

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
 Data File : BM048529.D
 Acq On : 08 Nov 2024 14:15
 Operator : RC/JU
 Sample : P4636-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R2

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-BM110724.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM048529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	7	10	15	rVB6	8243	12351	0.39%	0.036%
2	3.128	21	24	30	rVB2	23911	30559	0.96%	0.089%
3	3.546	92	95	116	rBV	242264	412781	13.03%	1.196%
4	3.863	146	149	153	rVB4	7523	9546	0.30%	0.028%
5	5.769	469	473	480	rBV3	7325	14811	0.47%	0.043%
6	6.328	563	568	575	rVV8	7858	20345	0.64%	0.059%
7	6.846	649	656	668	rBV	286852	533021	16.82%	1.545%
8	7.004	676	683	693	rBV	239868	401902	12.68%	1.165%
9	7.098	695	699	702	rBV5	5720	6755	0.21%	0.020%
10	7.198	710	716	732	rBV	317315	535891	16.91%	1.553%
11	7.363	743	744	749	rBV4	2543	3567	0.11%	0.010%
12	7.563	775	778	783	rVB6	3743	5398	0.17%	0.016%
13	7.663	788	795	806	rBV	472437	763593	24.10%	2.213%
14	7.757	809	811	816	rVB6	2799	3555	0.11%	0.010%
15	7.969	840	847	854	rVB2	46528	73464	2.32%	0.213%
16	8.381	911	917	935	rBV	343090	623946	19.69%	1.808%
17	8.534	939	943	948	rVV6	4783	8027	0.25%	0.023%
18	8.822	985	992	1011	rVV	274324	482590	15.23%	1.399%
19	8.992	1017	1021	1025	rVB6	4762	7553	0.24%	0.022%
20	9.251	1061	1065	1068	rVB5	3606	4006	0.13%	0.012%
21	9.398	1085	1090	1097	rBV2	24506	45015	1.42%	0.130%
22	9.545	1108	1115	1130	rBV	218979	394765	12.46%	1.144%
23	10.087	1199	1207	1224	rBV	321313	636956	20.10%	1.846%
24	10.451	1261	1269	1278	rBV	631704	1044053	32.95%	3.026%
25	10.598	1287	1294	1309	rBV	260352	584269	18.44%	1.693%
26	11.034	1364	1368	1373	rVV7	6846	13129	0.41%	0.038%
27	12.057	1539	1542	1543	rBV4	4041	3898	0.12%	0.011%
28	12.675	1644	1647	1650	rVV4	2914	4098	0.13%	0.012%
29	13.045	1704	1710	1723	rBV3	19971	35654	1.13%	0.103%
30	13.145	1723	1727	1730	rVV4	2973	5157	0.16%	0.015%
31	13.186	1730	1734	1738	rVB4	16012	22334	0.70%	0.065%
32	13.316	1752	1756	1762	rVB7	10253	16249	0.51%	0.047%
33	13.498	1782	1787	1791	rBV6	4529	6666	0.21%	0.019%
34	13.580	1795	1801	1805	rVV2	77692	121363	3.83%	0.352%
35	13.622	1805	1808	1816	rVB4	20963	33268	1.05%	0.096%
36	13.727	1820	1826	1837	rVV	623943	901852	28.46%	2.614%

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37	13.839	1840	1845	1850	rVB7	7849	13470	0.43%	0.039%
38	14.004	1864	1873	1885	rBV	753349	1143047	36.07%	3.313%
39	14.139	1891	1896	1898	rBV4	8393	12782	0.40%	0.037%
40	14.210	1904	1908	1916	rVB7	11609	19313	0.61%	0.056%
41	14.310	1918	1925	1932	rBV	892239	1327466	41.89%	3.847%
42	14.386	1934	1938	1942	rVB3	15462	23244	0.73%	0.067%
43	14.469	1949	1952	1958	rVB6	3140	4706	0.15%	0.014%
44	14.545	1958	1965	1969	rBV	115554	224175	7.07%	0.650%
45	14.757	1999	2001	2007	rVV6	5729	6496	0.21%	0.019%
46	15.116	2058	2062	2066	rBV5	3299	4583	0.14%	0.013%
47	15.204	2073	2077	2084	rVB6	10258	13597	0.43%	0.039%
48	15.310	2089	2095	2106	rVB	983309	1414571	44.64%	4.099%
49	15.439	2111	2117	2127	rBV	188057	311574	9.83%	0.903%
50	15.551	2131	2136	2139	rBV5	4612	5919	0.19%	0.017%
51	15.598	2139	2144	2149	rVB2	90131	126565	3.99%	0.367%
52	15.674	2151	2157	2165	rBV	537182	747313	23.59%	2.166%
53	15.792	2171	2177	2180	rBV8	4705	7762	0.24%	0.022%
54	15.869	2186	2190	2197	rVB4	10102	18269	0.58%	0.053%
55	15.969	2202	2207	2209	rBV6	2010	3756	0.12%	0.011%
56	16.033	2215	2218	2223	rVB5	7716	7979	0.25%	0.023%
57	16.110	2225	2231	2236	rBV	84020	125932	3.97%	0.365%
58	16.239	2248	2253	2263	rVB	73168	102490	3.23%	0.297%
59	16.416	2280	2283	2288	rVB4	4336	6006	0.19%	0.017%
60	16.474	2290	2293	2297	rBV6	4605	7112	0.22%	0.021%
61	16.551	2301	2306	2310	rBV8	7186	10499	0.33%	0.030%
62	16.698	2328	2331	2336	rVB5	2671	4513	0.14%	0.013%
63	16.839	2353	2355	2360	rVB5	3066	5369	0.17%	0.016%
64	16.963	2373	2376	2383	rBV8	8363	14613	0.46%	0.042%
65	17.057	2384	2392	2403	rVV	1138943	1568525	49.50%	4.546%
66	17.157	2403	2409	2421	rVV	993899	1489933	47.02%	4.318%
67	17.268	2425	2428	2433	rVB7	6935	8764	0.28%	0.025%
68	17.457	2455	2460	2466	rVV9	13297	26834	0.85%	0.078%
69	17.510	2467	2469	2473	rVB5	6247	6635	0.21%	0.019%
70	17.592	2481	2483	2486	rVB4	3700	3889	0.12%	0.011%
71	17.721	2499	2505	2511	rVB9	10496	26413	0.83%	0.077%
72	17.839	2514	2525	2531	rBV9	26047	61453	1.94%	0.178%
73	17.898	2531	2535	2539	rBV5	19568	30302	0.96%	0.088%
74	17.962	2540	2546	2556	rBV	379452	583394	18.41%	1.691%
75	18.257	2592	2596	2607	rBV8	23332	45322	1.43%	0.131%
76	18.392	2615	2619	2625	rBV5	31032	53326	1.68%	0.155%

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77	18.527	2640	2642	2645	rBV4	4550	4102	0.13%	0.012%
78	18.810	2685	2690	2697	rBV2	24755	47413	1.50%	0.137%
79	18.921	2706	2709	2711	rBV3	10159	14077	0.44%	0.041%
80	19.015	2722	2725	2730	rVB3	16228	19064	0.60%	0.055%
81	19.092	2734	2738	2740	rBV3	24361	34287	1.08%	0.099%
82	19.121	2741	2743	2746	rVV4	15099	15621	0.49%	0.045%
83	19.239	2759	2763	2772	rBV	97271	154023	4.86%	0.446%
84	19.451	2794	2799	2806	rBV	1402504	1917466	60.52%	5.557%
85	19.509	2806	2809	2816	rVB2	64251	87990	2.78%	0.255%
86	20.333	2944	2949	2953	rBV	278007	346532	10.94%	1.004%
87	20.374	2953	2956	2964	rVB7	52998	90382	2.85%	0.262%
88	20.498	2974	2977	2981	rBV	87865	96473	3.04%	0.280%
89	20.974	3050	3058	3068	rBV2	455506	875106	27.62%	2.536%
90	21.062	3069	3073	3080	rVB5	98477	141593	4.47%	0.410%
91	21.286	3105	3111	3125	rBV	1248311	1961940	61.92%	5.686%
92	21.474	3138	3143	3152	rBV	535501	721466	22.77%	2.091%
93	22.021	3231	3236	3250	rVB	575500	959641	30.29%	2.781%
94	22.645	3336	3342	3356	rVB	624522	1160083	36.61%	3.362%
95	23.362	3458	3464	3473	rVB	559612	1056497	33.34%	3.062%
96	23.927	3555	3560	3564	rBV2	135064	282100	8.90%	0.818%
97	23.992	3565	3571	3586	rVB	838307	2106919	66.49%	6.106%
98	24.197	3597	3606	3618	rBV2	1254327	3168571	100.00%	9.183%
99	25.197	3769	3776	3788	rVB	359613	990596	31.26%	2.871%
100	26.391	3972	3979	3991	rVB2	272340	813890	25.69%	2.359%

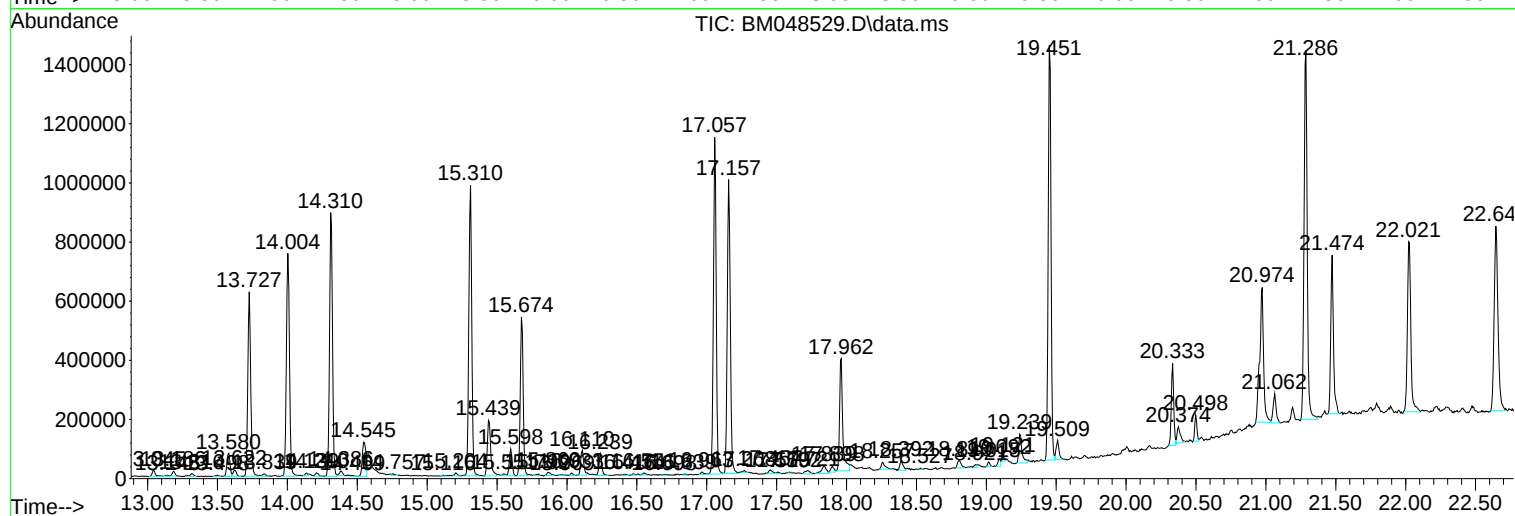
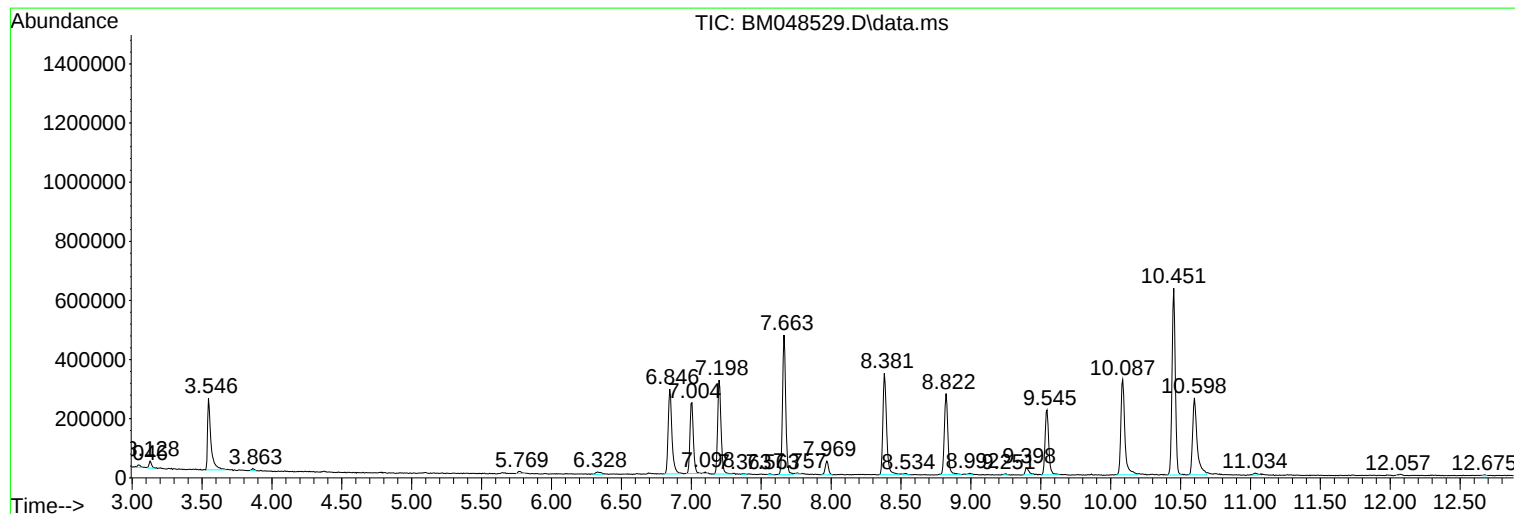
Sum of corrected areas: 34506130

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

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



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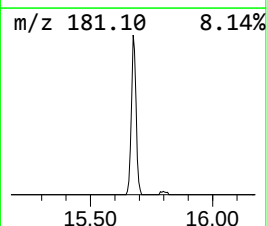
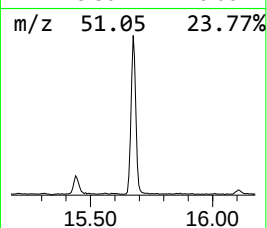
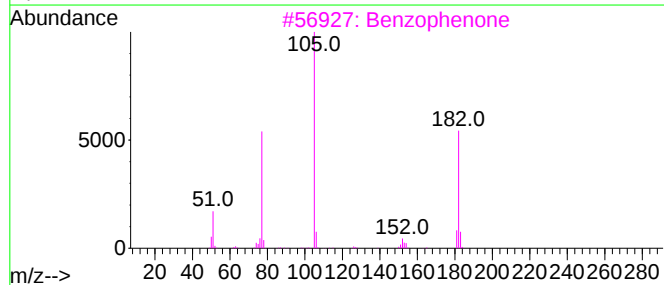
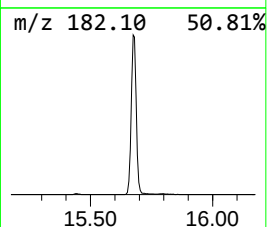
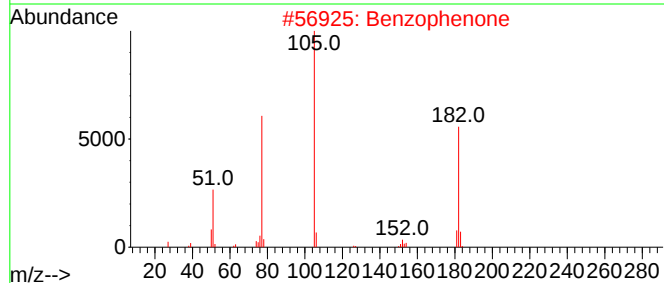
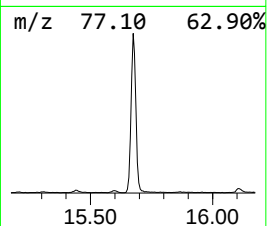
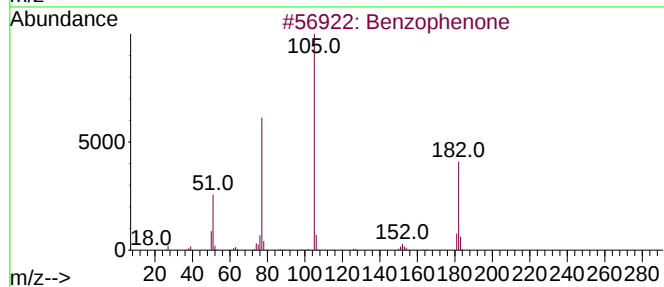
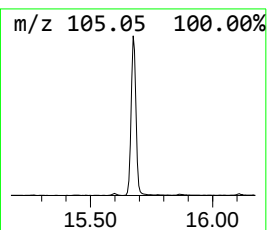
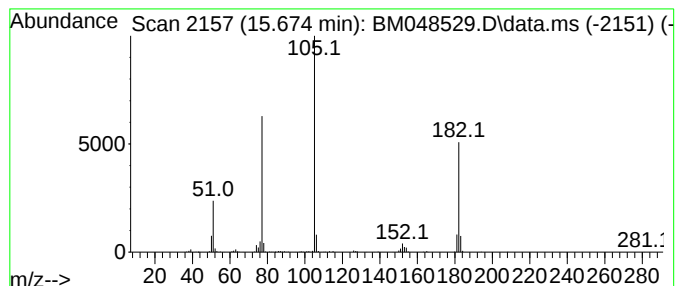
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	11.26 ng/ul	747313	Acenaphthene-d10	14.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	95
4			Benzophenone	182	C13H10O	000119-61-9	93
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50



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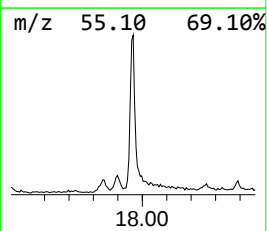
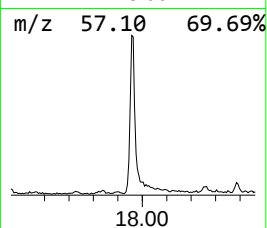
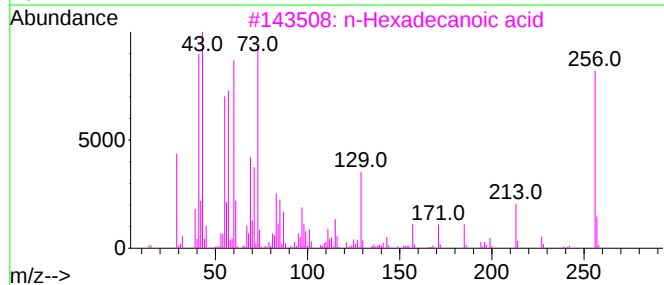
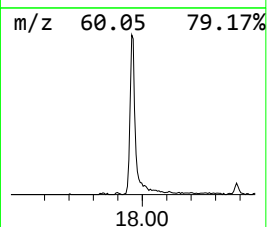
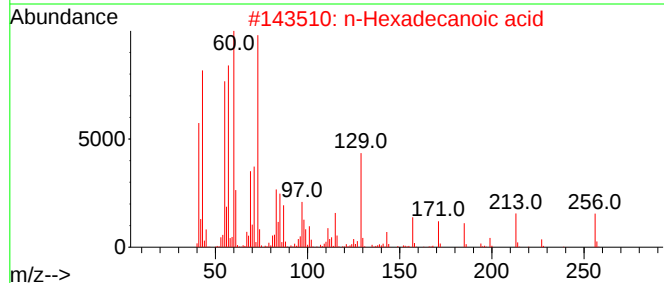
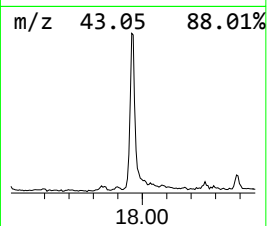
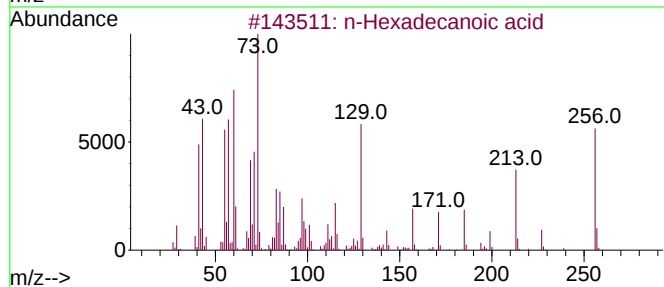
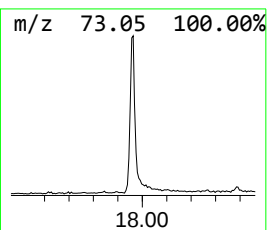
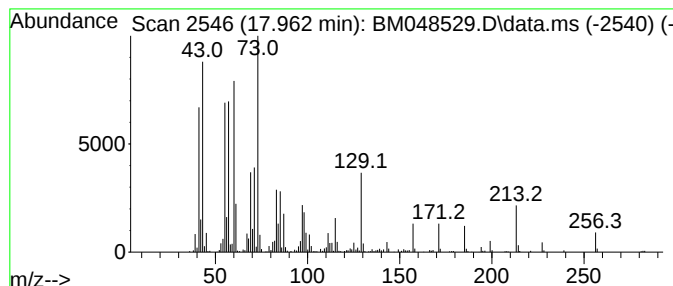
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	7.44 ng/ul	583394	Phenanthrene-d10	17.057

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	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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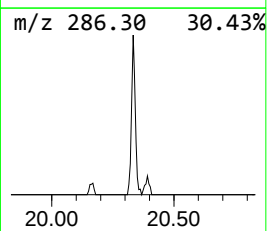
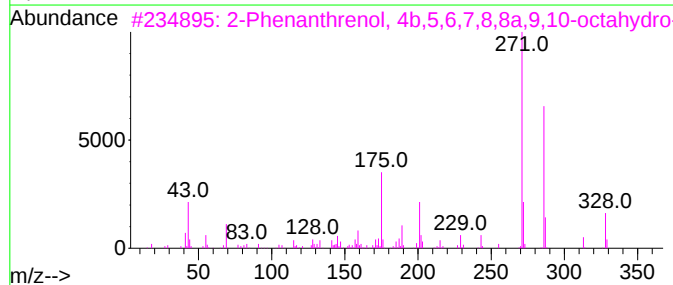
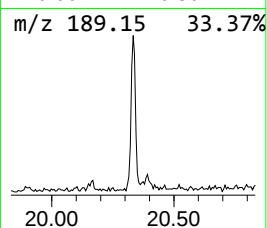
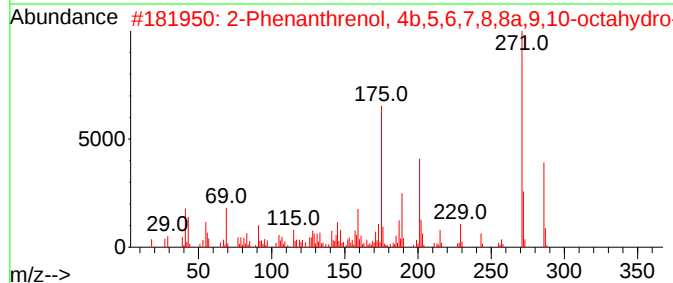
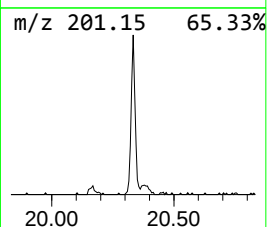
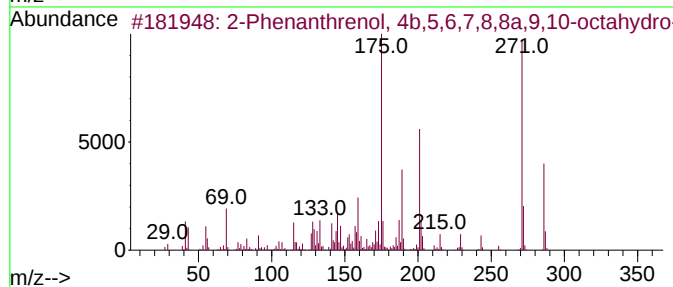
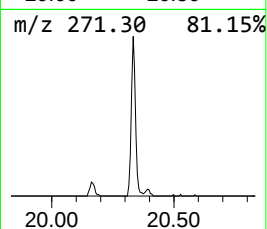
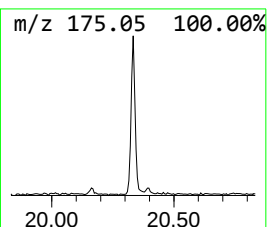
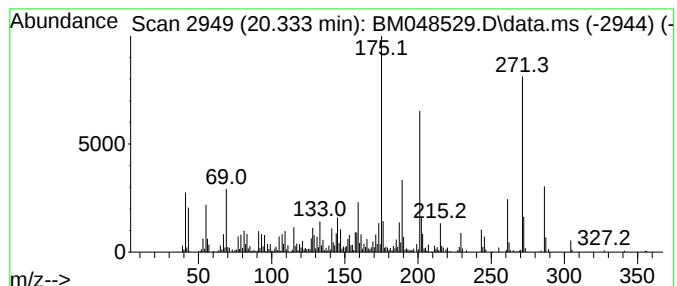
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	3.53 ng/ul	346532	Chrysene-d12	21.286

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	92		
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	87		
4	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	83		
5	Pisiferol	302	C20H30O2	024035-36-7	43		



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Data File : BM048529.D
Acq On : 08 Nov 2024 14:15
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Sample : P4636-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

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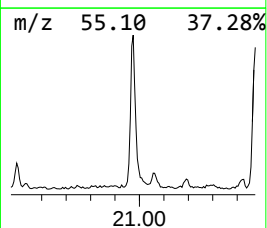
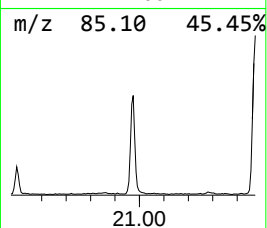
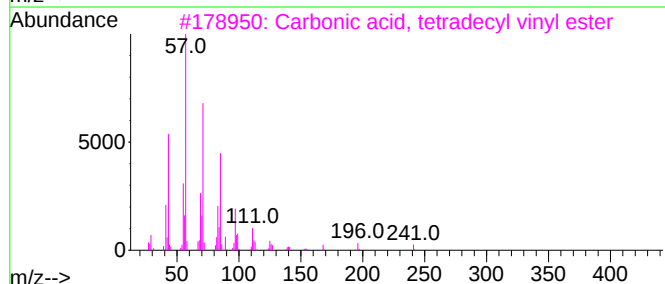
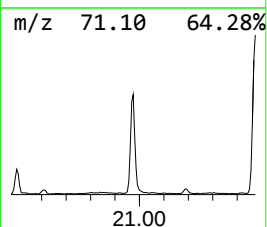
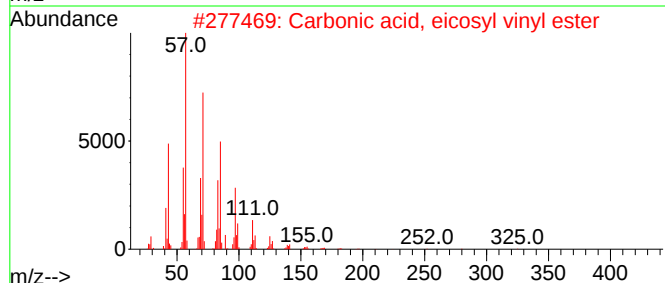
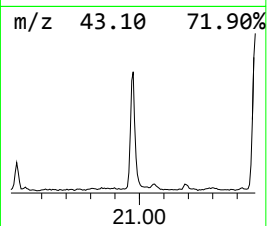
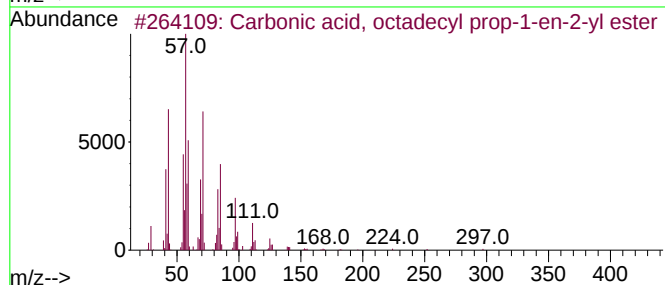
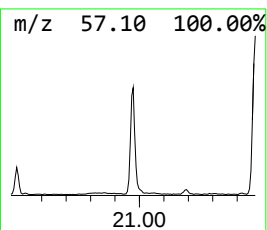
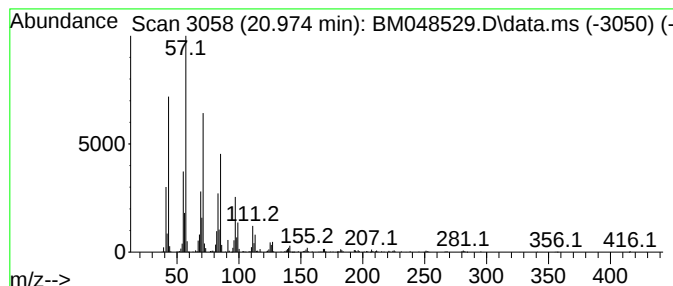
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Carbonic acid, octadecyl pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	8.92 ng/ul	875106	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	91
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
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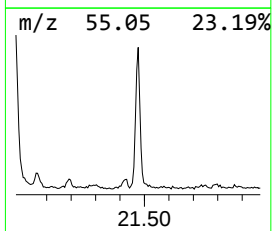
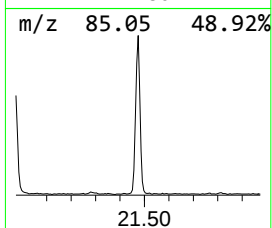
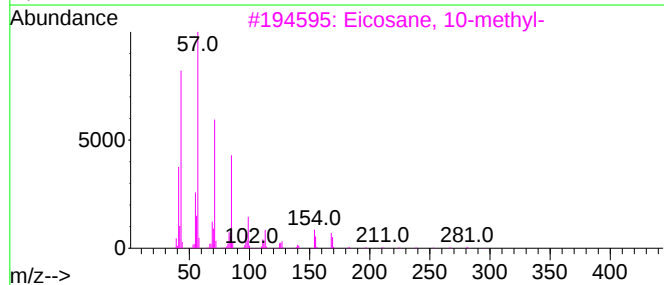
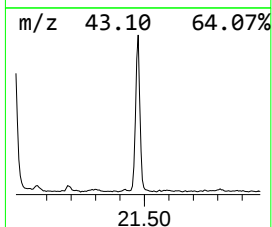
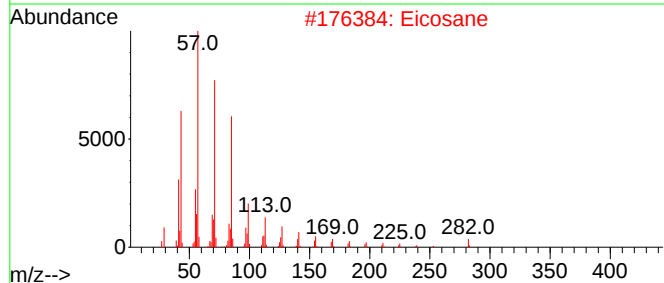
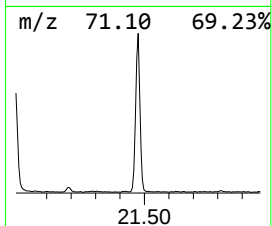
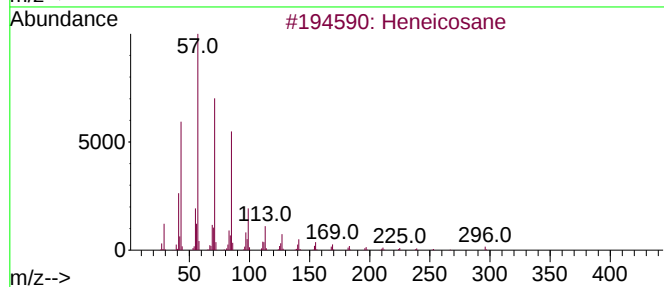
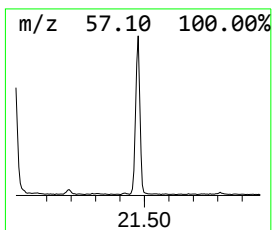
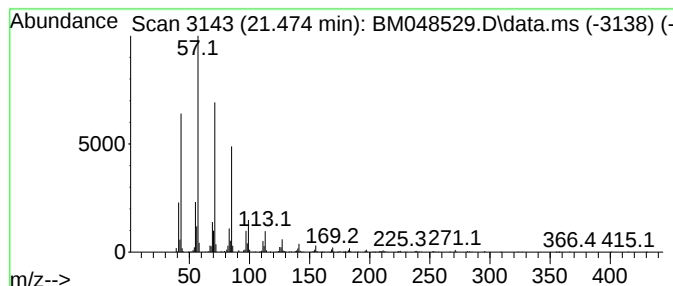
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.474	7.35 ng/ul	721466	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Eicosane	282	C20H42	000112-95-8	98
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048529.D
Acq On : 08 Nov 2024 14:15
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Sample : P4636-18
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ClientSampleId :
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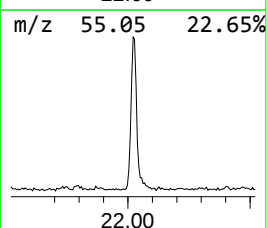
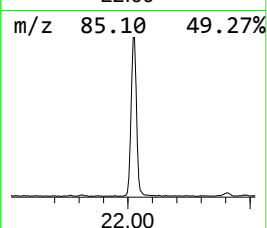
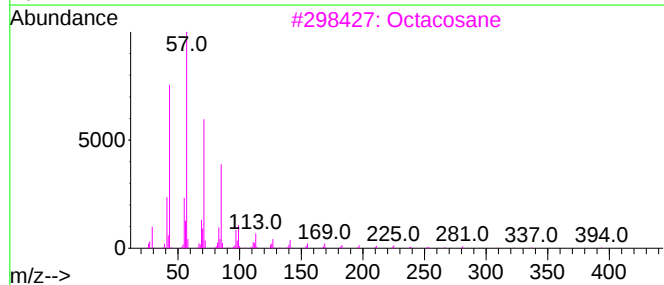
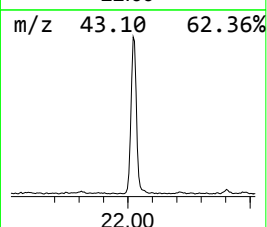
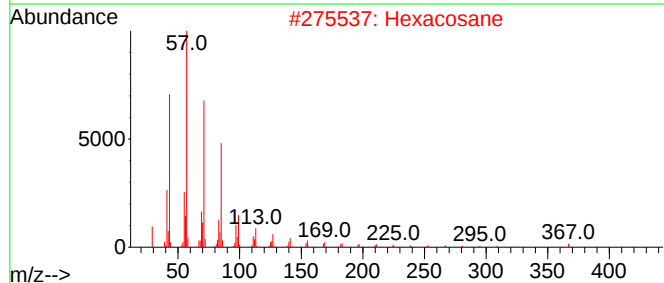
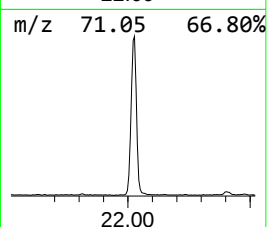
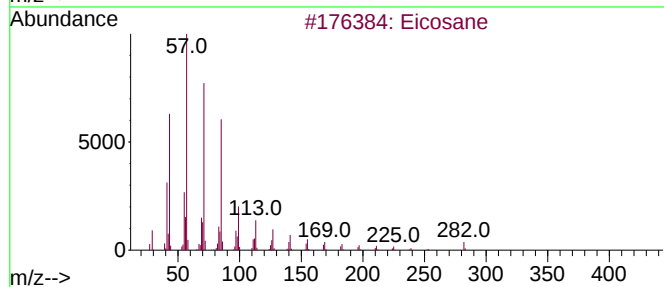
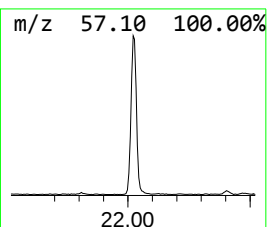
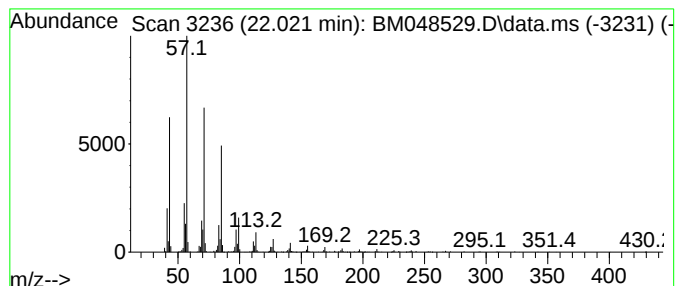
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.021	9.78 ng/ul	959641	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
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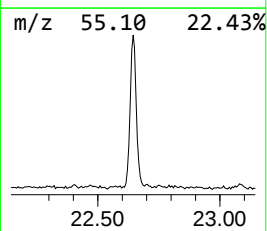
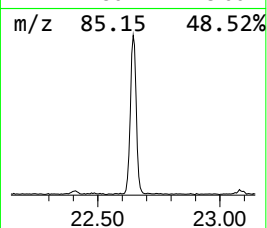
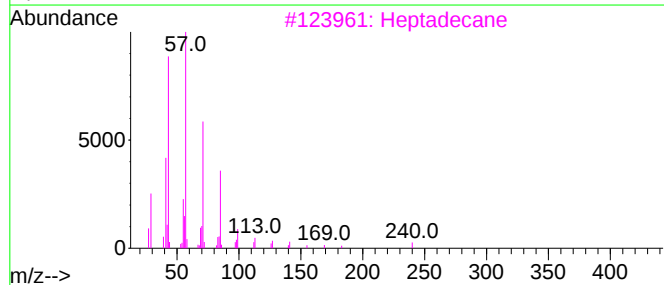
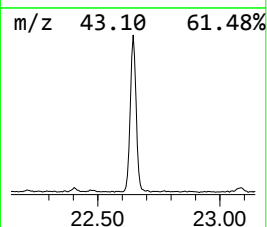
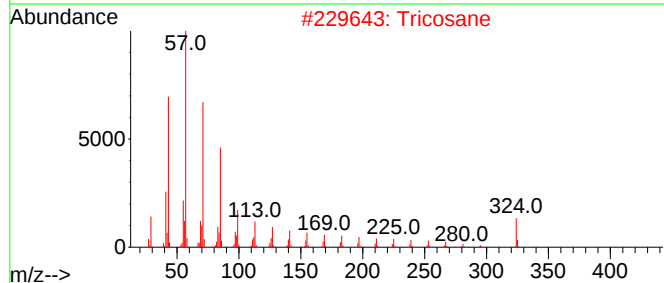
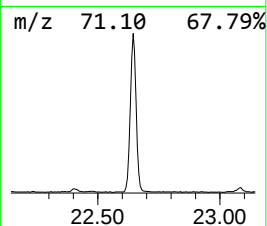
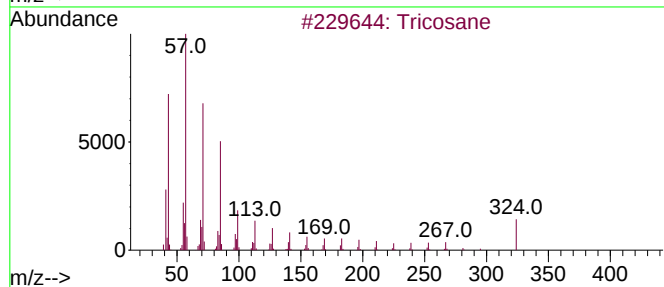
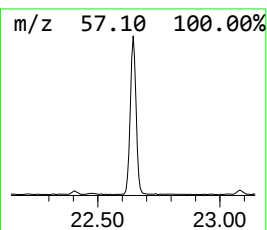
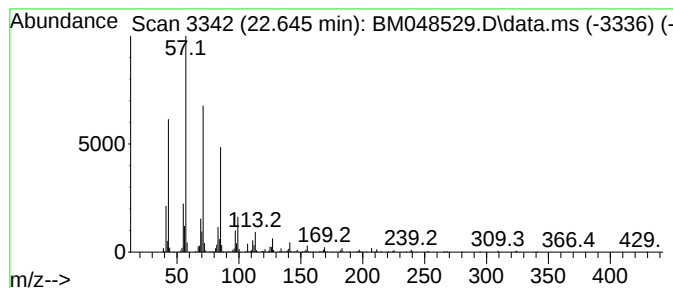
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.645	11.83 ng/ul	1160080	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	95
2			Tricosane	324	C23H48	000638-67-5	94
3			Heptadecane	240	C17H36	000629-78-7	94
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5			Docosane, 5-butyl-	366	C26H54	055282-16-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048529.D
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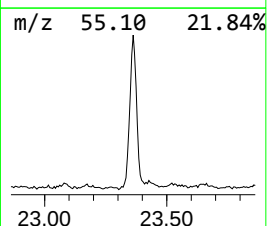
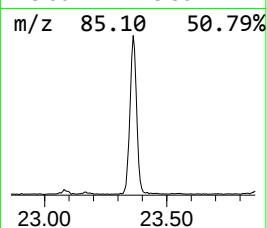
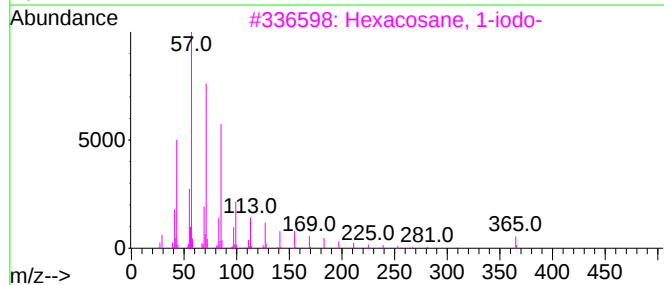
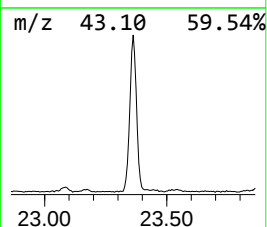
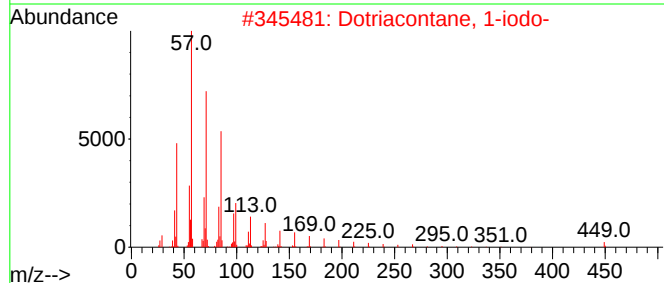
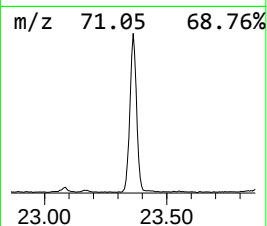
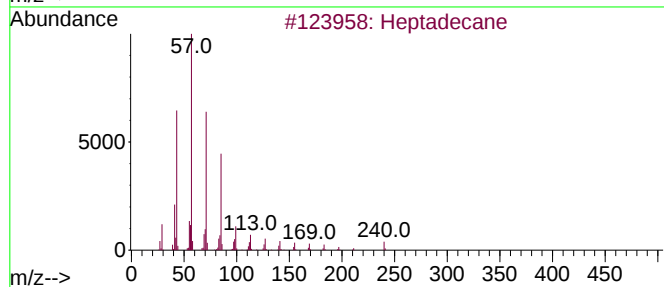
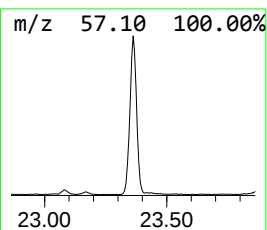
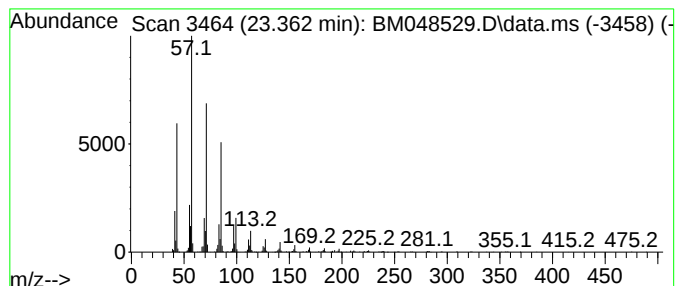
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.362	6.67 ng/ul	1056500	Perylene-d12	24.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3		Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91
4		Triacosane, 1-iodo-	548	C30H61I	1000406-32-3	91
5		Octacosane	394	C28H58	000630-02-4	91



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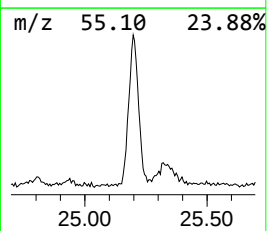
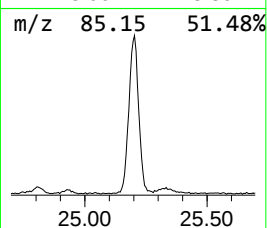
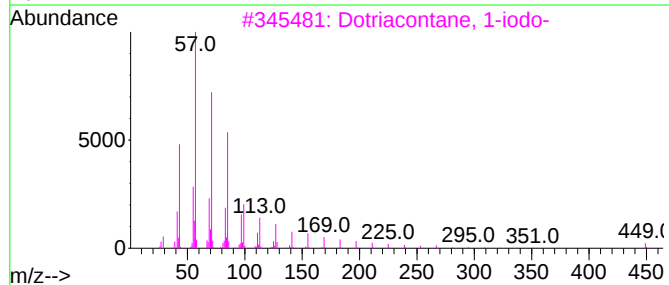
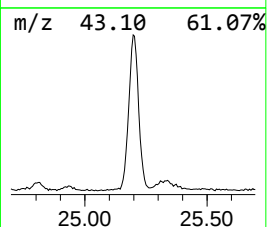
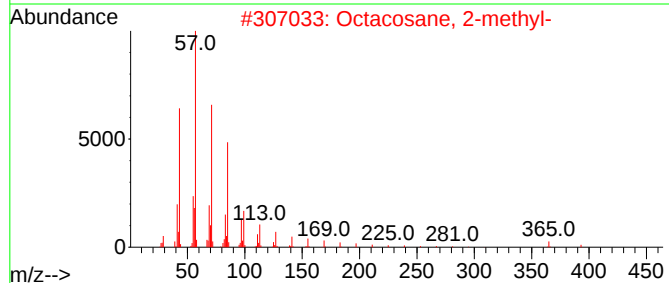
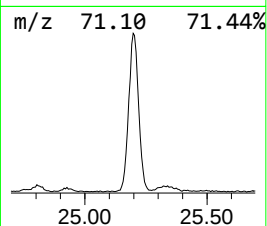
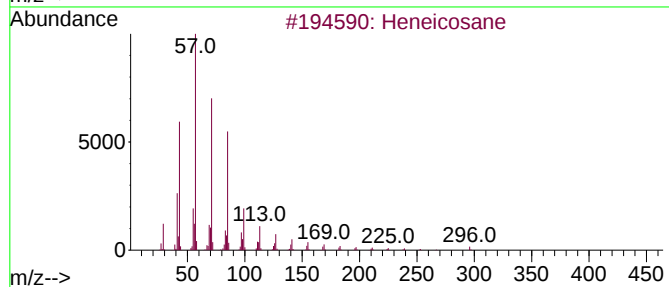
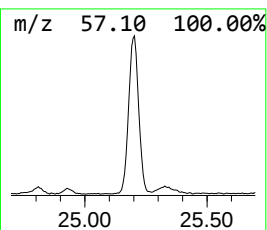
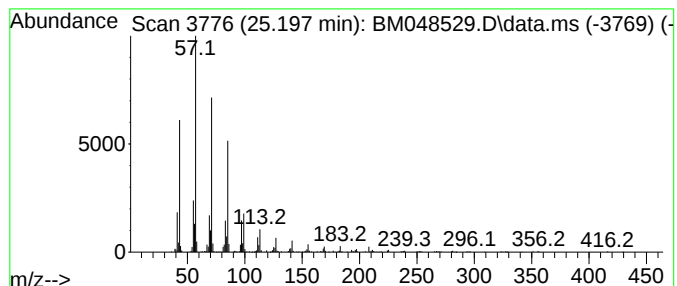
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.197	6.25 ng/ul	990596	Perylene-d12	24.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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ClientSampleId :
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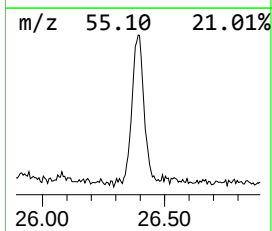
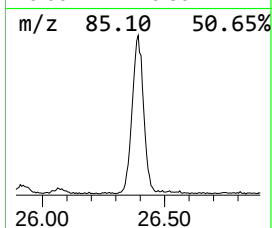
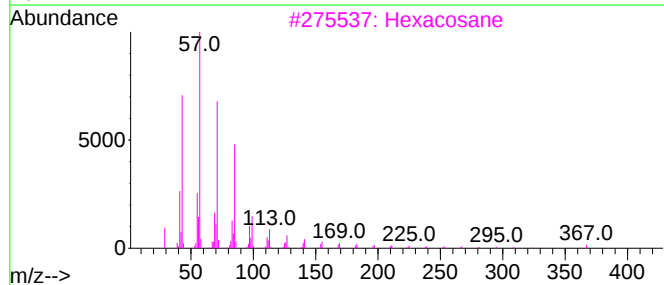
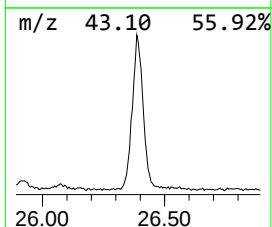
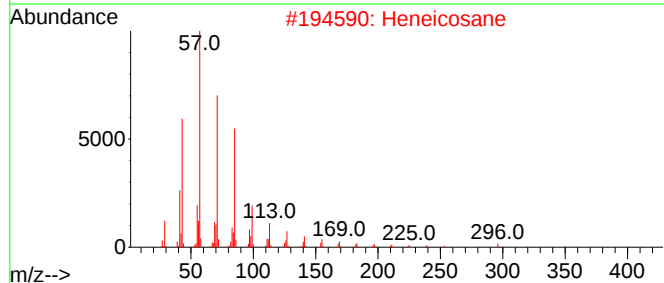
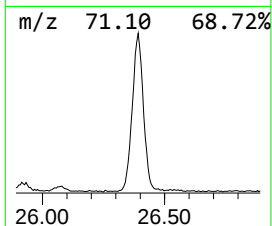
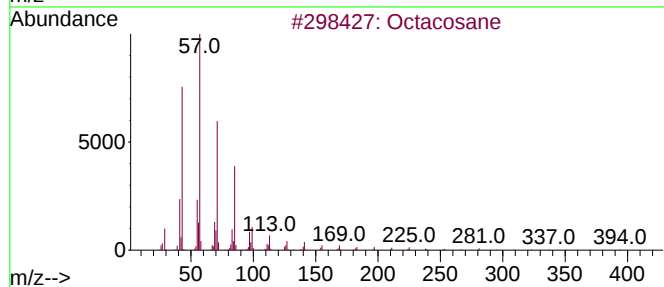
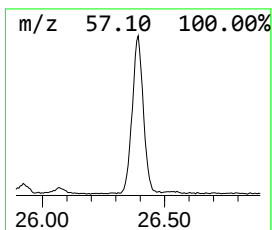
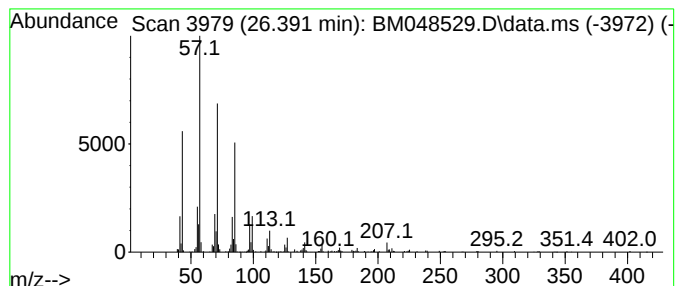
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.391	5.14 ng/ul	813890	Perylene-d12	24.197

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048529.D
Acq On : 08 Nov 2024 14:15
Operator : RC/JU
Sample : P4636-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.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
Benzophenone	15.674	11.3	ng/ul	747313	3	14.310	1327470	20.0
n-Hexadecanoic ...	17.962	7.4	ng/ul	583394	4	17.057	1568530	20.0
2-Phenanthrenol...	20.333	3.5	ng/ul	346532	5	21.286	1961940	20.0
Carbonic acid, ...	20.974	8.9	ng/ul	875106	5	21.286	1961940	20.0
(DEL) Alkane: S...	21.474	7.3	ng/ul	721466	5	21.286	1961940	20.0
(DEL) Alkane: S...	22.021	9.8	ng/ul	959641	5	21.286	1961940	20.0
(DEL) Alkane: S...	22.645	11.8	ng/ul	1160080	5	21.286	1961940	20.0
(DEL) Alkane: S...	23.362	6.7	ng/ul	1056500	6	24.197	3168570	20.0
(DEL) Alkane: S...	25.197	6.3	ng/ul	990596	6	24.197	3168570	20.0
(DEL) Alkane: S...	26.391	5.1	ng/ul	813890	6	24.197	3168570	20.0