

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024241.D
 Acq On : 10 Oct 2016 15:57
 Operator : UM/SJ
 Sample : H5080-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNB0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	4.283	245	246	250	rBV3	17552	15771	0.31%	0.029%
2	5.058	376	378	380	rVB3	12005	9729	0.19%	0.018%
3	5.146	391	393	396	rVB4	12101	10389	0.20%	0.019%
4	5.352	426	428	430	rBV3	12663	15940	0.31%	0.029%
5	5.517	453	456	458	rVB4	10590	8863	0.17%	0.016%
6	5.846	509	512	513	rBV3	8065	8581	0.17%	0.016%
7	5.987	533	536	539	rVB5	8149	8424	0.16%	0.016%
8	6.627	643	645	649	rVB5	8812	9267	0.18%	0.017%
9	6.668	649	652	655	rBV4	7946	12282	0.24%	0.023%
10	6.979	702	705	707	rVB4	8875	10571	0.20%	0.020%
11	7.003	707	709	711	rBV3	12708	10005	0.19%	0.019%
12	7.356	767	769	773	rBV4	13826	18475	0.36%	0.034%
13	7.426	773	781	790	rBV	643136	1210303	23.45%	2.239%
14	7.608	805	812	819	rBV	449861	771322	14.94%	1.427%
15	7.679	823	824	826	rBV	11264	9730	0.19%	0.018%
16	7.779	838	841	842	rBV3	9777	8891	0.17%	0.016%
17	7.820	842	848	857	rVB	582558	1075032	20.83%	1.989%
18	8.061	886	889	891	rBV3	10817	13283	0.26%	0.025%
19	8.084	891	893	897	rVB4	9228	9856	0.19%	0.018%
20	8.172	907	908	911	rBV2	10008	8973	0.17%	0.017%
21	8.296	921	929	939	rBV	533129	924394	17.91%	1.710%
22	8.666	987	992	993	rVB5	8461	13355	0.26%	0.025%
23	8.725	1001	1002	1005	rVB3	11513	9551	0.19%	0.018%
24	8.754	1005	1007	1008	rBV2	10381	8527	0.17%	0.016%
25	8.983	1038	1046	1055	rVB	821558	1455189	28.19%	2.692%
26	9.471	1121	1129	1137	rBV	637668	1170739	22.68%	2.166%
27	9.576	1145	1147	1151	rVB5	9696	10941	0.21%	0.020%
28	9.823	1186	1189	1194	rVB6	16290	21893	0.42%	0.041%
29	9.870	1194	1197	1202	rVB7	7545	12461	0.24%	0.023%
30	10.193	1245	1252	1261	rBV2	537472	996064	19.30%	1.843%
31	10.287	1266	1268	1272	rBV4	10170	9120	0.18%	0.017%
32	10.428	1290	1292	1295	rVB4	8102	8796	0.17%	0.016%
33	10.534	1309	1310	1314	rVB2	15639	10974	0.21%	0.020%
34	10.593	1317	1320	1322	rVB4	7958	9460	0.18%	0.018%

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35	10.728	1335	1343	1350	rBV	837940	1503965	29.14%	2.783%
36	11.039	1395	1396	1400	rBV4	7617	9107	0.18%	0.017%
37	11.128	1400	1411	1418	rVV	715374	1345163	26.06%	2.489%
38	11.251	1425	1432	1441	rBV	788328	1512856	29.31%	2.799%
39	11.351	1445	1449	1453	rVB5	6311	10060	0.19%	0.019%
40	11.439	1462	1464	1467	rBV4	9106	11716	0.23%	0.022%
41	11.574	1485	1487	1491	rVB4	6742	10075	0.20%	0.019%
42	11.621	1491	1495	1496	rBV3	11031	15416	0.30%	0.029%
43	11.639	1496	1498	1502	rVB5	6170	8730	0.17%	0.016%
44	12.021	1560	1563	1566	rVB5	7641	9548	0.18%	0.018%
45	12.091	1573	1575	1578	rBV3	8778	8935	0.17%	0.017%
46	12.244	1597	1601	1604	rBV4	8568	12913	0.25%	0.024%
47	12.297	1607	1610	1614	rBV5	9175	14116	0.27%	0.026%
48	12.455	1634	1637	1639	rBV3	7091	9925	0.19%	0.018%
49	12.661	1669	1672	1673	rBV3	9840	11020	0.21%	0.020%
50	12.685	1673	1676	1681	rVV6	26069	40770	0.79%	0.075%
51	12.726	1681	1683	1686	rVB4	9629	8935	0.17%	0.017%
52	12.820	1695	1699	1701	rBV4	7114	9135	0.18%	0.017%
53	13.507	1812	1816	1819	rBV6	15750	24948	0.48%	0.046%
54	13.566	1822	1826	1830	rVV6	6945	11489	0.22%	0.021%
55	13.607	1830	1833	1834	rVB3	10383	10474	0.20%	0.019%
56	13.777	1857	1862	1867	rBV7	20389	34434	0.67%	0.064%
57	13.848	1872	1874	1877	rBV3	13478	13325	0.26%	0.025%
58	13.977	1891	1896	1899	rVV7	8813	15702	0.30%	0.029%
59	14.136	1918	1923	1925	rBV5	6940	8392	0.16%	0.016%
60	14.165	1925	1928	1931	rVB5	9470	9843	0.19%	0.018%
61	14.200	1931	1934	1936	rBV4	9480	8421	0.16%	0.016%
62	14.306	1942	1952	1956	rBV	1762762	2680423	51.93%	4.959%
63	14.353	1956	1960	1966	rVB	1386899	2006156	38.87%	3.712%
64	14.606	1996	2003	2013	rBV	1620978	2784920	53.96%	5.153%
65	14.700	2017	2019	2022	rVB4	9836	10395	0.20%	0.019%
66	14.729	2022	2024	2026	rBV3	15089	10070	0.20%	0.019%
67	14.759	2027	2029	2031	rBV3	14981	16216	0.31%	0.030%
68	14.911	2048	2055	2062	rBV	1317940	2061100	39.93%	3.814%
69	15.070	2075	2082	2089	rBV2	992205	1555321	30.13%	2.878%
70	15.276	2113	2117	2123	rBV8	14726	21467	0.42%	0.040%
71	15.522	2157	2159	2162	rBV4	9271	8401	0.16%	0.016%

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72	15.628	2175	2177	2180	rVB4	11711	9647	0.19%	0.018%
73	15.669	2182	2184	2188	rVV4	17654	22137	0.43%	0.041%
74	15.716	2188	2192	2197	rVB2	70179	94753	1.84%	0.175%
75	15.822	2207	2210	2212	rBV3	9304	10329	0.20%	0.019%
76	15.898	2216	2223	2231	rVB	2419598	3833704	74.28%	7.093%
77	15.998	2234	2240	2248	rVV	880876	1368003	26.50%	2.531%
78	16.133	2255	2263	2266	rBV8	41159	98484	1.91%	0.182%
79	16.216	2274	2277	2281	rVB6	14899	22871	0.44%	0.042%
80	16.269	2281	2286	2290	rBV7	18903	28489	0.55%	0.053%
81	16.339	2293	2298	2299	rBV5	17267	15633	0.30%	0.029%
82	16.574	2333	2338	2346	rBV	100852	197610	3.83%	0.366%
83	17.009	2408	2412	2413	rBV4	21591	21835	0.42%	0.040%
84	17.367	2469	2473	2479	rBV3	68591	105647	2.05%	0.195%
85	17.420	2479	2482	2486	rBV5	20910	31738	0.61%	0.059%
86	17.649	2514	2521	2529	rBV2	1631498	2666313	51.66%	4.933%
87	17.749	2531	2538	2547	rVV	2754703	4431805	85.86%	8.200%
88	17.996	2576	2580	2587	rBV8	39055	75635	1.47%	0.140%
89	18.108	2596	2599	2604	rVB6	19570	27186	0.53%	0.050%
90	18.208	2614	2616	2617	rBV2	17553	11463	0.22%	0.021%
91	18.313	2631	2634	2635	rBV3	12151	11346	0.22%	0.021%
92	18.343	2637	2639	2640	rBV2	12977	9973	0.19%	0.018%
93	18.372	2643	2644	2647	rVV3	21898	15475	0.30%	0.029%
94	18.495	2661	2665	2677	rBV2	409592	634730	12.30%	1.174%
95	19.753	2876	2879	2885	rBV4	159099	203239	3.94%	0.376%
96	20.017	2918	2924	2930	rBV2	3425585	5161426	100.00%	9.550%
97	21.539	3180	3183	3188	rVB3	301935	413891	8.02%	0.766%
98	21.950	3247	3253	3265	rVB	1741638	3089423	59.86%	5.716%
99	25.170	3792	3801	3811	rVB	1612086	4806134	93.12%	8.892%
100	25.411	3835	3842	3854	rVB3	979791	2877328	55.75%	5.324%

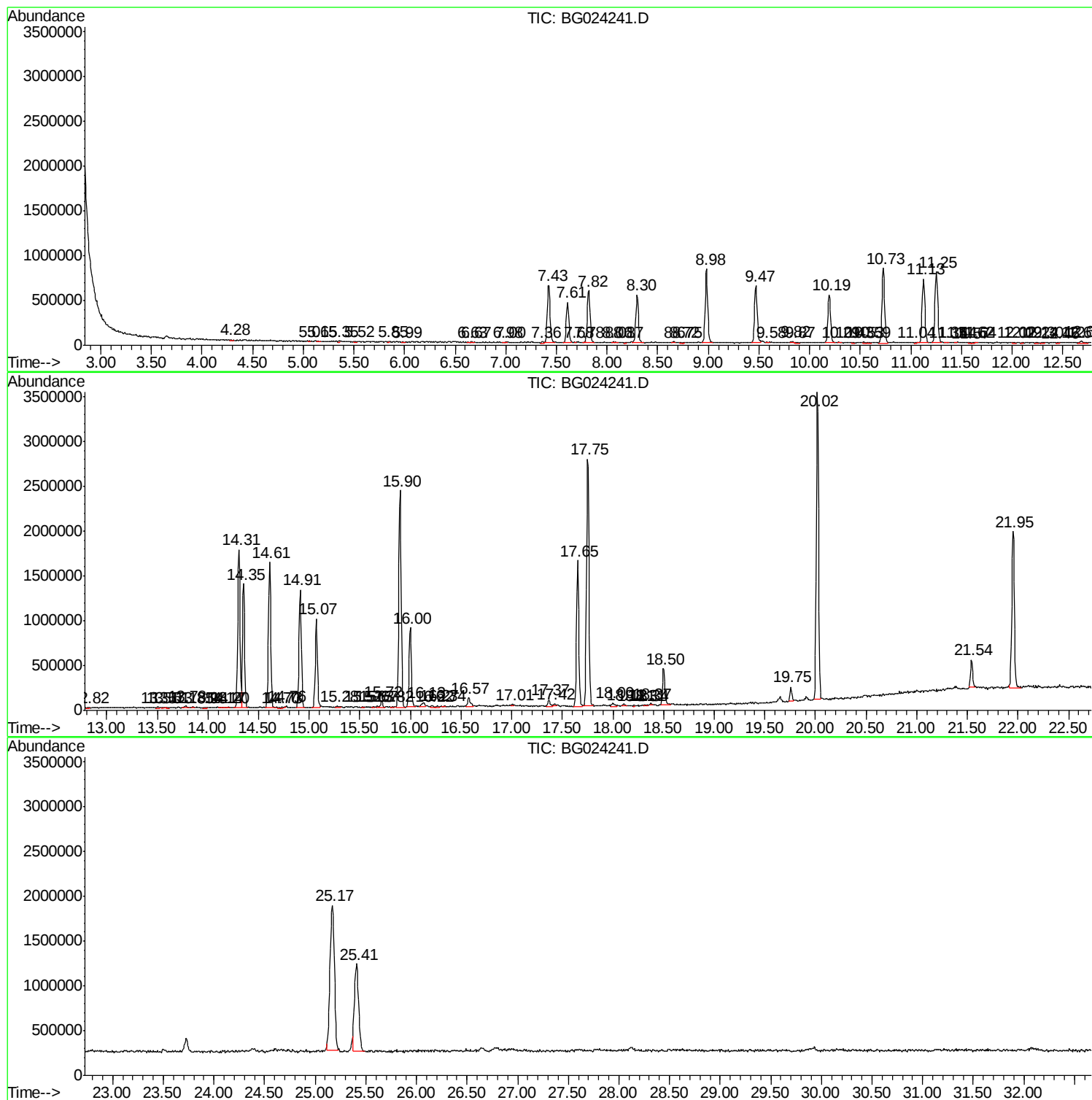
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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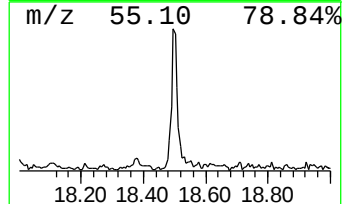
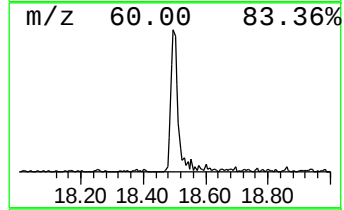
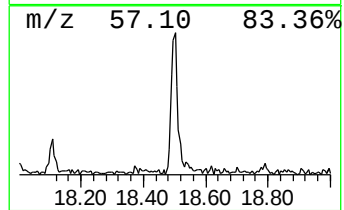
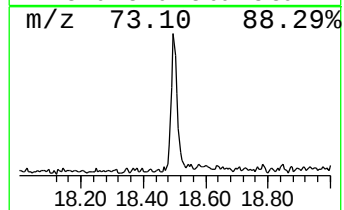
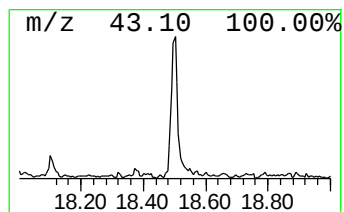
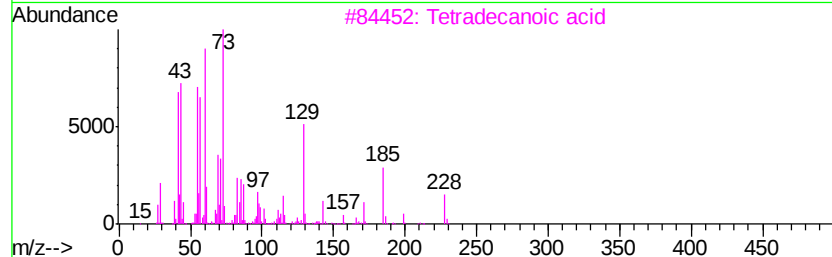
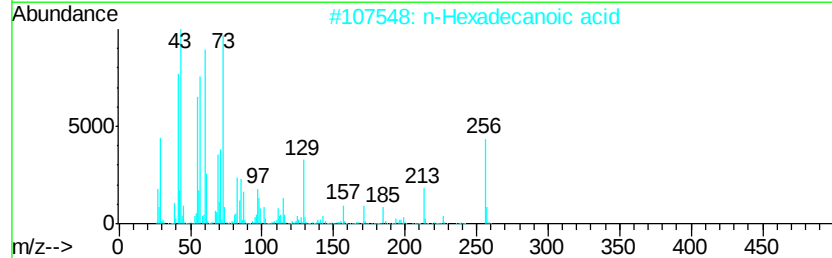
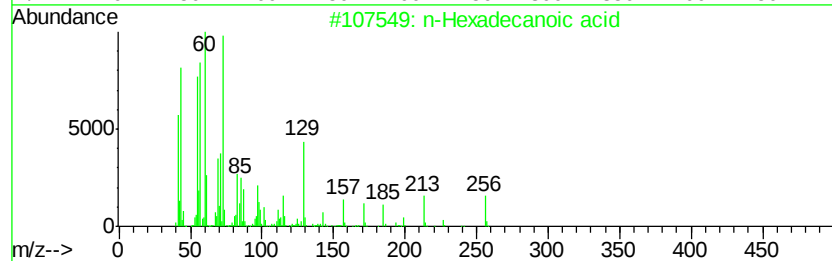
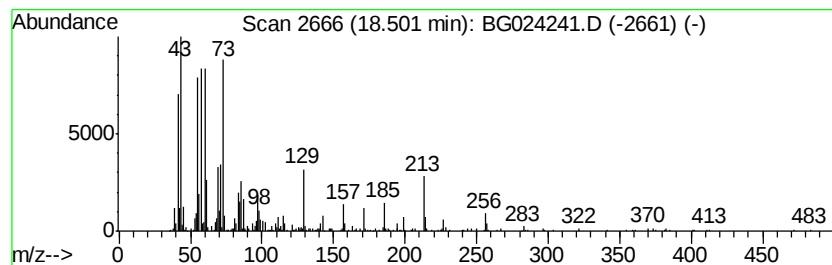
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.76 ng/ul	634730	Phenanthrene-d10	17.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89	



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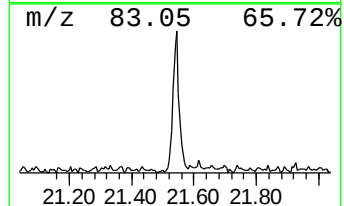
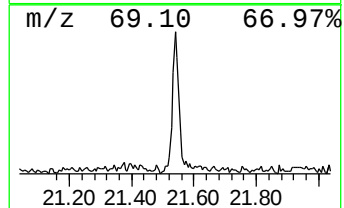
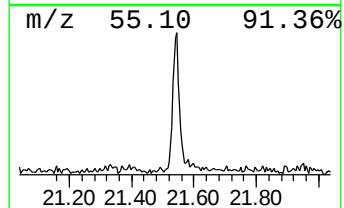
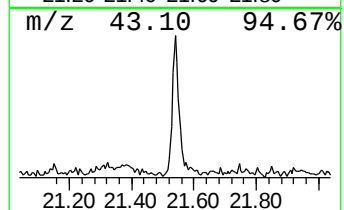
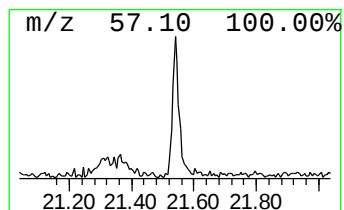
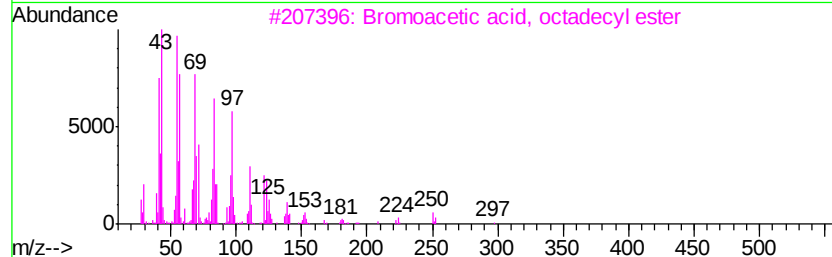
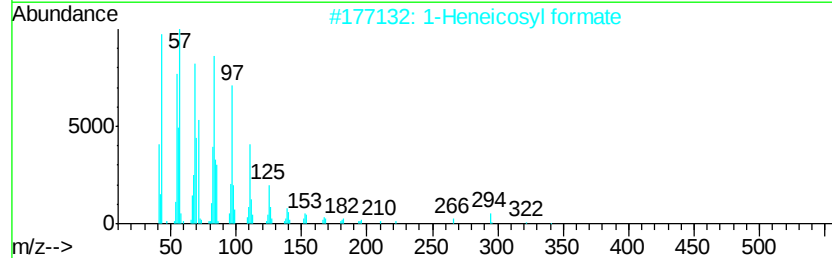
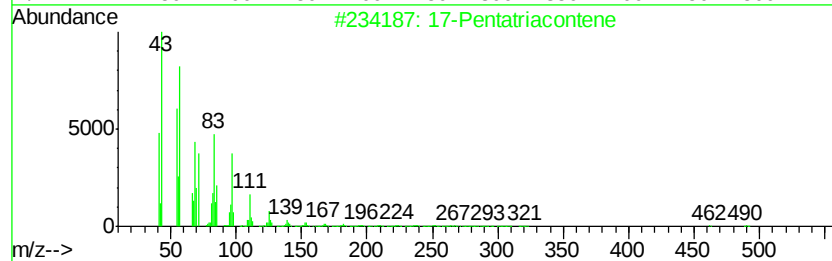
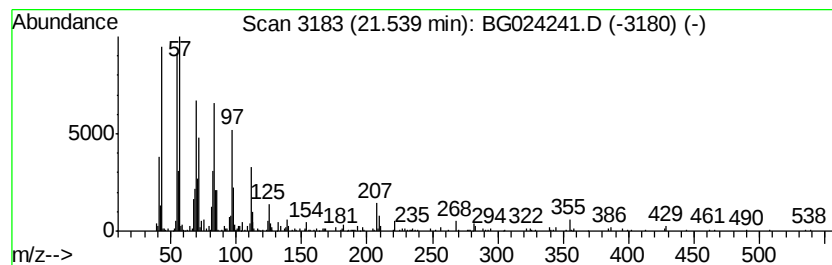
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Branched21.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.68 ng/ul	413891	Chrysene-d12	21.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7 90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5 90
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6 90
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4 89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.50	4.8	ng/ul	634730	4	17.65	2666310	20.0
(DEL) Alkane: Bra...	21.54	2.7	ng/ul	413891	5	21.95	3089420	20.0