

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059019.D
 Acq On : 12 Sep 2023 20:43
 Operator : MA/JU
 Sample : 04175-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYX4

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_G\Methods\SFAM-EPA-BG091023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.629	19	24	28	rBV2	26549	44139	0.89%	0.095%
2	3.905	69	71	76	rVB5	11809	15911	0.32%	0.034%
3	4.058	91	97	107	rBV	417461	671414	13.55%	1.439%
4	4.246	126	129	131	rBV4	9219	11493	0.23%	0.025%
5	4.270	131	133	137	rVB5	14050	12700	0.26%	0.027%
6	4.393	153	154	159	rVB4	10759	12554	0.25%	0.027%
7	4.857	229	233	235	rBV5	6748	8393	0.17%	0.018%
8	5.392	322	324	327	rBV3	8632	10789	0.22%	0.023%
9	5.492	334	341	344	rVB5	6787	15992	0.32%	0.034%
10	5.686	372	374	376	rVB2	8432	7936	0.16%	0.017%
11	6.261	470	472	476	rBV4	8698	10309	0.21%	0.022%
12	6.391	492	494	498	rBV5	7541	10843	0.22%	0.023%
13	7.196	626	631	634	rBV5	12723	18865	0.38%	0.040%
14	7.284	645	646	649	rVB3	12295	9792	0.20%	0.021%
15	7.419	662	669	679	rVB	593752	1049851	21.19%	2.250%
16	7.531	685	688	690	rBV4	7877	8181	0.17%	0.018%
17	7.630	698	705	712	rBV	444724	745700	15.05%	1.598%
18	7.824	728	738	750	rBV	531172	987419	19.93%	2.116%
19	8.142	788	792	793	rBV3	6547	8106	0.16%	0.017%
20	8.177	795	798	799	rBV2	9468	8525	0.17%	0.018%
21	8.206	799	803	805	rVB4	8581	12252	0.25%	0.026%
22	8.312	814	821	828	rVB	361306	639844	12.91%	1.371%
23	8.377	828	832	833	rBV3	6410	7835	0.16%	0.017%
24	8.535	857	859	862	rBV2	7852	11837	0.24%	0.025%
25	8.841	908	911	913	rVB3	8668	10565	0.21%	0.023%
26	8.994	927	937	947	rBV	747863	1354021	27.33%	2.902%
27	9.158	962	965	969	rBV5	7542	12759	0.26%	0.027%
28	9.270	982	984	987	rVB2	8455	9149	0.18%	0.020%
29	9.299	987	989	991	rBV3	6893	7920	0.16%	0.017%
30	9.352	995	998	1001	rVB5	8544	9523	0.19%	0.020%
31	9.375	1001	1002	1005	rBV3	6521	7721	0.16%	0.017%
32	9.505	1015	1024	1034	rBV	549513	1012384	20.43%	2.170%
33	9.605	1039	1041	1043	rBV3	11327	12104	0.24%	0.026%
34	9.716	1058	1060	1062	rBV3	10009	9366	0.19%	0.020%
35	9.840	1076	1081	1084	rVB7	10768	16967	0.34%	0.036%
36	10.016	1108	1111	1113	rBV4	11220	10744	0.22%	0.023%

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37	10.116	1125	1128	1131	rVB3	9971	10565	0.21%	0.023%
38	10.151	1131	1134	1136	rBV3	10154	8850	0.18%	0.019%
39	10.227	1139	1147	1153	rVV	470534	846094	17.08%	1.813%
40	10.345	1165	1167	1168	rBV2	11061	10000	0.20%	0.021%

41	10.686	1223	1225	1227	rBV2	11844	11219	0.23%	0.024%
42	10.744	1229	1235	1245	rVV	748899	1366503	27.58%	2.928%
43	10.880	1254	1258	1260	rBV4	6609	11926	0.24%	0.026%
44	11.026	1280	1283	1285	rBV4	22148	24443	0.49%	0.052%
45	11.079	1289	1292	1294	rVB4	9190	8476	0.17%	0.018%

46	11.156	1297	1305	1312	rBV	556426	989331	19.97%	2.120%
47	11.214	1313	1315	1320	rVB4	17386	23658	0.48%	0.051%
48	11.297	1320	1329	1336	rBV	734578	1373676	27.72%	2.944%
49	11.344	1336	1337	1340	rVB3	15979	10011	0.20%	0.021%
50	11.543	1369	1371	1373	rBV3	6850	8260	0.17%	0.018%

51	11.590	1373	1379	1384	rVB8	26804	51402	1.04%	0.110%
52	11.790	1408	1413	1414	rBV4	8167	12659	0.26%	0.027%
53	12.072	1457	1461	1465	rVB7	15634	21852	0.44%	0.047%
54	12.131	1468	1471	1472	rBV3	8478	8173	0.16%	0.018%
55	12.348	1504	1508	1511	rBV6	9700	11085	0.22%	0.024%

56	12.466	1525	1528	1536	rVB2	42734	64414	1.30%	0.138%
57	12.536	1536	1540	1541	rBV4	9289	10284	0.21%	0.022%
58	12.707	1564	1569	1576	rVB5	20996	31752	0.64%	0.068%
59	12.912	1602	1604	1609	rVB5	6430	8302	0.17%	0.018%
60	13.059	1626	1629	1630	rBV3	10765	10925	0.22%	0.023%

61	13.212	1651	1655	1659	rVB6	19593	28884	0.58%	0.062%
62	13.306	1669	1671	1673	rBV3	8342	7882	0.16%	0.017%
63	13.400	1684	1687	1691	rVB6	15140	19530	0.39%	0.042%
64	13.441	1692	1694	1699	rVB6	8325	10925	0.22%	0.023%
65	13.506	1702	1705	1706	rBV3	9908	8748	0.18%	0.019%

66	13.688	1732	1736	1741	rBV4	43475	58996	1.19%	0.126%
67	13.770	1745	1750	1756	rVV3	86039	129084	2.61%	0.277%
68	13.823	1756	1759	1763	rVV6	19707	28119	0.57%	0.060%
69	13.870	1763	1767	1772	rVB7	25618	38364	0.77%	0.082%
70	14.334	1839	1846	1852	rBV	1605443	2366547	47.76%	5.072%

71	14.387	1852	1855	1858	rVB5	6615	8224	0.17%	0.018%
72	14.499	1871	1874	1876	rBV3	10583	11200	0.23%	0.024%
73	14.640	1890	1898	1908	rBV	1757471	2734417	55.19%	5.860%
74	14.751	1914	1917	1922	rVB3	38803	44825	0.90%	0.096%
75	14.857	1930	1935	1937	rBV6	19268	31082	0.63%	0.067%

76	14.940	1942	1949	1958	rVB	973158	1571085	31.71%	3.367%
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 Title : SVOA CALIBRATION

77	15.104	1971	1977	1983	rBV	737281	1147101	23.15%	2.458%
78	15.286	2006	2008	2011	rVB4	15025	16072	0.32%	0.034%
79	15.539	2047	2051	2054	rBV6	15178	21835	0.44%	0.047%
80	15.662	2068	2072	2073	rBV4	14085	15143	0.31%	0.032%
81	15.697	2075	2078	2082	rVV3	41492	54881	1.11%	0.118%
82	15.733	2082	2084	2088	rVB5	32348	35708	0.72%	0.077%
83	15.927	2110	2117	2123	rBV	2337529	3619929	73.06%	7.758%
84	16.026	2128	2134	2140	rBV	562780	835596	16.86%	1.791%
85	16.156	2154	2156	2161	rVB6	18355	23857	0.48%	0.051%
86	16.567	2221	2226	2227	rBV2	48886	61458	1.24%	0.132%
87	16.796	2263	2265	2267	rVB2	16660	12828	0.26%	0.027%
88	17.166	2327	2328	2330	rBV2	16909	15914	0.32%	0.034%
89	17.354	2358	2360	2364	rVB5	39013	37142	0.75%	0.080%
90	17.407	2365	2369	2372	rVB6	27176	32343	0.65%	0.069%
91	17.683	2410	2416	2423	rBV	1425872	2191005	44.22%	4.695%
92	17.789	2427	2434	2441	rVV2	2637783	4155349	83.87%	8.905%
93	17.842	2441	2443	2448	rVB6	26838	27489	0.55%	0.059%
94	18.506	2552	2556	2562	rBV2	364641	518188	10.46%	1.110%
95	19.769	2767	2771	2775	rBV5	109851	158550	3.20%	0.340%
96	20.057	2814	2820	2827	rBV	3261523	4872370	98.34%	10.441%
97	21.555	3071	3075	3079	rBV4	297322	430390	8.69%	0.922%
98	22.008	3146	3152	3161	rVB2	1279930	2285735	46.13%	4.898%
99	25.316	3706	3715	3733	rVB2	1642605	4954670	100.00%	10.618%
100	25.562	3751	3757	3768	rVB	769914	2294289	46.31%	4.917%

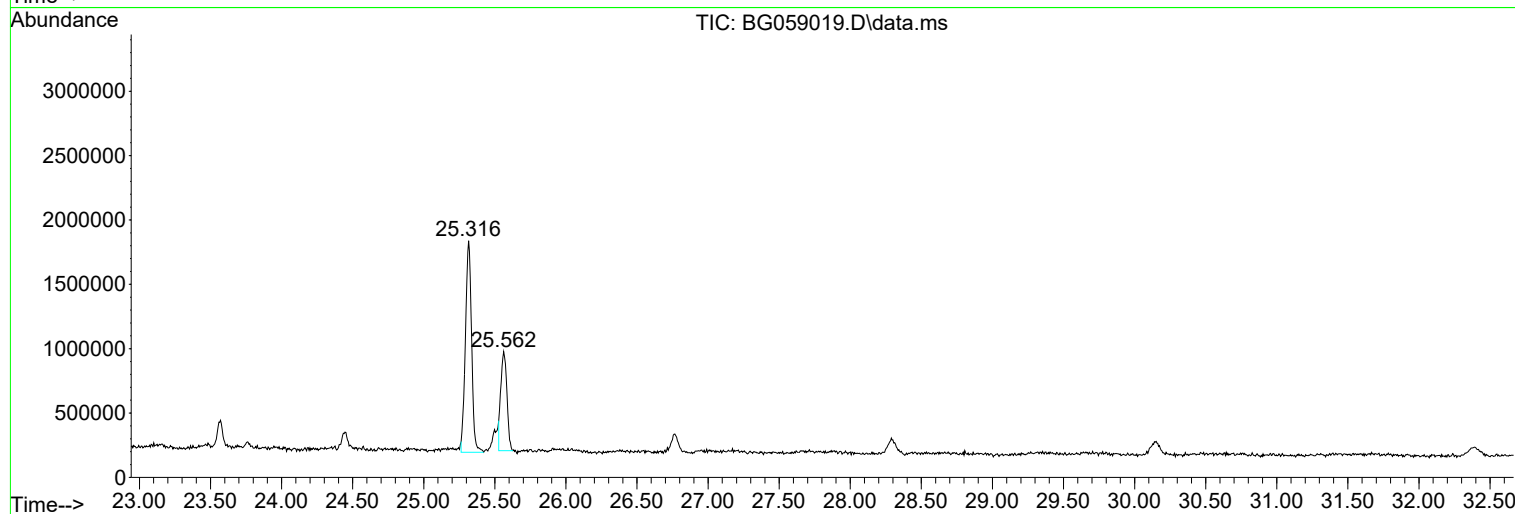
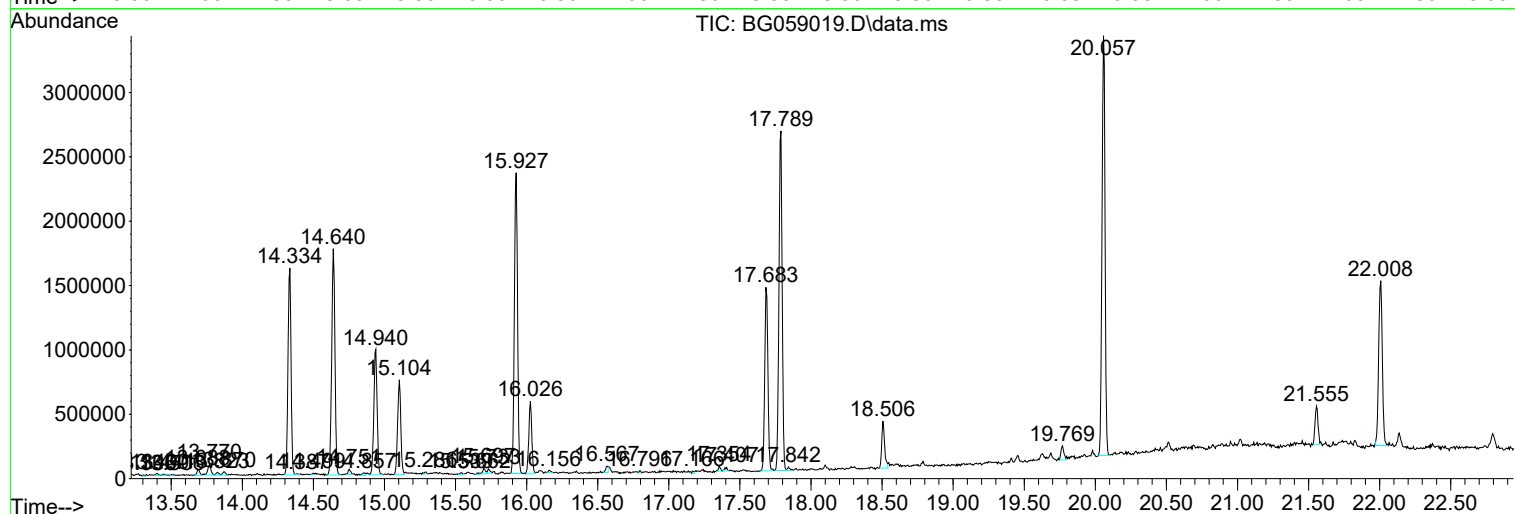
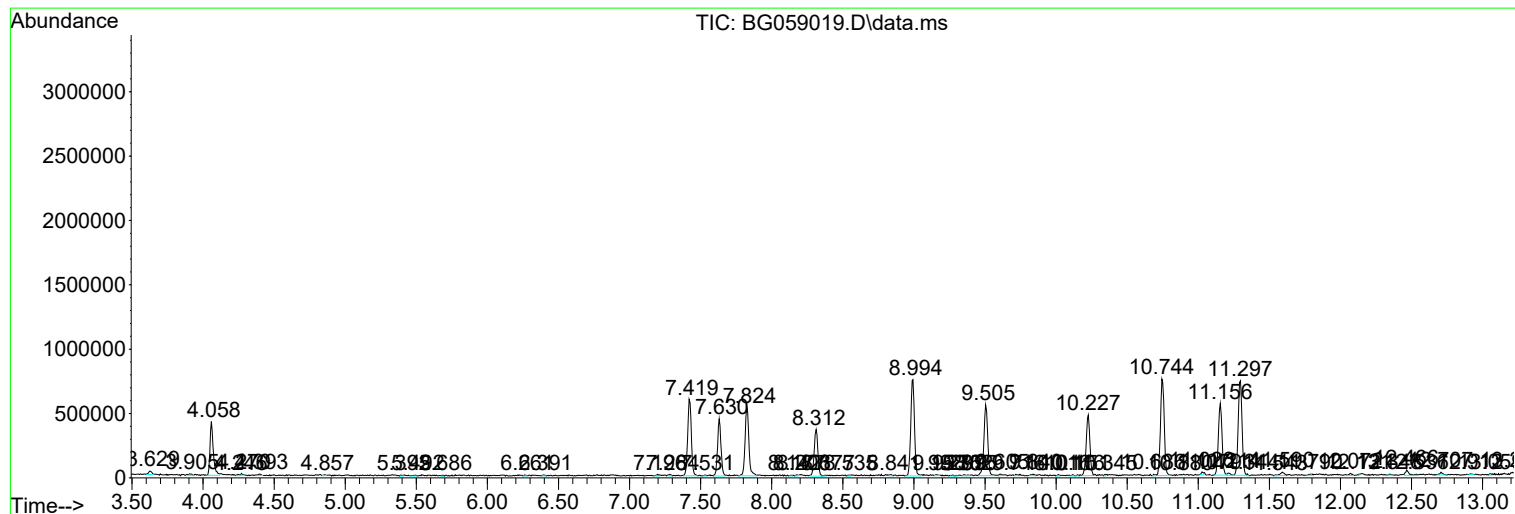
Sum of corrected areas: 46663517

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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



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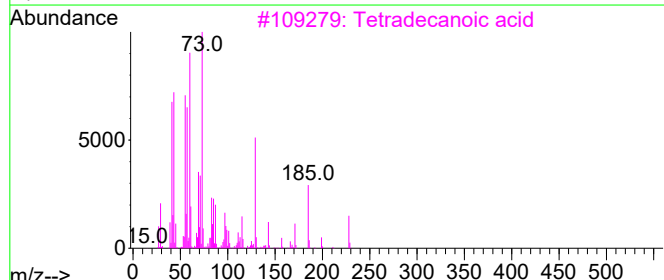
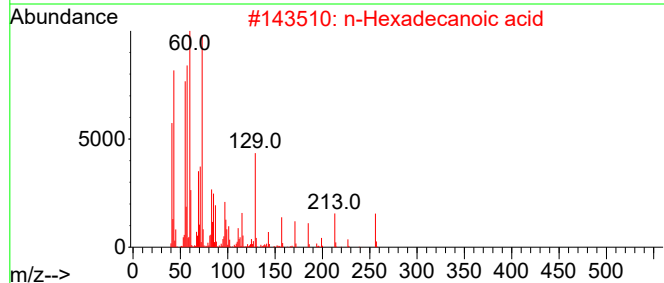
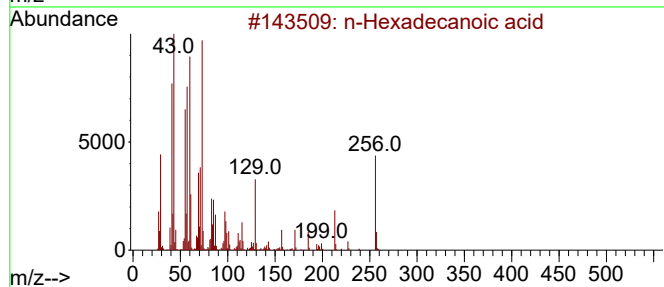
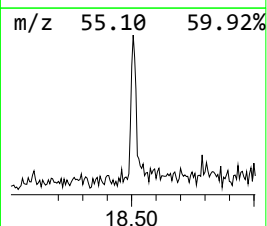
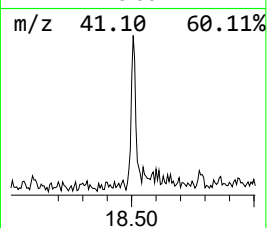
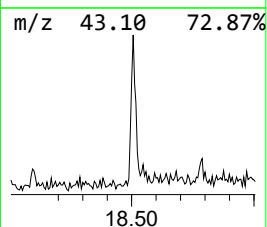
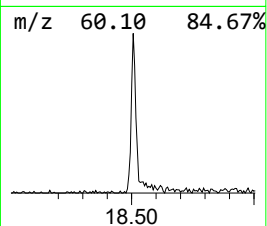
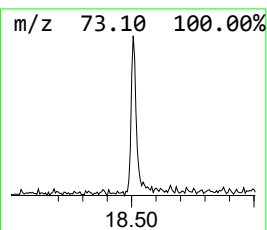
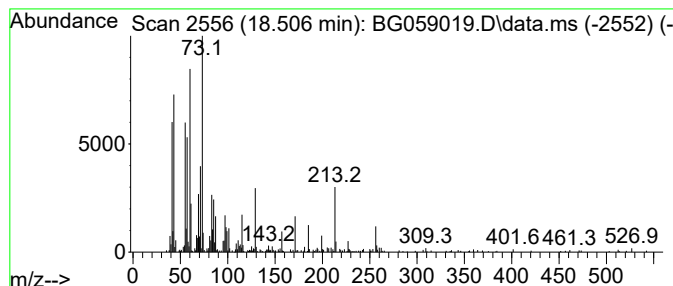
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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.
18.506	4.73 ng/ul	518188	Phenanthrene-d10	17.683

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	89



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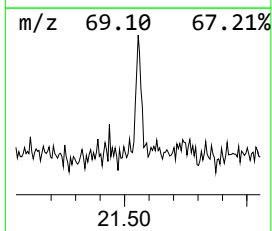
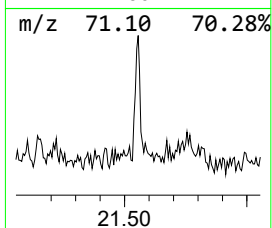
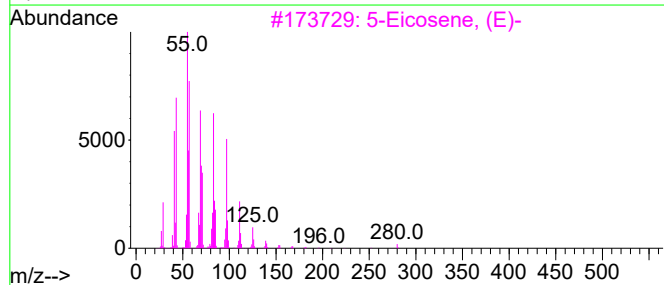
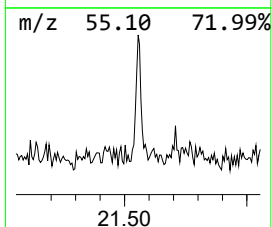
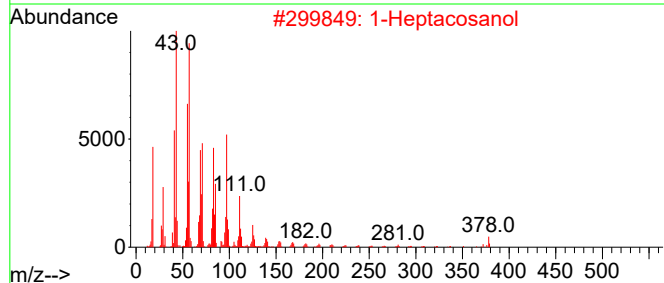
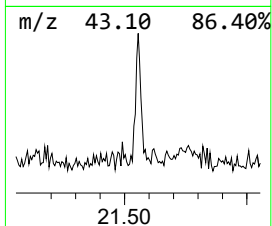
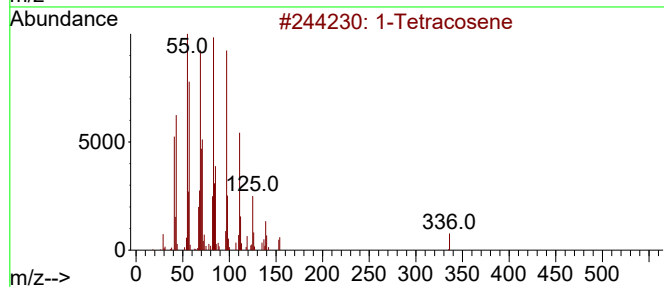
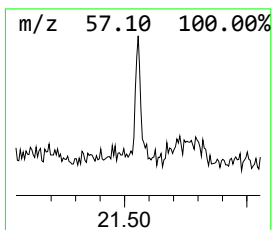
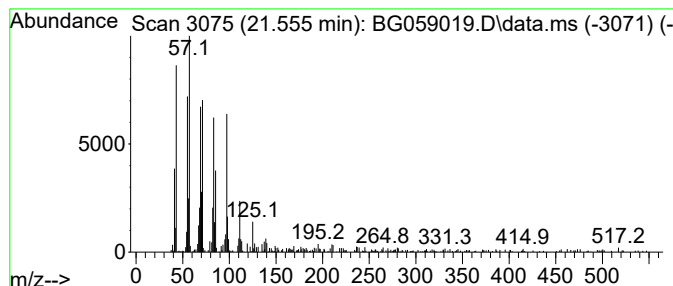
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.555	3.77 ng/ul	430390	Chrysene-d12	22.008

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	91
2			1-Heptacosanol	396	C27H56O	002004-39-9	86
3			5-Eicosene, (E)-	280	C20H40	074685-30-6	76
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	64
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	62



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.506	4.7	ng/ul	518188	4	17.683	2191010	20.0
(DEL) Alkane: S...	21.555	3.8	ng/ul	430390	5	22.008	2285740	20.0