

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029805.D
 Acq On : 05 May 2021 01:16
 Operator : CG/JU
 Sample : M2121-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG573

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM050421.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	29	32	36	rBV2	26670	31161	1.02%	0.097%
2	3.493	101	103	131	rBV	197656	494323	16.10%	1.536%
3	6.752	651	657	676	rBV2	387935	892362	29.07%	2.773%
4	6.910	679	684	700	rVB	290830	529696	17.25%	1.646%
5	7.104	711	717	730	rBV	428256	746487	24.32%	2.320%
6	7.275	742	746	747	rBV3	4956	6129	0.20%	0.019%
7	7.569	789	796	805	rBV	458160	786572	25.62%	2.444%
8	8.281	911	917	935	rBV	439290	865520	28.19%	2.690%
9	8.651	977	980	982	rBV3	3109	3843	0.13%	0.012%
10	8.722	986	992	1010	rVV	365786	698183	22.74%	2.170%
11	9.140	1059	1063	1070	rVB4	10098	17952	0.58%	0.056%
12	9.440	1107	1114	1127	rBV	303112	565538	18.42%	1.758%
13	9.975	1199	1205	1228	rBV	392638	833211	27.14%	2.589%
14	10.340	1260	1267	1286	rBV	658727	1166714	38.00%	3.626%
15	10.493	1286	1293	1308	rBV	333246	770872	25.11%	2.396%
16	11.557	1468	1474	1476	rBV5	2339	3767	0.12%	0.012%
17	11.951	1535	1541	1544	rBV6	4965	8968	0.29%	0.028%
18	12.822	1686	1689	1692	rBV5	2852	4440	0.14%	0.014%
19	13.045	1723	1727	1735	rBV5	8296	17215	0.56%	0.054%
20	13.116	1735	1739	1746	rVV2	14032	22949	0.75%	0.071%
21	13.192	1748	1752	1756	rVB5	2390	3700	0.12%	0.011%
22	13.633	1821	1827	1831	rBV	899747	1272749	41.46%	3.955%
23	13.681	1831	1835	1845	rVV	315757	475452	15.49%	1.478%
24	13.751	1845	1847	1853	rVB5	4818	6555	0.21%	0.020%
25	13.904	1863	1873	1893	rBV	1123088	1809505	58.94%	5.624%
26	14.128	1905	1911	1916	rBV4	7266	13122	0.43%	0.041%
27	14.216	1919	1926	1937	rBV	1025443	1533694	49.96%	4.766%
28	14.451	1961	1966	1982	rBV2	94096	345176	11.24%	1.073%
29	14.663	2000	2002	2007	rVB6	5673	6440	0.21%	0.020%
30	14.816	2026	2028	2032	rVB5	3286	3726	0.12%	0.012%
31	14.857	2032	2035	2042	rVV5	5673	9138	0.30%	0.028%
32	15.028	2060	2064	2070	rBV2	12749	19022	0.62%	0.059%
33	15.075	2070	2072	2077	rVB5	4463	7150	0.23%	0.022%
34	15.210	2087	2095	2113	rBV	1339590	2008521	65.42%	6.242%

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35	15.345	2113	2118	2133	rVV	338557	549984	17.91%	1.709%
36	15.457	2133	2137	2143	rVB2	16369	27412	0.89%	0.085%
37	15.780	2188	2192	2199	rBV8	6455	16320	0.53%	0.051%
38	15.898	2209	2212	2216	rVB5	4362	5433	0.18%	0.017%
39	15.951	2216	2221	2225	rVV8	8861	16131	0.53%	0.050%
40	15.998	2227	2229	2236	rVB5	10367	15037	0.49%	0.047%
41	16.122	2245	2250	2252	rVV4	3997	4546	0.15%	0.014%
42	16.204	2261	2264	2271	rVB3	9408	15386	0.50%	0.048%
43	16.351	2287	2289	2293	rVB4	3554	3789	0.12%	0.012%
44	16.645	2336	2339	2344	rVB6	3000	4087	0.13%	0.013%
45	16.704	2344	2349	2352	rBV6	7800	11440	0.37%	0.036%
46	16.751	2352	2357	2360	rVV4	8018	15866	0.52%	0.049%
47	16.804	2363	2366	2370	rVB5	3825	4782	0.16%	0.015%
48	16.904	2380	2383	2386	rBV4	2774	3686	0.12%	0.011%
49	16.963	2386	2393	2403	rBV	1180123	1758245	57.27%	5.464%
50	17.057	2403	2409	2425	rVV2	1341110	2094121	68.21%	6.508%
51	17.174	2427	2429	2433	rVB5	7909	10875	0.35%	0.034%
52	17.645	2506	2509	2513	rBV5	3798	4906	0.16%	0.015%
53	17.763	2527	2529	2533	rVB5	4006	4033	0.13%	0.013%
54	17.869	2542	2547	2557	rBV	116124	214832	7.00%	0.668%
55	18.163	2595	2597	2602	rVB6	3972	4571	0.15%	0.014%
56	18.457	2645	2647	2652	rVB5	3062	4029	0.13%	0.013%
57	18.627	2672	2676	2680	rVB	15669	19192	0.63%	0.060%
58	18.804	2702	2706	2710	rBV6	8027	11583	0.38%	0.036%
59	18.992	2735	2738	2743	rBV3	11489	18764	0.61%	0.058%
60	19.039	2743	2746	2752	rVB7	12859	18456	0.60%	0.057%
61	19.157	2762	2766	2774	rBV2	46909	88100	2.87%	0.274%
62	19.245	2778	2781	2787	rVV3	16687	27665	0.90%	0.086%
63	19.310	2790	2792	2793	rVV2	5782	4302	0.14%	0.013%
64	19.357	2794	2800	2818	rVV	1866280	2576883	83.94%	8.008%
65	20.874	3054	3058	3068	rBV	230537	424201	13.82%	1.318%
66	21.145	3099	3104	3120	rBV	1611552	2238050	72.90%	6.955%
67	22.174	3276	3279	3284	rVB2	89232	106450	3.47%	0.331%
68	22.662	3359	3362	3367	rVB	123623	161060	5.25%	0.501%
69	23.168	3442	3448	3463	rVB2	1518160	3070020	100.00%	9.541%
70	23.309	3465	3472	3485	rVB2	1198517	2350524	76.56%	7.305%
71	23.821	3555	3559	3565	rVB	169291	292867	9.54%	0.910%

LSC Area Percent Report

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Sampling : 1 Min Area: 0.1 % of largest Peak
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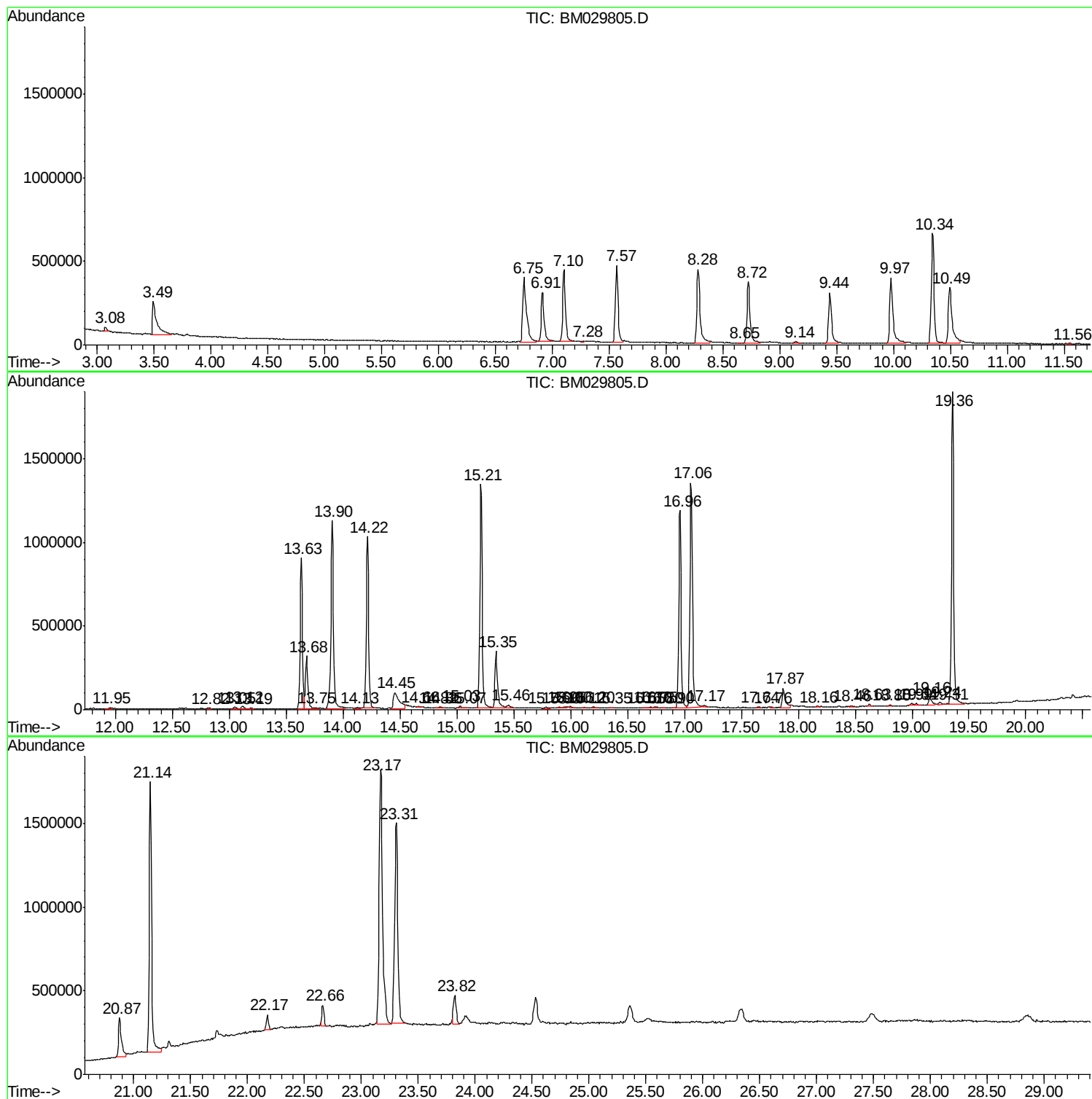
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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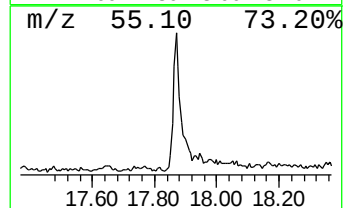
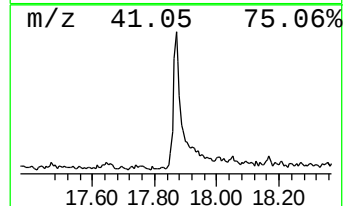
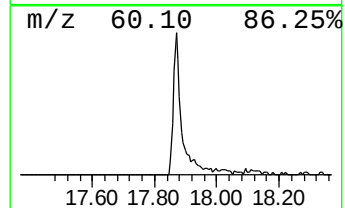
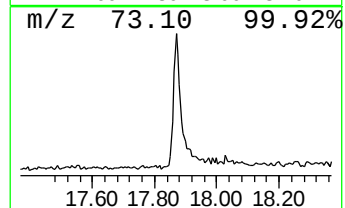
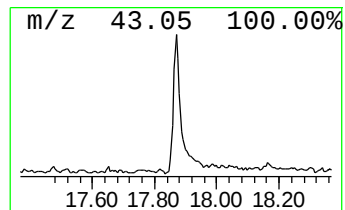
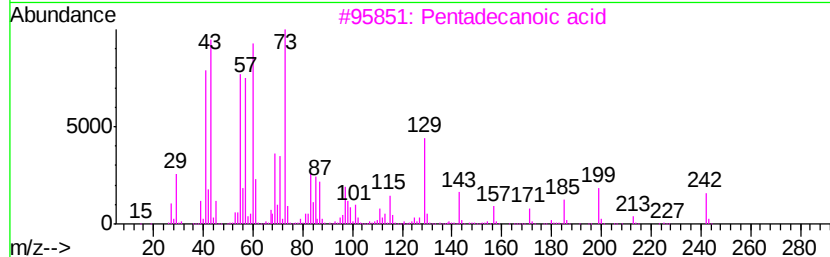
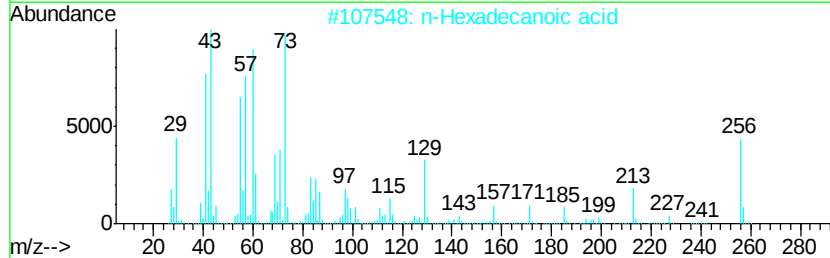
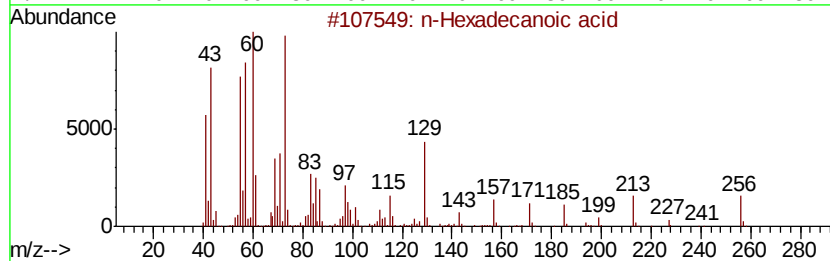
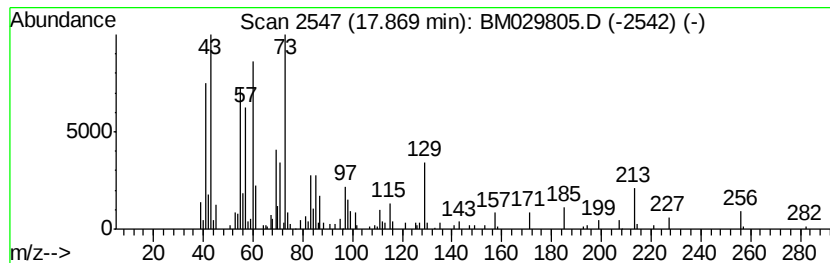
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.44 ng/ul	214832	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



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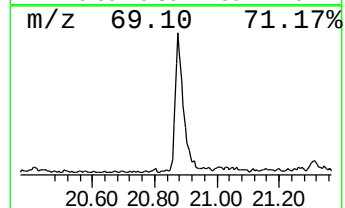
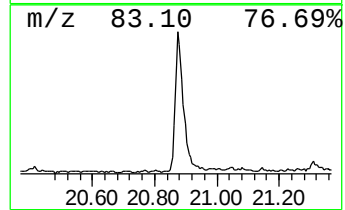
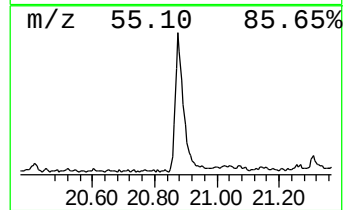
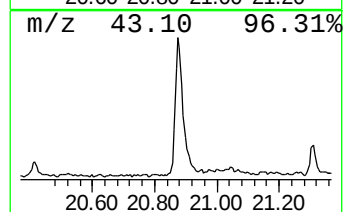
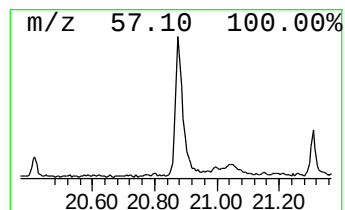
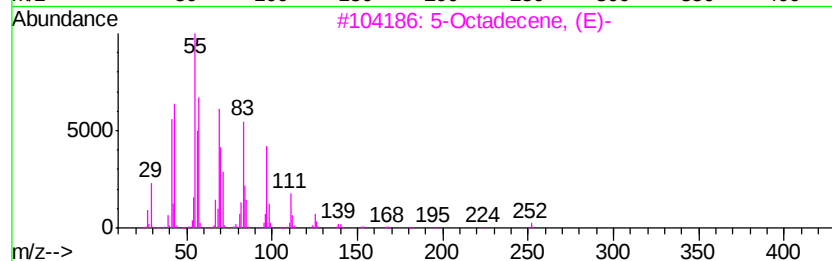
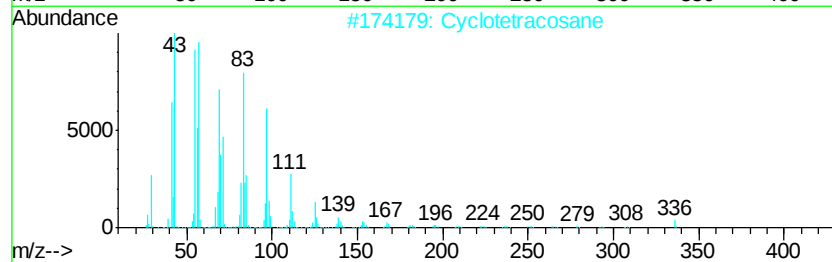
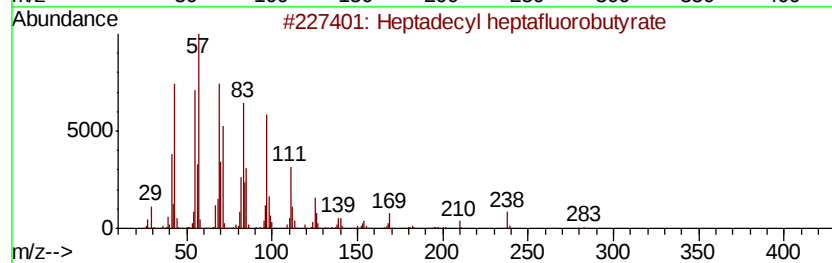
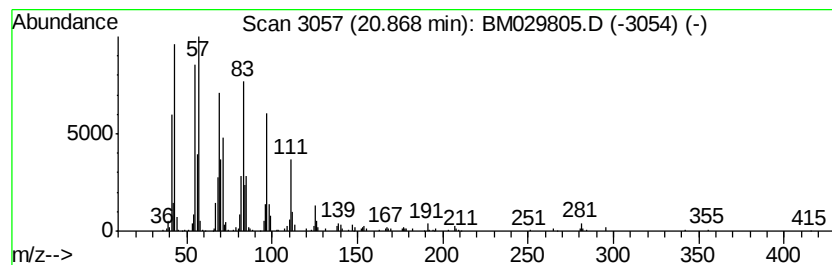
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.79 ng/ul	424201	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Cyclotetracosane		336	C24H48	000297-03-0	94
3	5-Octadecene, (E)-		252	C18H36	007206-21-5	93
4	17-Pentatriacontene		491	C35H70	006971-40-0	91
5	Pentafluoropropionic acid, hepta...		402	C20H35F5O2	959218-78-1	91



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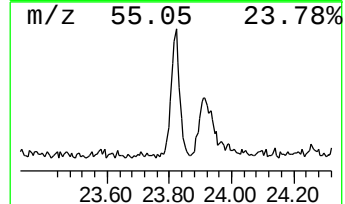
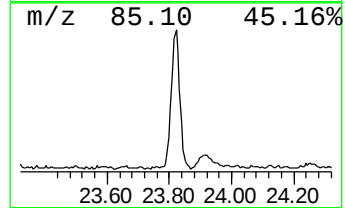
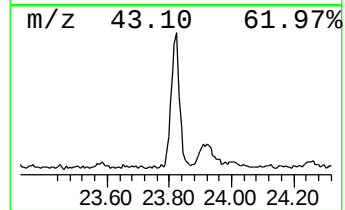
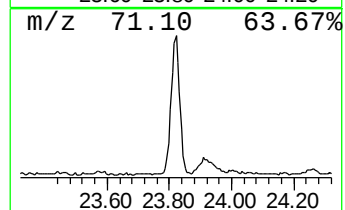
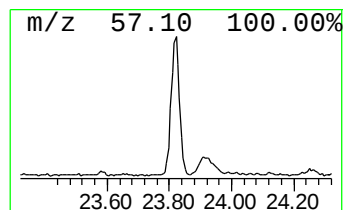
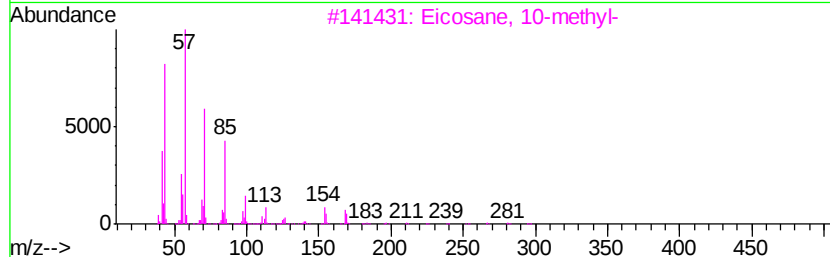
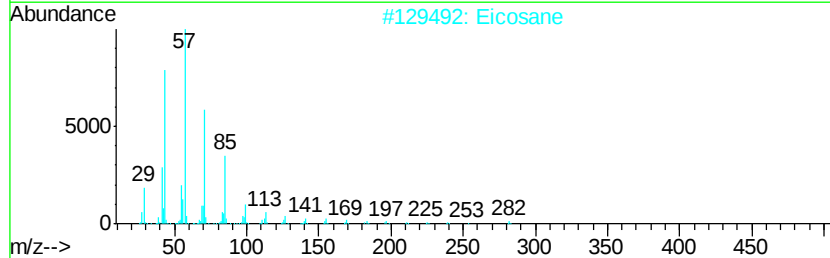
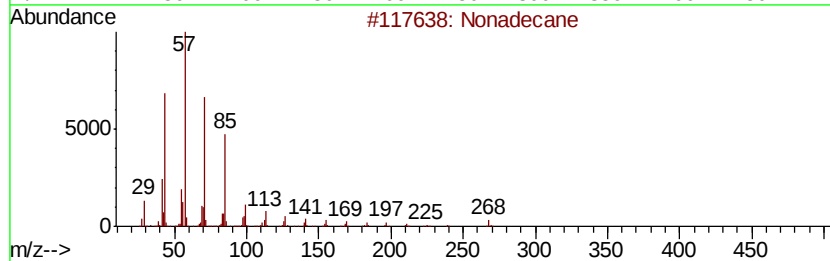
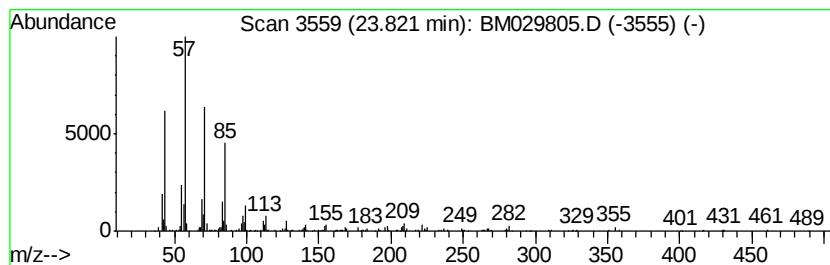
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.49 ng/ul	292867	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Eicosane	282	C20H42	000112-95-8	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heptacosane	380	C27H56	000593-49-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.4	ng/ul	214832	4	16.96	1758250	20.0
Heptadecyl heptaf...	20.87	3.8	ng/ul	424201	5	21.14	2238050	20.0
(DEL) Alkane: Str...	23.82	2.5	ng/ul	292867	6	23.31	2350520	20.0