

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029950.D
 Acq On : 11 May 2021 19:36
 Operator : CG/JU
 Sample : M2197-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARG3

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-BM050721.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	3.016	19	22	27	rBV3	20173	29741	0.89%	0.099%
2	3.057	27	29	39	rVB	28081	45789	1.37%	0.153%
3	3.687	132	136	143	rVB2	18776	31466	0.94%	0.105%
4	3.875	166	168	176	rVB7	6324	8771	0.26%	0.029%
5	4.293	235	239	246	rVB	19556	28809	0.86%	0.096%
6	5.957	518	522	529	rVB7	5920	10268	0.31%	0.034%
7	6.740	649	655	671	rBV	86613	206118	6.16%	0.688%
8	6.892	676	681	699	rBV	302560	572828	17.11%	1.911%
9	7.081	707	713	731	rBV	383267	697764	20.84%	2.328%
10	7.545	785	792	804	rBV	397938	667228	19.93%	2.226%
11	8.263	908	914	928	rBV	257768	518117	15.47%	1.729%
12	8.704	983	989	1009	rBV	393891	744310	22.23%	2.484%
13	9.116	1053	1059	1064	rVB5	6532	11193	0.33%	0.037%
14	9.422	1103	1111	1126	rBV	313434	615962	18.40%	2.055%
15	9.957	1196	1202	1225	rBV	338208	868473	25.94%	2.898%
16	10.322	1256	1264	1279	rBV	565048	1004228	29.99%	3.351%
17	10.504	1289	1295	1298	rBV4	17031	37292	1.11%	0.124%
18	10.639	1317	1318	1323	rVB3	2861	3452	0.10%	0.012%
19	10.922	1363	1366	1372	rBV8	1687	3475	0.10%	0.012%
20	11.945	1534	1540	1548	rBV8	4966	11083	0.33%	0.037%
21	12.798	1682	1685	1690	rVB5	2130	3729	0.11%	0.012%
22	13.021	1719	1723	1730	rBV4	7190	12019	0.36%	0.040%
23	13.104	1730	1737	1740	rVV3	5342	8107	0.24%	0.027%
24	13.616	1817	1824	1829	rVV	1083897	1566330	46.78%	5.226%
25	13.663	1829	1832	1842	rVB	73705	124933	3.73%	0.417%
26	13.886	1863	1870	1889	rBV	1271467	1915545	57.21%	6.392%
27	14.110	1904	1908	1912	rVB6	4716	6138	0.18%	0.020%
28	14.192	1916	1922	1933	rBV	917836	1370642	40.94%	4.574%
29	14.492	1965	1973	1974	rBV6	9405	18306	0.55%	0.061%
30	14.663	2001	2002	2009	rVB5	2903	3680	0.11%	0.012%
31	15.068	2067	2071	2074	rVB4	3910	5417	0.16%	0.018%
32	15.192	2085	2092	2108	rBV	1658765	2459376	73.46%	8.206%
33	15.333	2110	2116	2130	rVV	403385	681439	20.35%	2.274%
34	15.439	2130	2134	2139	rVB	19524	31871	0.95%	0.106%

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35	15.886	2202	2210	2213	rBV9	3668	7440	0.22%	0.025%
36	15.927	2213	2217	2220	rVV5	2623	3784	0.11%	0.013%
37	15.980	2222	2226	2230	rVB6	6429	9527	0.28%	0.032%
38	16.180	2255	2260	2265	rBV2	7930	12838	0.38%	0.043%
39	16.339	2283	2287	2289	rBV4	2959	3433	0.10%	0.011%
40	16.727	2350	2353	2358	rBV7	5433	8679	0.26%	0.029%
41	16.939	2383	2389	2400	rBV	1036588	1539656	45.99%	5.137%
42	17.039	2400	2406	2422	rVV	1871303	2776115	82.92%	9.263%
43	17.451	2474	2476	2481	rBV6	3433	5197	0.16%	0.017%
44	17.621	2502	2505	2511	rVB8	4171	8313	0.25%	0.028%
45	17.851	2539	2544	2555	rBV2	151004	268176	8.01%	0.895%
46	18.145	2591	2594	2600	rVB6	7344	10811	0.32%	0.036%
47	18.786	2700	2703	2706	rVB4	7091	7000	0.21%	0.023%
48	18.974	2731	2735	2741	rBV2	17419	27646	0.83%	0.092%
49	19.139	2758	2763	2773	rBV3	79341	156491	4.67%	0.522%
50	19.227	2775	2778	2782	rVB	20687	26296	0.79%	0.088%
51	19.339	2791	2797	2813	rBV	2376268	3245044	96.92%	10.828%
52	20.856	3050	3055	3064	rBV	319157	532878	15.92%	1.778%
53	21.133	3097	3102	3112	rBV	1102924	1587490	47.41%	5.297%
54	22.638	3355	3358	3362	rVB	100821	129428	3.87%	0.432%
55	23.144	3438	3444	3457	rBV2	1681149	3348095	100.00%	11.172%
56	23.280	3462	3467	3481	rVB2	852395	1670292	49.89%	5.573%
57	23.791	3550	3554	3560	rVB	149260	260682	7.79%	0.870%

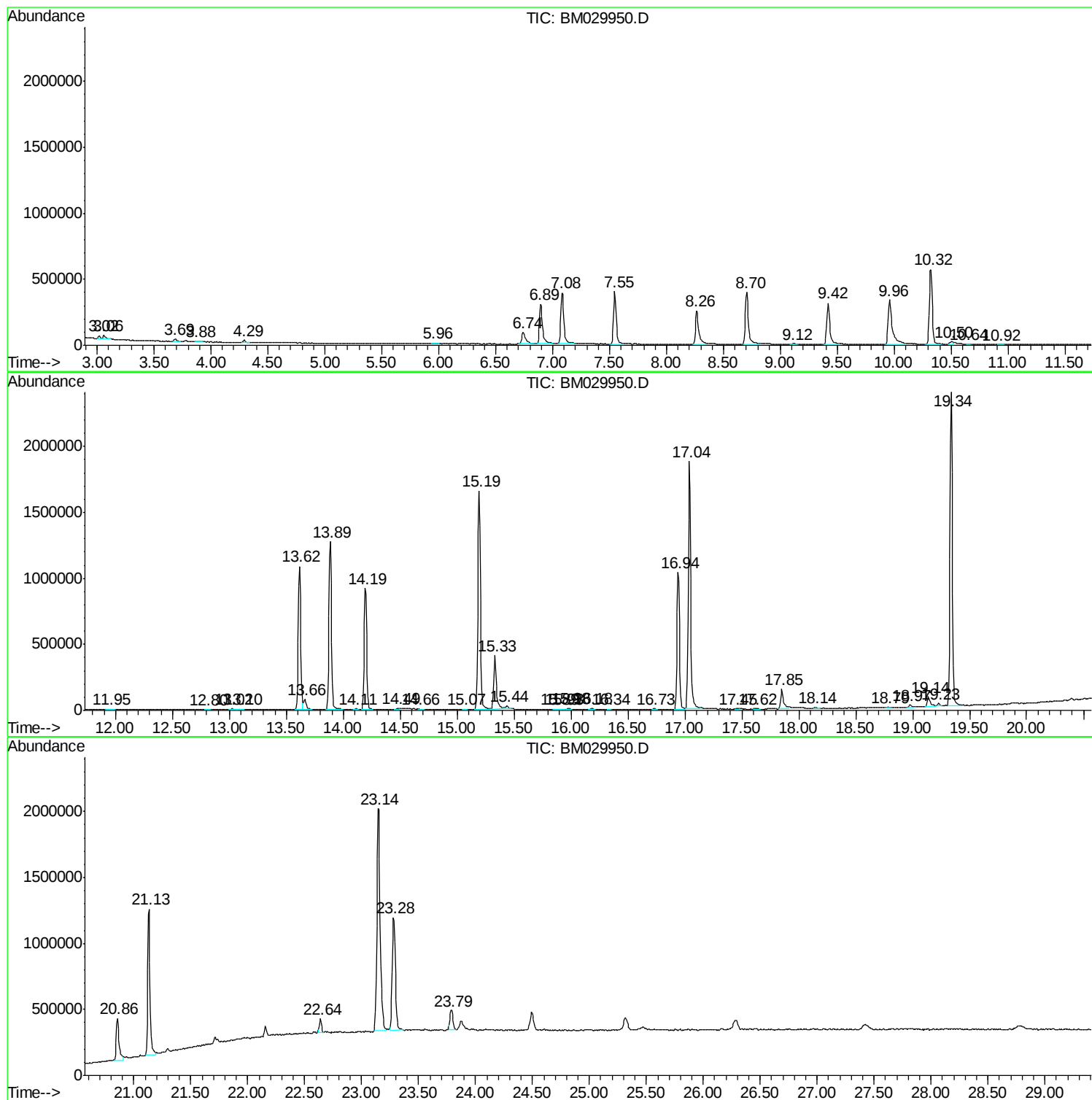
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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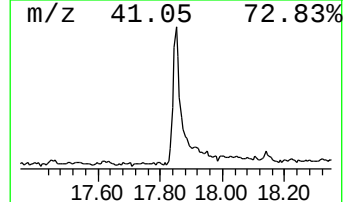
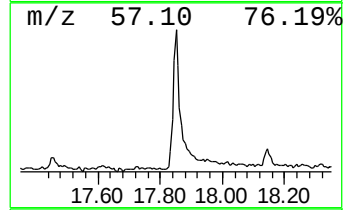
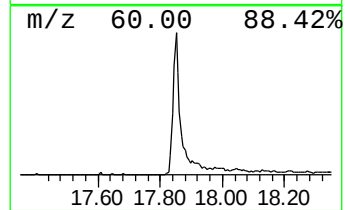
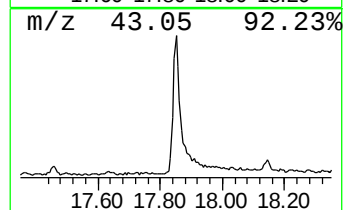
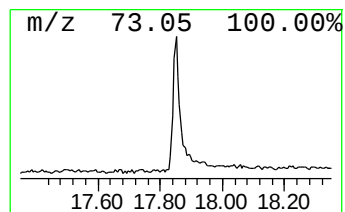
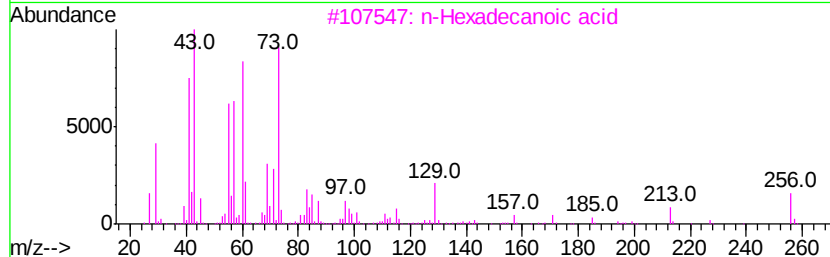
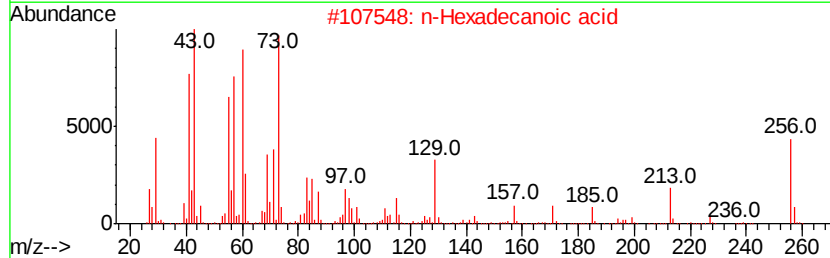
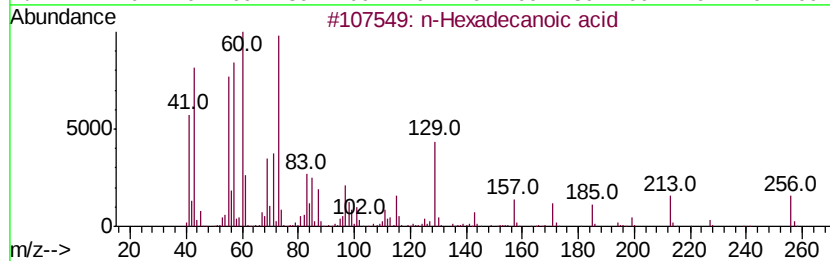
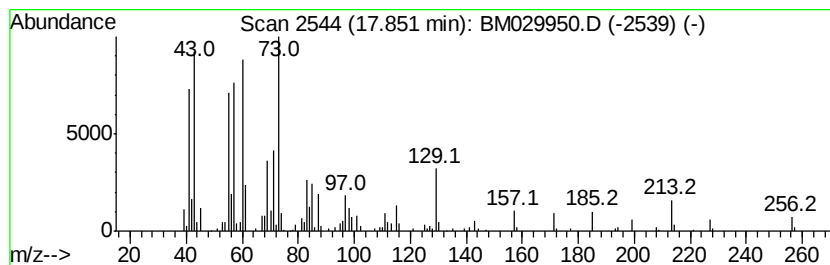
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.48 ng/ul	268176	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	94



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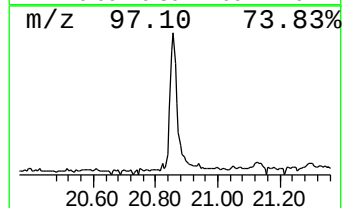
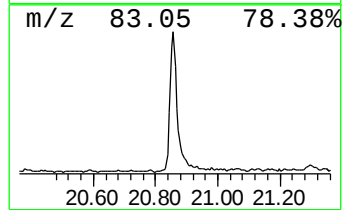
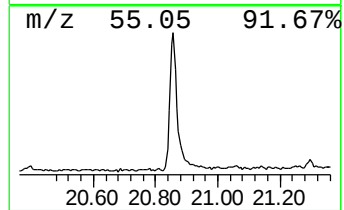
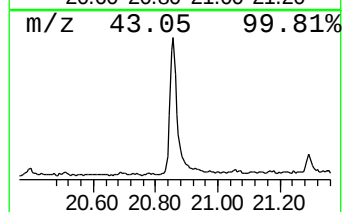
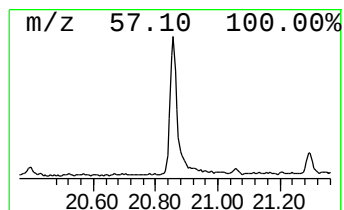
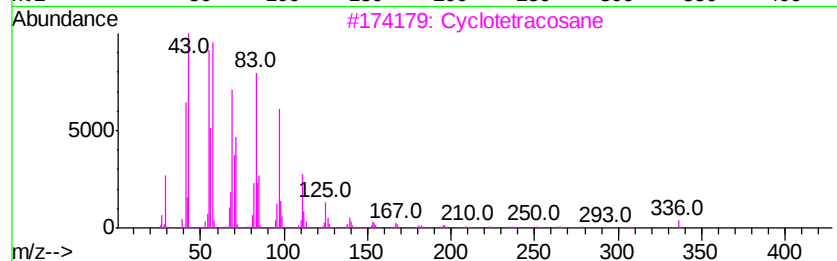
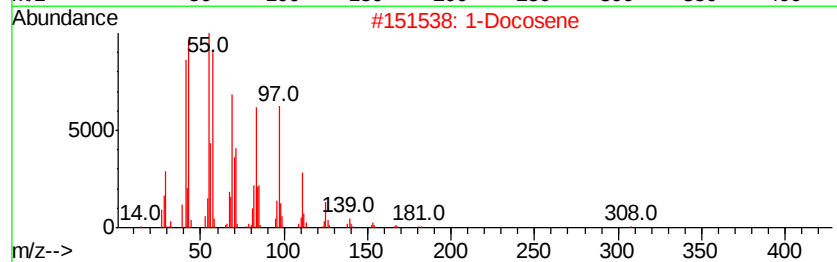
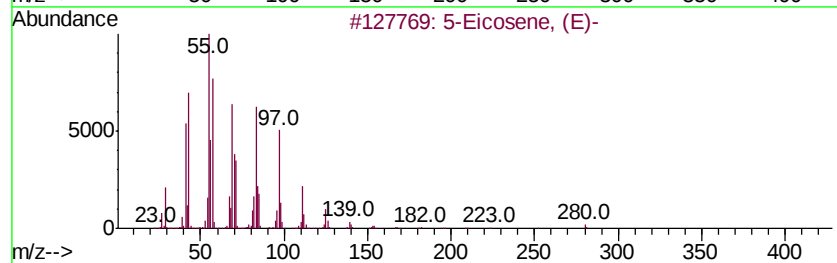
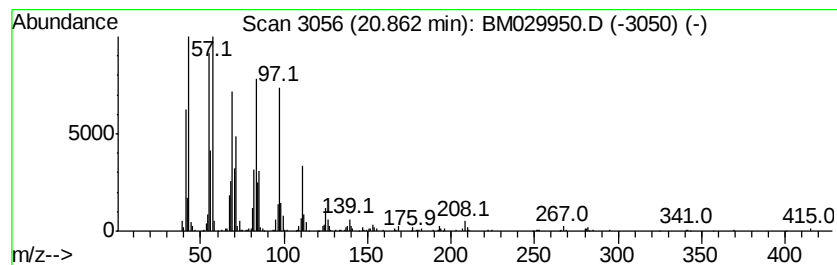
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.71 ng/ul	532878	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			1-Docosene	308	C22H44	001599-67-3	95
3			Cyclotetracosane	336	C24H48	000297-03-0	94
4			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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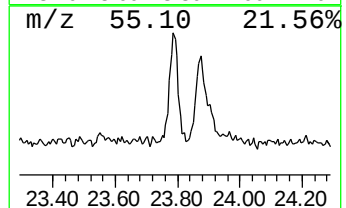
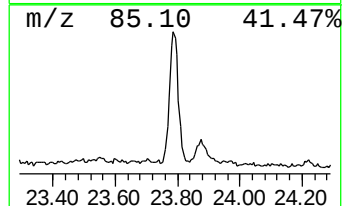
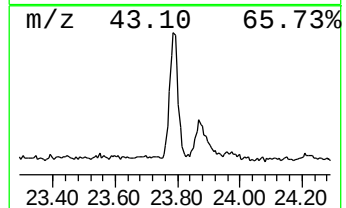
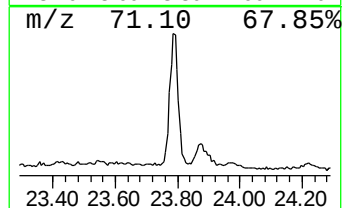
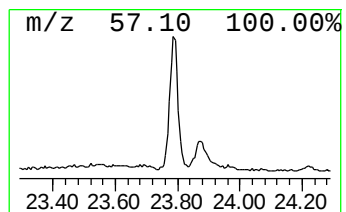
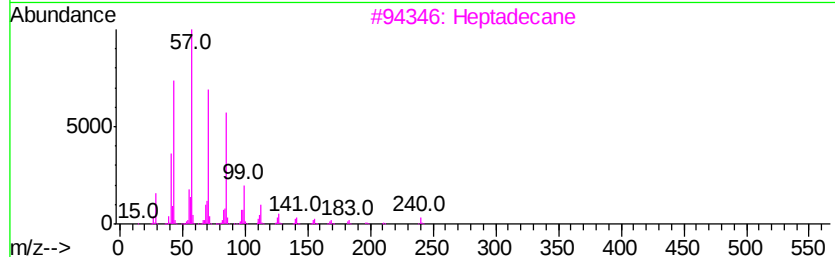
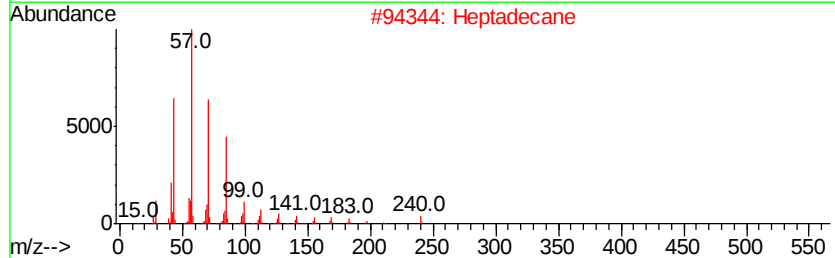
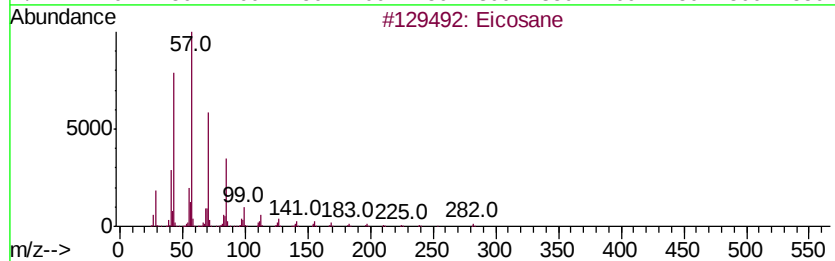
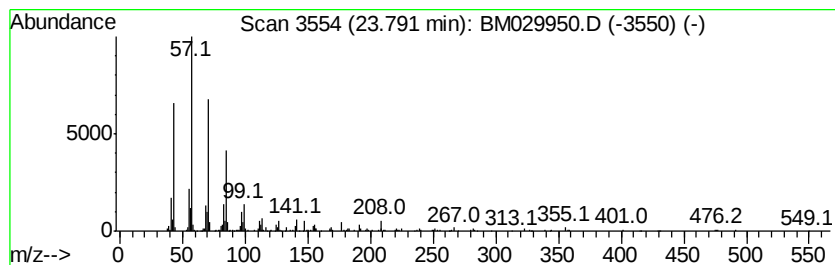
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.12 ng/ul	260682	Perylene-d12	23.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane	240	C17H36	000629-78-7	95
3		Heptadecane	240	C17H36	000629-78-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane	296	C21H44	000629-94-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.85	3.5	ng/ul	268176	4	16.94	1539660	20.0
(DEL) Alkane: Str...	20.86	6.7	ng/ul	532878	5	21.13	1587490	20.0
(DEL) Alkane: Str...	23.79	3.1	ng/ul	260682	6	23.28	1670290	20.0