

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024409.D
 Acq On : 18 Oct 2016 7:50
 Operator : UM/SJ
 Sample : H5223-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNH6

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	3.644	133	137	142	rVB4	30822	45204	0.98%	0.078%
2	3.879	174	177	181	rVB6	12085	15652	0.34%	0.027%
3	4.420	264	269	273	rBV8	14222	26378	0.57%	0.046%
4	4.907	348	352	354	rBV5	9281	13780	0.30%	0.024%
5	5.465	440	447	456	rBV9	10890	23593	0.51%	0.041%
6	5.565	461	464	468	rVB5	13919	13967	0.30%	0.024%
7	6.094	551	554	559	rBV7	8247	14587	0.32%	0.025%
8	6.329	590	594	597	rBV5	17399	21345	0.46%	0.037%
9	6.476	614	619	622	rBV5	8525	17546	0.38%	0.030%
10	7.146	730	733	740	rVB9	9813	20261	0.44%	0.035%
11	7.205	740	743	747	rBV6	9523	18553	0.40%	0.032%
12	7.281	751	756	760	rVB7	10421	14880	0.32%	0.026%
13	7.410	769	778	790	rBV	610128	1127040	24.47%	1.954%
14	7.598	802	810	819	rBV	427333	732414	15.90%	1.270%
15	7.810	837	846	854	rVV	532406	983587	21.36%	1.706%
16	7.951	868	870	876	rVB7	9288	14581	0.32%	0.025%
17	8.168	901	907	909	rBV7	7994	14825	0.32%	0.026%
18	8.286	918	927	937	rBV	703841	1308186	28.41%	2.268%
19	8.967	1036	1043	1055	rBV	737376	1353264	29.38%	2.347%
20	9.314	1099	1102	1106	rVB6	11613	13002	0.28%	0.023%
21	9.373	1106	1112	1115	rBV5	10506	16175	0.35%	0.028%
22	9.455	1115	1126	1133	rVV	570743	1096613	23.81%	1.902%
23	9.508	1133	1135	1142	rVB5	24580	36488	0.79%	0.063%
24	9.802	1180	1185	1190	rBV6	28730	48774	1.06%	0.085%
25	9.937	1204	1208	1217	rBV8	6943	19095	0.41%	0.033%
26	10.183	1239	1250	1260	rBV	530605	988679	21.47%	1.714%
27	10.360	1277	1280	1283	rBV5	8697	12882	0.28%	0.022%
28	10.389	1283	1285	1288	rVV3	10795	14092	0.31%	0.024%
29	10.466	1294	1298	1306	rVV8	9763	21125	0.46%	0.037%
30	10.712	1325	1340	1352	rBV	775791	1468999	31.90%	2.547%
31	11.112	1398	1408	1418	rBV	1141772	2085529	45.29%	3.616%
32	11.241	1421	1430	1441	rVB2	690550	1328192	28.84%	2.303%
33	11.388	1449	1455	1462	rVB8	7133	15678	0.34%	0.027%
34	11.846	1526	1533	1535	rBV5	11409	22113	0.48%	0.038%

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35	12.117	1575	1579	1583	rVB6	8991	14094	0.31%	0.024%
36	12.681	1668	1675	1682	rBV8	19773	49330	1.07%	0.086%
37	12.880	1705	1709	1714	rVB7	9320	16139	0.35%	0.028%
38	13.245	1768	1771	1775	rBV6	9859	12841	0.28%	0.022%
39	13.491	1806	1813	1818	rBV8	8565	19093	0.41%	0.033%
40	13.762	1853	1859	1865	rVB6	29088	55864	1.21%	0.097%
41	13.832	1865	1871	1879	rBV8	10067	31827	0.69%	0.055%
42	14.290	1937	1949	1953	rBV	1611426	2417753	52.50%	4.192%
43	14.337	1953	1957	1965	rVV	733709	1074952	23.34%	1.864%
44	14.596	1994	2001	2013	rVB	1608571	2536988	55.09%	4.399%
45	14.755	2019	2028	2033	rBV3	38051	61537	1.34%	0.107%
46	14.901	2045	2053	2061	rBV	1984157	3261480	70.82%	5.655%
47	15.060	2071	2080	2092	rBV	805846	1373163	29.82%	2.381%
48	15.201	2097	2104	2108	rBV10	11762	21240	0.46%	0.037%
49	15.260	2108	2114	2118	rVB8	15091	27151	0.59%	0.047%
50	15.301	2118	2121	2125	rVB6	11777	18382	0.40%	0.032%
51	15.360	2125	2131	2139	rVB8	17305	43440	0.94%	0.075%
52	15.436	2139	2144	2148	rBV8	13710	22318	0.48%	0.039%
53	15.654	2178	2181	2184	rBV3	15226	18643	0.40%	0.032%
54	15.695	2184	2188	2193	rVB	98343	124939	2.71%	0.217%
55	15.765	2194	2200	2202	rBV7	12739	14432	0.31%	0.025%
56	15.806	2202	2207	2212	rVB6	48869	73118	1.59%	0.127%
57	15.883	2212	2220	2228	rBV	2188324	3481572	75.60%	6.037%
58	15.988	2231	2238	2247	rBV	788139	1237953	26.88%	2.147%
59	16.106	2250	2258	2267	rVB9	35732	115515	2.51%	0.200%
60	16.194	2271	2273	2279	rVB7	20470	26333	0.57%	0.046%
61	16.259	2279	2284	2288	rBV7	16378	32746	0.71%	0.057%
62	16.317	2291	2294	2301	rVB8	18231	29650	0.64%	0.051%
63	16.388	2305	2306	2310	rBV4	14545	17017	0.37%	0.030%
64	16.558	2329	2335	2344	rBV2	110068	207243	4.50%	0.359%
65	16.664	2351	2353	2359	rVB8	11482	13833	0.30%	0.024%
66	16.835	2376	2382	2387	rBV9	15492	36299	0.79%	0.063%
67	16.899	2389	2393	2396	rBV5	13411	23834	0.52%	0.041%
68	16.999	2406	2410	2411	rVB4	11994	14216	0.31%	0.025%
69	17.046	2414	2418	2428	rVB6	42146	78715	1.71%	0.136%
70	17.128	2431	2432	2438	rVB6	14254	22665	0.49%	0.039%
71	17.181	2438	2441	2443	rBV4	15072	15191	0.33%	0.026%

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72	17.346	2464	2469	2475	rBV	82952	126373	2.74%	0.219%
73	17.639	2512	2519	2528	rBV2	2511655	3922919	85.18%	6.802%
74	17.739	2528	2536	2546	rBV	2396354	3723579	80.85%	6.457%
75	17.886	2558	2561	2569	rVB9	21568	35864	0.78%	0.062%
76	17.974	2571	2576	2590	rBV4	128597	239538	5.20%	0.415%
77	18.086	2592	2595	2597	rBV3	21720	25479	0.55%	0.044%
78	18.115	2597	2600	2608	rVB3	40881	54453	1.18%	0.094%
79	18.268	2623	2626	2631	rVB7	13399	28201	0.61%	0.049%
80	18.368	2637	2643	2644	rVB6	10797	16879	0.37%	0.029%
81	18.480	2656	2662	2670	rBV	407588	596325	12.95%	1.034%
82	18.662	2690	2693	2696	rBV4	13259	14388	0.31%	0.025%
83	18.897	2730	2733	2740	rVB10	13210	21082	0.46%	0.037%
84	19.044	2754	2758	2763	rBV7	40264	51469	1.12%	0.089%
85	19.132	2772	2773	2777	rVB4	13660	16458	0.36%	0.029%
86	19.332	2804	2807	2815	rBV9	33416	53805	1.17%	0.093%
87	19.643	2853	2860	2867	rVB4	49654	124266	2.70%	0.215%
88	19.737	2871	2876	2887	rBV3	180151	266862	5.79%	0.463%
89	19.831	2888	2892	2898	rVB5	40198	56578	1.23%	0.098%
90	19.896	2899	2903	2907	rVB4	35663	55892	1.21%	0.097%
91	20.007	2914	2922	2932	rVB	2828076	4328302	93.98%	7.505%
92	20.518	3007	3009	3016	rVB7	50943	65234	1.42%	0.113%
93	21.165	3116	3119	3125	rVB4	43847	62260	1.35%	0.108%
94	21.517	3174	3179	3189	rBV2	386211	616924	13.40%	1.070%
95	21.858	3234	3237	3241	rVB6	46247	65430	1.42%	0.113%
96	21.934	3243	3250	3262	rVB	2583339	4553767	98.88%	7.896%
97	23.468	3507	3511	3516	rVB7	50076	79393	1.72%	0.138%
98	23.679	3544	3547	3556	rVB6	66577	111269	2.42%	0.193%
99	25.137	3783	3795	3809	rVB2	1354701	4142952	89.96%	7.184%
100	25.377	3824	3836	3853	rVB2	1485647	4605337	100.00%	7.986%

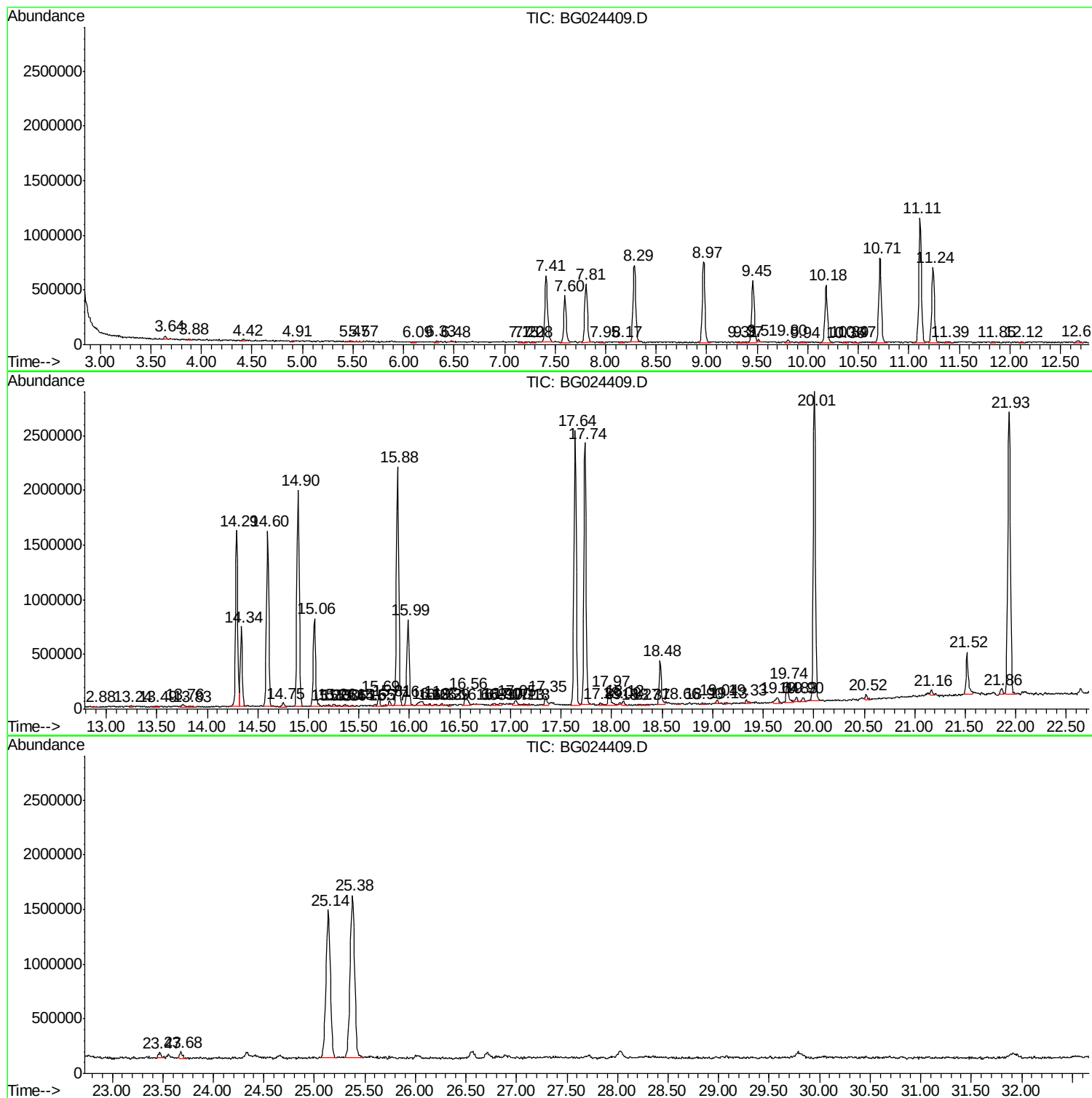
Sum of corrected areas: 57669863

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



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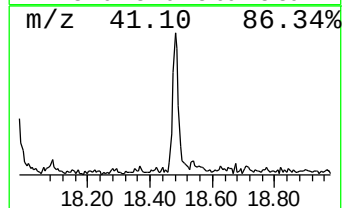
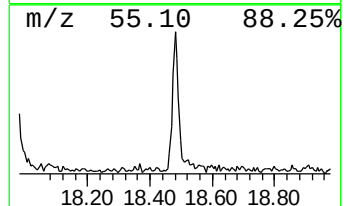
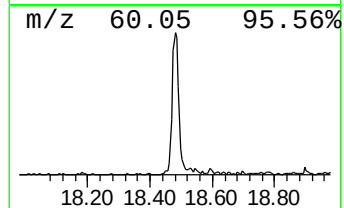
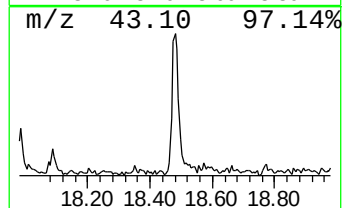
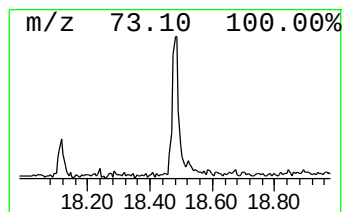
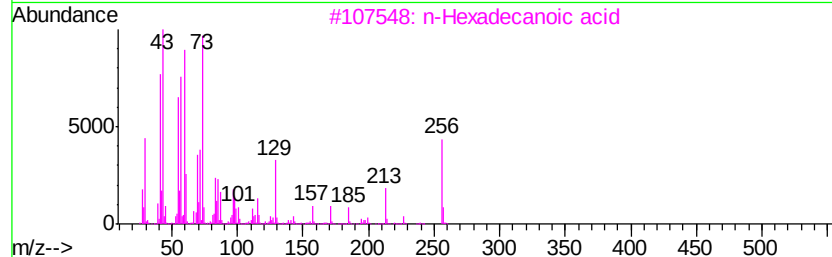
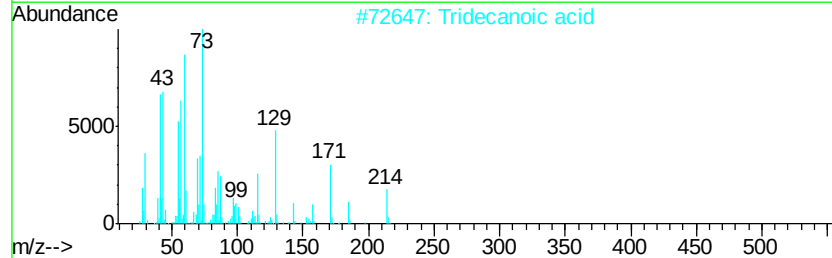
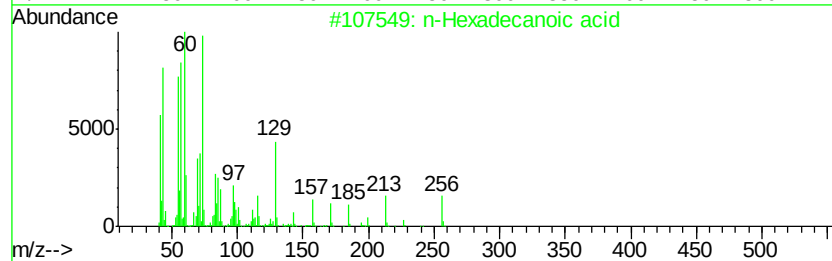
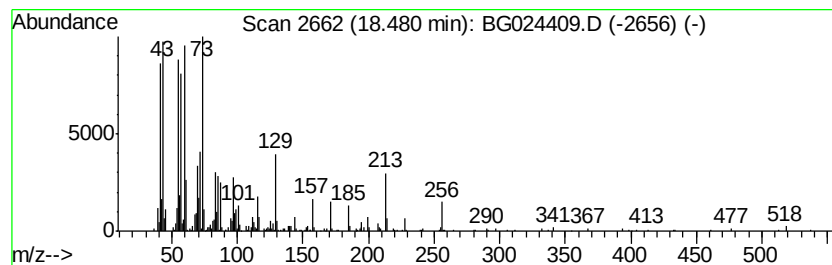
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.48	3.04 ng/ul	596325	Phenanthrene-d10		17.64		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Undecanoic acid	186	C11H22O2	000112-37-8	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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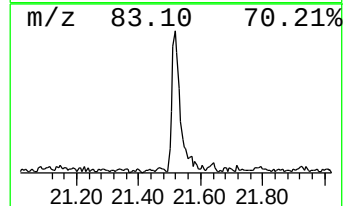
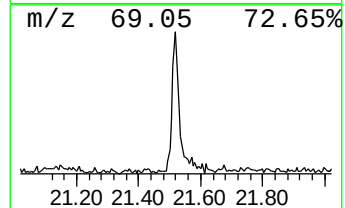
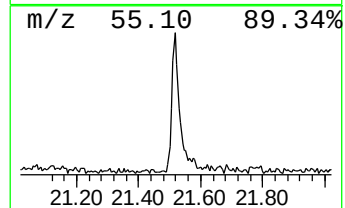
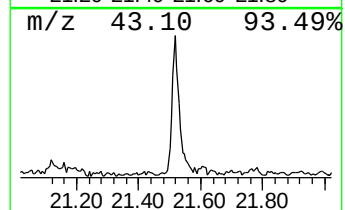
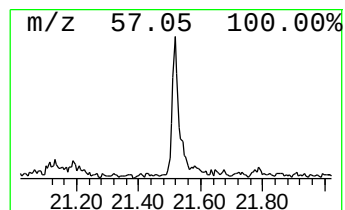
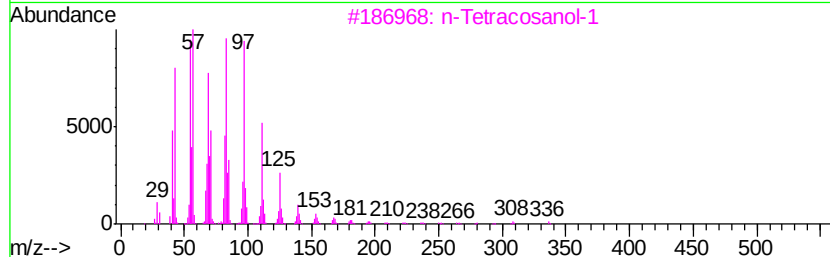
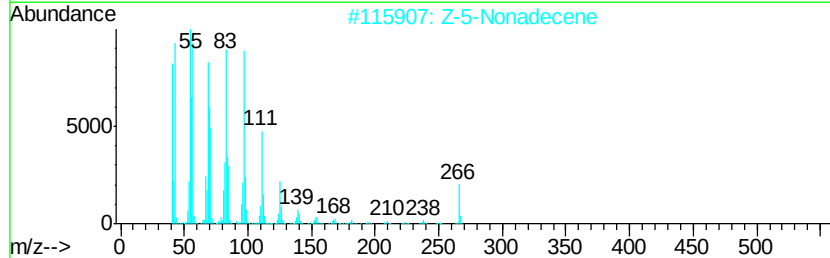
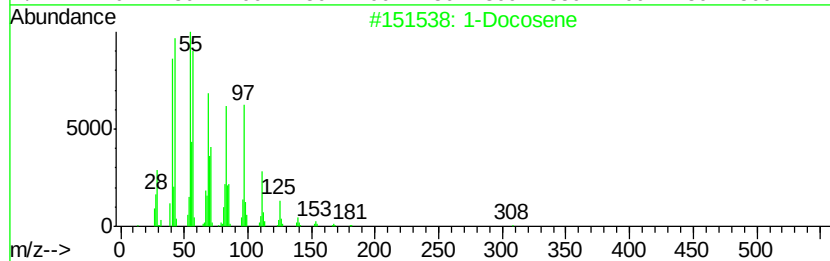
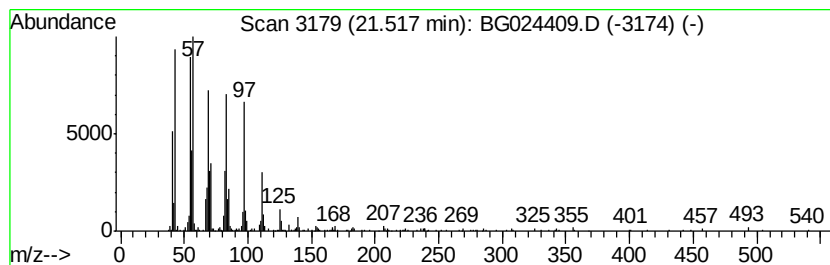
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Peak Number 2 (DEL) Alkane: Cyclic21.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.52	2.71 ng/ul	616924	Chrysene-d12		21.93		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	97
2			Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			1-Heneicosanol	312	C21H44O	015594-90-8	91
5			1-Heptadecene	238	C17H34	006765-39-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	3.0	ng/ul	596325	4	17.64	3922920	20.0
(DEL) Alkane: Cyc...	21.52	2.7	ng/ul	616924	5	21.93	4553770	20.0