

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
 Data File : BG024205.D
 Acq On : 6 Oct 2016 18:58
 Operator : UM/SJ
 Sample : H5080-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNA7

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:\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	3.655	136	139	143	rBV4	31323	43444	0.81%	0.076%
2	3.731	150	152	153	rBV2	14361	9642	0.18%	0.017%
3	3.931	183	186	189	rBV2	59507	77188	1.43%	0.135%
4	4.060	204	208	209	rBV4	13560	18691	0.35%	0.033%
5	4.330	252	254	256	rBV3	13678	8863	0.16%	0.016%
6	4.372	259	261	264	rBV4	9977	13859	0.26%	0.024%
7	4.554	290	292	294	rVB3	13196	10138	0.19%	0.018%
8	6.128	558	560	563	rBV4	10340	10208	0.19%	0.018%
9	6.181	566	569	572	rBV5	9673	16455	0.31%	0.029%
10	6.234	574	578	580	rVB4	7121	8807	0.16%	0.015%
11	6.358	595	599	601	rBV4	9244	10490	0.20%	0.018%
12	6.499	621	623	626	rVB4	10919	8633	0.16%	0.015%
13	6.587	633	638	639	rBV5	11732	17105	0.32%	0.030%
14	6.698	655	657	661	rVB5	8783	10094	0.19%	0.018%
15	6.739	661	664	667	rBV5	5443	8580	0.16%	0.015%
16	6.998	707	708	714	rVB3	10607	12982	0.24%	0.023%
17	7.051	714	717	719	rBV4	10001	12702	0.24%	0.022%
18	7.145	730	733	737	rBV5	11475	20046	0.37%	0.035%
19	7.227	743	747	749	rBV5	20242	33448	0.62%	0.059%
20	7.262	751	753	760	rVB7	13522	20690	0.38%	0.036%
21	7.427	774	781	792	rBV	767674	1467125	27.28%	2.571%
22	7.615	806	813	824	rBV	549058	962474	17.89%	1.687%
23	7.826	839	849	857	rBV	698926	1305150	24.26%	2.287%
24	8.061	887	889	891	rBV3	8507	10784	0.20%	0.019%
25	8.114	897	898	900	rBV2	11251	8681	0.16%	0.015%
26	8.302	923	930	938	rBV	642112	1201154	22.33%	2.105%
27	8.990	1038	1047	1054	rBV	949508	1744953	32.44%	3.058%
28	9.195	1079	1082	1083	rBV3	9117	9200	0.17%	0.016%
29	9.372	1109	1112	1113	rVB3	9194	8651	0.16%	0.015%
30	9.430	1119	1122	1123	rBV2	9685	9509	0.18%	0.017%
31	9.472	1123	1129	1136	rVV	718771	1368166	25.44%	2.398%
32	9.536	1136	1140	1146	rVB5	39815	70679	1.31%	0.124%
33	9.677	1163	1164	1167	rBV3	9817	8767	0.16%	0.015%
34	9.789	1181	1183	1187	rVB5	9801	10392	0.19%	0.018%

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35	9.830	1187	1190	1192	rBV4	14004	17422	0.32%	0.031%
36	9.983	1213	1216	1217	rBV3	7128	8553	0.16%	0.015%
37	10.124	1239	1240	1244	rBV4	5690	8515	0.16%	0.015%
38	10.200	1244	1253	1261	rVV2	649808	1191646	22.15%	2.088%
39	10.259	1261	1263	1267	rVV6	8251	11770	0.22%	0.021%
40	10.312	1270	1272	1275	rVB4	10347	8495	0.16%	0.015%
41	10.382	1280	1284	1288	rBV6	16040	30367	0.56%	0.053%
42	10.735	1335	1344	1351	rBV	981840	1772177	32.95%	3.106%
43	10.882	1366	1369	1376	rVB8	12728	24927	0.46%	0.044%
44	11.128	1404	1411	1418	rBV	901919	1693349	31.48%	2.968%
45	11.258	1424	1433	1443	rBV	939469	1826891	33.96%	3.202%
46	11.328	1443	1445	1447	rVB3	10220	9427	0.18%	0.017%
47	11.358	1447	1450	1453	rBV4	9012	9978	0.19%	0.017%
48	11.546	1478	1482	1485	rBV3	9795	19320	0.36%	0.034%
49	11.863	1533	1536	1542	rBV6	13384	23119	0.43%	0.041%
50	12.098	1575	1576	1579	rBV2	10366	9142	0.17%	0.016%
51	12.597	1656	1661	1662	rVB5	7072	9437	0.18%	0.017%
52	12.621	1662	1665	1668	rVB5	7476	8661	0.16%	0.015%
53	12.691	1671	1677	1680	rBV7	22011	39809	0.74%	0.070%
54	12.885	1708	1710	1712	rVV3	10612	9092	0.17%	0.016%
55	12.903	1712	1713	1717	rVB3	8966	8988	0.17%	0.016%
56	13.255	1771	1773	1774	rBV2	9489	9776	0.18%	0.017%
57	13.273	1774	1776	1781	rVB5	20650	27284	0.51%	0.048%
58	13.520	1815	1818	1824	rVB8	20442	31367	0.58%	0.055%
59	13.578	1824	1828	1831	rBV4	9192	13329	0.25%	0.023%
60	13.702	1847	1849	1851	rBV3	10485	9912	0.18%	0.017%
61	13.761	1855	1859	1860	rVV4	10696	12380	0.23%	0.022%
62	13.784	1860	1863	1869	rVB7	30035	44235	0.82%	0.078%
63	14.025	1900	1904	1905	rVB3	7704	8784	0.16%	0.015%
64	14.078	1909	1913	1915	rVB5	6231	8710	0.16%	0.015%
65	14.313	1945	1953	1957	rBV	2032138	3025779	56.25%	5.303%
66	14.360	1957	1961	1967	rVV	1048572	1523762	28.33%	2.670%
67	14.419	1967	1971	1976	rVB7	17633	27912	0.52%	0.049%
68	14.613	1997	2004	2011	rBV	1889559	3136604	58.31%	5.497%
69	14.777	2026	2032	2037	rBV7	25880	46092	0.86%	0.081%
70	14.912	2048	2055	2063	rVB	1587358	2537696	47.18%	4.447%
71	14.994	2067	2069	2073	rVB3	10170	9034	0.17%	0.016%

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72	15.077	2076	2083	2091	rBV	1031319	1644216	30.57%	2.882%
73	15.394	2131	2137	2141	rBV8	16311	33527	0.62%	0.059%
74	15.453	2146	2147	2151	rBV4	12122	13951	0.26%	0.024%
75	15.506	2154	2156	2157	rBV2	9304	9277	0.17%	0.016%
76	15.629	2176	2177	2181	rBV4	9329	9367	0.17%	0.016%
77	15.676	2183	2185	2189	rVV4	23765	35193	0.65%	0.062%
78	15.723	2189	2193	2197	rVV3	66044	88159	1.64%	0.155%
79	15.899	2215	2223	2231	rBV	2714087	4336590	80.62%	7.600%
80	15.999	2234	2240	2248	rBV	876711	1390438	25.85%	2.437%
81	16.134	2261	2263	2269	rVB7	53366	75786	1.41%	0.133%
82	16.275	2283	2287	2289	rBV6	11705	14323	0.27%	0.025%
83	16.340	2296	2298	2301	rBV4	18336	21065	0.39%	0.037%
84	16.399	2305	2308	2309	rBV3	11070	11366	0.21%	0.020%
85	16.581	2335	2339	2348	rBV	78512	140993	2.62%	0.247%
86	16.763	2365	2370	2371	rBV5	23495	25959	0.48%	0.045%
87	16.833	2380	2382	2384	rBV3	15068	11944	0.22%	0.021%
88	16.922	2395	2397	2400	rBV3	18823	19053	0.35%	0.033%
89	17.374	2470	2474	2479	rVB2	82522	99872	1.86%	0.175%
90	17.433	2479	2484	2487	rBV7	33114	55261	1.03%	0.097%
91	17.656	2515	2522	2528	rBV	2078916	3161096	58.77%	5.540%
92	17.756	2532	2539	2550	rVB	3011733	4854094	90.24%	8.507%
93	17.909	2563	2565	2568	rBV4	16589	16540	0.31%	0.029%
94	18.114	2596	2600	2605	rVB4	70410	92525	1.72%	0.162%
95	18.502	2662	2666	2672	rBV2	344943	490333	9.12%	0.859%
96	19.759	2877	2880	2885	rBV3	208144	279317	5.19%	0.490%
97	20.024	2919	2925	2931	rVB	3542502	5378964	100.00%	9.427%
98	21.546	3180	3184	3189	rVB3	433282	581912	10.82%	1.020%
99	21.957	3248	3254	3265	rVB	2037396	3605869	67.04%	6.319%
100	25.177	3793	3802	3812	rVB	1586467	4791010	89.07%	8.397%

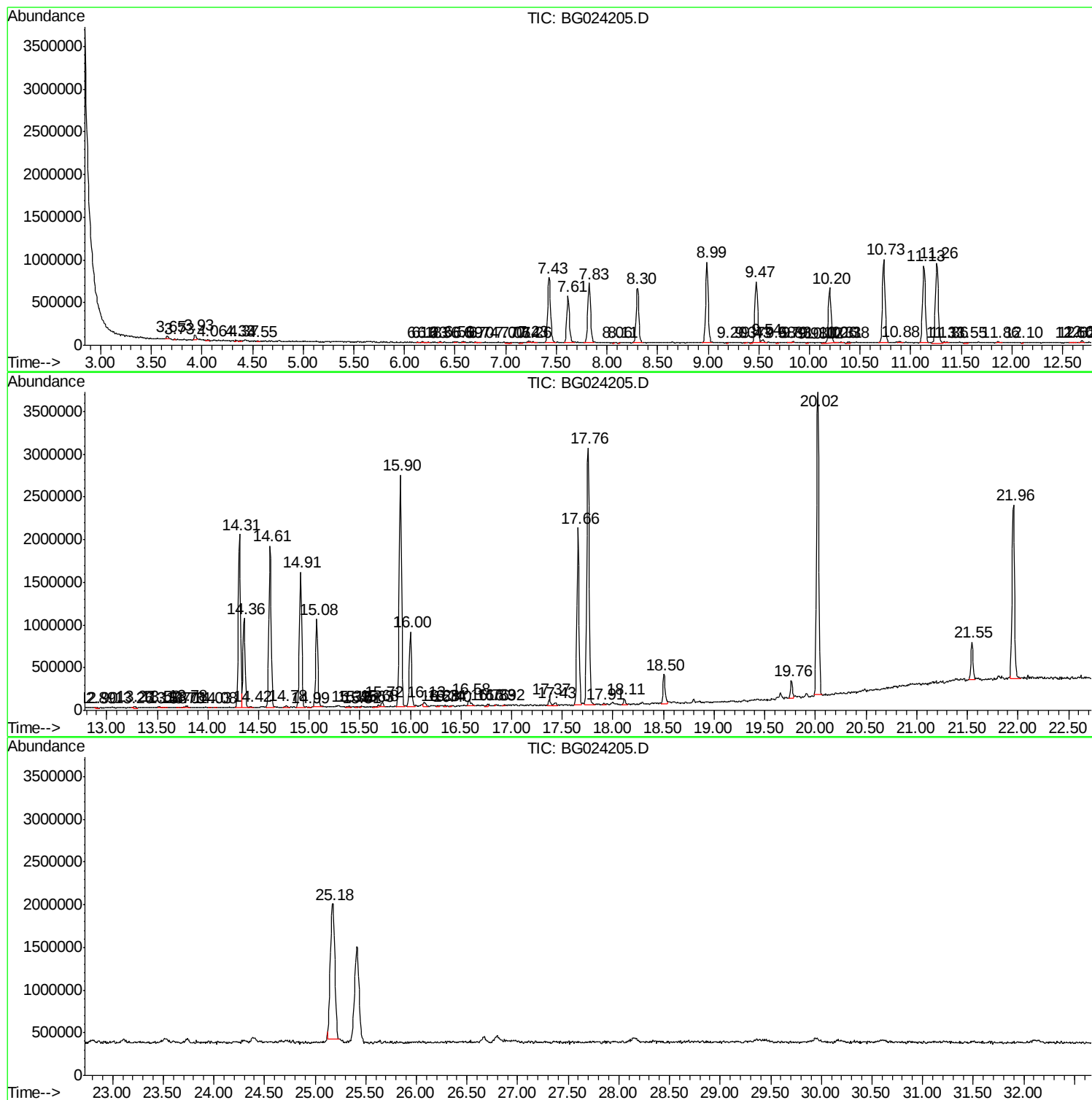
Sum of corrected areas: 57059491

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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



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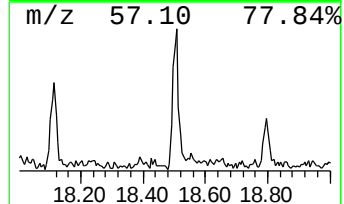
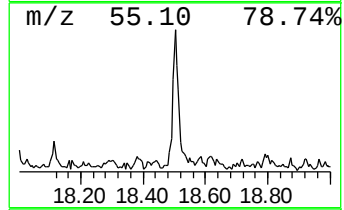
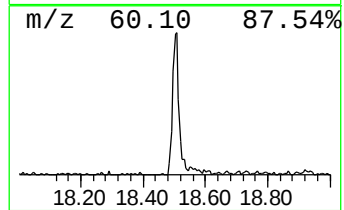
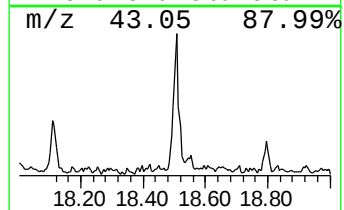
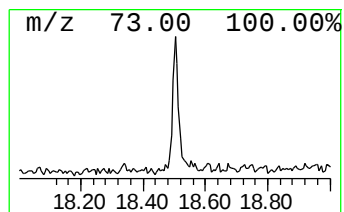
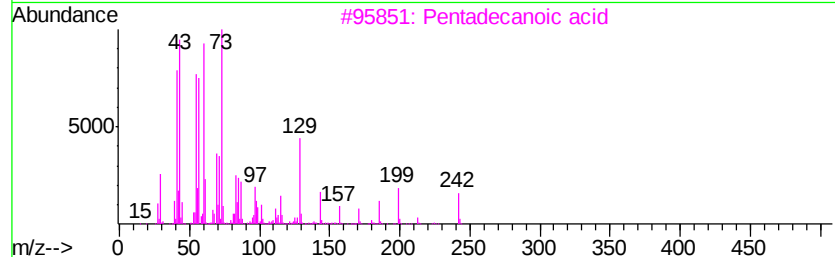
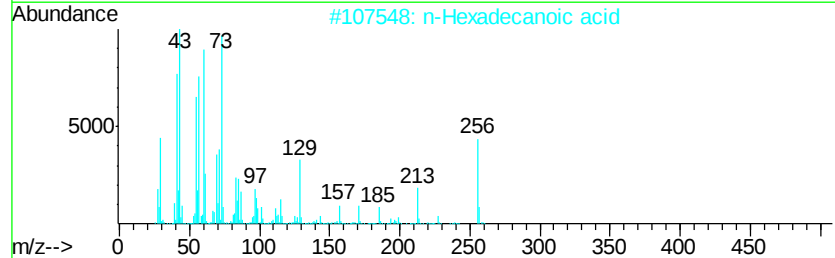
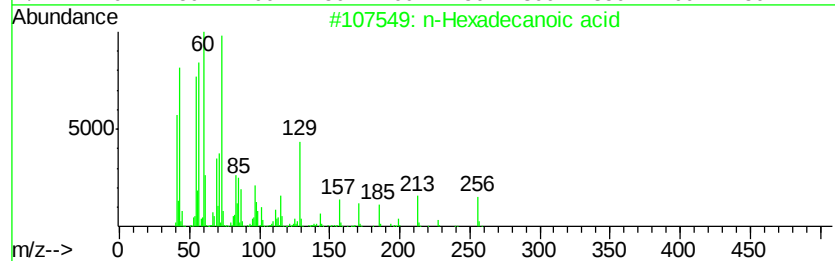
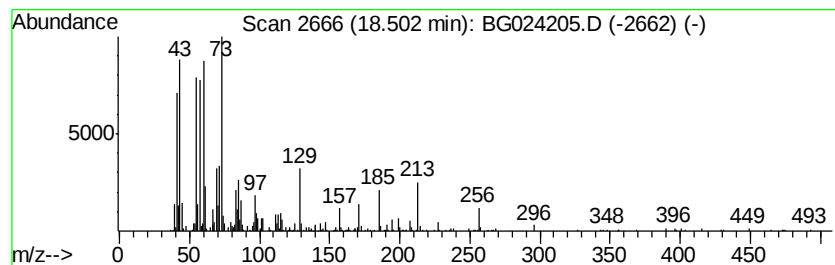
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.		
18.50	3.10 ng/ul	490333	Phenanthrene-d10	17.66		
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	81	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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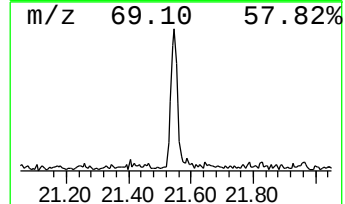
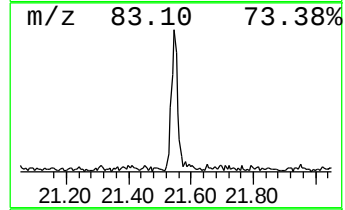
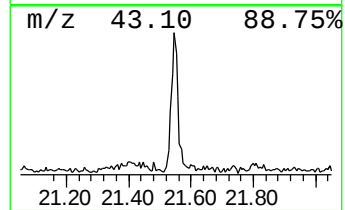
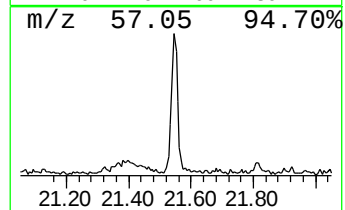
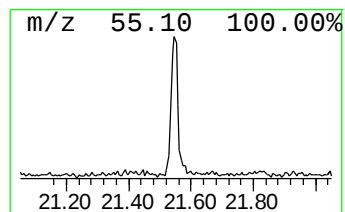
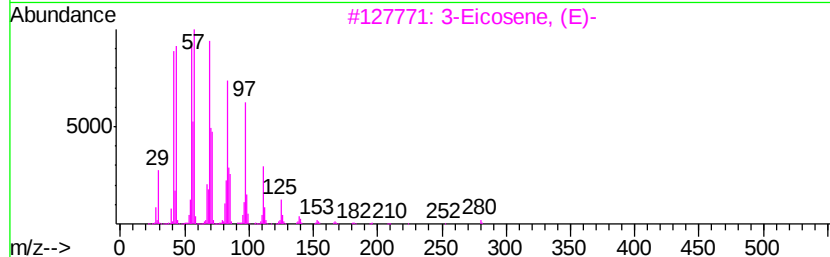
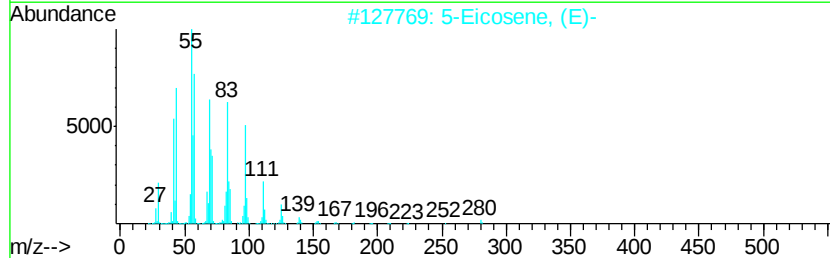
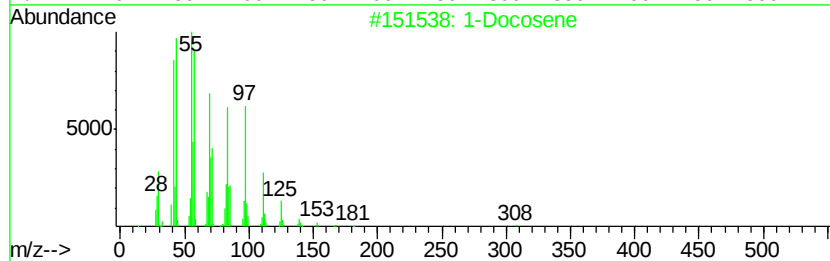
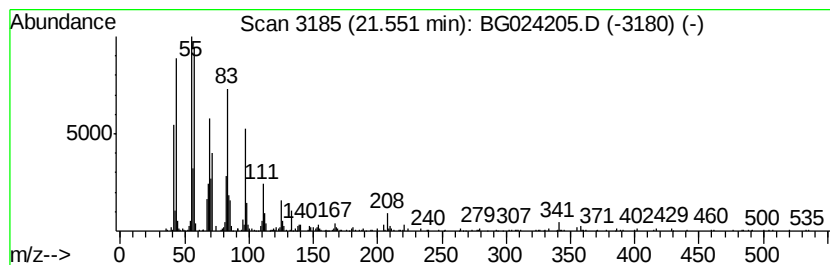
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	3.23 ng/ul	581912	Chrysene-d12	21.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5		Behenic alcohol	326	C22H46O	000661-19-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.50	3.1	ng/ul	490333	4	17.66	3161100	20.0
(DEL) Alkane: Cyc...	21.55	3.2	ng/ul	581912	5	21.96	3605870	20.0