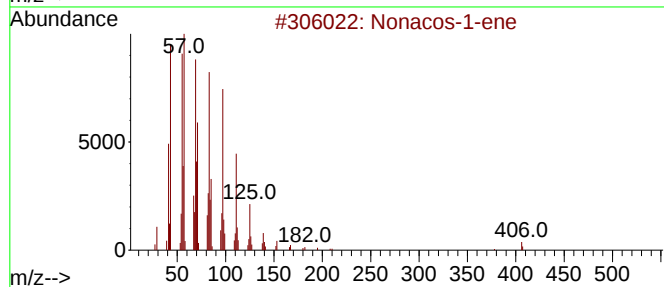
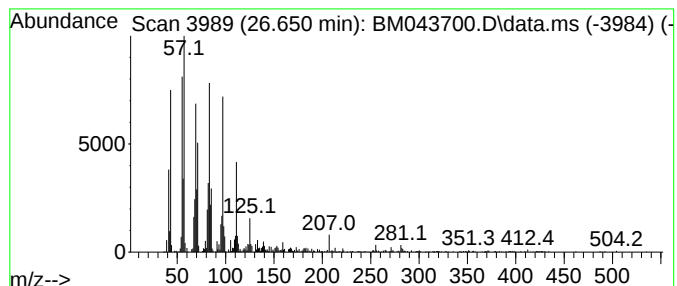
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.650	30.67 ng/ul	3654570	Perylene-d12	23.938

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacos-1-ene	406	C29H58	018835-35-3	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			Octacosanol	410	C28H58O	000557-61-9	91
4			Octacosanol	410	C28H58O	000557-61-9	91
5			1-Hexacosene	364	C26H52	018835-33-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF54

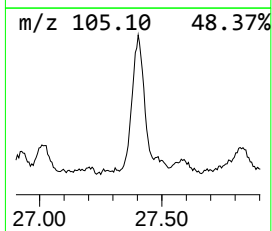
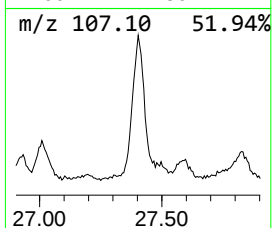
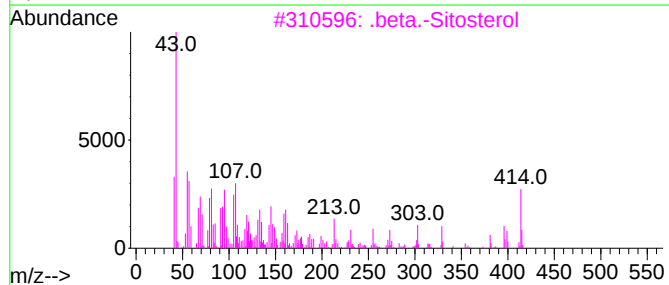
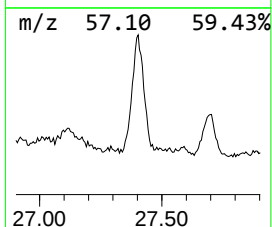
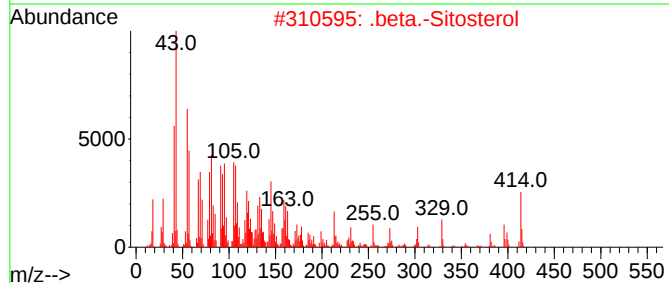
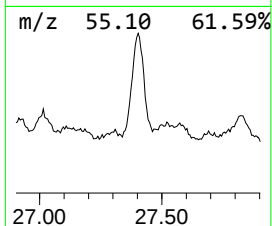
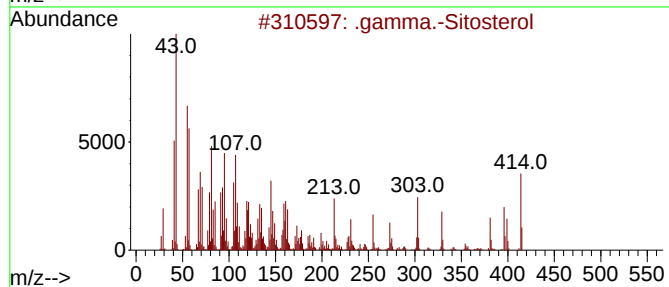
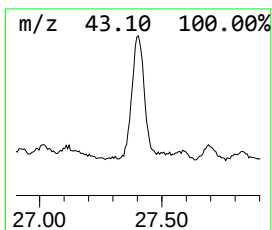
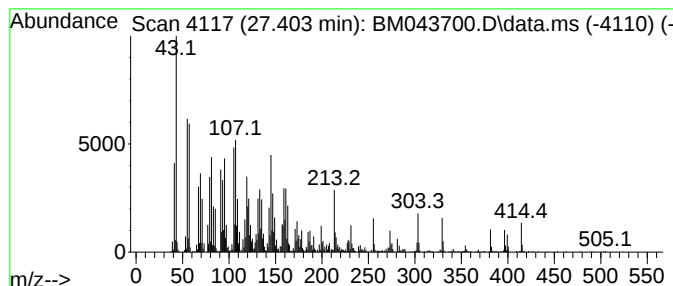
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.403	29.75 ng/ul	3545540	Perylene-d12	23.938

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	99	
2	.	beta.-Sitosterol	414	C29H50O	000083-46-5	94	
3	.	beta.-Sitosterol	414	C29H50O	000083-46-5	93	
4		Campesterol	400	C28H48O	000474-62-4	70	
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	70	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043700.D
Acq On : 02 Jan 2024 18:42
Operator : MA/JU
Sample : 05920-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzoic acid	10.028	4.8	ng/ul	378240	2	10.769	1564970	20.0
Longifolene	13.857	20.8	ng/ul	1929730	3	14.592	1858640	20.0
Cedrene	13.898	2.1	ng/ul	191313	3	14.592	1858640	20.0
Cyclohexene, 4-...	14.410	2.7	ng/ul	250966	3	14.592	1858640	20.0
(1R,4R,5S)-1,8-...	14.480	4.1	ng/ul	381039	3	14.592	1858640	20.0
Cedrol	15.874	6.0	ng/ul	556049	3	14.592	1858640	20.0
(DEL) Alkane: S...	17.727	3.1	ng/ul	341222	4	17.339	2231940	20.0
unknown-01	18.121	2.1	ng/ul	231177	4	17.339	2231940	20.0
Palmitoleic acid	18.186	3.0	ng/ul	337729	4	17.339	2231940	20.0
n-Hexadecanoic ...	18.245	18.0	ng/ul	2006180	4	17.339	2231940	20.0
Isopropyl palmi...	18.668	2.1	ng/ul	230691	4	17.339	2231940	20.0
2-Propen-1-one,...	18.815	2.4	ng/ul	266635	4	17.339	2231940	20.0
Dibenzoylmethane	19.262	3.0	ng/ul	330059	4	17.339	2231940	20.0
Octadecanoic acid	19.521	5.4	ng/ul	672137	5	21.521	2500510	20.0
2-Phenanthrenol...	20.609	11.5	ng/ul	1439780	5	21.521	2500510	20.0
4,4'-Bis(tetrah...	20.650	5.9	ng/ul	739821	5	21.521	2500510	20.0
(DEL) Alkane: S...	21.238	8.3	ng/ul	1030950	5	21.521	2500510	20.0
(DEL) Alkane: S...	22.162	8.6	ng/ul	1075050	5	21.521	2500510	20.0
(DEL) Alkane: S...	23.227	25.4	ng/ul	3022380	6	23.938	2383460	20.0
(DEL) Alkane: S...	23.274	14.8	ng/ul	1764230	6	23.938	2383460	20.0
(DEL) Alkane: S...	24.609	43.6	ng/ul	5193790	6	23.938	2383460	20.0
1-Heptacosanol	24.697	12.2	ng/ul	1450290	6	23.938	2383460	20.0
Octachlorodiben...	25.638	18.2	ng/ul	2171560	6	23.938	2383460	20.0
(DEL) Alkane: S...	26.650	30.7	ng/ul	3654570	6	23.938	2383460	20.0
.gamma.-Sitosterol	27.403	29.8	ng/ul	3545540	6	23.938	2383460	20.0