

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045334.D
 Acq On : 18 Apr 2024 02:11
 Operator : MA/JU
 Sample : P2145-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E07X3

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-BM040524.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM045334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	12	15	20	rVB2	8825	12182	1.36%	0.127%
2	3.452	60	62	66	rBV2	8583	12139	1.35%	0.126%
3	3.575	79	83	96	rBV	92506	167258	18.66%	1.740%
4	3.857	129	131	134	rBV4	2789	2571	0.29%	0.027%
5	4.351	211	215	220	rBV2	14987	22134	2.47%	0.230%
6	4.610	258	259	261	rBV2	2343	1658	0.19%	0.017%
7	5.275	370	372	374	rBV3	1692	1393	0.16%	0.014%
8	5.557	418	420	424	rBV4	1808	2063	0.23%	0.021%
9	5.798	459	461	463	rBV3	1825	1923	0.21%	0.020%
10	6.569	590	592	595	rBV2	1296	1544	0.17%	0.016%
11	6.757	619	624	639	rVB	131414	242753	27.09%	2.526%
12	6.928	647	653	663	rBV	113877	187606	20.94%	1.952%
13	7.104	677	683	692	rBV	148940	248600	27.74%	2.587%
14	7.569	754	762	773	rBV	169412	273714	30.54%	2.848%
15	7.710	783	786	789	rBV4	1061	1534	0.17%	0.016%
16	7.775	793	797	799	rBV4	1562	2359	0.26%	0.025%
17	7.910	816	820	822	rBV3	1300	2055	0.23%	0.021%
18	8.281	877	883	895	rBV	162581	295397	32.96%	3.074%
19	8.622	940	941	945	rVB2	1309	1331	0.15%	0.014%
20	8.675	948	950	953	rBV2	1458	1808	0.20%	0.019%
21	8.734	953	960	974	rVV	133870	232367	25.93%	2.418%
22	8.892	984	987	989	rBV3	1447	1280	0.14%	0.013%
23	9.092	1016	1021	1027	rVB3	4372	8121	0.91%	0.085%
24	9.204	1036	1040	1043	rBV4	1086	1414	0.16%	0.015%
25	9.328	1056	1061	1067	rBV6	5604	11034	1.23%	0.115%
26	9.445	1074	1081	1092	rBV2	110138	191076	21.32%	1.988%
27	9.581	1101	1104	1105	rBV3	1173	1352	0.15%	0.014%
28	9.739	1125	1131	1133	rBV5	986	2006	0.22%	0.021%
29	9.975	1165	1171	1186	rBV	147461	296500	33.09%	3.085%
30	10.163	1198	1203	1216	rBV5	11654	34460	3.85%	0.359%
31	10.339	1226	1233	1243	rVB	207711	352828	39.37%	3.671%
32	10.504	1252	1261	1275	rBV	129011	281676	31.43%	2.931%
33	10.898	1326	1328	1334	rVB3	1012	1259	0.14%	0.013%
34	10.957	1336	1338	1343	rVB4	1396	1778	0.20%	0.019%
35	11.045	1349	1353	1355	rBV4	1012	1255	0.14%	0.013%
36	11.122	1359	1366	1372	rBV4	6676	15549	1.74%	0.162%

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Integrator: RTE

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37	11.951	1501	1507	1511	rBV6	2178	3715	0.41%	0.039%
38	12.204	1544	1550	1551	rBV4	847	1357	0.15%	0.014%
39	12.386	1578	1581	1582	rBV2	1288	1339	0.15%	0.014%
40	12.439	1588	1590	1595	rVB3	1087	1554	0.17%	0.016%
41	12.692	1629	1633	1635	rBV3	1094	1548	0.17%	0.016%
42	13.039	1688	1692	1696	rVB5	2678	4030	0.45%	0.042%
43	13.116	1700	1705	1712	rVB3	2718	5400	0.60%	0.056%
44	13.321	1738	1740	1743	rBV3	1711	1423	0.16%	0.015%
45	13.445	1758	1761	1764	rVB3	1109	1272	0.14%	0.013%
46	13.651	1790	1796	1807	rBV	267495	398922	44.52%	4.151%
47	13.910	1834	1840	1852	rVB	329106	517490	57.75%	5.385%
48	14.127	1873	1877	1881	rVB4	1532	2017	0.23%	0.021%
49	14.221	1887	1893	1901	rBV	288287	431417	48.14%	4.489%
50	14.321	1906	1910	1914	rBV5	1122	1411	0.16%	0.015%
51	14.480	1926	1937	1949	rBV5	38321	140636	15.69%	1.463%
52	14.668	1966	1969	1971	rBV3	2085	1737	0.19%	0.018%
53	14.721	1976	1978	1981	rVB3	1755	1594	0.18%	0.017%
54	15.227	2054	2064	2071	rBV	410338	619745	69.16%	6.449%
55	15.374	2083	2089	2097	rBV	82211	127400	14.22%	1.326%
56	15.498	2109	2110	2115	rVB3	1547	1779	0.20%	0.019%
57	15.762	2151	2155	2156	rBV4	1032	1330	0.15%	0.014%
58	15.957	2184	2188	2190	rBV4	2313	2706	0.30%	0.028%
59	16.021	2196	2199	2200	rVB2	1727	1292	0.14%	0.013%
60	16.327	2249	2251	2256	rVB3	1367	1462	0.16%	0.015%
61	16.415	2263	2266	2268	rBV2	1910	2201	0.25%	0.023%
62	16.751	2317	2323	2324	rBV3	1922	2293	0.26%	0.024%
63	16.768	2324	2326	2331	rVB4	1898	2926	0.33%	0.030%
64	16.921	2348	2352	2354	rBV4	1184	2000	0.22%	0.021%
65	16.986	2357	2363	2371	rVB	349763	483291	53.93%	5.029%
66	17.086	2373	2380	2393	rVV2	429715	648495	72.37%	6.748%
67	17.374	2427	2429	2432	rBV4	1578	1651	0.18%	0.017%
68	17.568	2459	2462	2465	rBV4	1410	1310	0.15%	0.014%
69	17.768	2494	2496	2498	rBV2	1555	1315	0.15%	0.014%
70	17.862	2509	2512	2513	rBV	1654	1555	0.17%	0.016%
71	17.898	2513	2518	2527	rVV2	61503	92337	10.30%	0.961%
72	17.962	2527	2529	2533	rVB5	2422	3147	0.35%	0.033%
73	18.109	2553	2554	2556	rBV2	1543	1275	0.14%	0.013%
74	18.439	2608	2610	2613	rBV2	1777	1571	0.18%	0.016%
75	18.580	2631	2634	2637	rBV3	2448	3880	0.43%	0.040%
76	18.956	2696	2698	2702	rVB3	5073	5613	0.63%	0.058%

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Start Thrs: 0.2 Max Peaks: 100
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77	19.045	2709	2713	2714	rBV4	12442	13986	1.56%	0.146%
78	19.068	2714	2717	2731	rVB3	42098	78768	8.79%	0.820%
79	19.192	2734	2738	2745	rVB	42937	54224	6.05%	0.564%
80	19.315	2757	2759	2760	rBV2	3391	1900	0.21%	0.020%
81	19.392	2766	2772	2781	rBV	552442	763677	85.22%	7.946%
82	20.286	2922	2924	2929	rVB3	23879	28758	3.21%	0.299%
83	20.927	3030	3033	3041	rVB4	42252	62328	6.96%	0.649%
84	21.197	3074	3079	3086	rBV	421075	578207	64.52%	6.017%
85	23.250	3423	3428	3434	rBV2	504509	896107	100.00%	9.324%
86	23.391	3447	3452	3461	rVB	366376	688968	76.88%	7.169%

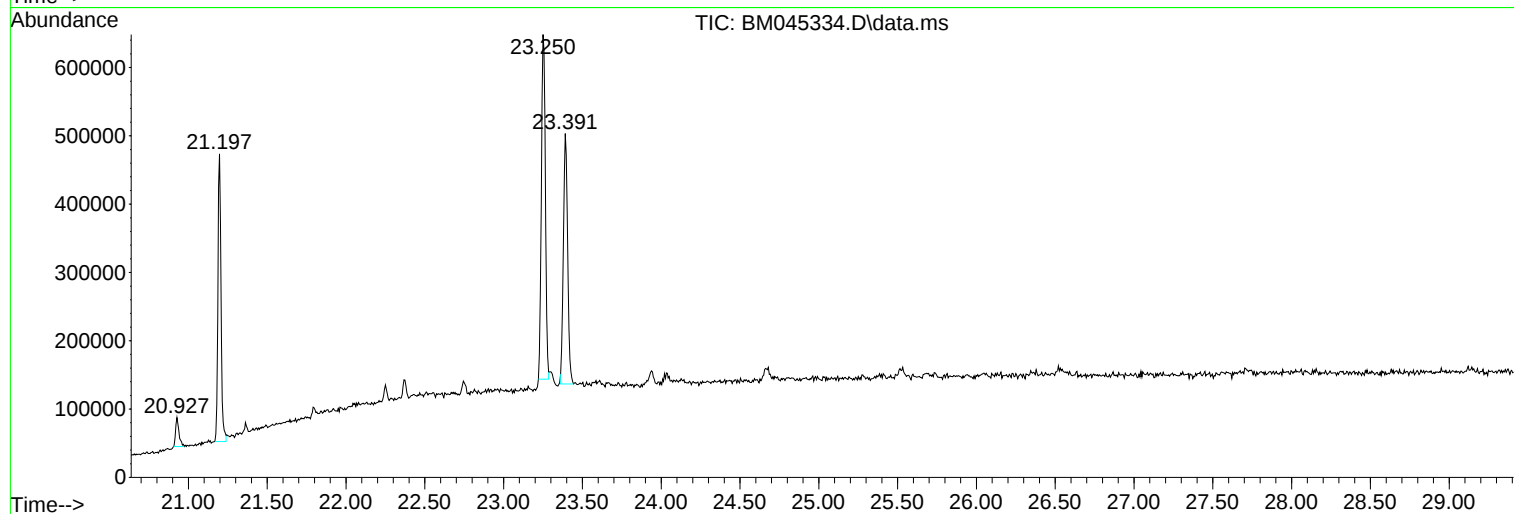
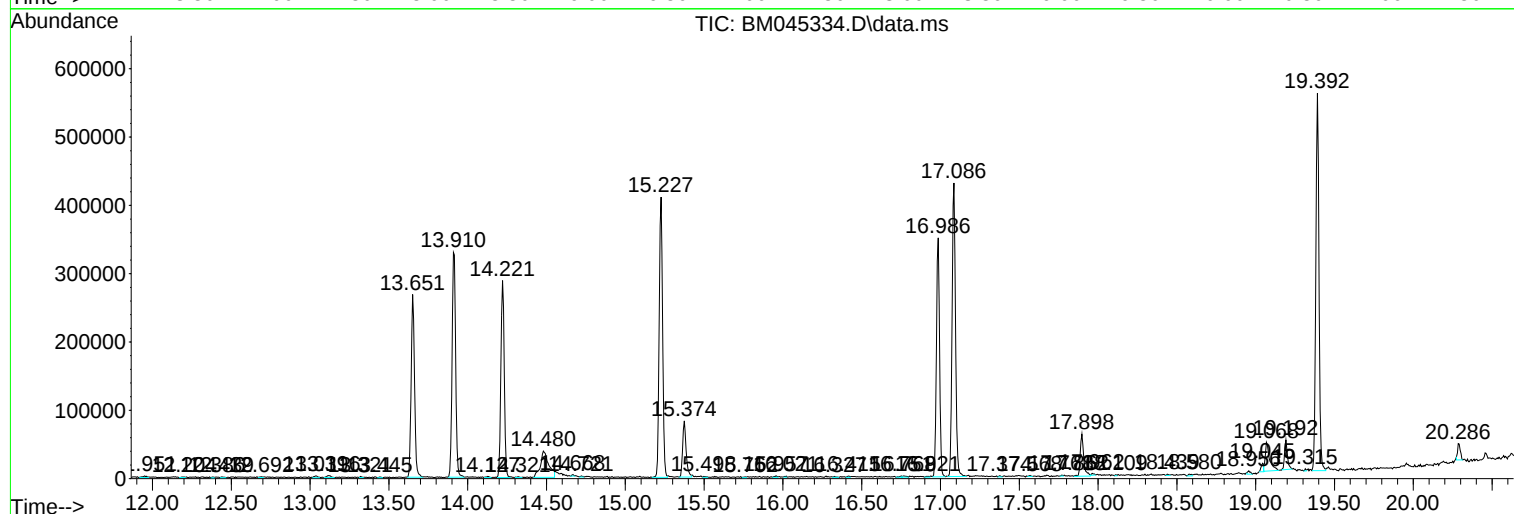
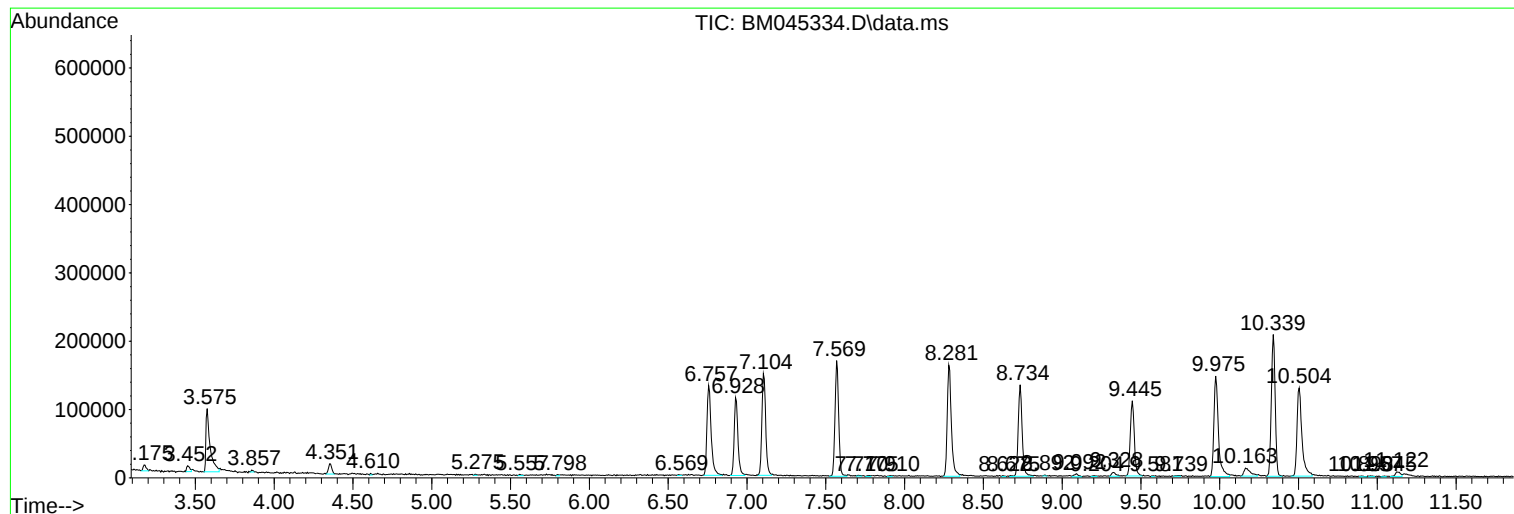
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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



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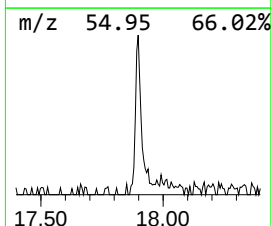
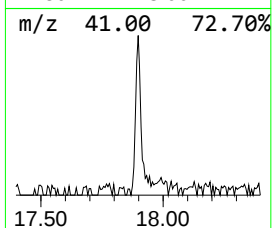
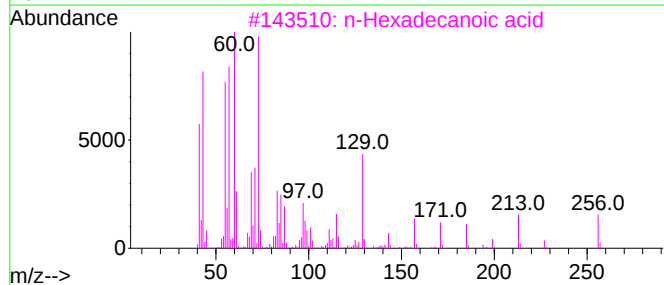
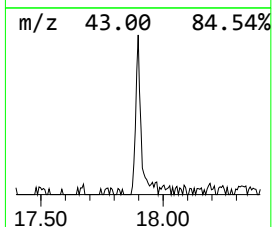
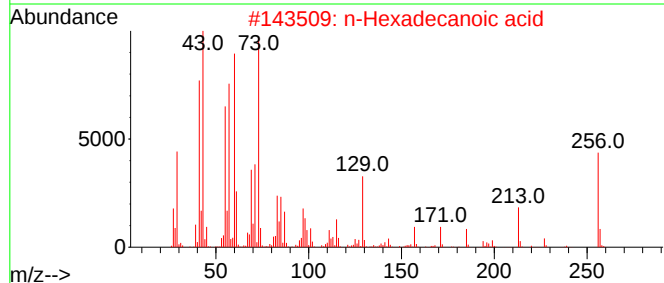
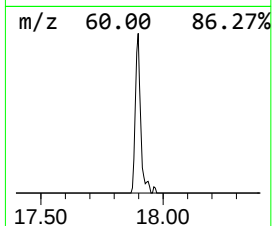
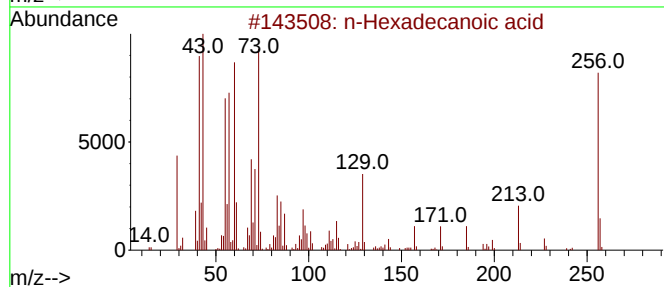
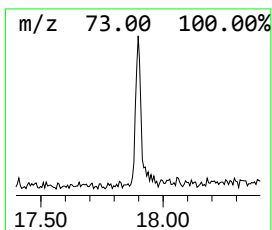
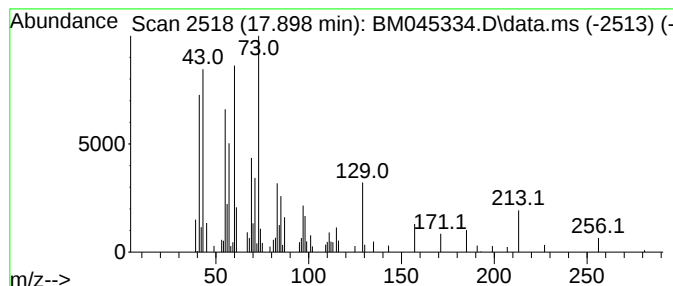
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	3.82 ng/ul	92337	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
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	68
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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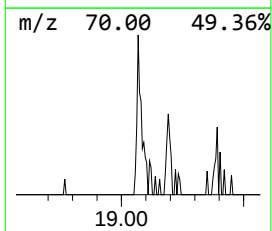
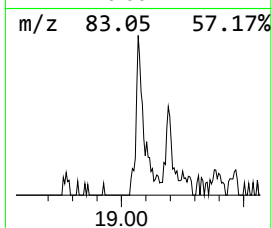
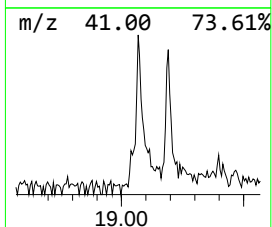
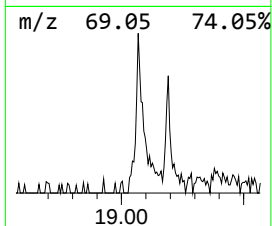
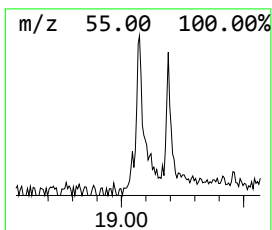
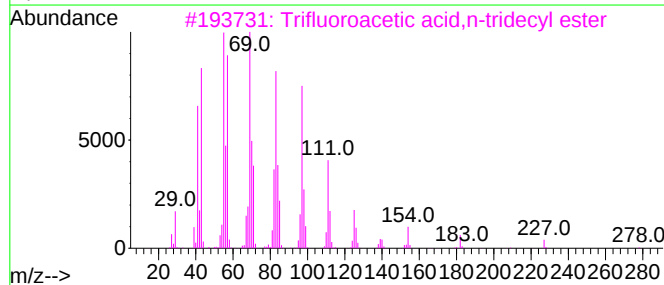
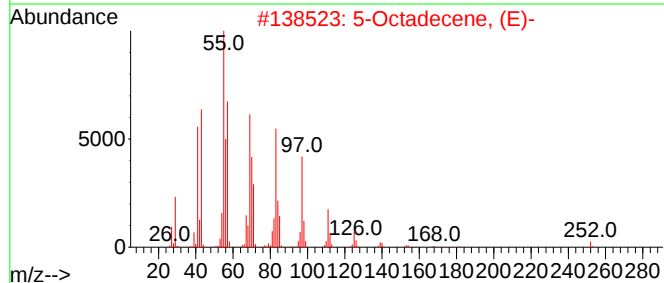
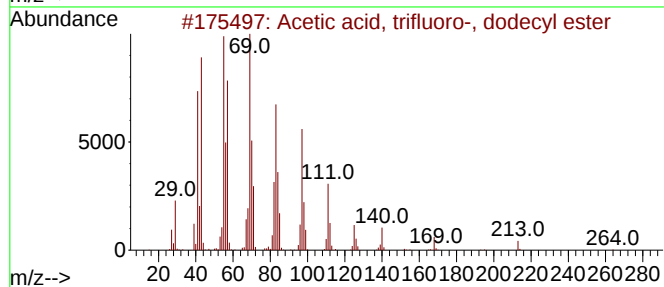
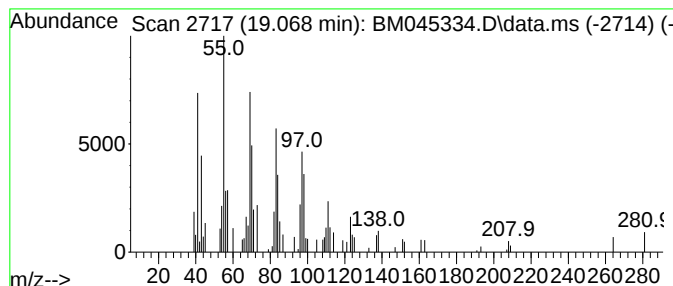
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Acetic acid, trifluoro-, do... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.068	3.26 ng/ul	78768	Phenanthrene-d10	16.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	68
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	64
3			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	64
4			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	58
5			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	58



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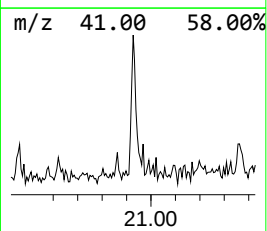
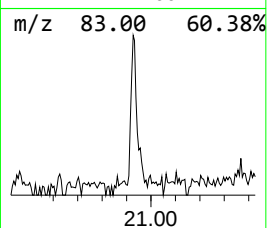
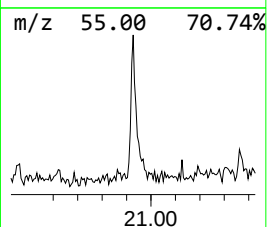
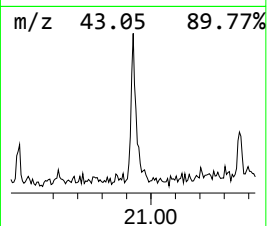
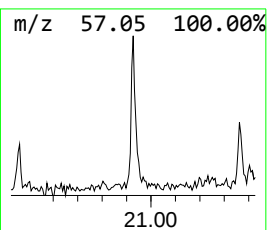
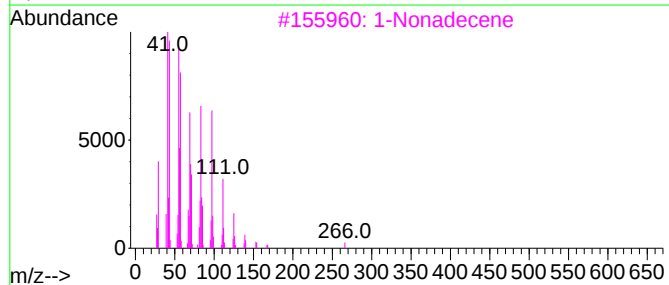
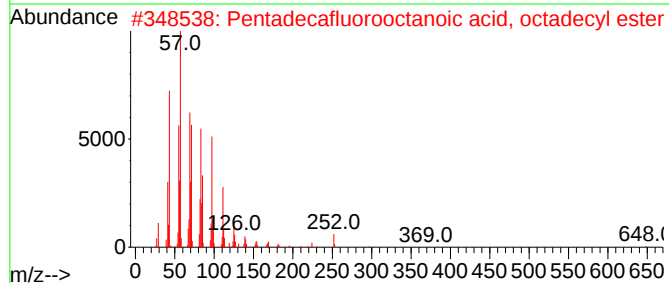
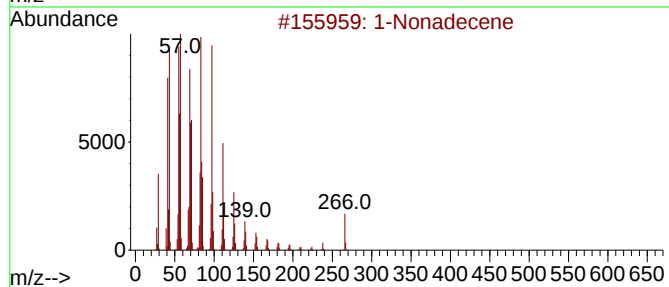
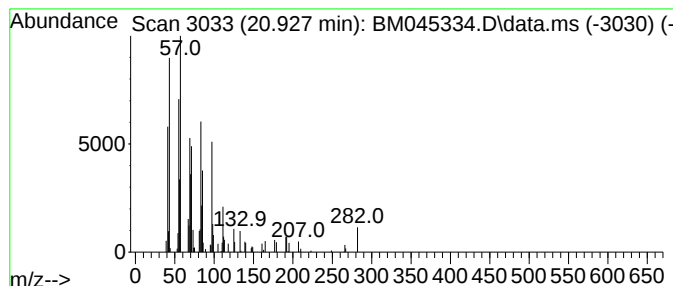
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	2.16 ng/ul	62328	Chrysene-d12	21.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	93
2	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	91
3	1-Nonadecene			266	C19H38	018435-45-5	89
4	Z-5-Nonadecene			266	C19H38	1000131-11-8	89
5	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	83



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.898	3.8	ng/ul	92337	4	16.986	483291	20.0
Acetic acid, tr...	19.068	3.3	ng/ul	78768	4	16.986	483291	20.0
(DEL) Alkane: S...	20.927	2.2	ng/ul	62328	5	21.197	578207	20.0