

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027091.D
 Acq On : 14 Aug 2020 16:40
 Operator : JU/CG
 Sample : L3647-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7H6

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\SOM-EPA-BM080720MA.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	3.205	32	37	41	rBV	23841	30105	1.18%	0.130%
2	3.481	79	84	89	rVV5	3418	6342	0.25%	0.027%
3	3.828	138	143	150	rBV2	8723	13798	0.54%	0.059%
4	3.910	153	157	162	rBV3	7356	10698	0.42%	0.046%
5	4.028	173	177	181	rVB5	4584	7372	0.29%	0.032%
6	6.816	645	651	662	rBV	118574	187637	7.38%	0.807%
7	6.981	671	679	690	rBV	289230	453423	17.84%	1.951%
8	7.175	705	712	720	rBV	371026	574983	22.62%	2.474%
9	7.257	722	726	737	rBV	14993	28919	1.14%	0.124%
10	7.640	783	791	797	rBV	396020	605913	23.84%	2.607%
11	8.340	904	910	920	rBV	281008	441827	17.38%	1.901%
12	8.428	923	925	931	rVB5	2259	3601	0.14%	0.015%
13	8.781	978	985	993	rBV	378214	598701	23.55%	2.576%
14	9.257	1063	1066	1073	rVB4	3554	4866	0.19%	0.021%
15	9.498	1100	1107	1116	rBV	311550	494698	19.46%	2.129%
16	9.687	1133	1139	1144	rBV2	29779	49305	1.94%	0.212%
17	9.734	1145	1147	1154	rVB5	3822	5522	0.22%	0.024%
18	9.934	1175	1181	1186	rBV3	4886	8231	0.32%	0.035%
19	10.034	1191	1198	1210	rBV	498062	808804	31.82%	3.480%
20	10.216	1223	1229	1230	rBV4	2449	3835	0.15%	0.017%
21	10.316	1242	1246	1252	rVB5	7675	12904	0.51%	0.056%
22	10.410	1255	1262	1269	rVV	472123	754060	29.66%	3.245%
23	10.545	1279	1285	1291	rBV	28159	46596	1.83%	0.201%
24	10.716	1308	1314	1315	rBV4	2572	3899	0.15%	0.017%
25	10.916	1343	1348	1352	rBV4	4068	7049	0.28%	0.030%
26	10.975	1352	1358	1361	rVV4	1916	3378	0.13%	0.015%
27	11.028	1362	1367	1370	rBV4	4225	6230	0.25%	0.027%
28	11.222	1393	1400	1402	rBV5	3149	5441	0.21%	0.023%
29	11.263	1402	1407	1412	rVB2	13337	22232	0.87%	0.096%
30	11.375	1420	1426	1428	rBV5	2211	3257	0.13%	0.014%
31	11.422	1428	1434	1442	rVB	34780	61158	2.41%	0.263%
32	11.504	1442	1448	1453	rBV5	2923	6601	0.26%	0.028%
33	11.586	1456	1462	1463	rVV6	4539	7948	0.31%	0.034%
34	11.610	1463	1466	1471	rVB3	8609	13297	0.52%	0.057%

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35	11.757	1481	1491	1496	rBV4	11364	23474	0.92%	0.101%
36	11.933	1515	1521	1522	rBV4	3118	3788	0.15%	0.016%
37	12.004	1529	1533	1538	rVB3	7127	11106	0.44%	0.048%
38	12.186	1559	1564	1567	rVV4	2418	4248	0.17%	0.018%
39	12.369	1591	1595	1598	rVB3	2495	3866	0.15%	0.017%
40	12.422	1598	1604	1609	rBV3	12829	19916	0.78%	0.086%
41	12.510	1612	1619	1621	rVV5	1919	3972	0.16%	0.017%
42	12.545	1621	1625	1629	rVV5	7445	12783	0.50%	0.055%
43	12.633	1635	1640	1648	rVV3	7876	15306	0.60%	0.066%
44	12.716	1650	1654	1660	rVB3	15064	22377	0.88%	0.096%
45	12.892	1679	1684	1690	rBV5	7949	12484	0.49%	0.054%
46	12.980	1692	1699	1702	rBV6	2573	4522	0.18%	0.019%
47	13.151	1725	1728	1731	rBV3	2740	3548	0.14%	0.015%
48	13.192	1731	1735	1739	rVV4	6201	7904	0.31%	0.034%
49	13.233	1739	1742	1748	rVB5	2534	3192	0.13%	0.014%
50	13.516	1785	1790	1795	rBV	55259	83391	3.28%	0.359%
51	13.574	1795	1800	1804	rVV4	14327	26461	1.04%	0.114%
52	13.610	1804	1806	1813	rVV7	4120	7110	0.28%	0.031%
53	13.686	1813	1819	1824	rVV	872664	1177342	46.32%	5.066%
54	13.733	1824	1827	1836	rVB	221317	283029	11.13%	1.218%
55	13.963	1859	1866	1876	rBV	886668	1313460	51.67%	5.652%
56	14.069	1881	1884	1890	rVB5	3485	5173	0.20%	0.022%
57	14.204	1901	1907	1912	rVB7	4506	8912	0.35%	0.038%
58	14.274	1912	1919	1927	rBV	682292	989662	38.93%	4.259%
59	14.469	1946	1952	1963	rVV	95948	154487	6.08%	0.665%
60	14.651	1979	1983	1986	rBV3	2222	3580	0.14%	0.015%
61	14.698	1986	1991	1995	rBV5	3881	5425	0.21%	0.023%
62	14.833	2009	2014	2015	rBV3	2882	4322	0.17%	0.019%
63	14.880	2017	2022	2026	rVV6	3168	6586	0.26%	0.028%
64	14.933	2028	2031	2036	rVB5	3081	4687	0.18%	0.020%
65	15.027	2042	2047	2053	rBV3	5288	9317	0.37%	0.040%
66	15.104	2056	2060	2066	rVV3	8181	11855	0.47%	0.051%
67	15.163	2066	2070	2073	rVB4	3422	4542	0.18%	0.020%
68	15.269	2082	2088	2095	rBV	1205173	1651591	64.97%	7.107%
69	15.321	2095	2097	2102	rVB4	5386	6240	0.25%	0.027%
70	15.386	2102	2108	2120	rBV	311124	429016	16.88%	1.846%
71	15.510	2123	2129	2133	rBV2	12877	18779	0.74%	0.081%

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72	15.598	2143	2144	2147	rVV3	3412	3499	0.14%	0.015%
73	15.651	2149	2153	2159	rVB3	4784	8588	0.34%	0.037%
74	15.845	2182	2186	2188	rBV3	2591	3660	0.14%	0.016%
75	16.021	2212	2216	2218	rBV5	3876	4000	0.16%	0.017%
76	16.051	2218	2221	2226	rVV7	5807	7968	0.31%	0.034%
77	16.280	2256	2260	2265	rVB6	8624	10824	0.43%	0.047%
78	16.439	2284	2287	2291	rBV5	3305	4229	0.17%	0.018%
79	16.533	2301	2303	2307	rVB4	4136	4693	0.18%	0.020%
80	16.645	2319	2322	2325	rBV4	5110	5786	0.23%	0.025%
81	16.698	2329	2331	2336	rVB5	3571	4096	0.16%	0.018%
82	16.792	2343	2347	2354	rVV6	15542	26572	1.05%	0.114%
83	16.904	2361	2366	2368	rVB6	4839	6497	0.26%	0.028%
84	17.015	2379	2385	2395	rBV	848520	1157381	45.53%	4.980%
85	17.115	2395	2402	2413	rBV	1377441	1888097	74.28%	8.125%
86	17.327	2432	2438	2442	rBV6	5397	12632	0.50%	0.054%
87	17.545	2471	2475	2478	rBV6	4058	5631	0.22%	0.024%
88	17.933	2537	2541	2548	rBV2	98569	136151	5.36%	0.586%
89	18.233	2589	2592	2599	rBV8	7642	12369	0.49%	0.053%
90	18.604	2650	2655	2658	rBV6	4585	10782	0.42%	0.046%
91	18.686	2666	2669	2670	rBV3	3524	3513	0.14%	0.015%
92	18.880	2697	2702	2703	rBV5	5481	7229	0.28%	0.031%
93	19.045	2725	2730	2734	rBV	18837	29997	1.18%	0.129%
94	19.221	2756	2760	2765	rBV7	26722	42147	1.66%	0.181%
95	19.298	2770	2773	2778	rVB	18410	23009	0.91%	0.099%
96	19.415	2787	2793	2799	rBV	1721077	2336284	91.91%	10.053%
97	20.945	3049	3053	3059	rBV	235275	308074	12.12%	1.326%
98	21.209	3093	3098	3103	rBV	1214966	1460786	57.47%	6.286%
99	23.268	3442	3448	3455	rVB	1454576	2541931	100.00%	10.938%
100	23.409	3466	3472	3480	rVB2	847626	1522797	59.91%	6.553%

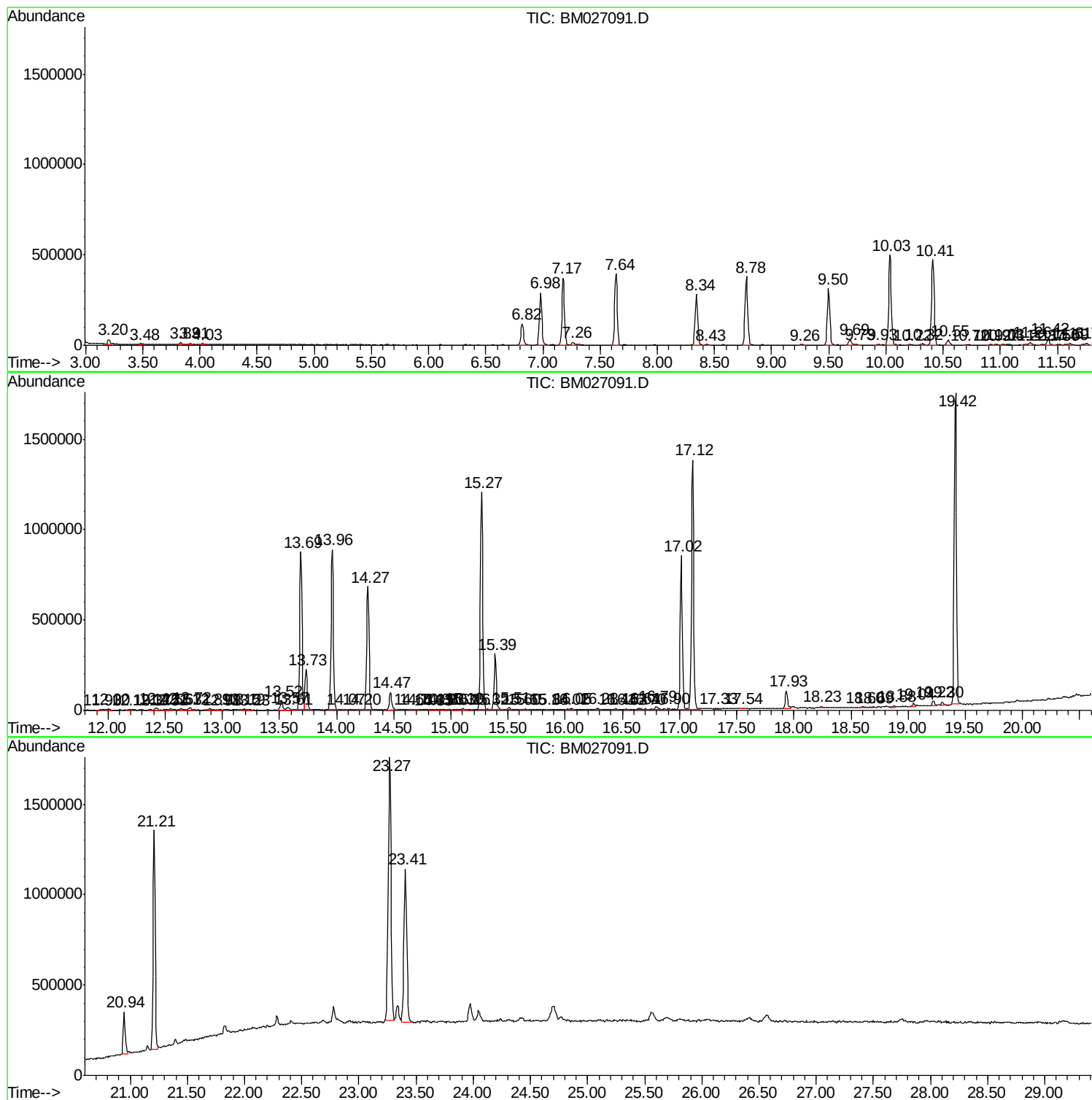
Sum of corrected areas: 23239305

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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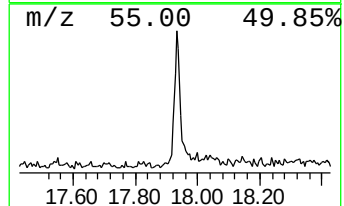
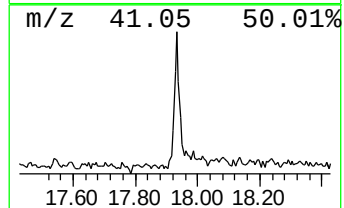
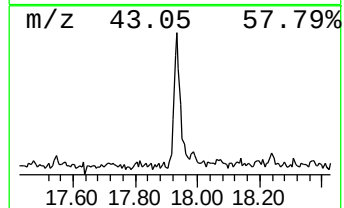
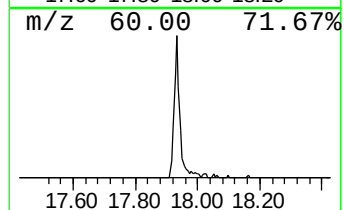
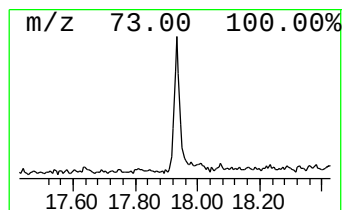
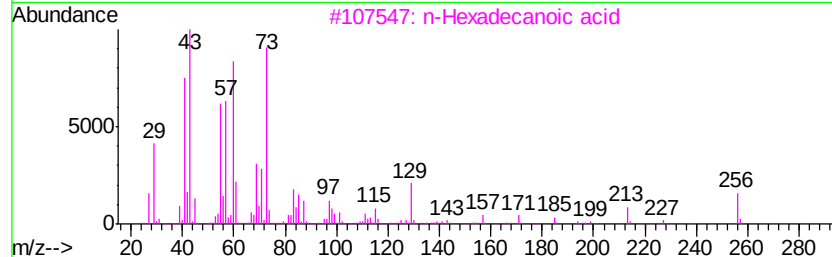
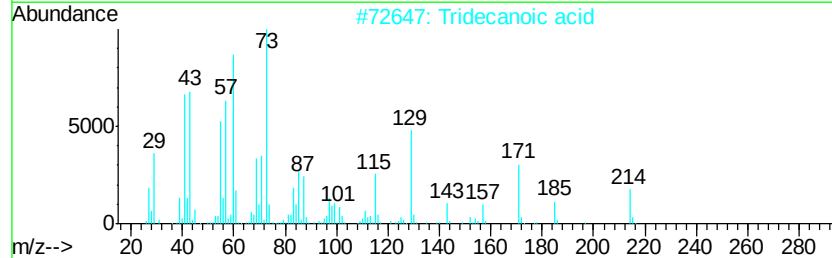
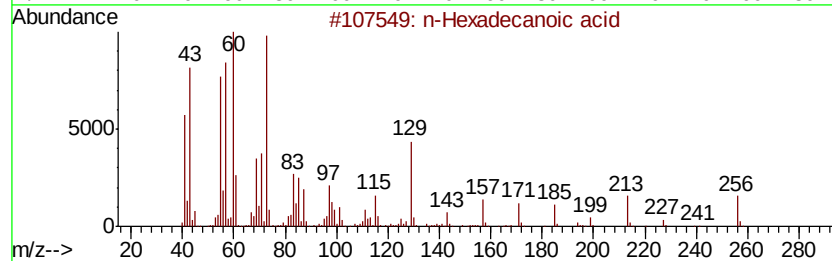
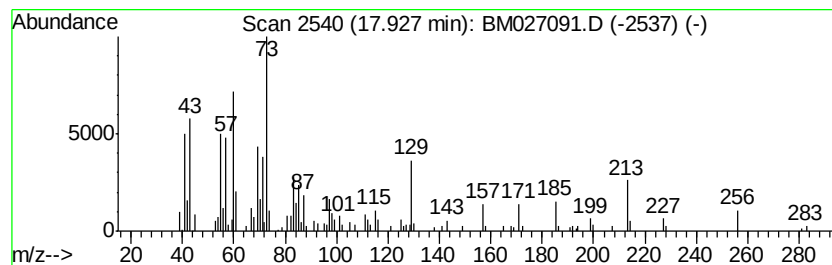
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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.	
17.93	2.35 ng/ul	136151	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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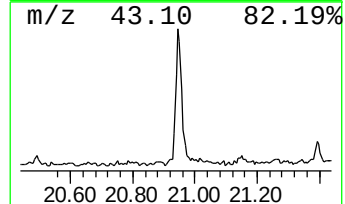
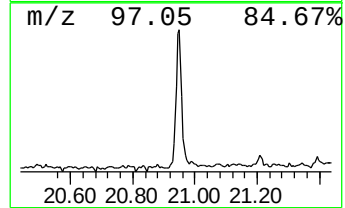
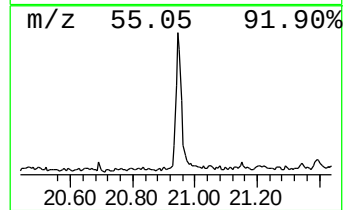
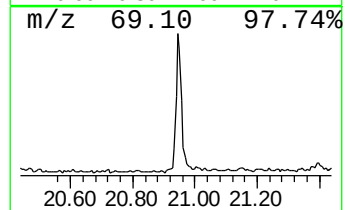
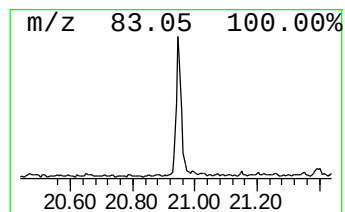
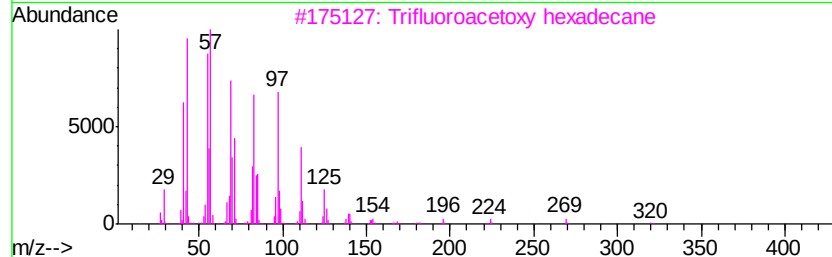
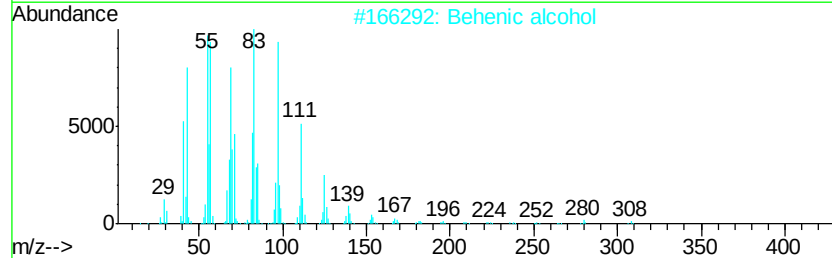
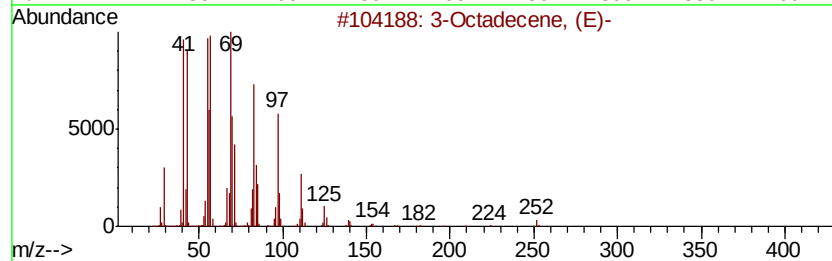
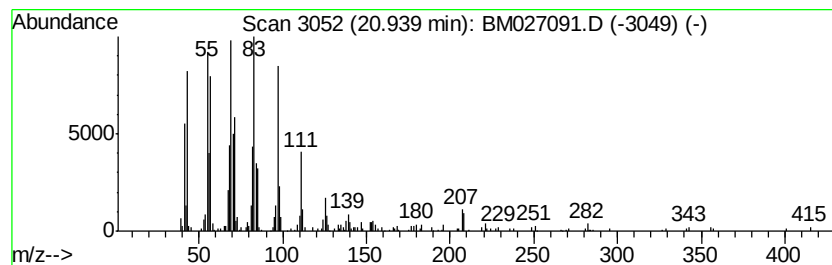
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.22 ng/ul	308074	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 95
2		Behenic alcohol	326 C22H46O	000661-19-8 92
3		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	2.4	ng/ul	136151	4	17.02	1157380	20.0
(DEL) Alkane: Str...	20.94	4.2	ng/ul	308074	5	21.21	1460790	20.0