

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044439.D
 Acq On : 29 Feb 2024 14:50
 Operator : MA/JU
 Sample : P1512-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0SC0

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-BM022324.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM044439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	7	11	28	rVB	4953991	5913915	19.40%	4.315%
2	3.787	113	119	127	rBV	704824	1236209	4.06%	0.902%
3	3.852	127	130	135	rVV	199601	291431	0.96%	0.213%
4	3.904	135	139	143	rVV	310703	396839	1.30%	0.290%
5	4.104	168	173	183	rVB3	277463	449736	1.48%	0.328%
6	4.493	235	239	245	rBV	118795	157839	0.52%	0.115%
7	4.681	266	271	276	rVV	733615	1038956	3.41%	0.758%
8	4.728	276	279	290	rVB	309469	448186	1.47%	0.327%
9	5.840	458	468	474	rBV	81029	133014	0.44%	0.097%
10	7.116	674	685	694	rBV	1043265	2017710	6.62%	1.472%
11	7.298	709	716	725	rBV	835818	1327126	4.35%	0.968%
12	7.481	740	747	757	rBV	991405	1576930	5.17%	1.151%
13	7.651	770	776	784	rBV	108295	175301	0.58%	0.128%
14	7.951	821	827	834	rVV	687480	1077711	3.54%	0.786%
15	8.022	834	839	844	rVB	95872	149386	0.49%	0.109%
16	8.669	942	949	959	rBV	878989	1419446	4.66%	1.036%
17	8.792	964	970	979	rVB	205901	355708	1.17%	0.260%
18	9.128	1019	1027	1036	rBV	885531	1512085	4.96%	1.103%
19	9.845	1142	1149	1156	rBV	671605	1117882	3.67%	0.816%
20	10.381	1228	1240	1249	rBV	1113884	1929767	6.33%	1.408%
21	10.763	1297	1305	1310	rBV	989449	1711233	5.61%	1.249%
22	10.810	1310	1313	1320	rVB	178867	282697	0.93%	0.206%
23	10.910	1323	1330	1351	rBV	456285	1017228	3.34%	0.742%
24	11.522	1428	1434	1438	rBV3	63349	109835	0.36%	0.080%
25	12.422	1581	1587	1592	rVV	70030	117856	0.39%	0.086%
26	12.645	1618	1625	1634	rVB	62635	116354	0.38%	0.085%
27	14.021	1853	1859	1866	rVB	1857456	2659941	8.73%	1.941%
28	14.286	1894	1904	1917	rBV	2271704	3514656	11.53%	2.564%
29	14.592	1949	1956	1962	rBV	1431691	2160901	7.09%	1.577%
30	14.657	1962	1967	1975	rVB	210741	318184	1.04%	0.232%
31	14.804	1985	1992	2005	rBV	480453	978966	3.21%	0.714%
32	14.992	2021	2024	2026	rVV	119622	173197	0.57%	0.126%
33	15.033	2026	2031	2042	rVV	940716	1386704	4.55%	1.012%
34	15.151	2045	2051	2058	rVB	267688	496571	1.63%	0.362%
35	15.586	2119	2125	2131	rBV	3036751	4220624	13.85%	3.079%
36	15.645	2131	2135	2141	rVB	279598	425796	1.40%	0.311%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
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37	15.710	2141	2146	2153	rBV	523330	716436	2.35%	0.523%
38	15.939	2180	2185	2193	rVB	67626	116273	0.38%	0.085%
39	16.080	2202	2209	2217	rVB	67320	152900	0.50%	0.112%
40	16.315	2243	2249	2256	rVV5	70998	183513	0.60%	0.134%
41	16.651	2298	2306	2310	rBV2	62730	133884	0.44%	0.098%
42	16.880	2337	2345	2349	rBV6	45257	117007	0.38%	0.085%
43	17.110	2381	2384	2389	rVV3	84464	140296	0.46%	0.102%
44	17.162	2389	2393	2400	rVB	109477	169686	0.56%	0.124%
45	17.345	2415	2424	2427	rBV	1681827	2523458	8.28%	1.841%
46	17.386	2427	2431	2436	rVV	1963230	2788180	9.15%	2.034%
47	17.445	2436	2441	2444	rVV	2951400	4363143	14.31%	3.183%
48	17.474	2444	2446	2452	rVV	684882	867289	2.85%	0.633%
49	17.539	2452	2457	2463	rVB3	52069	117465	0.39%	0.086%
50	17.757	2489	2494	2504	rVB3	226150	421453	1.38%	0.308%
51	17.857	2507	2511	2519	rVV3	74978	140973	0.46%	0.103%
52	18.221	2568	2573	2575	rBV	238253	322888	1.06%	0.236%
53	18.256	2575	2579	2588	rVV2	699844	1349257	4.43%	0.984%
54	18.351	2591	2595	2600	rVV	164537	259428	0.85%	0.189%
55	18.415	2601	2606	2610	rVV2	520853	863140	2.83%	0.630%
56	18.451	2610	2612	2618	rVB	179009	233832	0.77%	0.171%
57	18.727	2655	2659	2663	rBV	246601	320539	1.05%	0.234%
58	19.056	2712	2715	2719	rVB3	99876	124244	0.41%	0.091%
59	19.139	2725	2729	2733	rBV	141242	219402	0.72%	0.160%
60	19.186	2734	2737	2743	rVV3	134306	275946	0.91%	0.201%
61	19.298	2749	2756	2766	rVV9	131034	390085	1.28%	0.285%
62	19.403	2768	2774	2781	rVV	3662040	4760094	15.62%	3.473%
63	19.533	2793	2796	2803	rVB4	180768	261032	0.86%	0.190%
64	19.739	2825	2831	2834	rBV	4241627	6688299	21.94%	4.880%
65	19.768	2834	2836	2844	rVV	3024172	3316284	10.88%	2.420%
66	19.839	2844	2848	2854	rVB2	165948	258878	0.85%	0.189%
67	19.945	2863	2866	2872	rVB	172591	238456	0.78%	0.174%
68	20.009	2874	2877	2882	rVB	108267	147741	0.48%	0.108%
69	20.092	2885	2891	2898	rBV3	216045	547168	1.80%	0.399%
70	20.186	2903	2907	2910	rBV	115410	143487	0.47%	0.105%
71	20.227	2910	2914	2916	rVV3	130193	220997	0.73%	0.161%
72	20.262	2916	2920	2924	rVV	595327	802873	2.63%	0.586%
73	20.303	2924	2927	2930	rVB	155113	154814	0.51%	0.113%
74	20.362	2933	2937	2941	rVV	603117	723744	2.37%	0.528%
75	20.421	2941	2947	2951	rVV3	289564	466839	1.53%	0.341%
76	20.562	2964	2971	2974	rBV3	146525	260841	0.86%	0.190%

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77	20.609	2974	2979	2983	rBV3	160790	256959	0.84%	0.187%
78	20.762	3000	3005	3010	rBV	22401701	30481480	100.00%	22.240%
79	20.797	3010	3011	3015	rVB2	184296	181345	0.59%	0.132%
80	20.974	3038	3041	3045	rBV3	104467	170000	0.56%	0.124%
81	21.015	3045	3048	3054	rVB3	162132	240474	0.79%	0.175%
82	21.180	3073	3076	3079	rBV	185485	217729	0.71%	0.159%
83	21.221	3079	3083	3086	rVV	252919	306286	1.00%	0.223%
84	21.268	3086	3091	3097	rVB3	656948	980696	3.22%	0.716%
85	21.533	3129	3136	3140	rBV2	2706570	5558334	18.24%	4.056%
86	21.574	3140	3143	3152	rVB	1640022	2232084	7.32%	1.629%
87	21.697	3160	3164	3166	rBV	232157	355648	1.17%	0.259%
88	22.121	3233	3236	3241	rVB	303895	417184	1.37%	0.304%
89	22.186	3242	3247	3252	rVV2	332935	546809	1.79%	0.399%
90	22.333	3268	3272	3274	rBV3	159479	232075	0.76%	0.169%
91	22.368	3275	3278	3284	rVB3	248822	337377	1.11%	0.246%
92	22.697	3331	3334	3341	rVB	259615	444965	1.46%	0.325%
93	23.227	3418	3424	3428	rBV	1091649	2545485	8.35%	1.857%
94	23.409	3451	3455	3461	rVB	260825	439108	1.44%	0.320%
95	23.744	3507	3512	3516	rBV	628057	1198831	3.93%	0.875%
96	23.803	3516	3522	3527	rVV2	2282013	4710958	15.46%	3.437%
97	23.856	3527	3531	3538	rVB	1078068	1944086	6.38%	1.418%
98	23.962	3543	3549	3555	rVV	1113148	2120560	6.96%	1.547%
99	26.485	3971	3978	3990	rVB3	455091	1388963	4.56%	1.013%
100	27.262	4105	4110	4125	rVB	332149	1030081	3.38%	0.752%

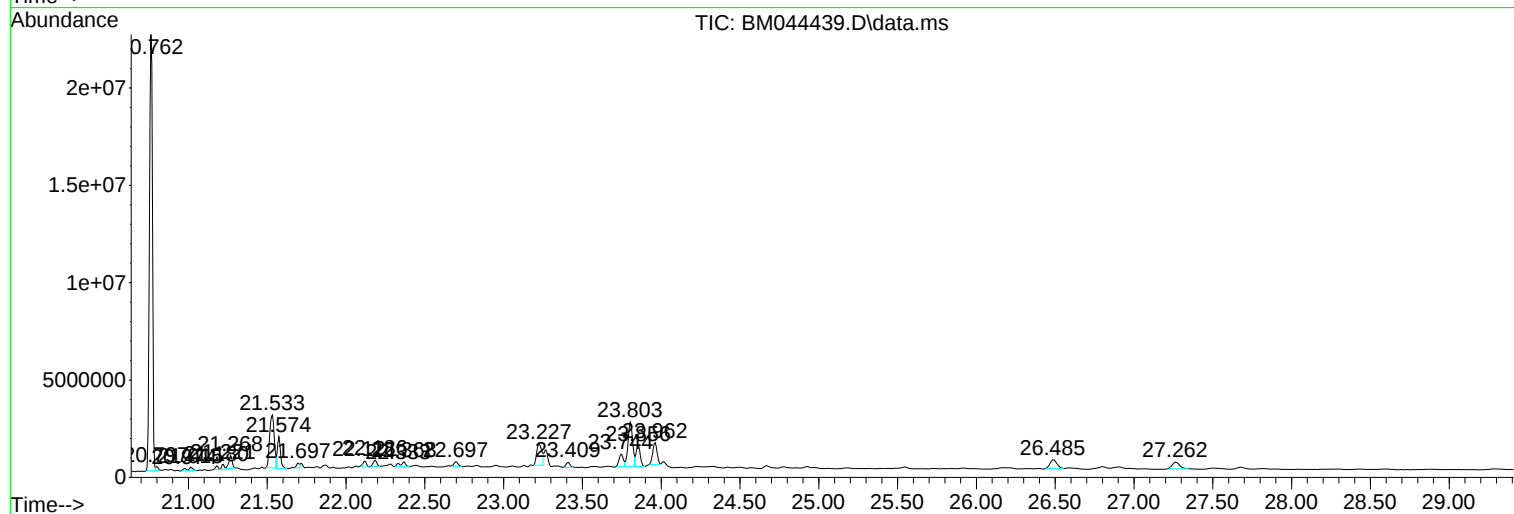
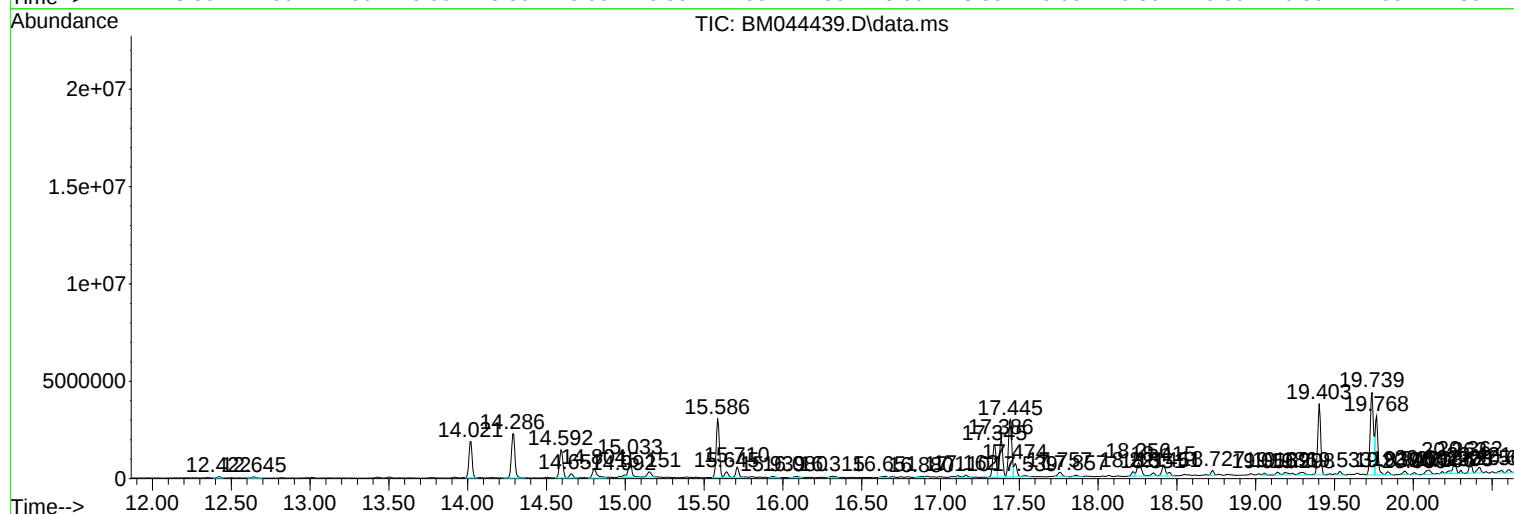
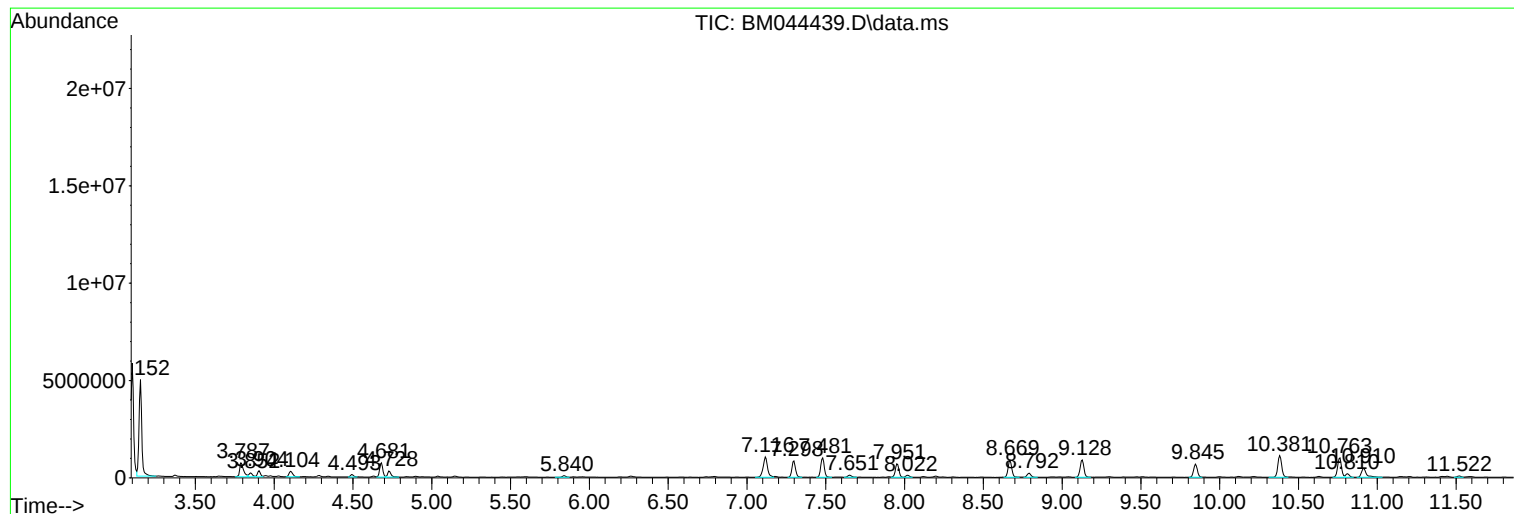
Sum of corrected areas: 137055701

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



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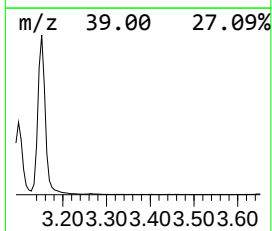
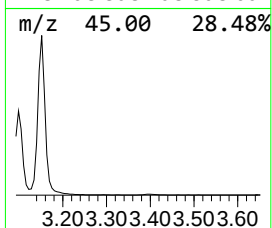
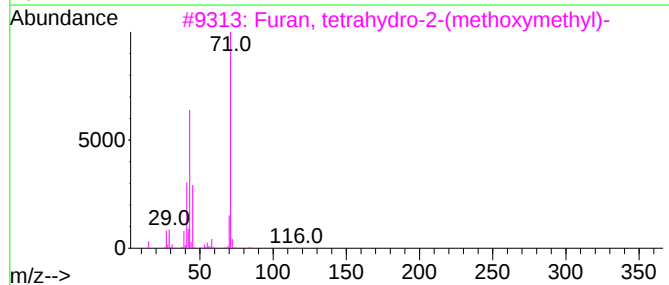
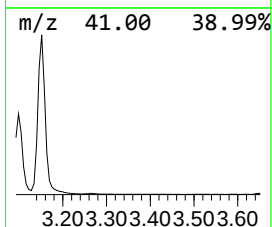
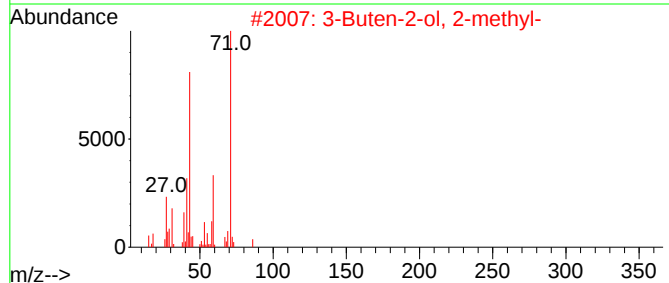
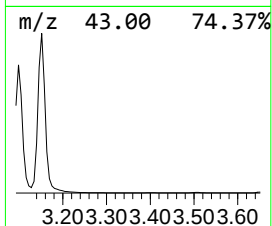
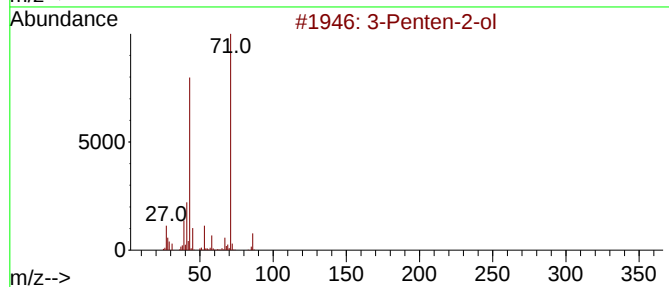
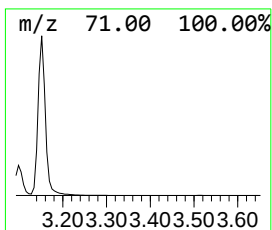
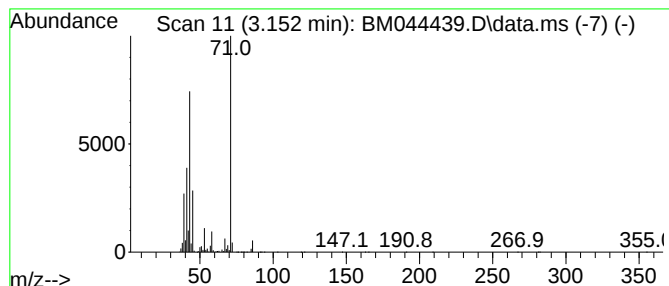
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	109.75 ng/ul	5913920	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-ol	86	C5H10O	001569-50-2	83
2			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
3			Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
4			Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	53
5			Furan-2-carbonyl chloride, tetra...	134	C5H7ClO2	052449-98-6	50



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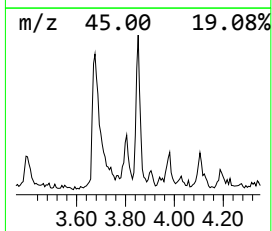
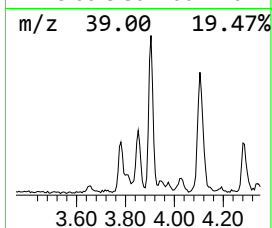
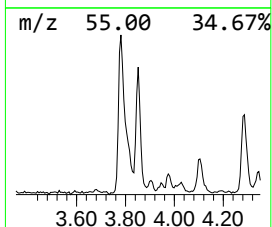
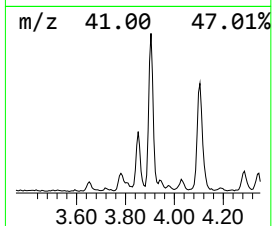
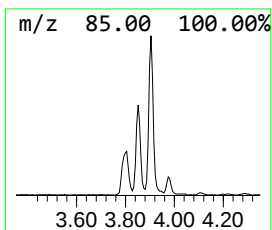
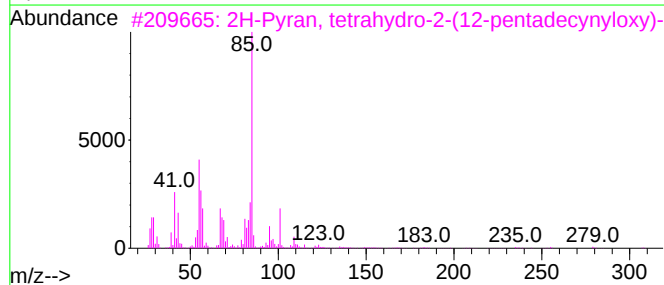
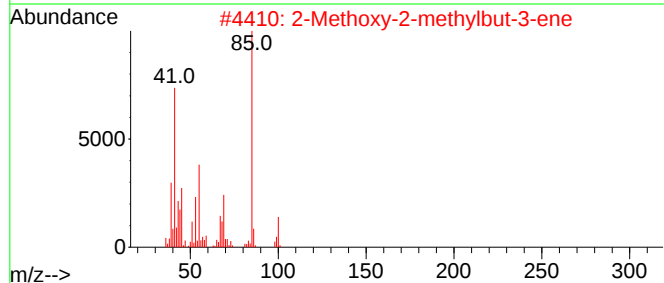
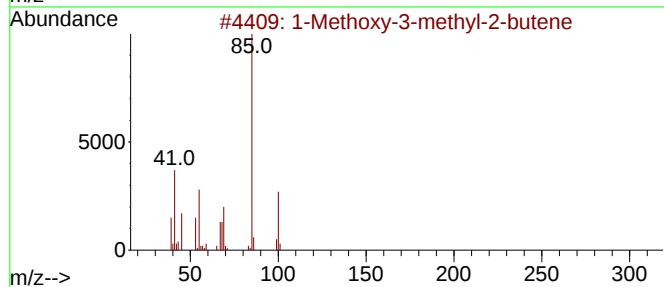
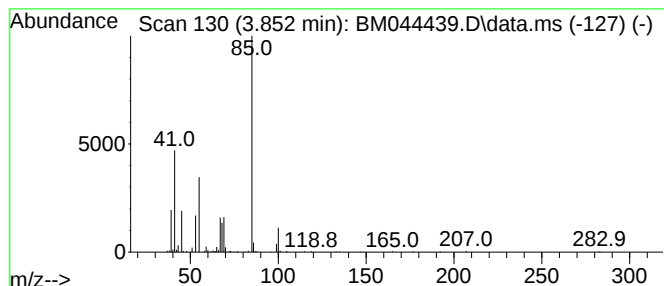
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Methoxy-3-methyl-2-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	5.41 ng/ul	291431	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methoxy-3-methyl-2-butene	100	C6H12O	022093-99-8	87
2			2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	78
3			2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	36
4			Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	36
5			2H-Pyran, tetrahydro-2-(2-propyn...	140	C8H12O2	006089-04-9	33



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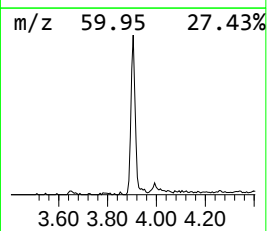
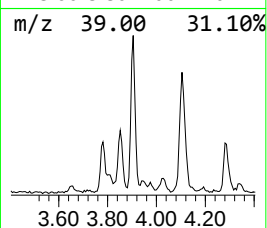
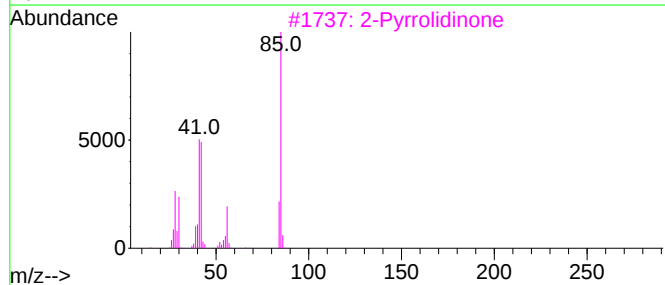
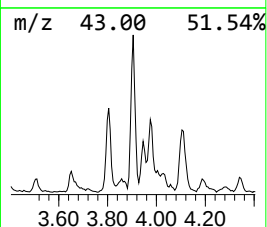
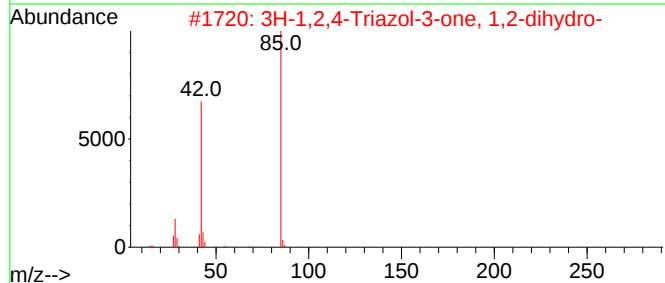
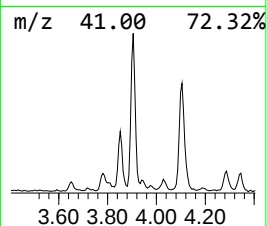
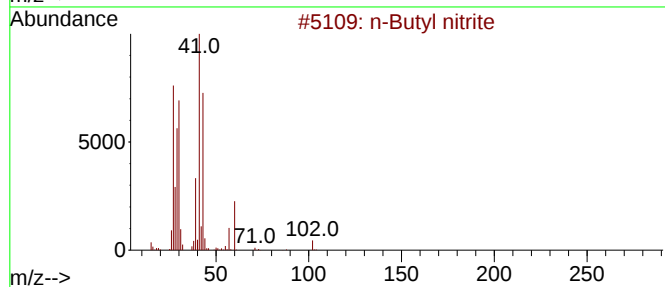
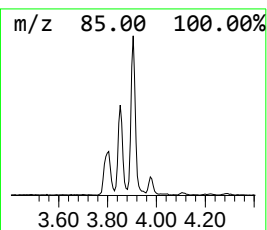
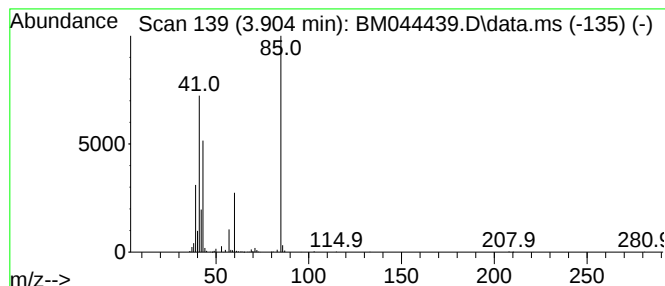
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.904	7.36 ng/ul	396839	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butyl nitrite	103	C4H9NO2	000544-16-1	10
2			3H-1,2,4-Triazol-3-one, 1,2-dihy...	85	C2H3N3O	000930-33-6	9
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5			(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9



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Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
Operator : MA/JU
Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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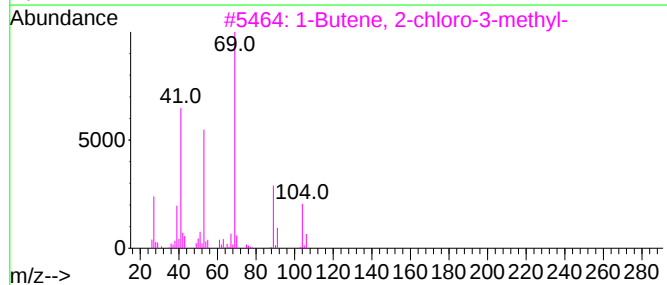
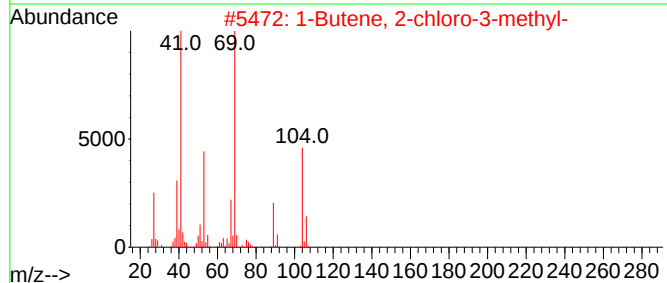
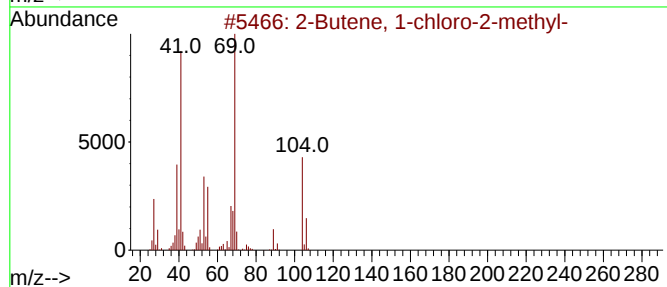
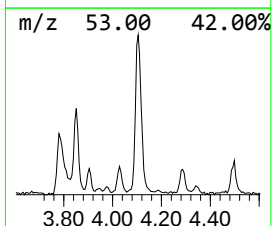
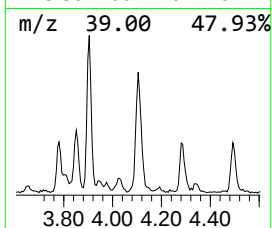
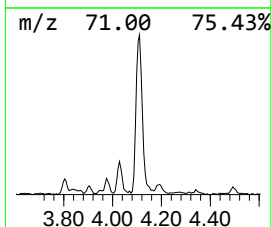
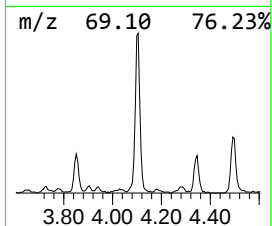
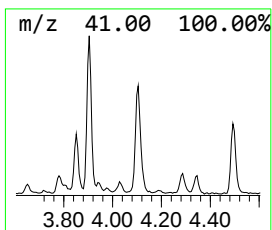
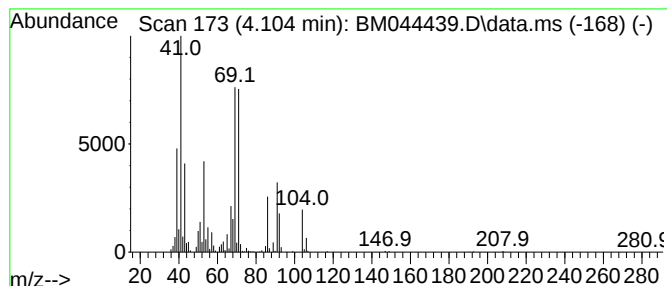
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Butene, 1-chloro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.104	8.35 ng/ul	449736	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	58		
2	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	52		
3	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	49		
4	Prenol	86	C5H10O	000556-82-1	47		
5	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	46		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
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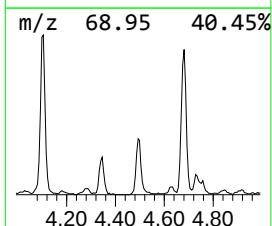
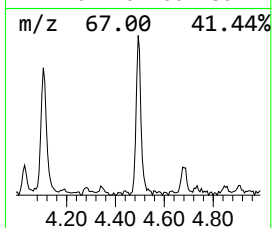
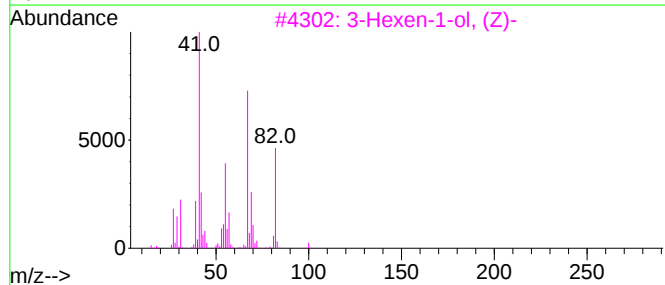
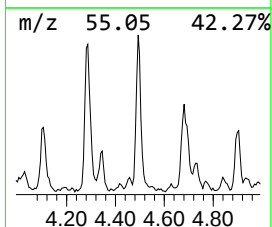
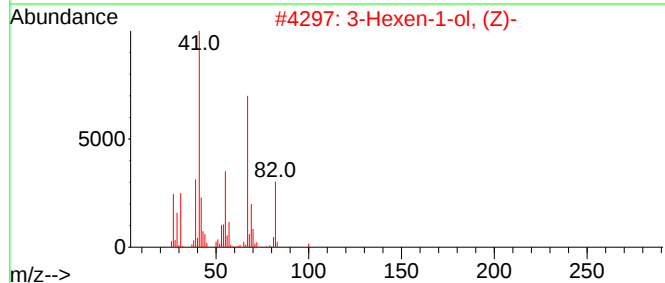
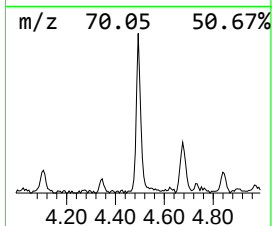
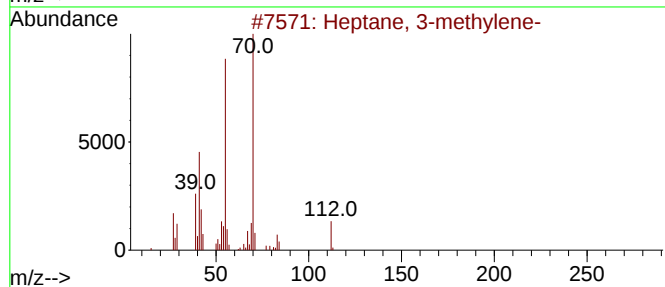
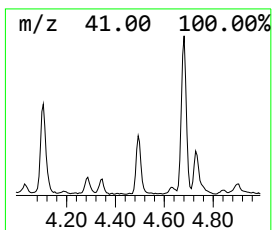
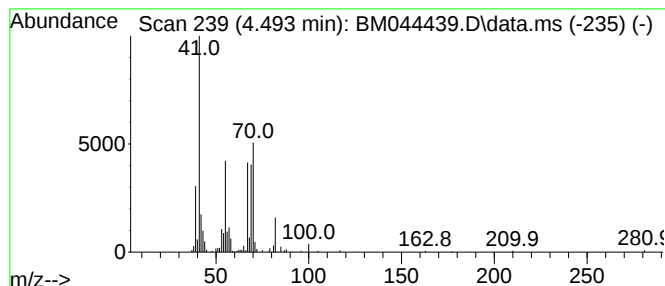
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.493	2.93 ng/ul	157839	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methylene-	112	C8H16	001632-16-2	43
2			3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	43
3			3-Hexen-1-ol, (Z)-	100	C6H12O	000928-96-1	38
4			3-Hexen-1-ol	100	C6H12O	000544-12-7	38
5			3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38



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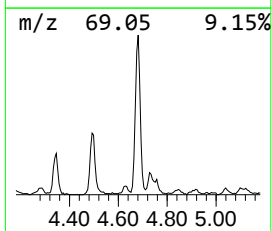
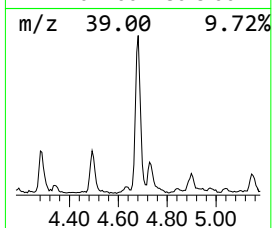
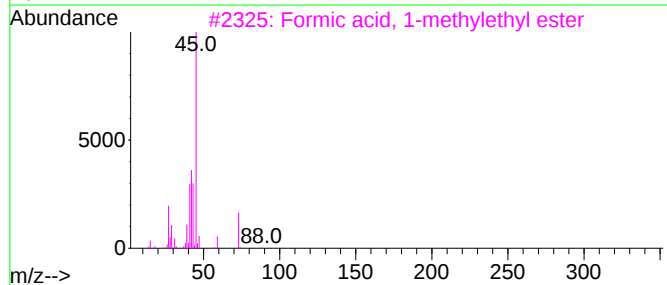
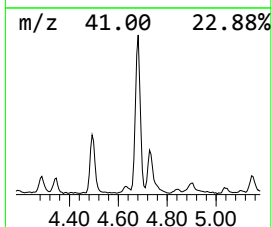
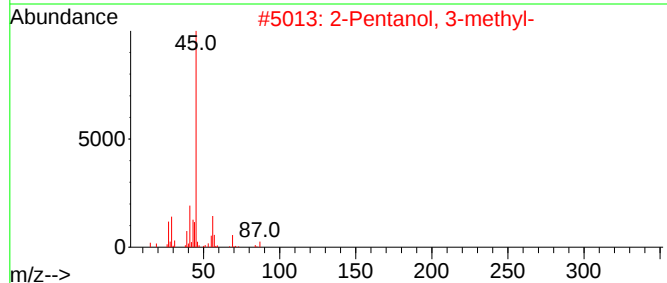
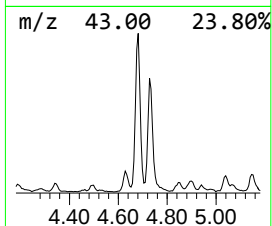
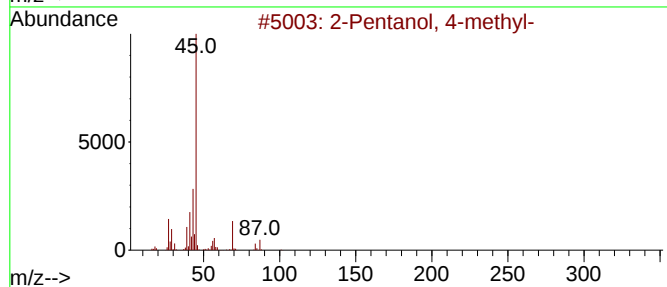
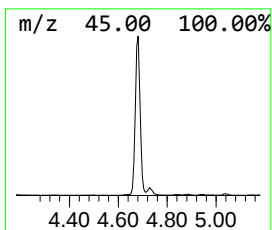
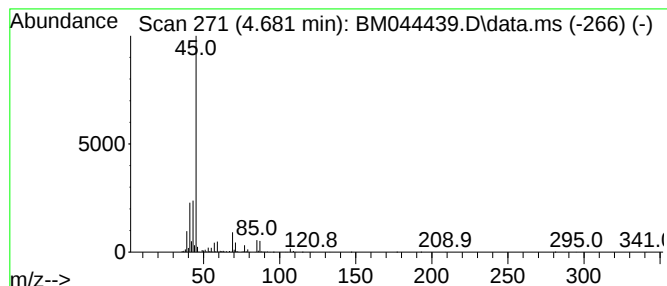
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.681	19.28 ng/ul	1038960	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-			102	C6H14O	000108-11-2	50
2	2-Pentanol, 3-methyl-			102	C6H14O	000565-60-6	50
3	Formic acid, 1-methylethyl ester			88	C4H8O2	000625-55-8	42
4	E-1-Methoxy-3-hexene			114	C7H14O	121441-40-5	39
5	3-Ethyl-2-pentanol			116	C7H16O	000609-27-8	39



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
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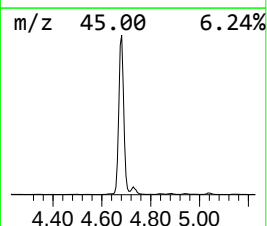
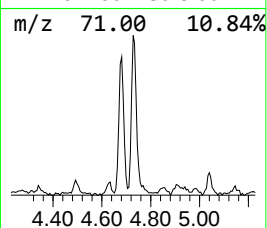
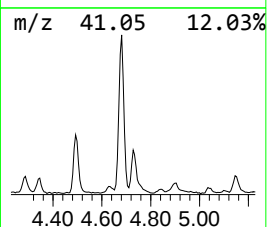
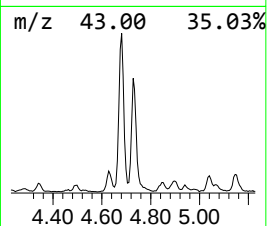
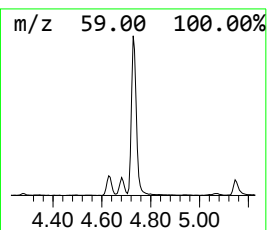
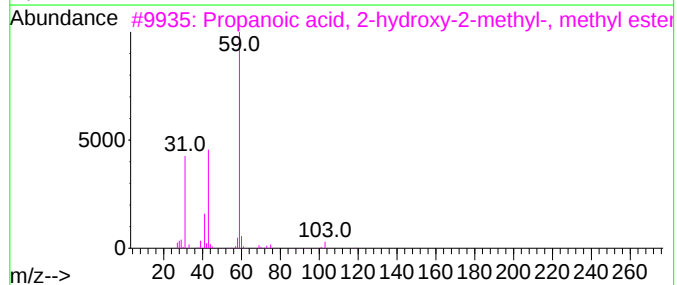
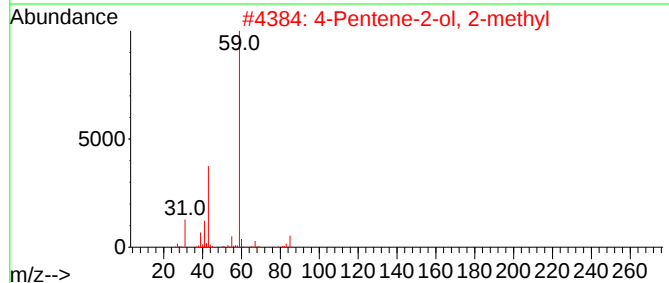
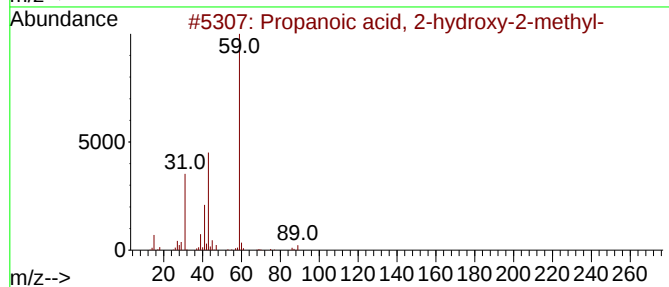
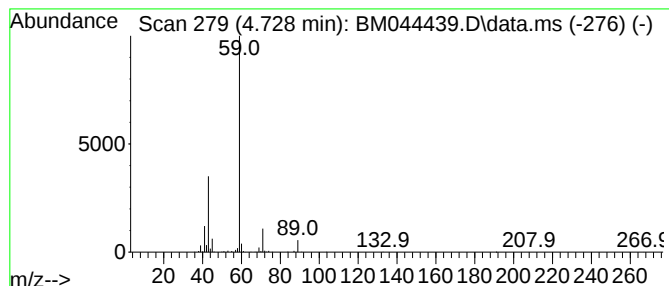
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.728	8.32 ng/ul	448186	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	45
2			4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
3			Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	36
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
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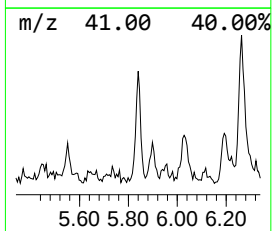
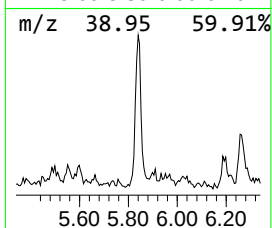
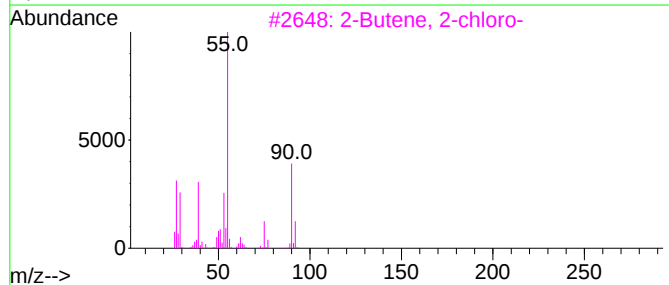
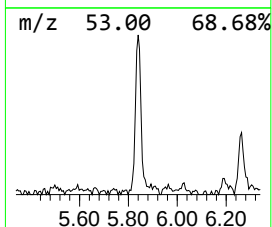
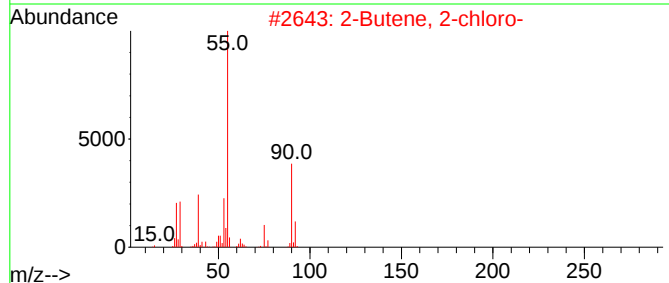
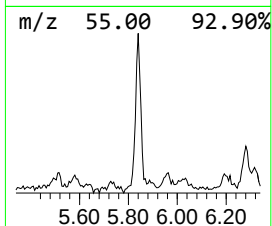
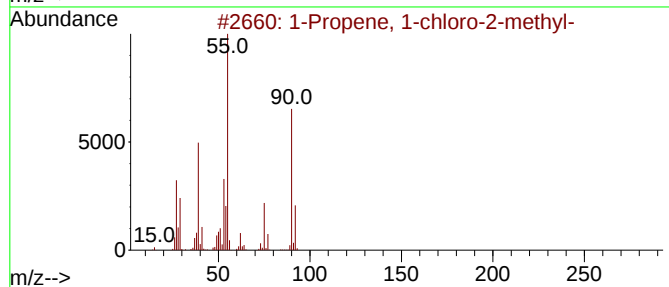
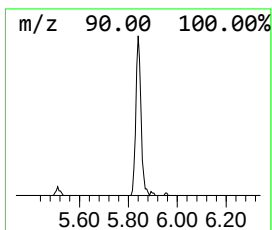
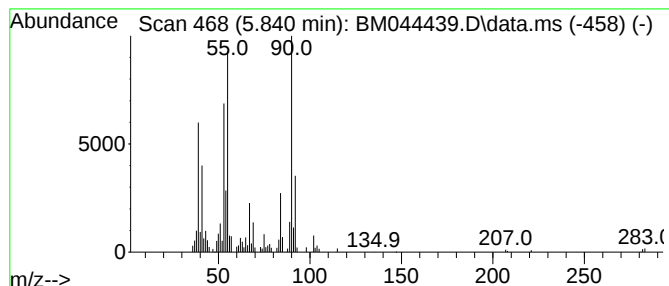
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Propene, 1-chloro-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.840	2.47 ng/ul	133014	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-2-methyl-		90	C4H7Cl		000513-37-1	72
2	2-Butene, 2-chloro-		90	C4H7Cl		004461-41-0	64
3	2-Butene, 2-chloro-		90	C4H7Cl		004461-41-0	64
4	1-Propene, 3-chloro-2-methyl-		90	C4H7Cl		000563-47-3	62
5	1-Propene, 1-chloro-2-methyl-		90	C4H7Cl		000513-37-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
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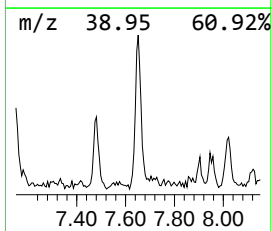
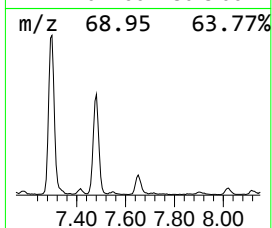
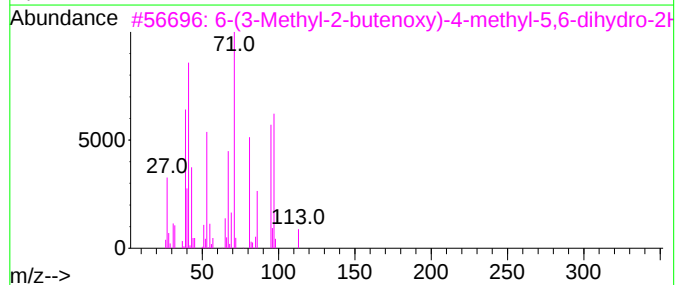
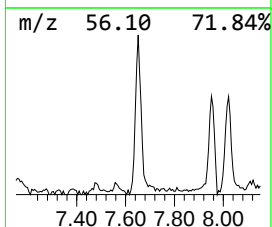
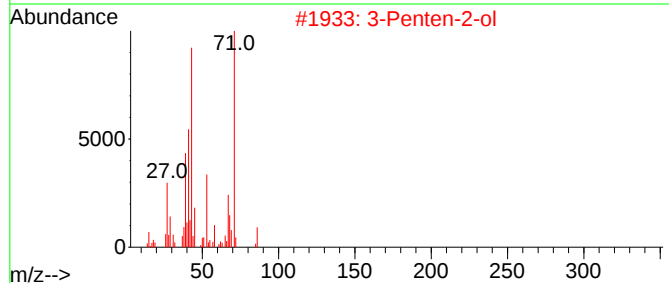
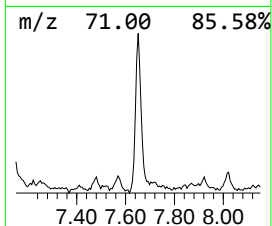
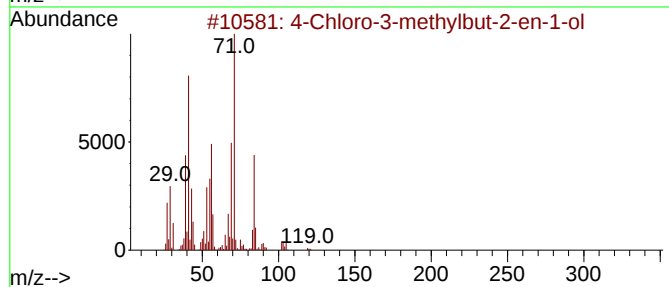
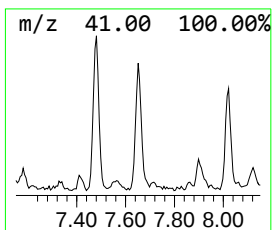
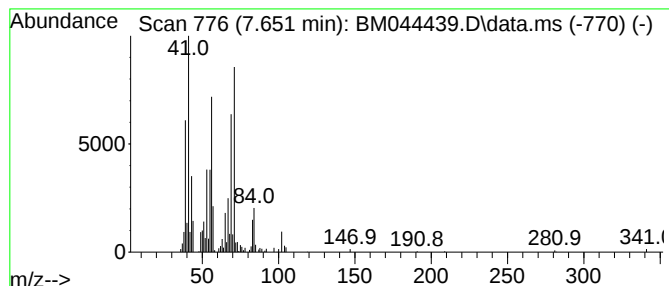
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4-Chloro-3-methylbut-2-en-1-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	3.25 ng/ul	175301	1,4-Dichlorobenzene-d4	7.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-3-methylbut-2-en-1-ol	120	C5H9ClO	053170-97-1	78
2			3-Penten-2-ol	86	C5H10O	001569-50-2	50
3			6-(3-Methyl-2-butenoxy)-4-methyl...	182	C11H18O2	1000432-15-5	43
4			1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	38
5			Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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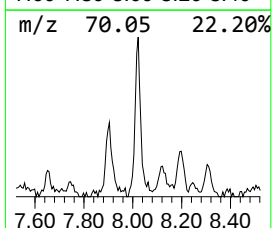
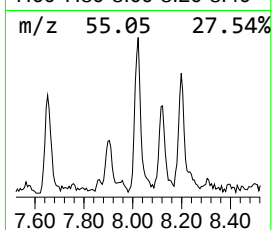
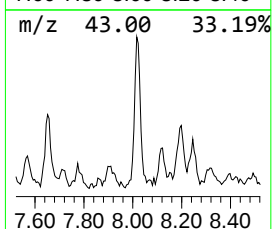
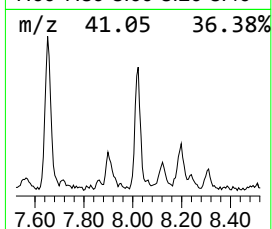
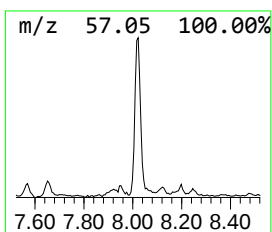
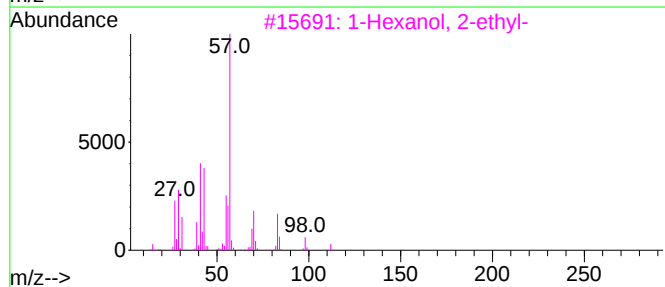
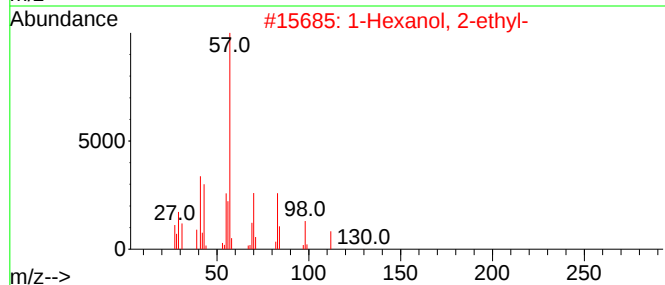
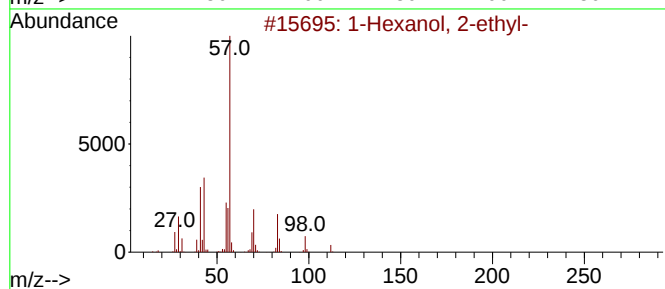
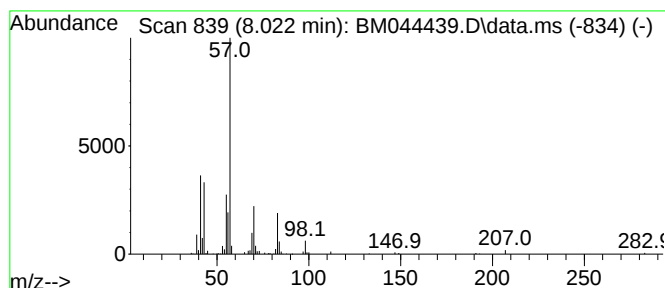
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.022	2.77 ng/ul	149386	1,4-Dichlorobenzene-d4	7.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
Operator : MA/JU
Sample : P1512-09
Misc :
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Instrument :
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ClientSampleId :
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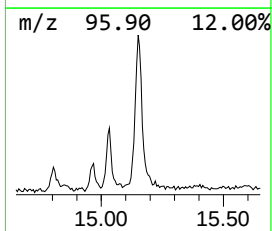
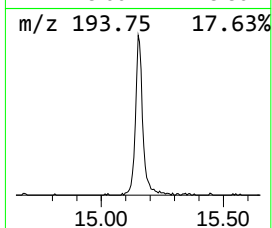
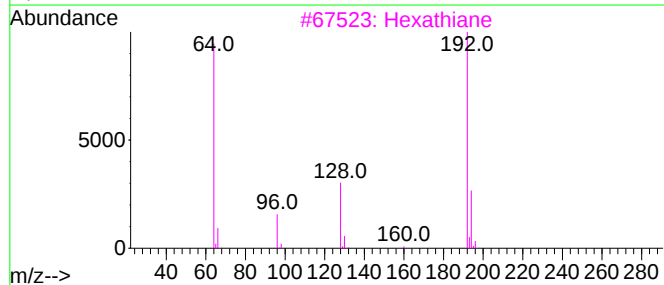
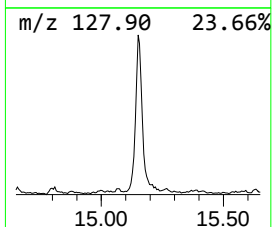
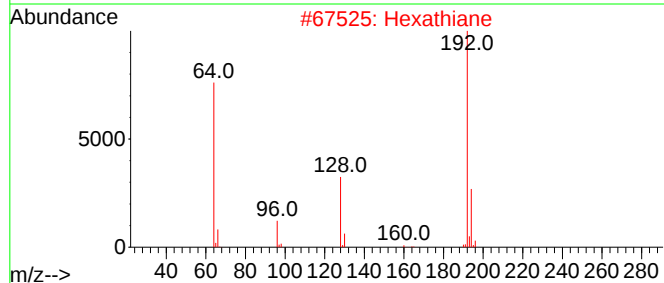
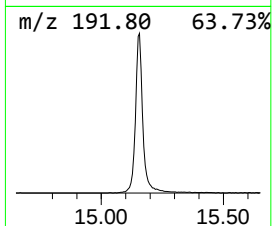
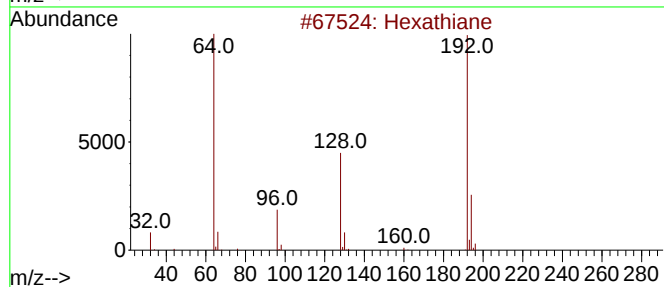
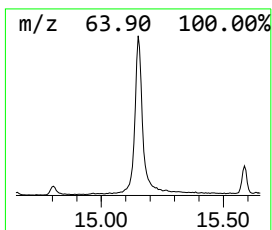
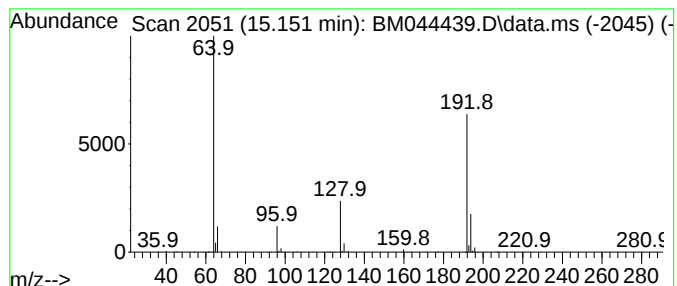
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Hexathiane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	4.60 ng/ul	496571	Acenaphthene-d10	14.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexathiane	192	S6	013798-23-7	91
2			Hexathiane	192	S6	013798-23-7	91
3			Hexathiane	192	S6	013798-23-7	91
4			Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
5			2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	7



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Instrument :
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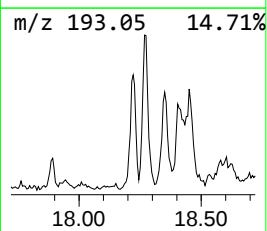
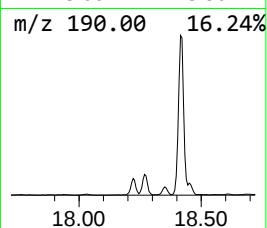
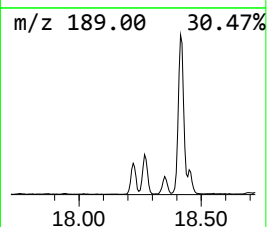
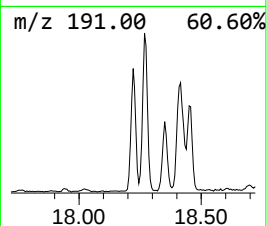
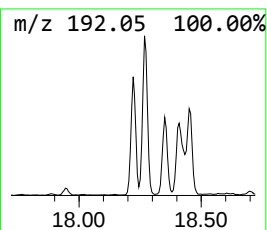
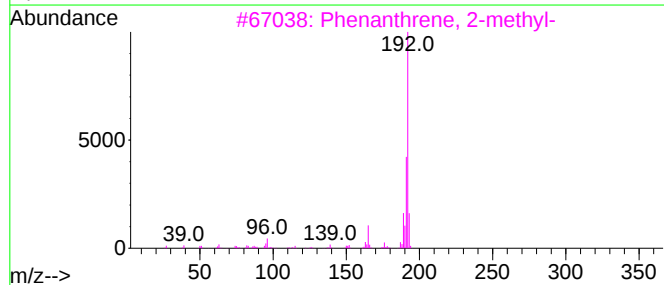
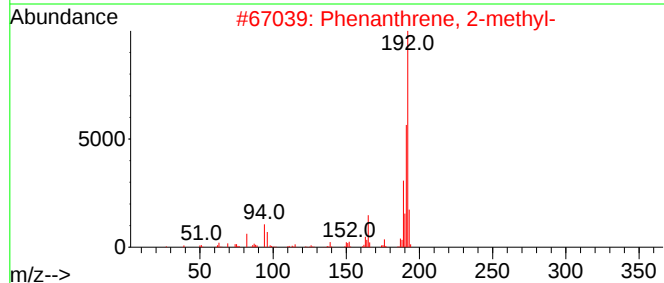
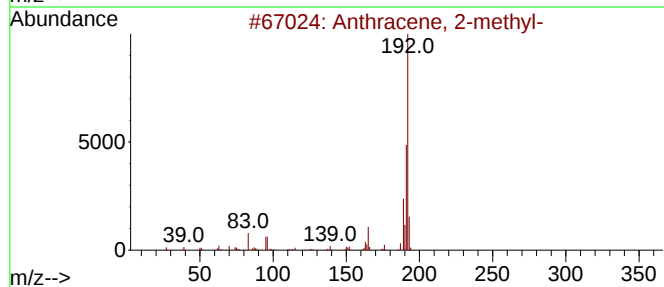
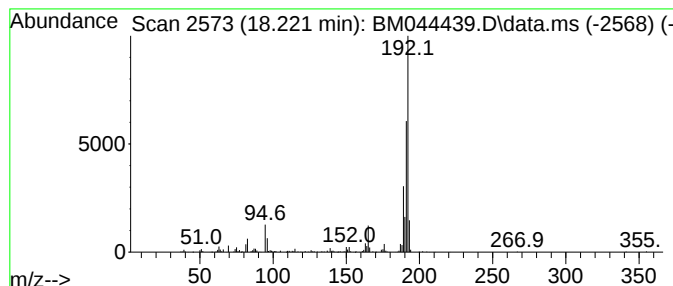
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	2.56 ng/ul	322888	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Sample : P1512-09
Misc :
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Instrument :
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ClientSampleId :
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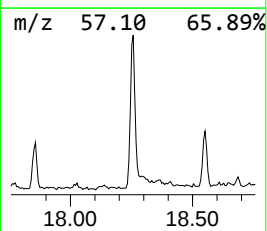
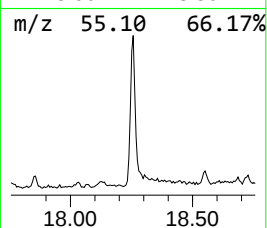
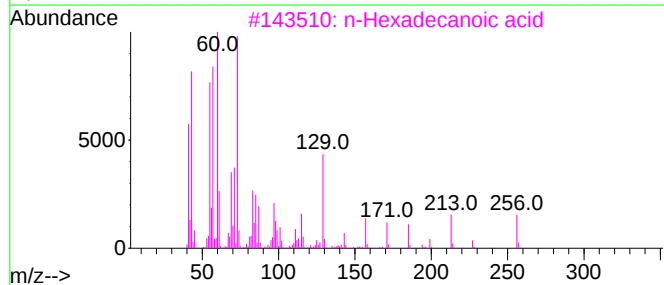
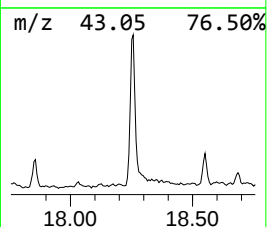
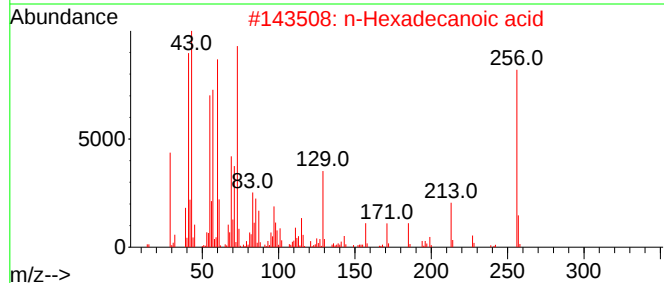
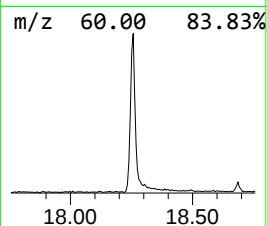
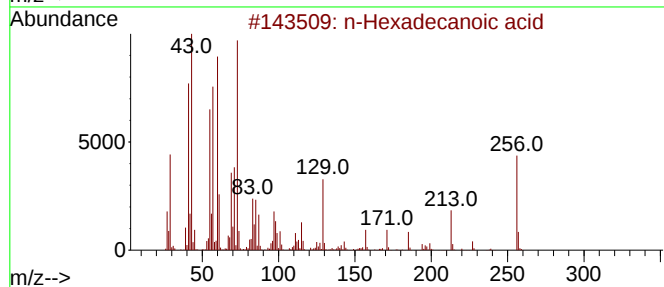
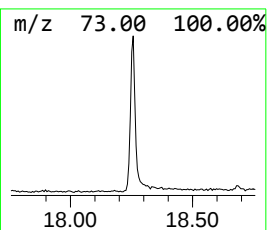
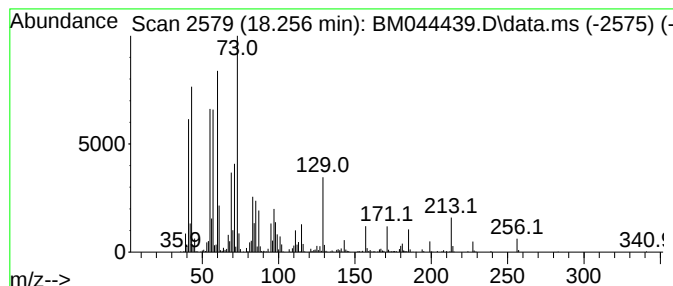
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	10.69 ng/ul	1349260	Phenanthrene-d10	17.345

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	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Sample : P1512-09
Misc :
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Instrument :
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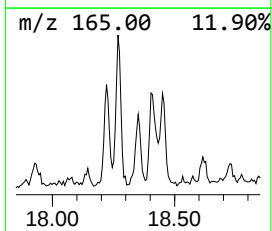
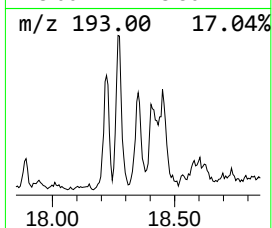
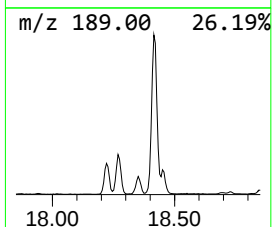
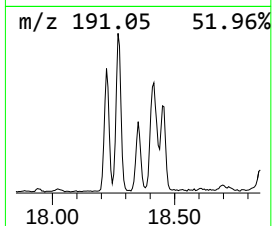
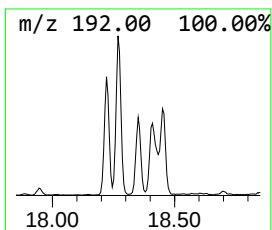
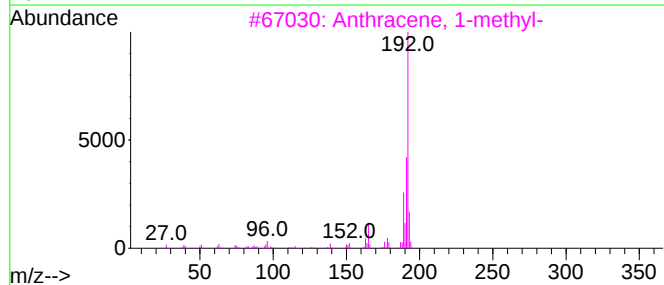
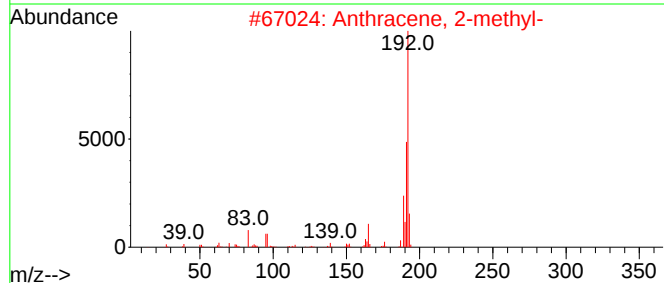
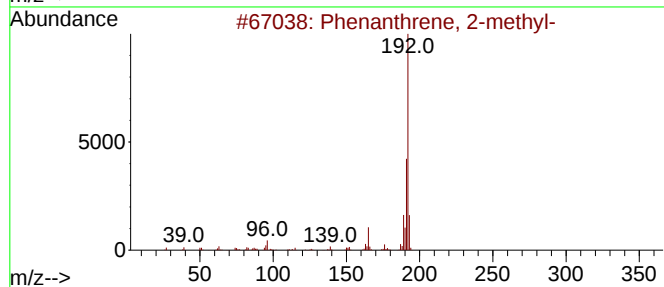
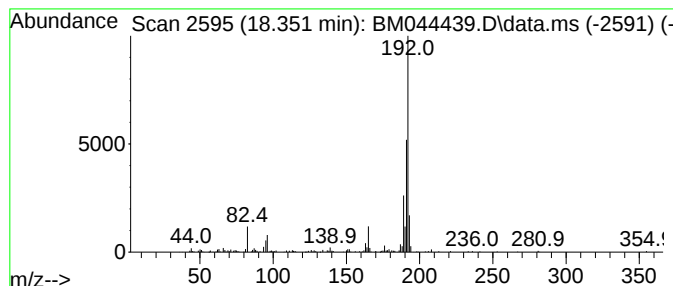
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	2.06 ng/ul	259428	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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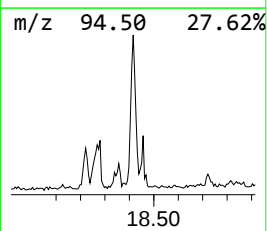
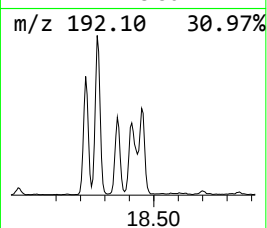
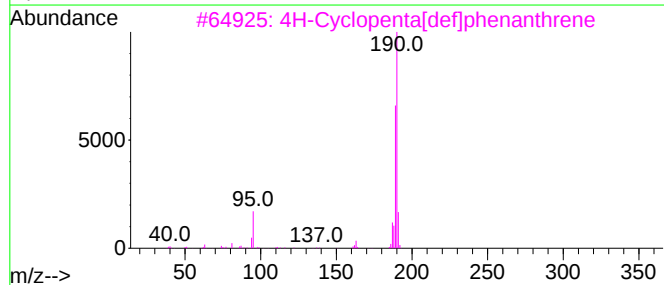
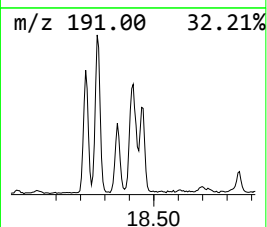
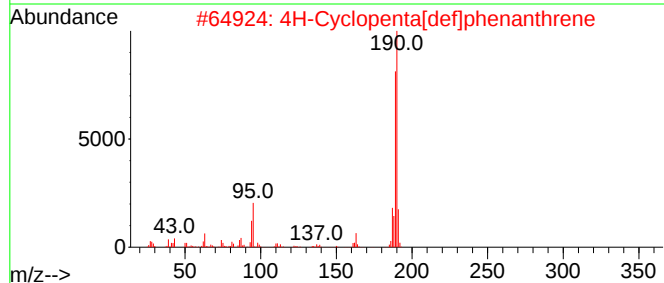
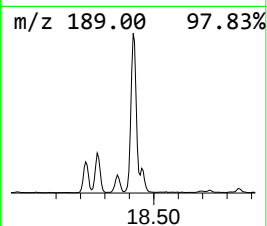
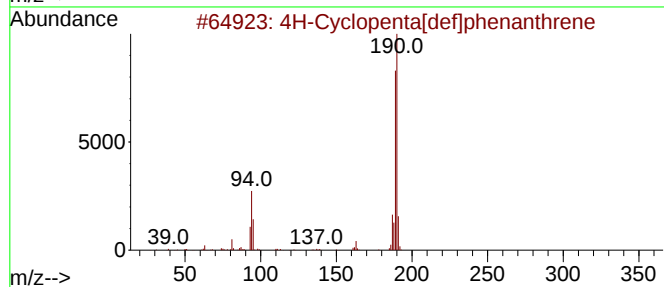
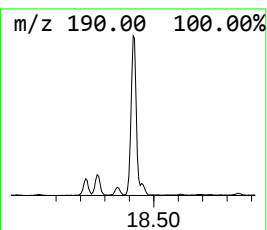
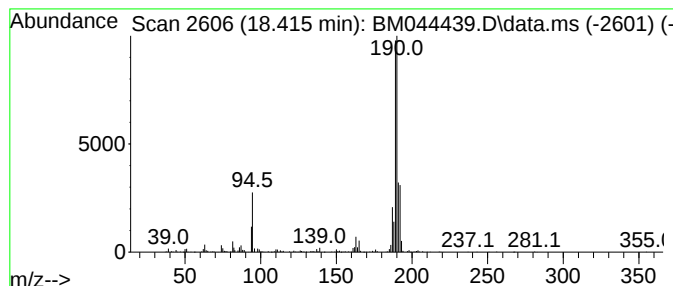
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.415	6.84 ng/ul	863140	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5			Methyl diselenide	190	C2H6Se2	007101-31-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
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ALS Vial : 39 Sample Multiplier: 1

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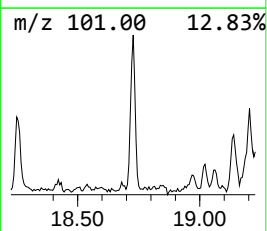
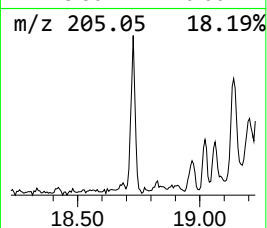
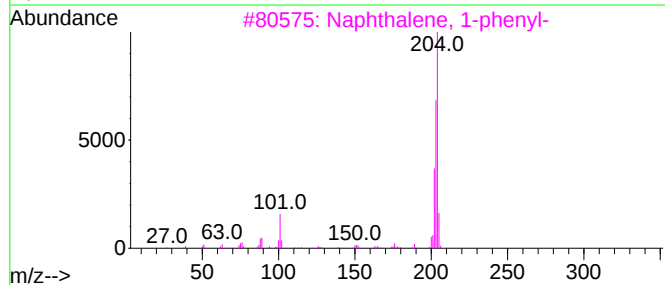
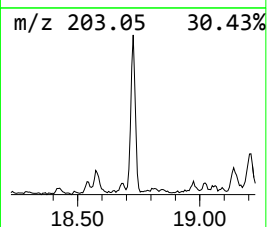
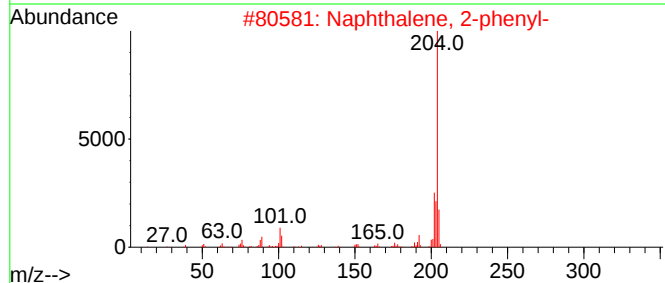
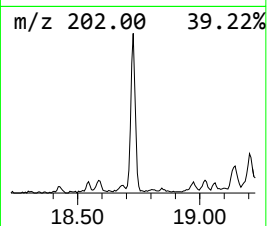
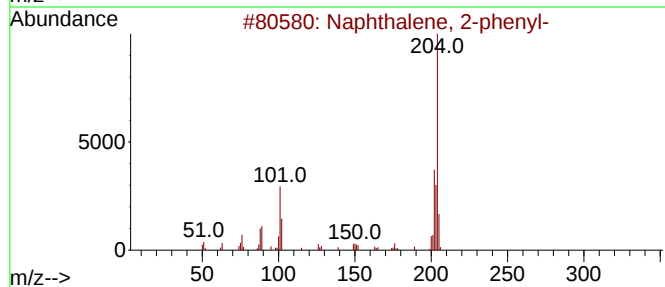
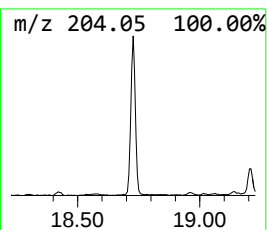
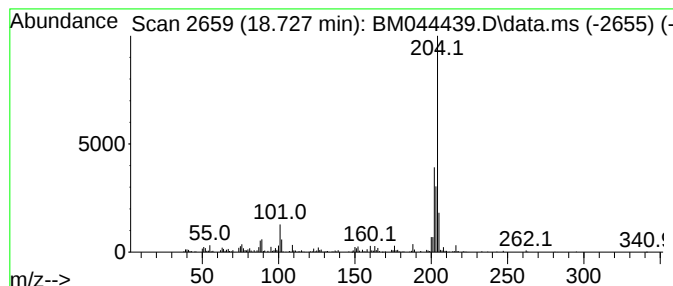
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	2.54 ng/ul	320539	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
Operator : MA/JU
Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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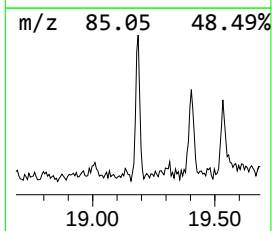
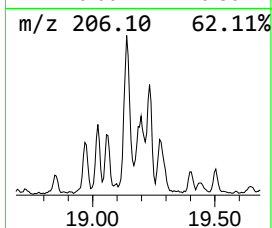
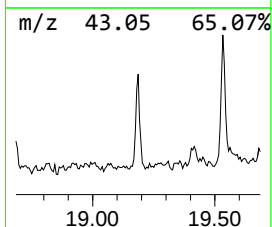
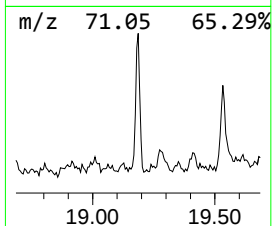
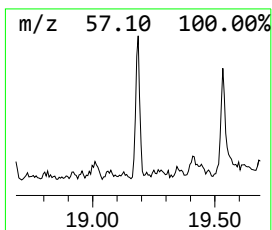
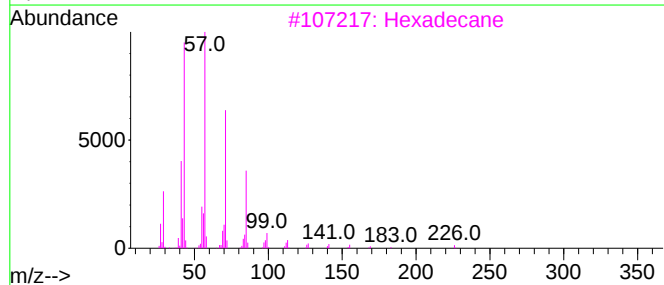
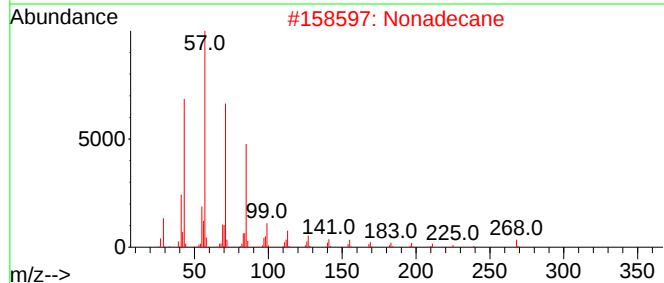
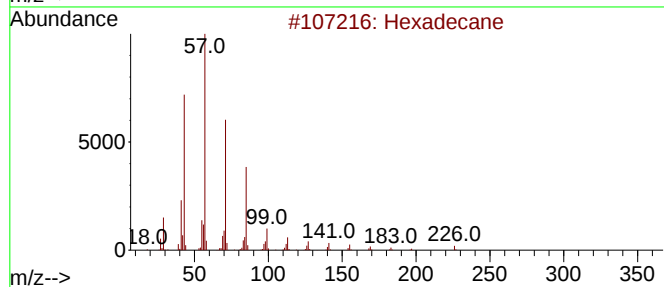
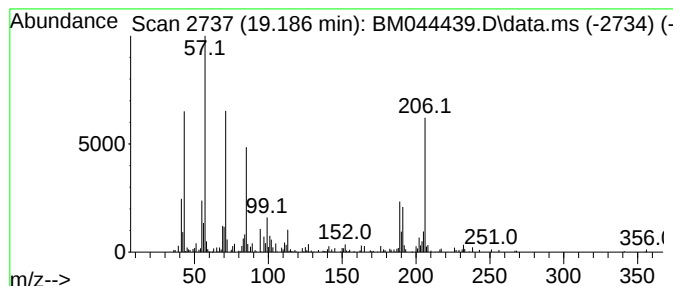
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.19 ng/ul	275946	Phenanthrene-d10	17.345

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	55
2		Nonadecane	268	C19H40	000629-92-5	46
3		Hexadecane	226	C16H34	000544-76-3	42
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	42
5		Pentadecane	212	C15H32	000629-62-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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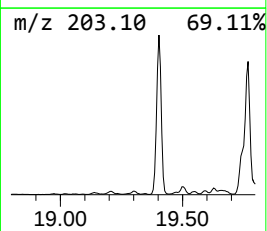
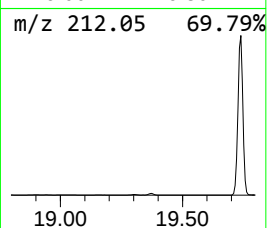
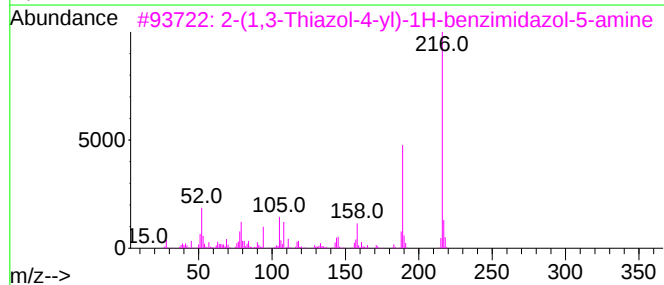
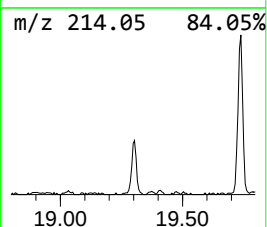
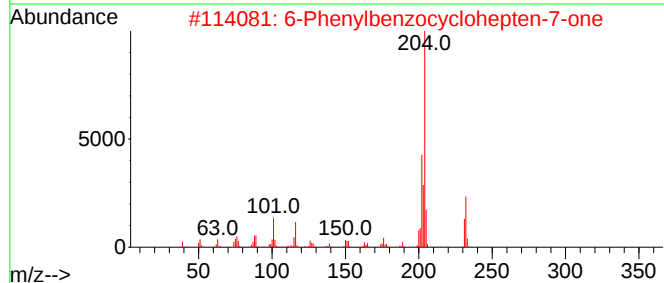
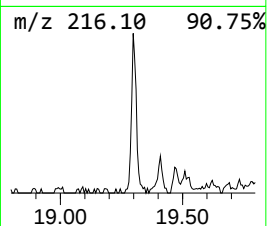
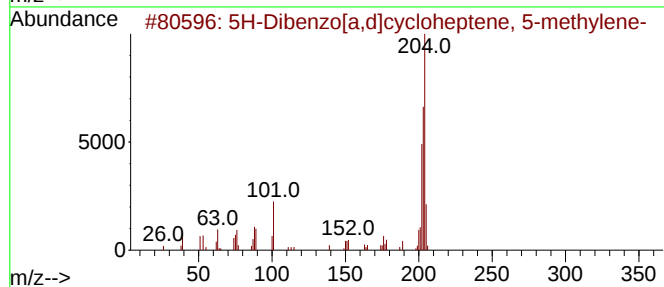
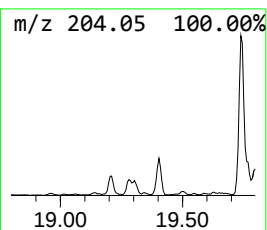
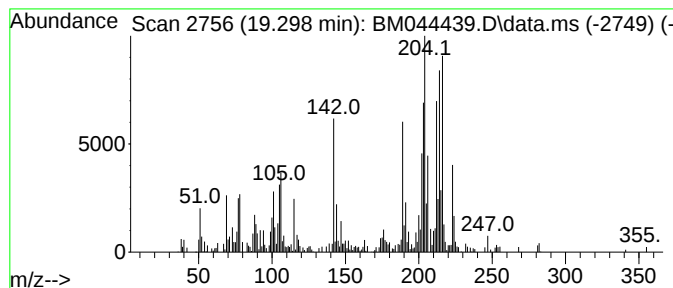
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	3.09 ng/ul	390085	Phenanthrene-d10	17.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	46
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	25
3			2-(1,3-Thiazol-4-yl)-1H-benzimid...	216	C10H8N4S	025893-06-5	25
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25
5			Imidazole, 4-bromo-2-trifluorome...	214	C4H2BrF3N2	219534-98-2	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
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Operator : MA/JU
Sample : P1512-09
Misc :
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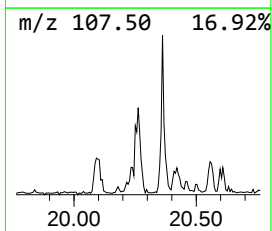
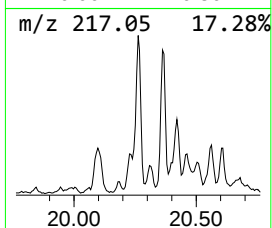
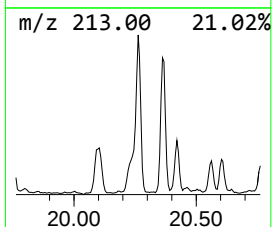
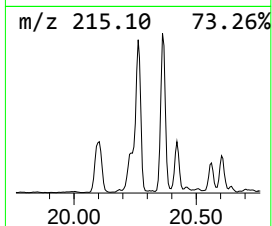
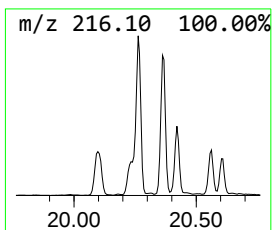
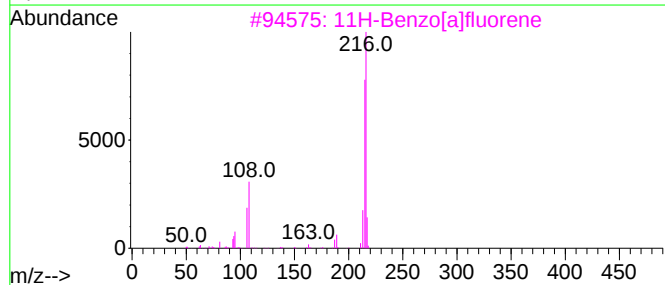
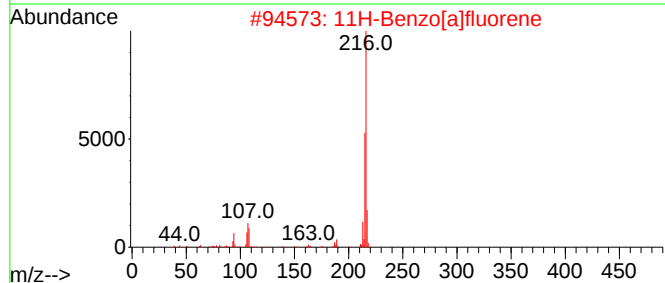
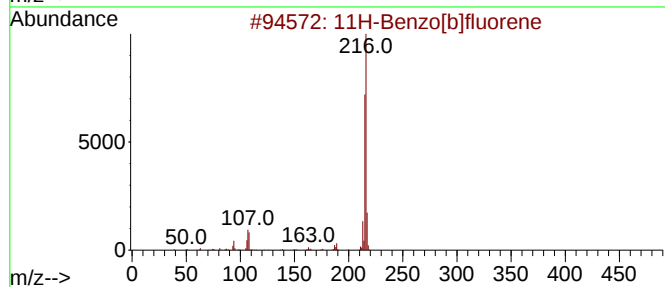
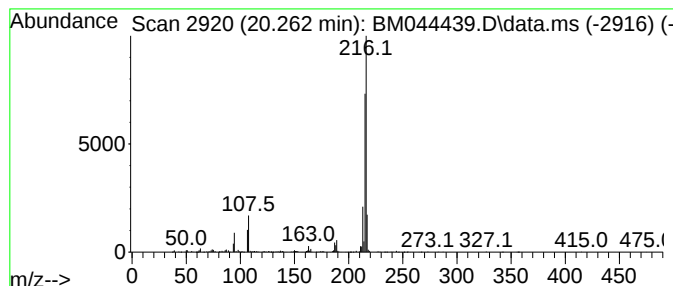
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	2.89 ng/ul	802873	Chrysene-d12	21.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Misc :
ALS Vial : 39 Sample Multiplier: 1

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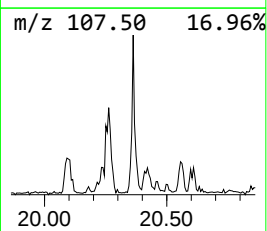
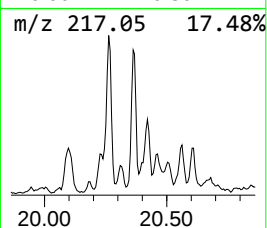
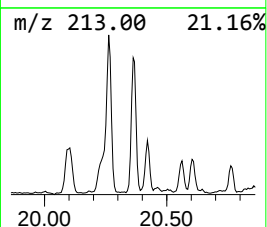
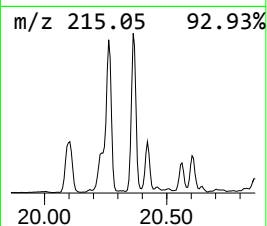
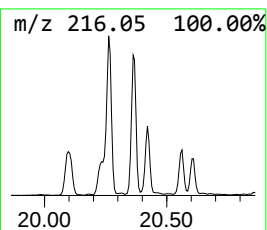
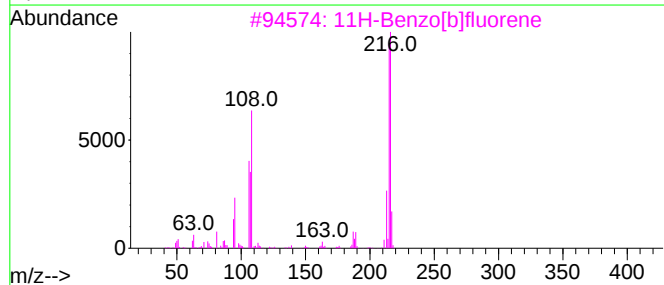
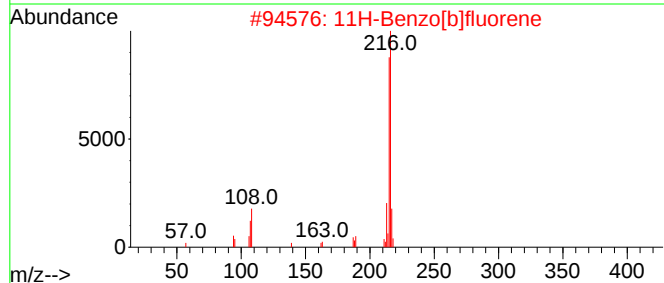
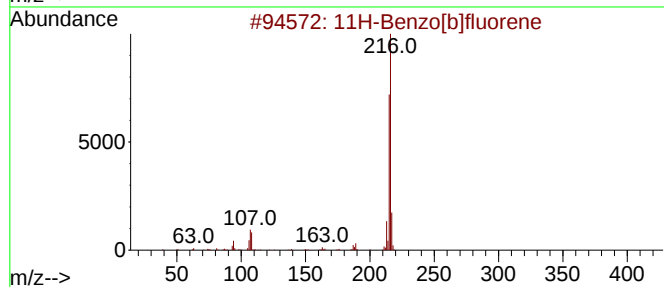
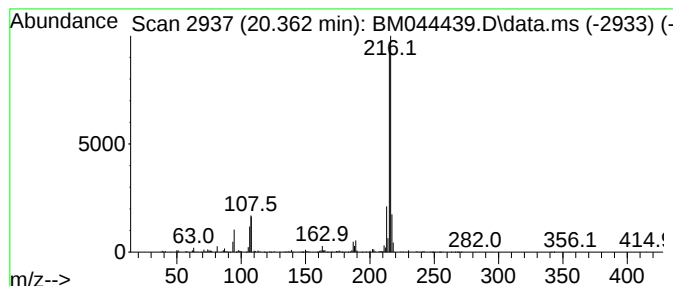
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.362	2.60 ng/ul	723744	Chrysene-d12	21.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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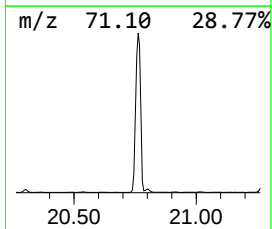
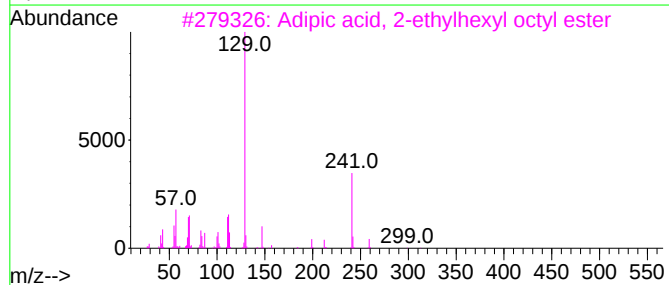
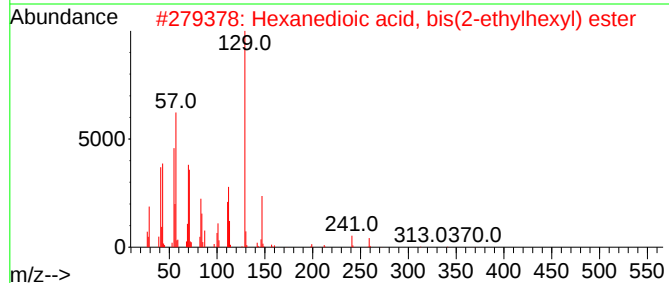
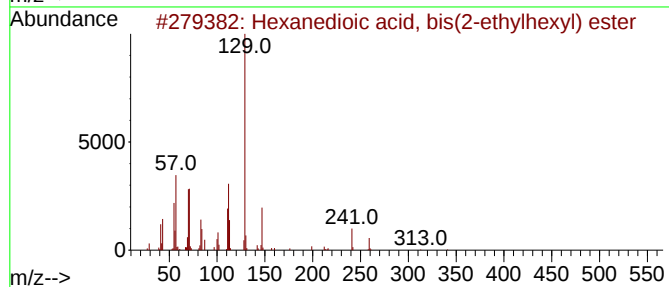
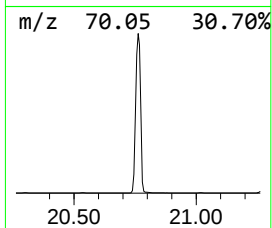
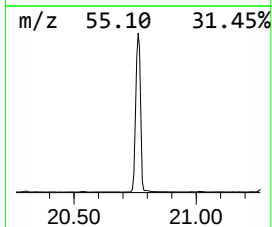
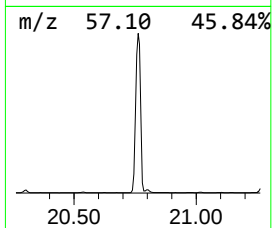
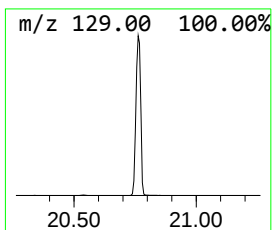
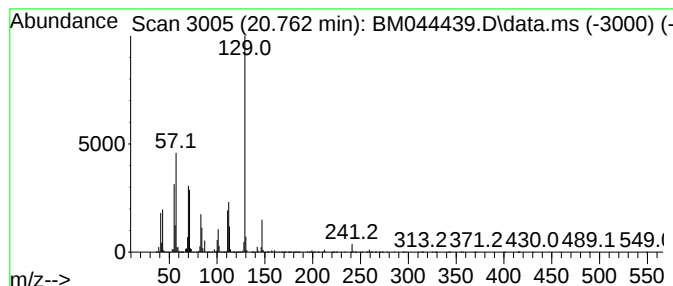
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.762	109.68 ng/ul	30481500	Chrysene-d12	21.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
4			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
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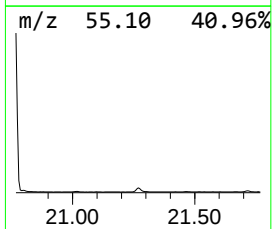
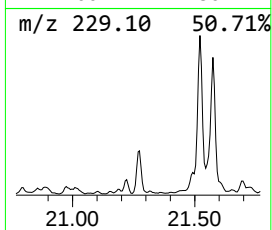
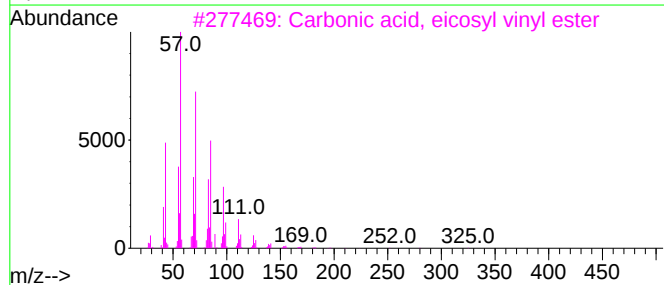
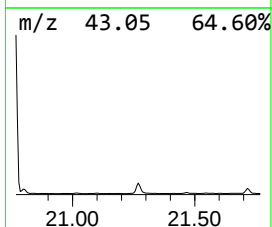
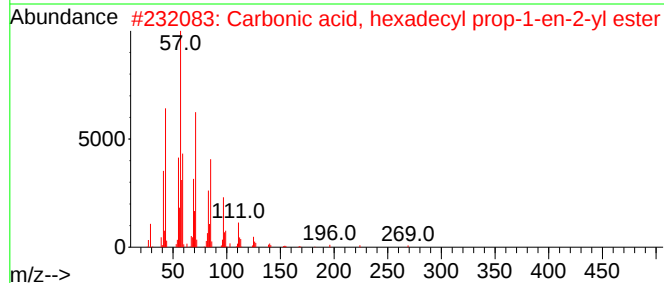
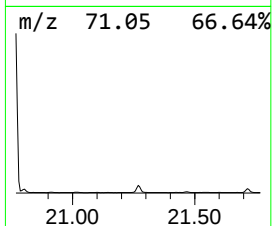
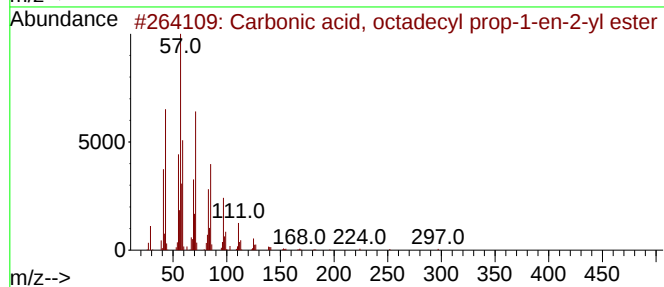
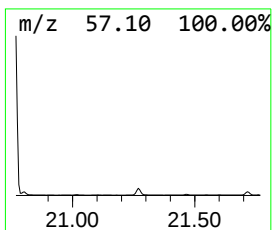
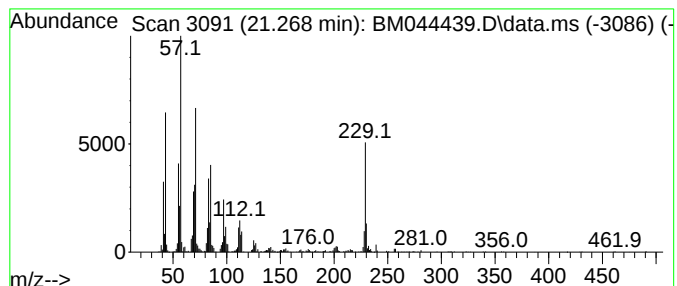
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Carbonic acid, octadecyl pr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.268	3.53 ng/ul	980696	Chrysene-d12	21.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	60
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	60
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	60
4			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	53
5			Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
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ALS Vial : 39 Sample Multiplier: 1

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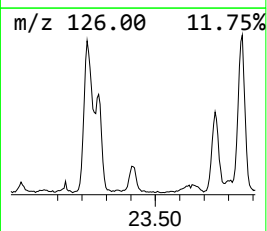
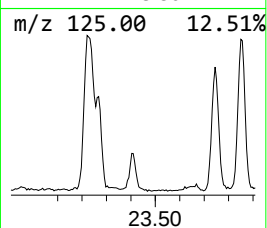
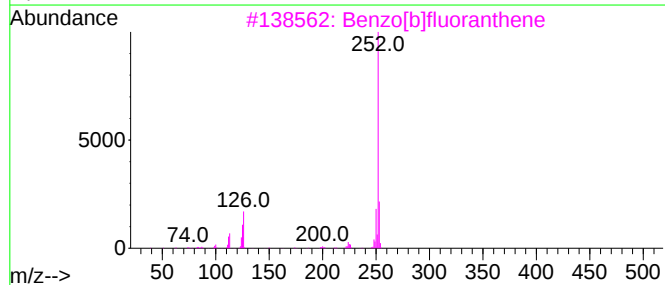
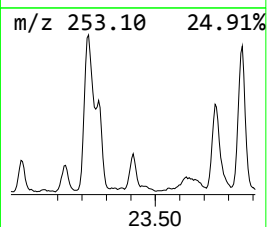
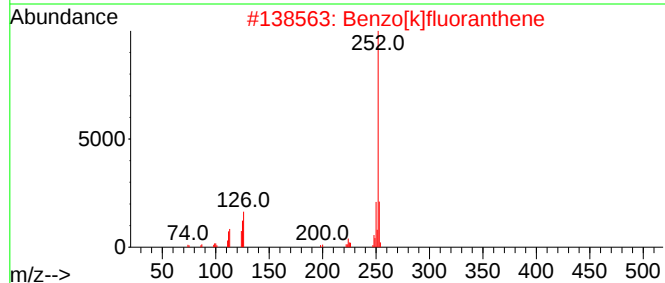
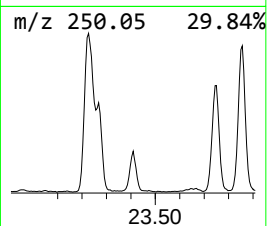
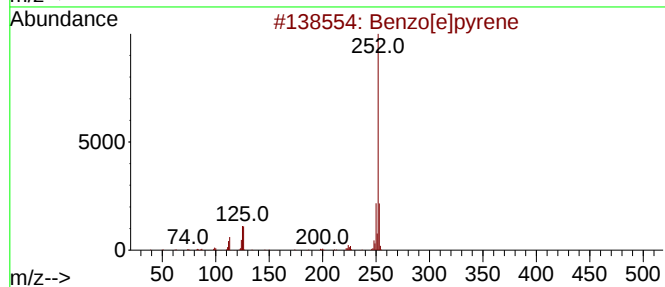
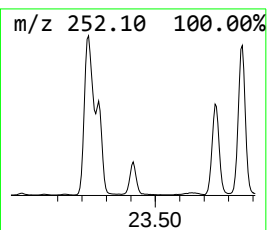
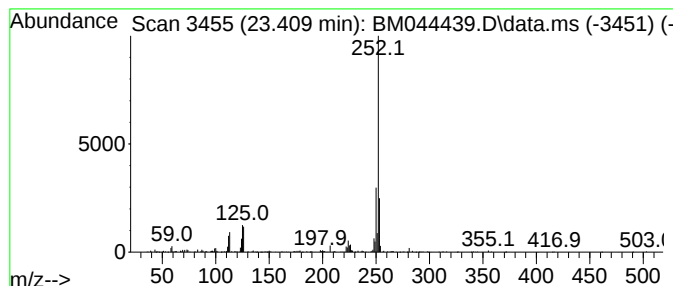
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.409	4.14 ng/ul	439108	Perylene-d12	23.962

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044439.D
Acq On : 29 Feb 2024 14:50
Operator : MA/JU
Sample : P1512-09
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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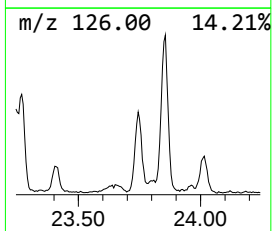
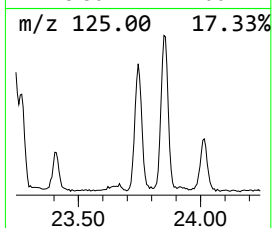
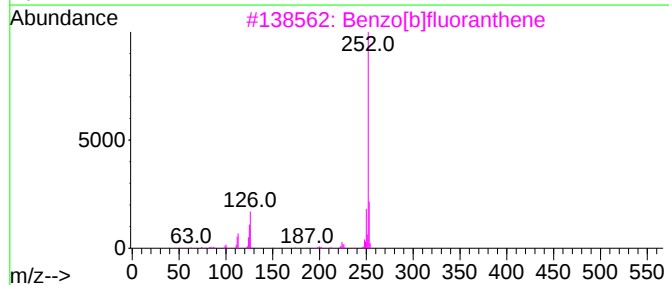
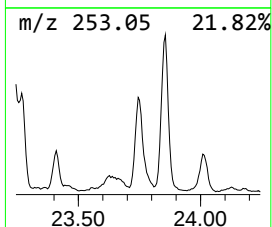
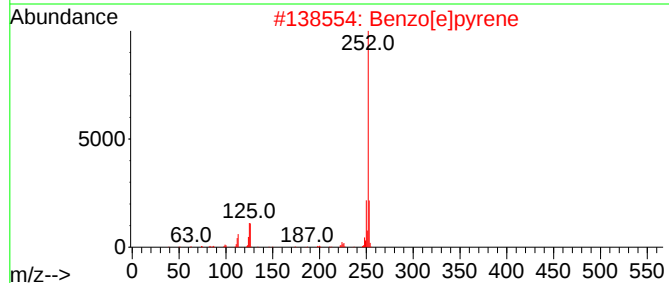
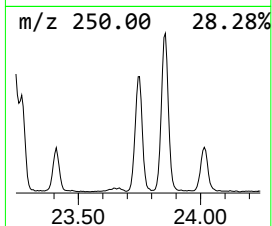
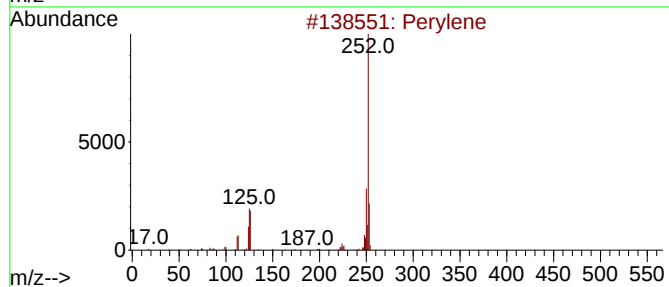
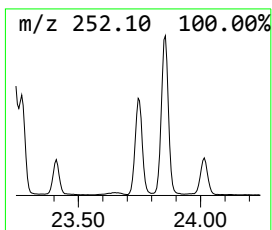
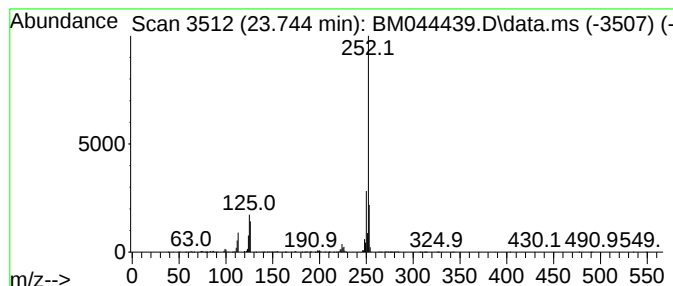
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.744	11.31 ng/ul	1198830	Perylene-d12	23.962

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044439.D
 Acq On : 29 Feb 2024 14:50
 Operator : MA/JU
 Sample : P1512-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0SC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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
3-Penten-2-ol	3.152	109.8	ng/ul	5913920	1	7.951	1077710	20.0
1-Methoxy-3-met...	3.852	5.4	ng/ul	291431	1	7.951	1077710	20.0
unknown-01	3.904	7.4	ng/ul	396839	1	7.951	1077710	20.0
2-Butene, 1-chl...	4.104	8.3	ng/ul	449736	1	7.951	1077710	20.0
(DEL) Alkane: S...	4.493	2.9	ng/ul	157839	1	7.951	1077710	20.0
2-Pentanol, 4-m...	4.681	19.3	ng/ul	1038960	1	7.951	1077710	20.0
unknown-02	4.728	8.3	ng/ul	448186	1	7.951	1077710	20.0
1-Propene, 1-ch...	5.840	2.5	ng/ul	133014	1	7.951	1077710	20.0
4-Chloro-3-meth...	7.651	3.3	ng/ul	175301	1	7.951	1077710	20.0
1-Hexanol, 2-et...	8.022	2.8	ng/ul	149386	1	7.951	1077710	20.0
Hexathiane	15.151	4.6	ng/ul	496571	3	14.592	2160900	20.0
Anthracene, 2-m...	18.221	2.6	ng/ul	322888	4	17.345	2523460	20.0
n-Hexadecanoic ...	18.256	10.7	ng/ul	1349260	4	17.345	2523460	20.0
Phenanthrene, 2...	18.351	2.1	ng/ul	259428	4	17.345	2523460	20.0
4H-Cyclopenta[d...	18.415	6.8	ng/ul	863140	4	17.345	2523460	20.0
Naphthalene, 2-...	18.727	2.5	ng/ul	320539	4	17.345	2523460	20.0
(DEL) Alkane: S...	19.186	2.2	ng/ul	275946	4	17.345	2523460	20.0
unknown-03	19.298	3.1	ng/ul	390085	4	17.345	2523460	20.0
11H-Benzo[b]flu...	20.262	2.9	ng/ul	802873	5	21.539	5558330	20.0
11H-Benzo[a]flu...	20.362	2.6	ng/ul	723744	5	21.539	5558330	20.0
Hexanedioic aci...	20.762	109.7	ng/ul	30481500	5	21.539	5558330	20.0
Carbonic acid, ...	21.268	3.5	ng/ul	980696	5	21.539	5558330	20.0
Benzo[e]pyrene	23.409	4.1	ng/ul	439108	6	23.962	2120560	20.0
Perylene	23.744	11.3	ng/ul	1198830	6	23.962	2120560	20.0