

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038919.D
 Acq On : 08 Mar 2023 06:16
 Operator : CG/JU
 Sample : 01746-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE0

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-BM022823.M
 Title : SVOA CALIBRATION

Signal : TIC: BM038919.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	11	15	22	rVB	53523	77100	0.73%	0.082%
2	3.669	61	65	73	rBV4	17038	39611	0.38%	0.042%
3	3.804	86	88	108	rBV	325084	552516	5.23%	0.588%
4	4.046	124	129	135	rBV2	24916	41712	0.40%	0.044%
5	4.140	142	145	149	rBV	20044	28591	0.27%	0.030%
6	4.246	159	163	171	rVB2	17461	28238	0.27%	0.030%
7	5.075	300	304	310	rVB3	16697	29412	0.28%	0.031%
8	6.375	521	525	531	rBV4	14608	24420	0.23%	0.026%
9	6.969	622	626	634	rBV7	10123	21135	0.20%	0.022%
10	7.151	650	657	669	rVB	257864	431480	4.09%	0.459%
11	7.328	680	687	699	rBV	1020877	1634632	15.49%	1.740%
12	7.528	713	721	730	rBV	934092	1480582	14.03%	1.576%
13	7.628	730	738	746	rVB8	10298	27497	0.26%	0.029%
14	7.722	749	754	759	rVB	17118	28186	0.27%	0.030%
15	7.998	794	801	808	rBV	1086703	1671561	15.84%	1.779%
16	8.704	914	921	931	rVB	769381	1187828	11.25%	1.264%
17	8.845	940	945	952	rVB	45129	78937	0.75%	0.084%
18	9.163	992	999	1008	rVV	1243783	1977348	18.73%	2.104%
19	9.233	1008	1011	1015	rVV3	18165	35631	0.34%	0.038%
20	9.339	1022	1029	1030	rVV4	11453	21588	0.20%	0.023%
21	9.486	1045	1054	1059	rBV3	17797	39851	0.38%	0.042%
22	9.592	1069	1072	1077	rVB	28855	44711	0.42%	0.048%
23	9.892	1115	1123	1130	rBV	899941	1475926	13.98%	1.571%
24	10.428	1207	1214	1222	rBV	1435588	2308652	21.87%	2.457%
25	10.816	1270	1280	1286	rBV	1576206	2654796	25.15%	2.825%
26	10.863	1286	1288	1294	rVV	54314	72018	0.68%	0.077%
27	10.945	1294	1302	1320	rVV	1364040	2550609	24.17%	2.715%
28	11.922	1463	1468	1473	rBV	31166	52983	0.50%	0.056%
29	12.004	1477	1482	1487	rBV5	13737	23385	0.22%	0.025%
30	12.233	1517	1521	1529	rVB	80301	104145	0.99%	0.111%
31	12.369	1538	1544	1546	rBV3	19085	34233	0.32%	0.036%
32	12.398	1546	1549	1554	rVV2	30249	45647	0.43%	0.049%
33	12.469	1554	1561	1567	rVB3	17199	31302	0.30%	0.033%
34	12.686	1591	1598	1601	rVV5	18894	33254	0.32%	0.035%
35	12.721	1601	1604	1609	rVB5	18850	26811	0.25%	0.029%
36	12.863	1619	1628	1632	rVV10	14403	30833	0.29%	0.033%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
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37	12.969	1643	1646	1650	rVV5	13633	21207	0.20%	0.023%
38	13.039	1654	1658	1665	rVB6	22297	39045	0.37%	0.042%
39	13.127	1665	1673	1679	rBV9	22917	60057	0.57%	0.064%
40	13.186	1679	1683	1689	rVB3	25082	37969	0.36%	0.040%
41	13.468	1725	1731	1737	rBV2	196395	274194	2.60%	0.292%
42	13.586	1747	1751	1755	rVV5	15639	26957	0.26%	0.029%
43	13.798	1778	1787	1791	rBV8	29595	74211	0.70%	0.079%
44	13.839	1791	1794	1803	rVB5	33852	58070	0.55%	0.062%
45	13.957	1803	1814	1817	rBV6	25069	69521	0.66%	0.074%
46	14.045	1823	1829	1835	rVB	3049099	4066335	38.53%	4.328%
47	14.121	1839	1842	1845	rVV	36541	38045	0.36%	0.040%
48	14.163	1845	1849	1853	rVB6	36821	47332	0.45%	0.050%
49	14.327	1871	1877	1887	rVB	3271913	4812043	45.59%	5.121%
50	14.533	1907	1912	1920	rBV	281480	373750	3.54%	0.398%
51	14.633	1920	1929	1936	rVV	2507266	3686086	34.92%	3.923%
52	14.704	1936	1941	1946	rVV3	37069	81042	0.77%	0.086%
53	14.763	1947	1951	1955	rVV	62966	97182	0.92%	0.103%
54	14.815	1955	1960	1974	rVB	288357	476645	4.52%	0.507%
55	14.980	1984	1988	1994	rBV6	23669	55010	0.52%	0.059%
56	15.039	1994	1998	2004	rVB9	52835	80524	0.76%	0.086%
57	15.092	2004	2007	2013	rBV3	19883	33161	0.31%	0.035%
58	15.168	2013	2020	2026	rVB4	54042	116595	1.10%	0.124%
59	15.221	2026	2029	2031	rBV	18766	21966	0.21%	0.023%
60	15.257	2032	2035	2039	rVB5	15754	21545	0.20%	0.023%
61	15.486	2066	2074	2079	rVB	312303	400577	3.80%	0.426%
62	15.545	2079	2084	2087	rBV7	15025	27515	0.26%	0.029%
63	15.627	2091	2098	2104	rVV	4553011	6326209	59.94%	6.733%
64	15.733	2110	2116	2124	rBV	1360178	1840447	17.44%	1.959%
65	15.892	2135	2143	2148	rVB2	72882	142091	1.35%	0.151%
66	15.992	2154	2160	2165	rVV	1206283	1612507	15.28%	1.716%
67	16.039	2165	2168	2174	rVV4	26611	43634	0.41%	0.046%
68	16.104	2175	2179	2190	rVB9	45300	82195	0.78%	0.087%
69	16.345	2215	2220	2230	rBV	331206	550551	5.22%	0.586%
70	16.551	2253	2255	2260	rVB3	29613	39852	0.38%	0.042%
71	16.768	2290	2292	2296	rVB4	23343	25891	0.25%	0.028%
72	17.027	2331	2336	2340	rBV8	35552	64643	0.61%	0.069%
73	17.139	2351	2355	2359	rBV	244615	286019	2.71%	0.304%
74	17.192	2360	2364	2368	rVB	70367	103578	0.98%	0.110%
75	17.380	2390	2396	2402	rBV	3173952	4402898	41.71%	4.686%
76	17.480	2406	2413	2422	rVV	5426937	7613536	72.13%	8.103%

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77	17.562	2425	2427	2432	rVV3	57883	78679	0.75%	0.084%
78	17.615	2433	2436	2439	rVB5	21399	27024	0.26%	0.029%
79	17.880	2477	2481	2487	rBV	177011	210356	1.99%	0.224%
80	18.051	2506	2510	2515	rVB	112359	143172	1.36%	0.152%
81	18.145	2523	2526	2532	rBV6	27735	55256	0.52%	0.059%
82	18.274	2543	2548	2559	rBV	721620	1093667	10.36%	1.164%
83	18.574	2595	2599	2603	rBV	131346	174740	1.66%	0.186%
84	18.703	2617	2621	2628	rVB	178526	203236	1.93%	0.216%
85	19.127	2690	2693	2697	rBV3	45117	69244	0.66%	0.074%
86	19.198	2701	2705	2707	rVV2	151675	210673	2.00%	0.224%
87	19.221	2707	2709	2713	rVB2	145036	159355	1.51%	0.170%
88	19.333	2724	2728	2730	rBV	77448	104495	0.99%	0.111%
89	19.398	2735	2739	2742	rVV	82788	132427	1.25%	0.141%
90	19.427	2742	2744	2753	rVB4	70853	101293	0.96%	0.108%
91	19.545	2760	2764	2773	rBV	186339	288277	2.73%	0.307%
92	19.768	2796	2802	2809	rBV	7088585	9644597	91.37%	10.265%
93	20.274	2886	2888	2891	rBV4	33418	36159	0.34%	0.038%
94	20.315	2892	2895	2899	rVB4	47387	50953	0.48%	0.054%
95	20.762	2969	2971	2974	rVB	74638	72826	0.69%	0.078%
96	21.262	3052	3056	3066	rBV	1256691	1691345	16.02%	1.800%
97	21.556	3101	3106	3116	rBV	4171691	5241561	49.66%	5.579%
98	22.844	3321	3325	3331	rVB	553955	742688	7.04%	0.790%
99	23.850	3488	3496	3505	rBV2	5209250	10554972	100.00%	11.234%
100	24.009	3516	3523	3533	rVB2	2827656	5694268	53.95%	6.060%

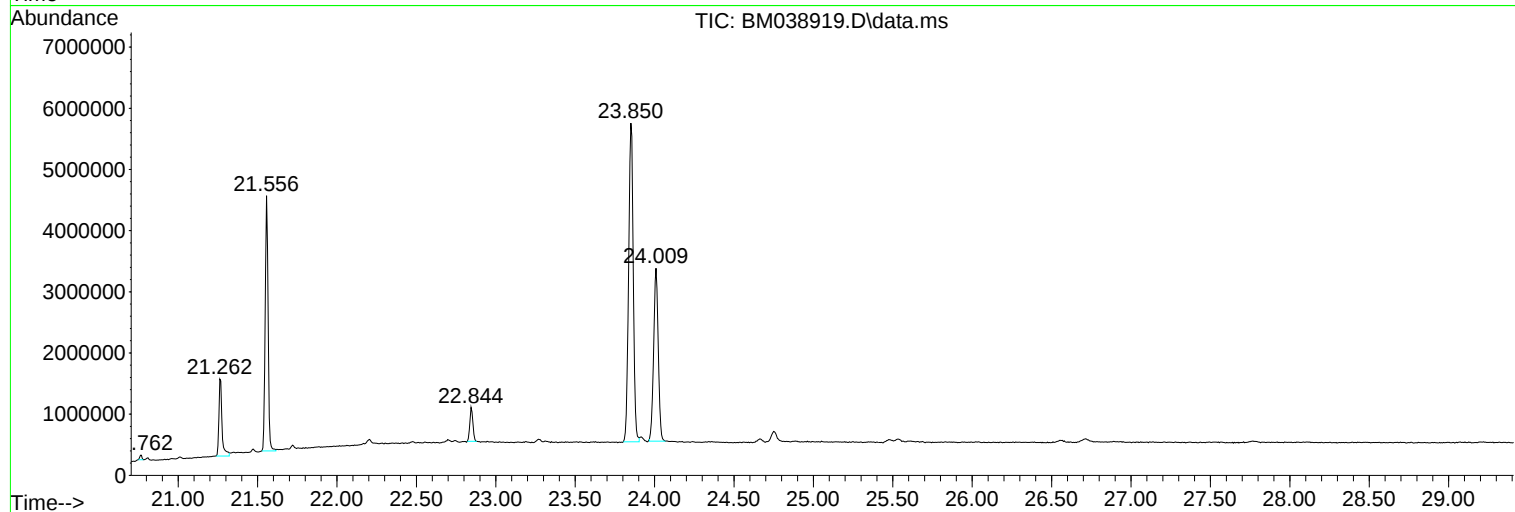
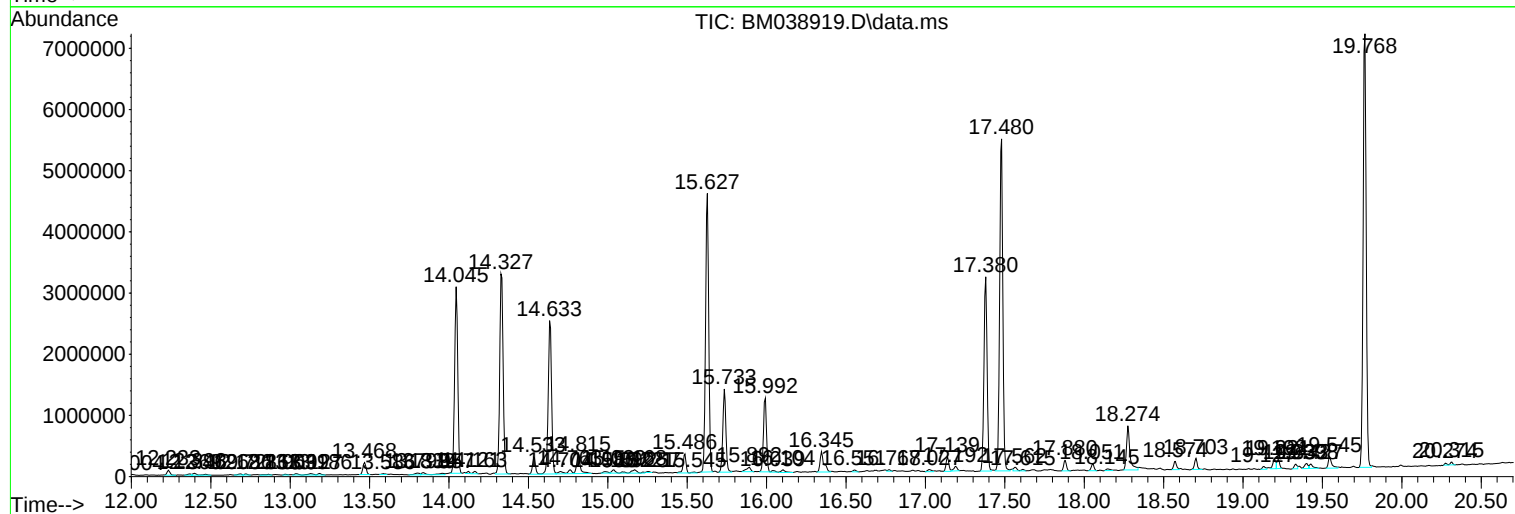
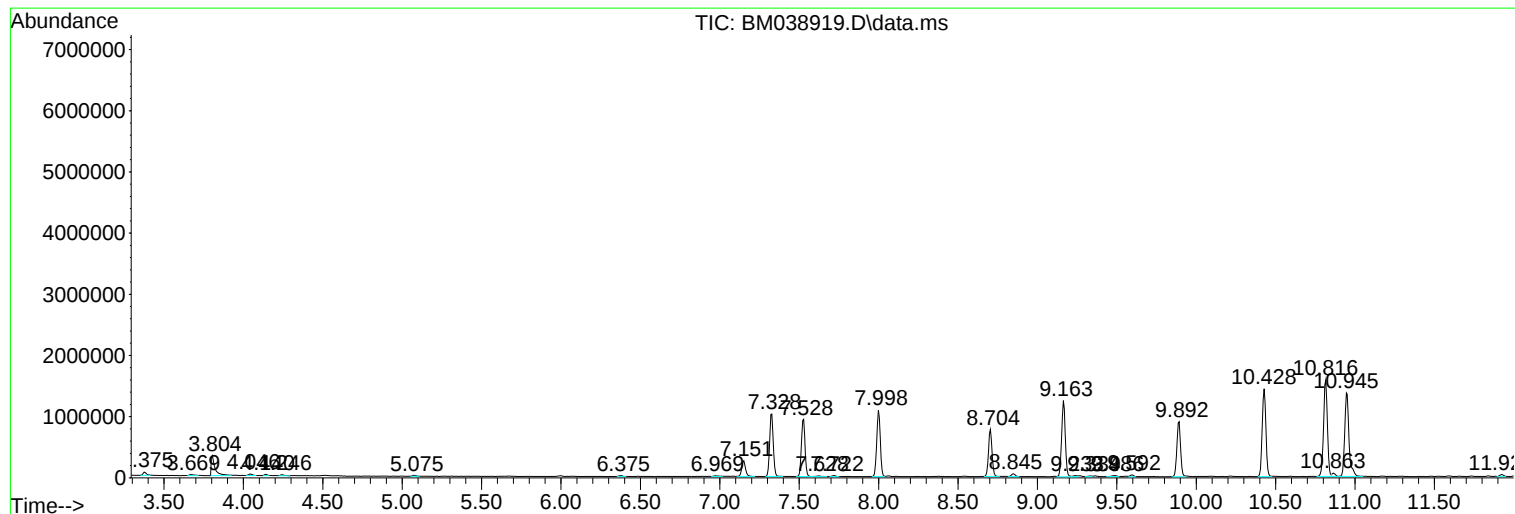
Sum of corrected areas: 93959059

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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



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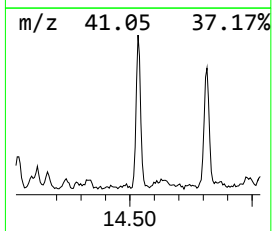
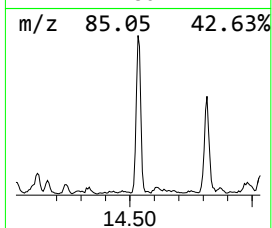
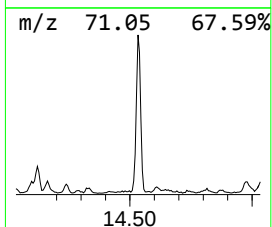
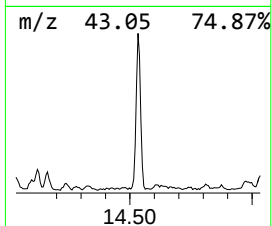
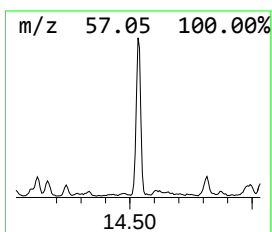
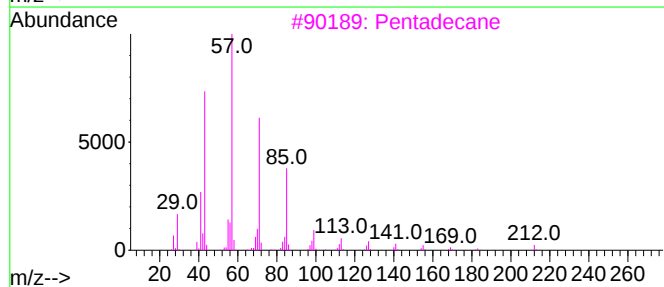
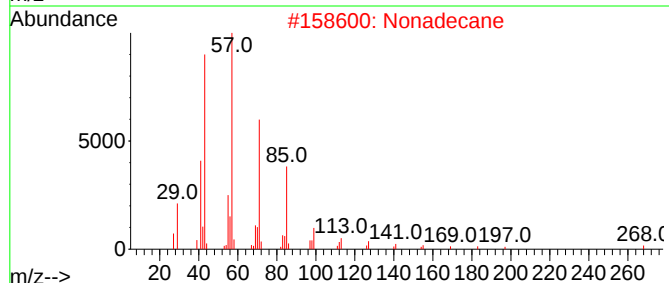
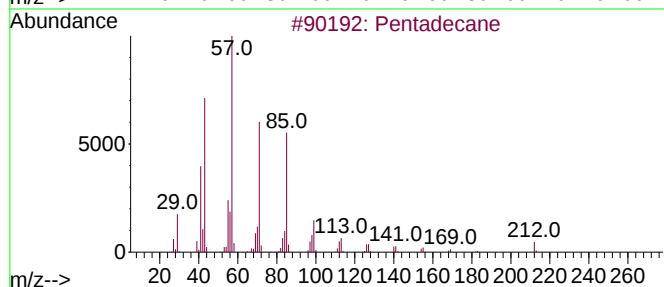
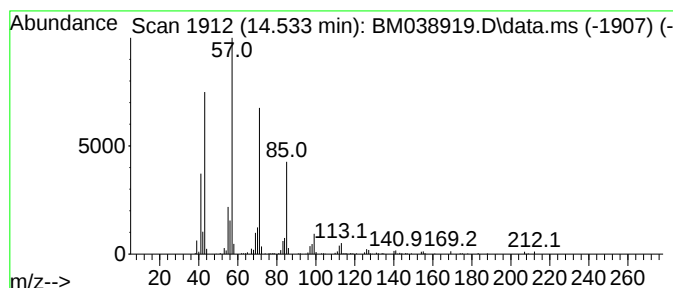
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	2.03 ng/ul	373750	Acenaphthene-d10	14.633

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	90



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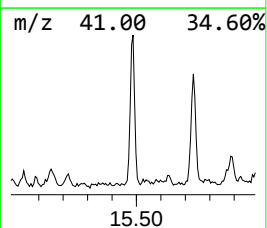
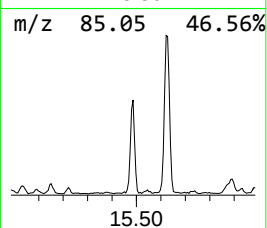
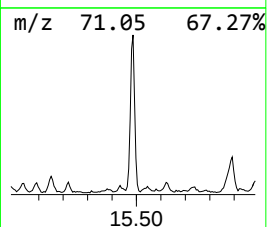
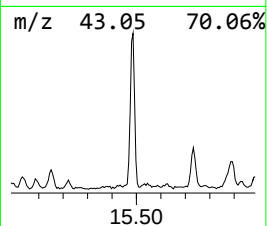
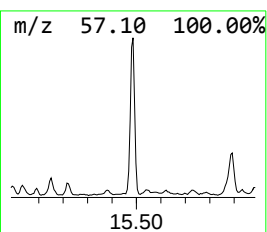
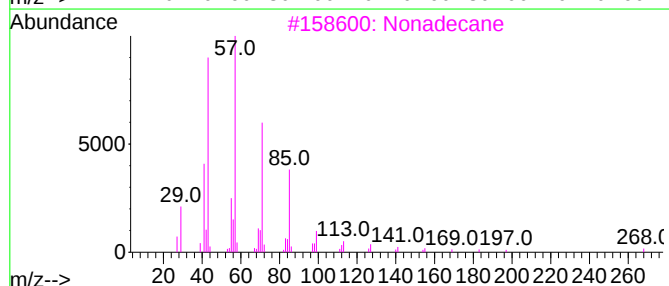
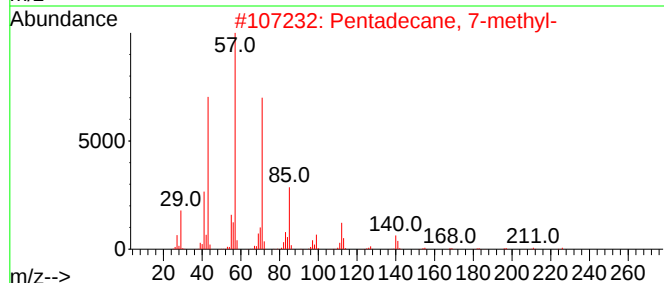
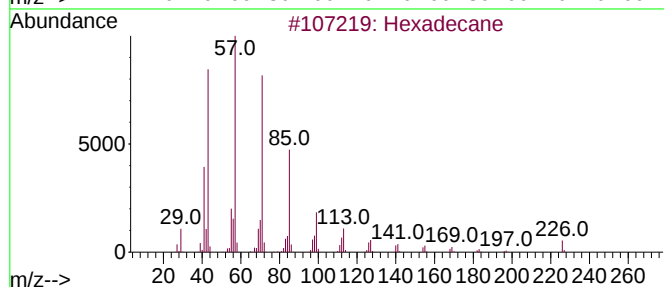
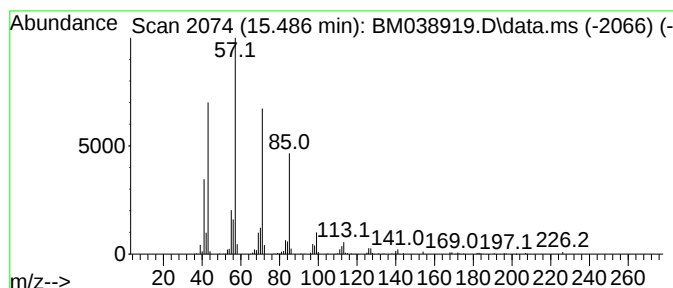
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	2.17 ng/ul	400577	Acenaphthene-d10	14.633

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



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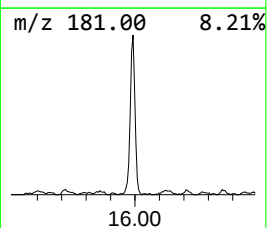
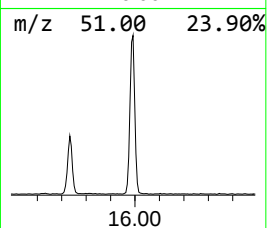
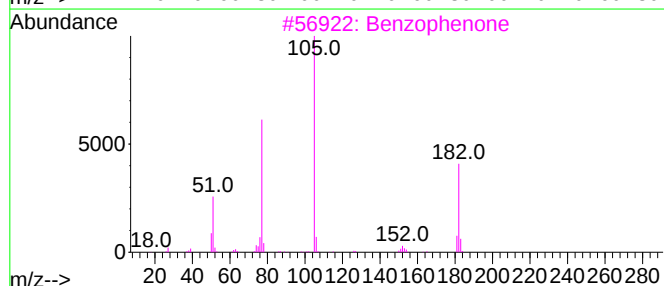
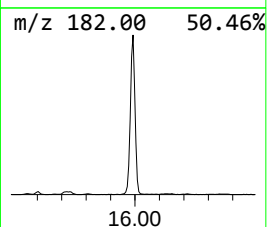
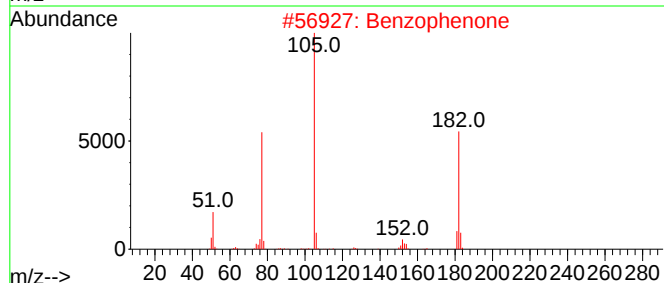
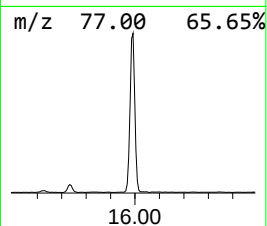
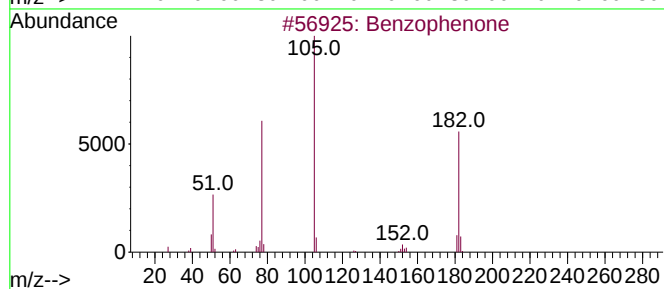
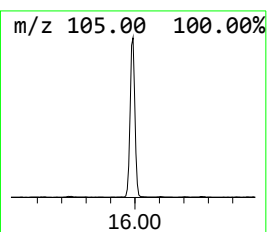
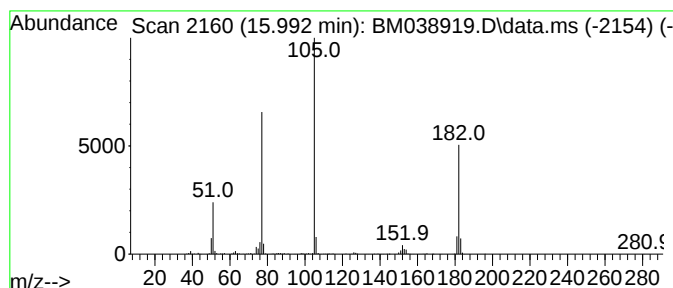
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	8.75 ng/ul	1612510	Acenaphthene-d10	14.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	93
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038919.D
Acq On : 08 Mar 2023 06:16
Operator : CG/JU
Sample : 01746-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

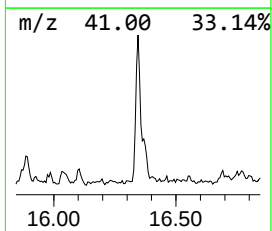
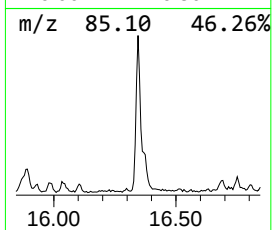
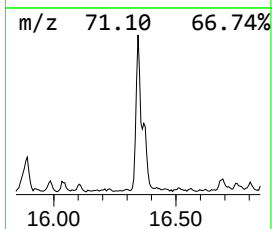
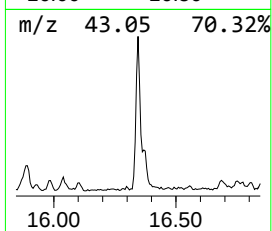
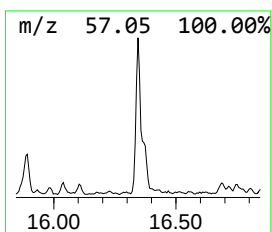
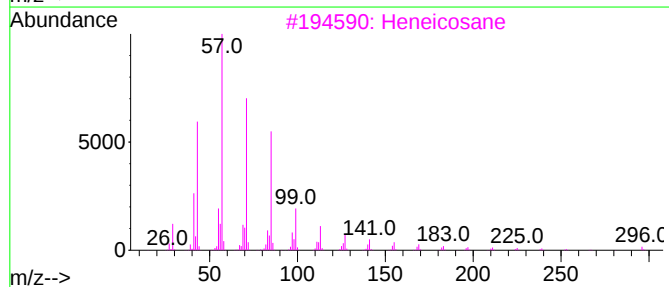
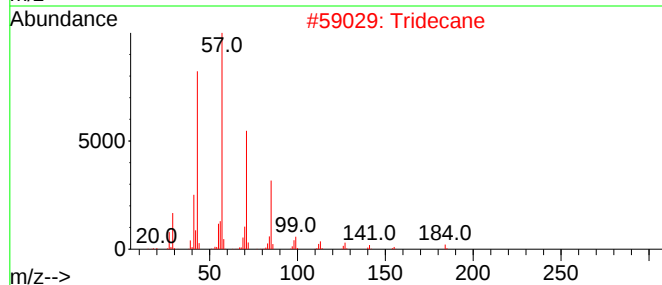
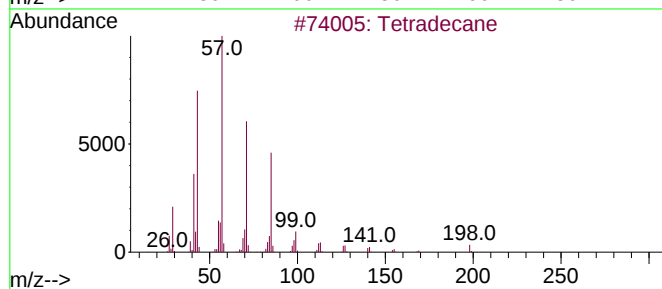
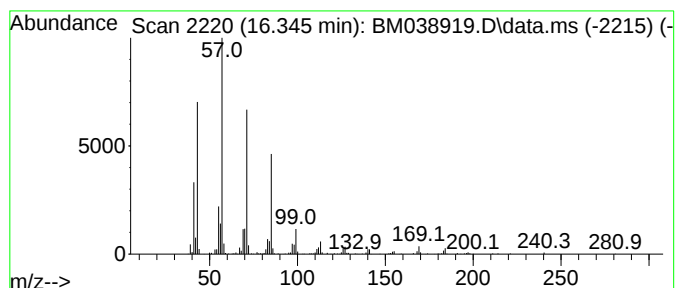
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.345	2.50 ng/ul	550551	Phenanthrene-d10	17.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038919.D
Acq On : 08 Mar 2023 06:16
Operator : CG/JU
Sample : 01746-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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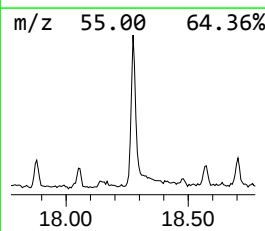
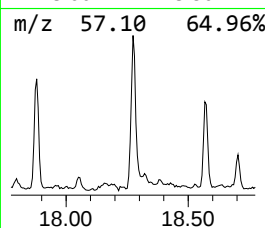
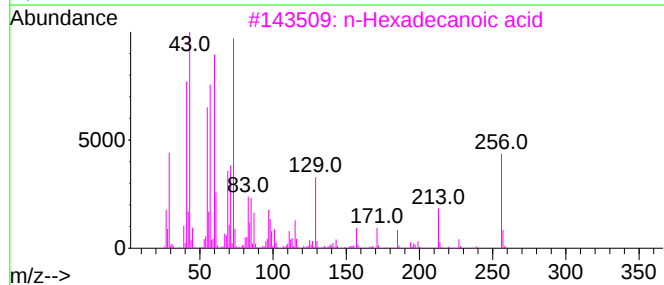
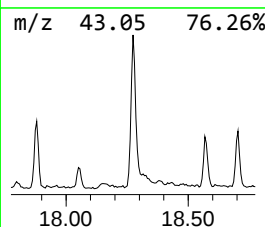
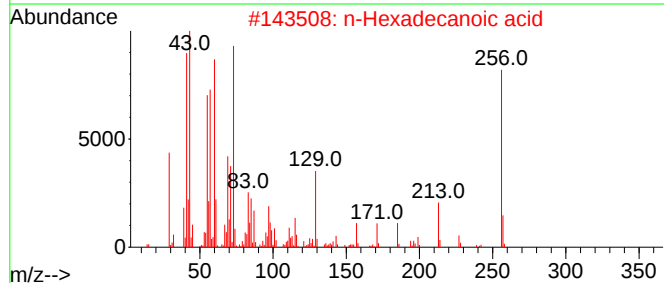
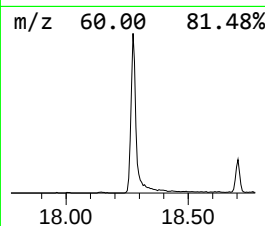
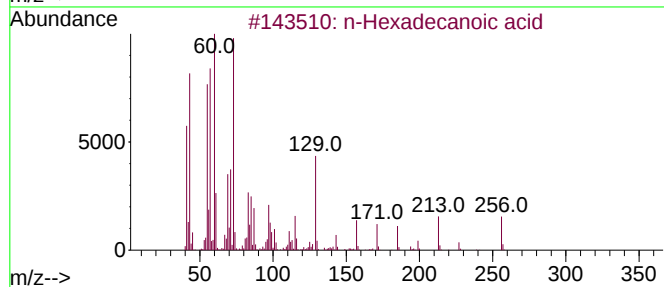
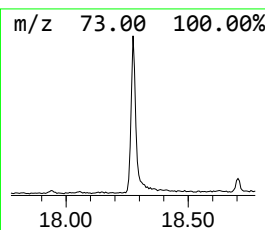
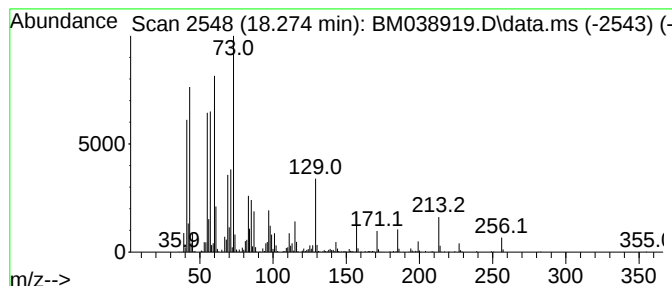
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	4.97 ng/ul	1093670	Phenanthrene-d10	17.380

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	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038919.D
Acq On : 08 Mar 2023 06:16
Operator : CG/JU
Sample : 01746-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

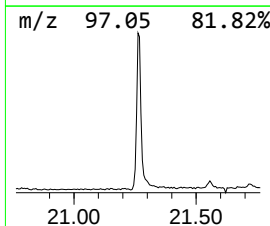
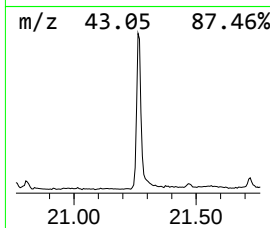
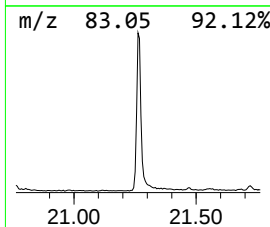
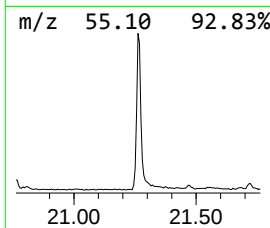
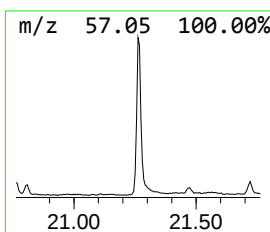
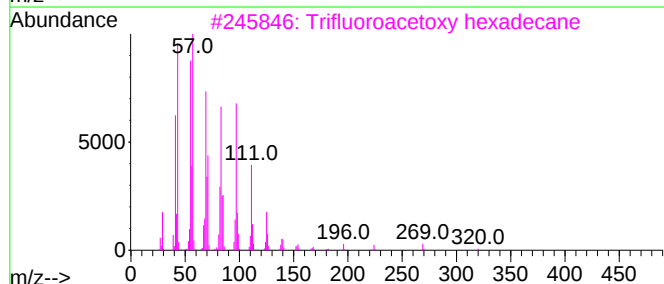
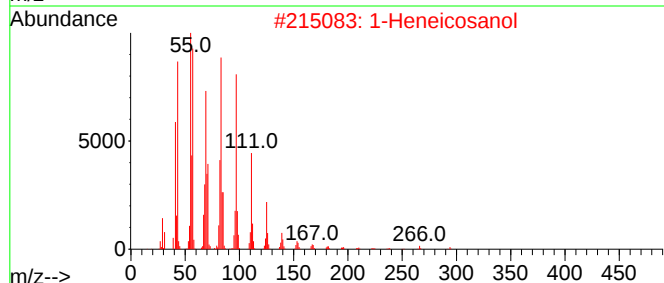
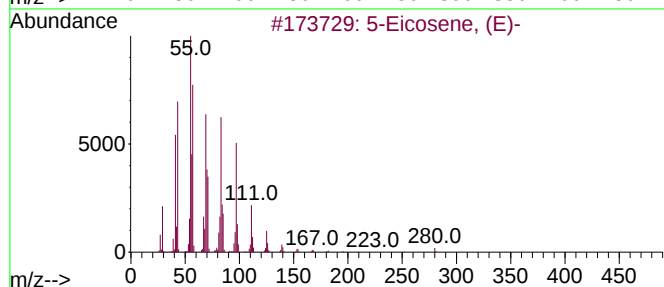
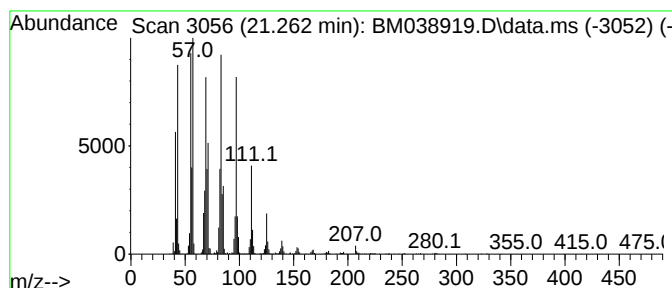
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.262	6.45 ng/ul	1691350	Chrysene-d12	21.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038919.D
Acq On : 08 Mar 2023 06:16
Operator : CG/JU
Sample : 01746-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE0

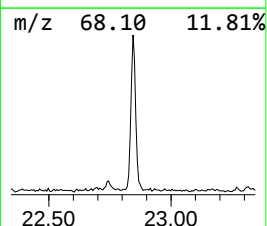
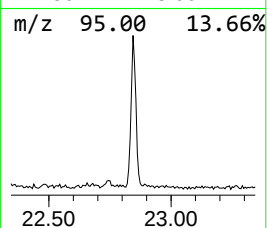
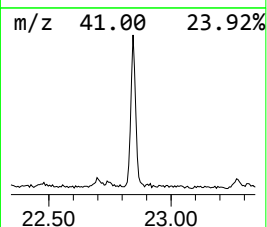
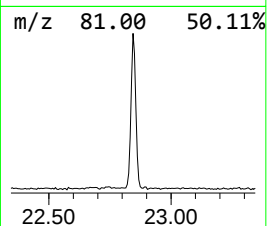
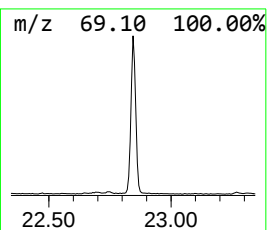
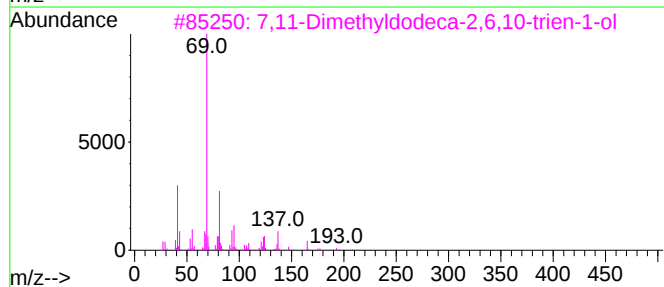
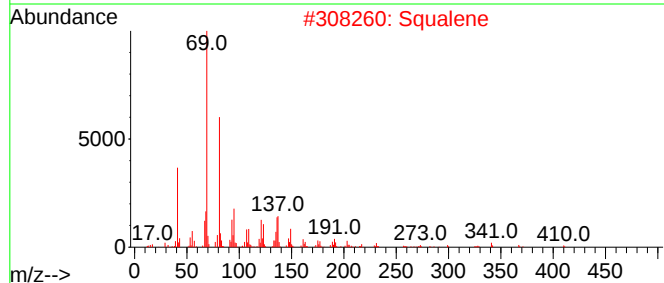
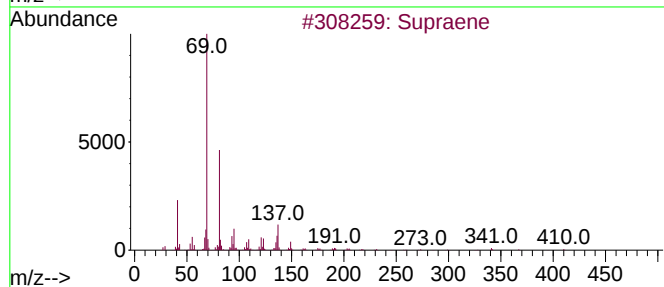
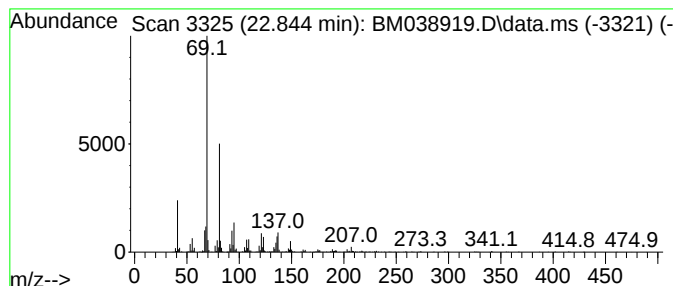
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.844	2.61 ng/ul	742688	Perylene-d12	24.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	90
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
4			Supraene	410	C30H50	007683-64-9	83
5			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038919.D
Acq On : 08 Mar 2023 06:16
Operator : CG/JU
Sample : 01746-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.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
(DEL) Alkane: S...	14.533	2.0	ng/u1	373750	3	14.633	3686090	20.0
(DEL) Alkane: S...	15.486	2.2	ng/u1	400577	3	14.633	3686090	20.0
Benzophenone	15.992	8.8	ng/u1	1612510	3	14.633	3686090	20.0
(DEL) Alkane: S...	16.345	2.5	ng/u1	550551	4	17.380	4402900	20.0
n-Hexadecanoic ...	18.274	5.0	ng/u1	1093670	4	17.380	4402900	20.0
(DEL) Alkane: S...	21.262	6.5	ng/u1	1691350	5	21.556	5241560	20.0
Supraene	22.844	2.6	ng/u1	742688	6	24.009	5694270	20.0