

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030789.D
 Acq On : 03 Jul 2021 00:10
 Operator : CG/JU
 Sample : M2869-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDY5

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-BM062221.M
 Title : SVOA CALIBRATION

Signal : TIC: BM030789.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	36	rBV	16282	22805	1.67%	0.123%
2	3.569	79	82	84	rBV	4546	5770	0.42%	0.031%
3	3.681	98	101	124	rBV	114046	270086	19.80%	1.456%
4	3.987	150	153	156	rVV	7302	7867	0.58%	0.042%
5	4.122	174	176	179	rVB3	2230	1842	0.14%	0.010%
6	4.152	179	181	183	rBV3	1957	1605	0.12%	0.009%
7	4.257	197	199	202	rVB3	1538	1377	0.10%	0.007%
8	4.305	205	207	210	rBV2	1554	1514	0.11%	0.008%
9	4.387	220	221	224	rVB3	2176	1433	0.11%	0.008%
10	5.528	413	415	420	rVB5	1063	1421	0.10%	0.008%
11	6.446	567	571	572	rBV3	1232	1426	0.10%	0.008%
12	6.457	572	573	577	rVV4	2183	2112	0.15%	0.011%
13	6.663	606	608	613	rVB5	1310	1608	0.12%	0.009%
14	6.793	626	630	633	rBV3	2940	4530	0.33%	0.024%
15	6.881	640	645	647	rVB4	991	1416	0.10%	0.008%
16	6.934	647	654	665	rBV	288276	484167	35.50%	2.610%
17	7.104	676	683	696	rBV	217880	361779	26.52%	1.950%
18	7.304	709	717	730	rBV	297457	493254	36.16%	2.659%
19	7.428	734	738	739	rBV2	3945	4362	0.32%	0.024%
20	7.645	772	775	779	rVB6	965	1556	0.11%	0.008%
21	7.769	789	796	804	rBV	319522	507454	37.20%	2.735%
22	7.834	804	807	814	rVB5	4051	6745	0.49%	0.036%
23	8.328	888	891	896	rVB4	960	1450	0.11%	0.008%
24	8.469	908	915	928	rBV	349908	574401	42.11%	3.096%
25	8.922	984	992	1002	rBV	265633	453780	33.27%	2.446%
26	9.087	1016	1020	1024	rBV5	3602	4712	0.35%	0.025%
27	9.339	1059	1063	1067	rVB4	2448	4109	0.30%	0.022%
28	9.639	1107	1114	1127	rBV	209438	363299	26.63%	1.958%
29	10.175	1199	1205	1221	rBV	323247	589389	43.21%	3.177%
30	10.381	1233	1240	1245	rBV3	7842	17279	1.27%	0.093%
31	10.551	1262	1269	1278	rVB	432502	728050	53.38%	3.925%
32	10.692	1285	1293	1312	rBV	262482	516954	37.90%	2.787%
33	11.045	1349	1353	1355	rVB5	1154	1453	0.11%	0.008%
34	11.604	1444	1448	1450	rVB5	1149	1593	0.12%	0.009%
35	11.816	1481	1484	1490	rVB6	1705	2864	0.21%	0.015%
36	12.151	1534	1541	1546	rVB3	4663	8458	0.62%	0.046%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
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37	12.769	1640	1646	1656	rVB6	3168	9270	0.68%	0.050%
38	13.010	1682	1687	1692	rVB6	3032	4669	0.34%	0.025%
39	13.227	1719	1724	1731	rBV6	2411	5102	0.37%	0.028%
40	13.292	1731	1735	1739	rBV	7075	10815	0.79%	0.058%
41	13.339	1739	1743	1750	rVB3	7147	13866	1.02%	0.075%
42	13.810	1816	1823	1827	rBV	570428	796833	58.42%	4.295%
43	13.857	1827	1831	1841	rVB	206966	300177	22.01%	1.618%
44	14.092	1861	1871	1880	rBV	669743	1027350	75.32%	5.538%
45	14.398	1916	1923	1937	rBV	662982	971557	71.23%	5.237%
46	14.610	1950	1959	1976	rBV	92786	238169	17.46%	1.284%
47	15.198	2055	2059	2064	rBV4	2843	4518	0.33%	0.024%
48	15.251	2064	2068	2071	rVB4	1593	2351	0.17%	0.013%
49	15.392	2084	2092	2101	rBV	880400	1266833	92.88%	6.829%
50	15.516	2107	2113	2128	rBV	137653	225882	16.56%	1.218%
51	15.633	2128	2133	2143	rVB2	8812	14973	1.10%	0.081%
52	15.863	2167	2172	2177	rVB6	2132	3423	0.25%	0.018%
53	16.110	2210	2214	2217	rBV3	1699	2635	0.19%	0.014%
54	16.174	2222	2225	2228	rVB5	4413	4718	0.35%	0.025%
55	16.280	2238	2243	2244	rBV4	2272	2707	0.20%	0.015%
56	16.374	2255	2259	2265	rVB	4831	5556	0.41%	0.030%
57	16.557	2287	2290	2294	rVB6	1748	2520	0.18%	0.014%
58	16.668	2306	2309	2313	rBV4	1336	2009	0.15%	0.011%
59	16.851	2338	2340	2342	rBV3	1239	1579	0.12%	0.009%
60	16.880	2342	2345	2346	rVV3	2656	3049	0.22%	0.016%
61	16.910	2346	2350	2351	rVV4	3190	4399	0.32%	0.024%
62	16.933	2351	2354	2357	rVB4	1938	2743	0.20%	0.015%
63	17.015	2366	2368	2371	rVB4	2164	1687	0.12%	0.009%
64	17.139	2382	2389	2399	rBV	717554	1072291	78.61%	5.780%
65	17.233	2399	2405	2419	rVV	841935	1255681	92.06%	6.769%
66	17.380	2427	2430	2432	rBV4	1534	1494	0.11%	0.008%
67	17.633	2469	2473	2476	rBV5	1465	2617	0.19%	0.014%
68	17.680	2479	2481	2488	rVB8	2463	3834	0.28%	0.021%
69	17.804	2496	2502	2509	rVB3	7661	12794	0.94%	0.069%
70	17.857	2509	2511	2513	rBV2	1943	1551	0.11%	0.008%
71	17.904	2515	2519	2520	rBV4	2874	3135	0.23%	0.017%
72	18.027	2535	2540	2551	rBV	68254	109512	8.03%	0.590%
73	18.104	2551	2553	2554	rVV2	3717	3053	0.22%	0.016%
74	18.262	2577	2580	2581	rBV3	1622	1424	0.10%	0.008%
75	18.321	2588	2590	2593	rBV3	1853	2223	0.16%	0.012%
76	18.445	2606	2611	2614	rBV7	1777	3366	0.25%	0.018%

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 Stop Thrs : 0 Peak Location: TOP

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77	18.627	2638	2642	2646	rBV6	3053	5069	0.37%	0.027%
78	18.792	2666	2670	2674	rVB	12903	16172	1.19%	0.087%
79	18.827	2674	2676	2680	rBV4	3328	4111	0.30%	0.022%
80	18.892	2684	2687	2691	rVB6	2405	3363	0.25%	0.018%
81	18.962	2694	2699	2701	rVV6	6001	8787	0.64%	0.047%
82	18.998	2701	2705	2708	rVB6	6516	8863	0.65%	0.048%
83	19.092	2719	2721	2722	rBV2	2031	1564	0.11%	0.008%
84	19.162	2729	2733	2736	rBV3	8926	11098	0.81%	0.060%
85	19.192	2736	2738	2741	rVV4	7519	11060	0.81%	0.060%
86	19.239	2742	2746	2751	rVB4	23715	31124	2.28%	0.168%
87	19.309	2754	2758	2765	rVV7	12397	21002	1.54%	0.113%
88	19.409	2773	2775	2779	rBV2	6222	8063	0.59%	0.043%
89	19.527	2789	2795	2802	rBV	979806	1364000	100.00%	7.353%
90	20.068	2884	2887	2892	rVB4	9239	10757	0.79%	0.058%
91	20.521	2960	2964	2967	rBV	22159	27732	2.03%	0.149%
92	20.909	3028	3030	3034	rVB4	16947	19366	1.42%	0.104%
93	21.015	3044	3048	3052	rBV	151823	213472	15.65%	1.151%
94	21.056	3052	3055	3058	rVB2	113744	137037	10.05%	0.739%
95	21.303	3092	3097	3107	rBV	764909	1013760	74.32%	5.465%
96	21.886	3194	3196	3205	rVB3	43350	86594	6.35%	0.467%
97	22.856	3358	3361	3365	rBV2	71663	91155	6.68%	0.491%
98	23.409	3449	3455	3465	rVB	670801	1362206	99.87%	7.343%
99	23.550	3473	3479	3492	rVB2	539356	1095567	80.32%	5.906%
100	24.074	3565	3568	3574	rVB	83979	142763	10.47%	0.770%

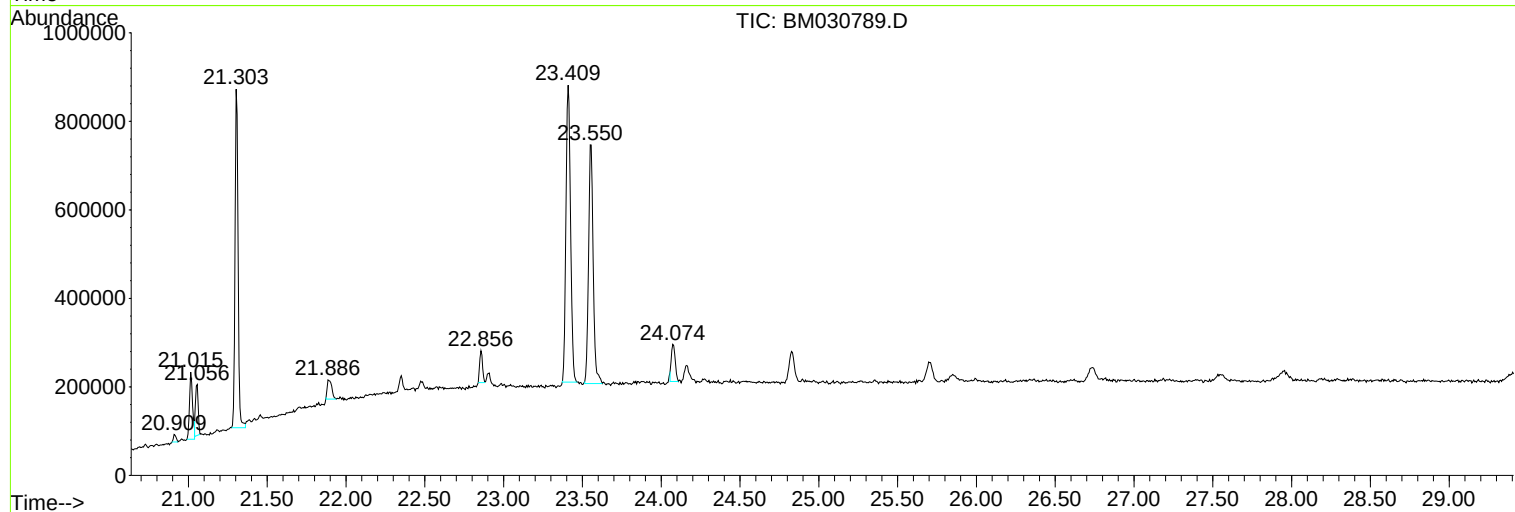
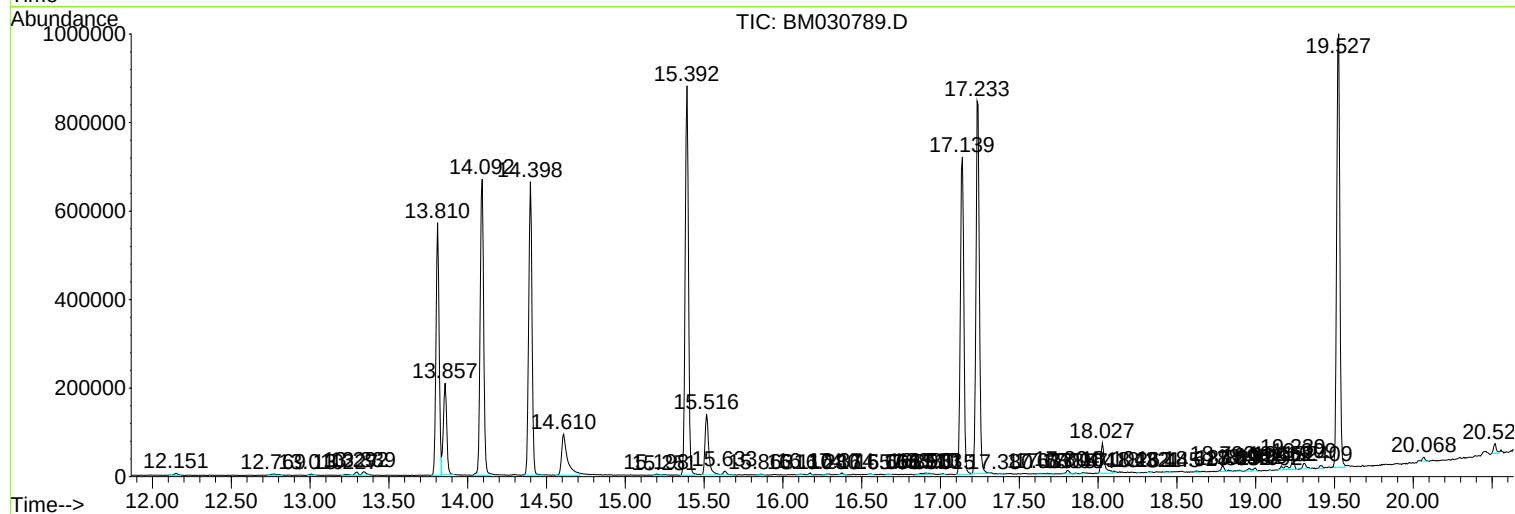
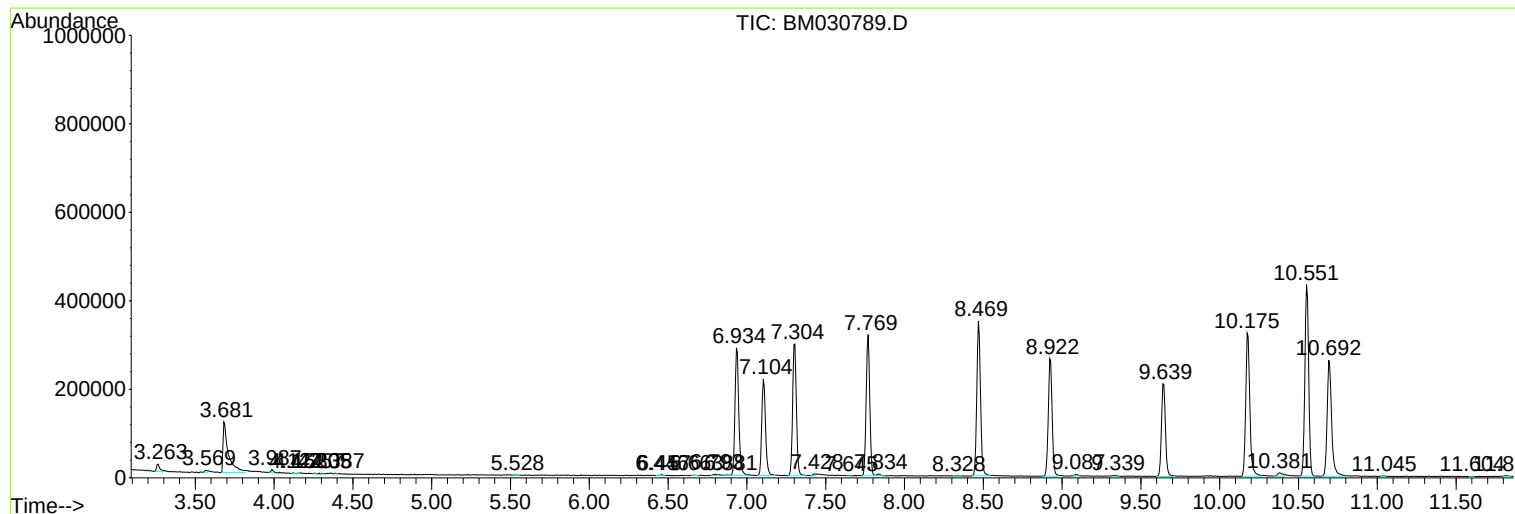
Sum of corrected areas: 18550970

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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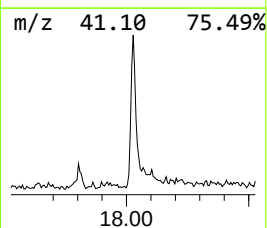
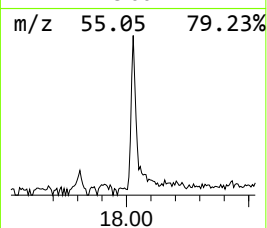
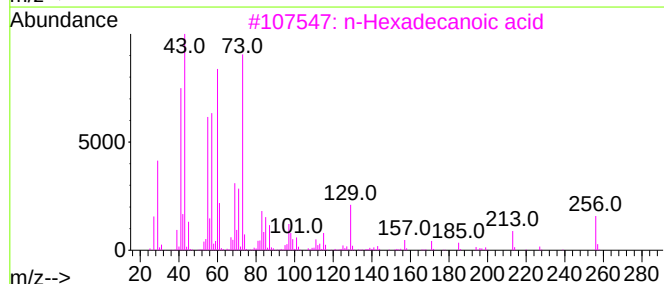
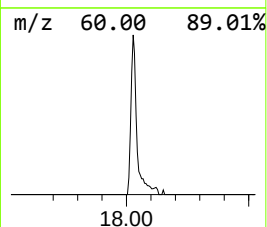
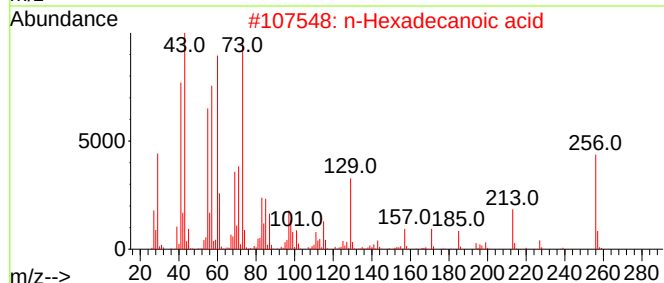
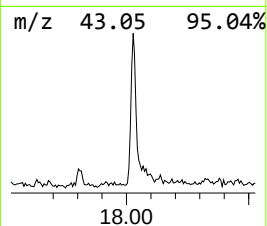
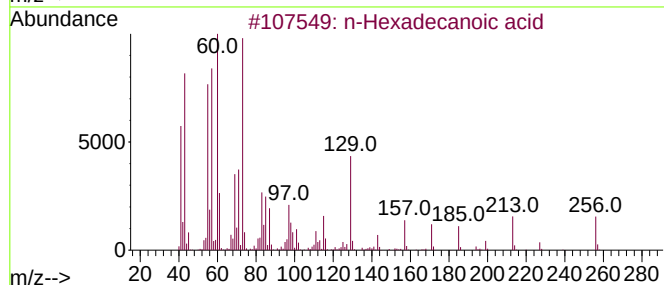
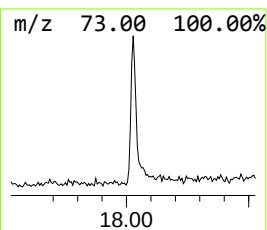
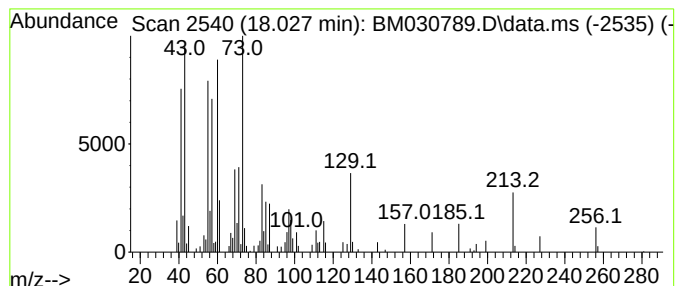
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	2.04 ng/ul	109512	Phenanthrene-d10	17.139

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	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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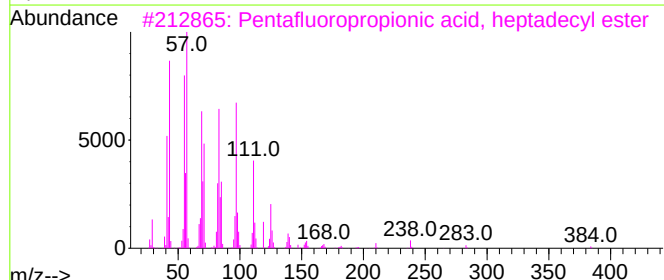
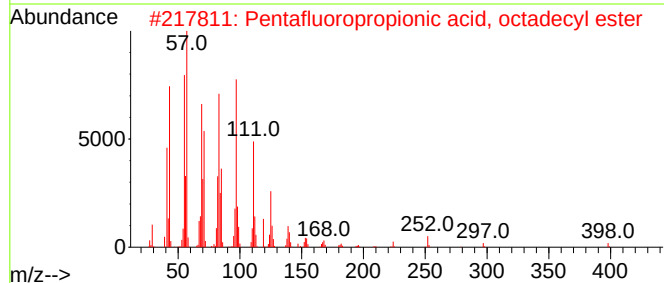
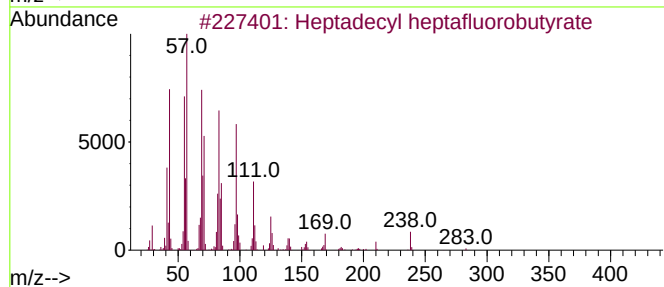
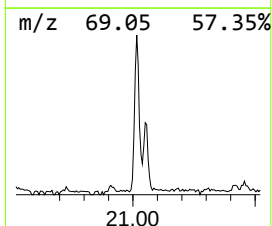
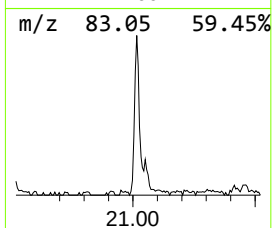
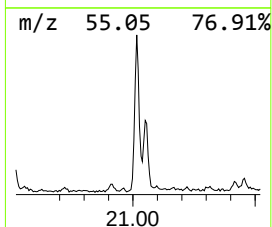
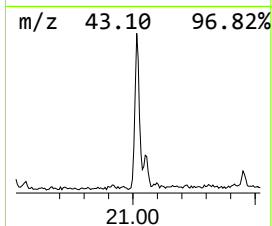
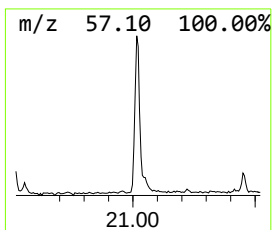
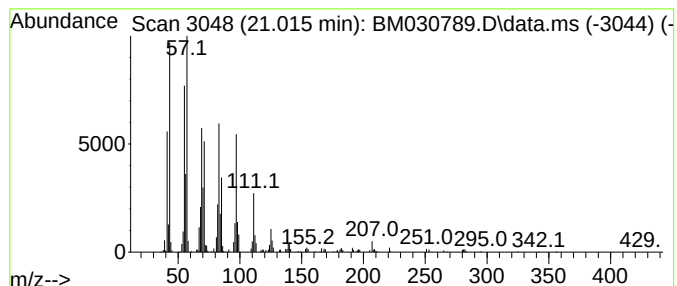
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.020	4.21 ng/ul	213472	Chrysene-d12	21.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
3			Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	959218-78-1	91
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	91



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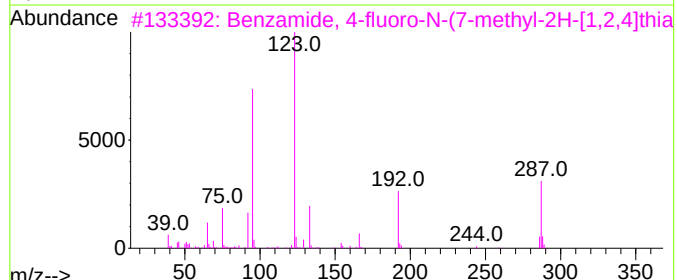
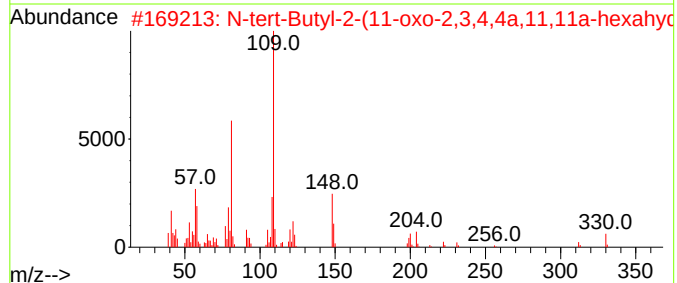
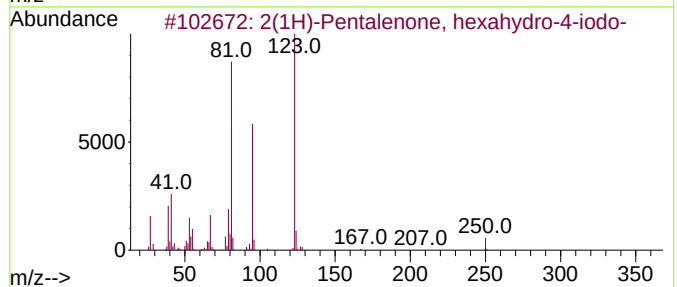
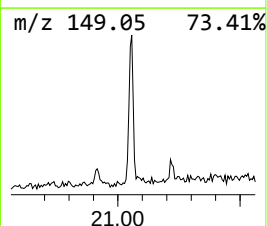
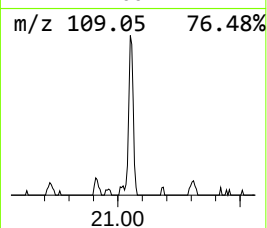
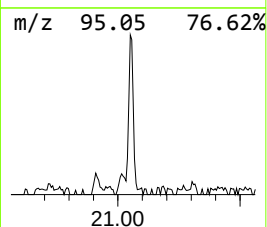
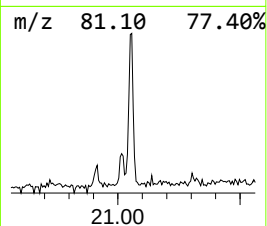
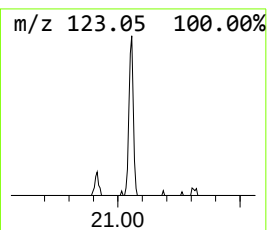
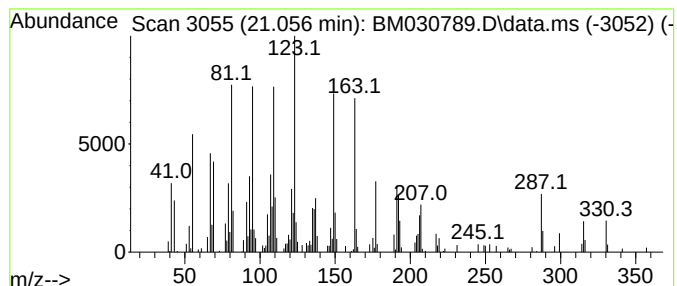
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.060	2.70 ng/ul	137037	Chrysene-d12	21.303

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	35		
2	N-tert-Butyl-2-(11-oxo-2,3,4,4a,...	330	C19H26N2O3	1000322-10-3	30		
3	Benzamide, 4-fluoro-N-(7-methyl-...	287	C14H10FN3O5	1000350-88-7	30		
4	4-[(Bicyclo[4.1.0]heptane-7-carb...	287	C17H21NO3	1000297-42-7	25		
5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	25		



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Acq On : 03 Jul 2021 00:10
Operator : CG/JU
Sample : M2869-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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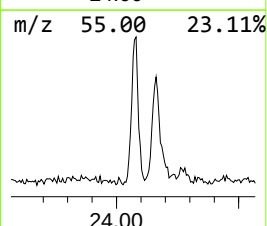
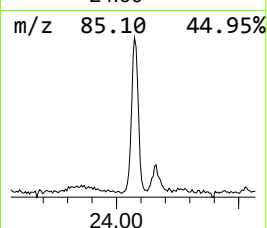
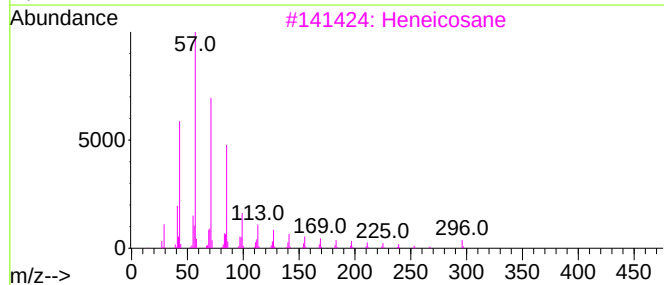
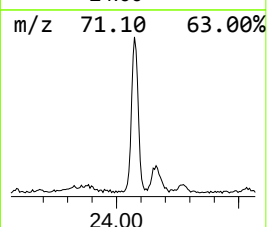
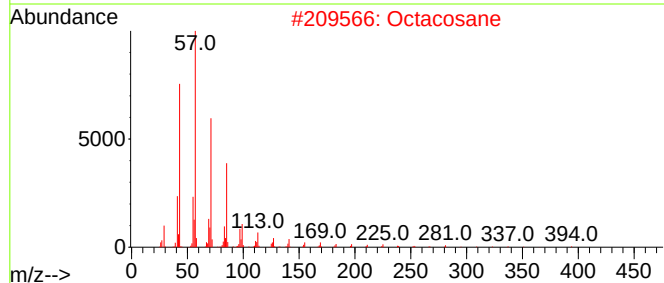
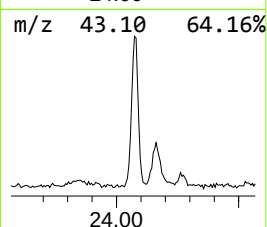
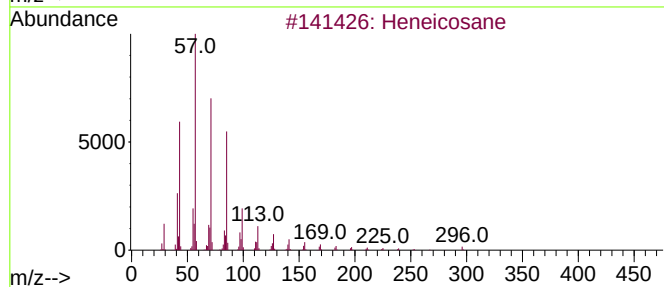
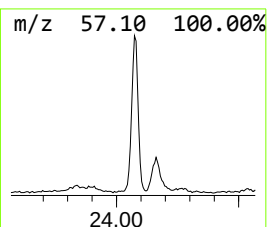
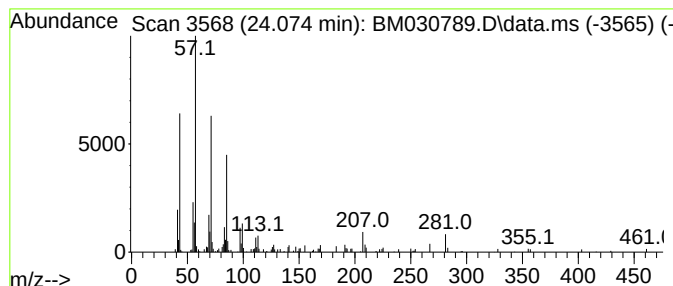
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.070	2.61 ng/ul	142763	Perylene-d12	23.550

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	94
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane	296	C21H44	000629-94-7	81
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030789.D
Acq On : 03 Jul 2021 00:10
Operator : CG/JU
Sample : M2869-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDY5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.030	2.0	ng/ul	109512	4	17.139	1072290	20.0
Heptadecyl hept...	21.020	4.2	ng/ul	213472	5	21.303	1013760	20.0
unknown-01	21.060	2.7	ng/ul	137037	5	21.303	1013760	20.0
(DEL) Alkane: S...	24.070	2.6	ng/ul	142763	6	23.550	1095570	20.0