LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022777.D
Acq On : 2 Jul 2016 3:47
Operator : UM/SJ
Sample : H3752-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG063016.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	3.815	163	166	174	rVB	43761	71292	1.60%	0.155%
2	4.626	297	304	308	rBV2	57527	87230	1.95%	0.190%
3	4.726	319	321	324	rBV4	9238	9685	0.22%	0.021%
4	5.237	404	408	411	rVB3	26628	36850	0.83%	0.080%
5	5.813	503	506	508	rBV4	7659	6288	0.14%	0.014%
6	5.977	533	534	538	rBV2	5964	5990	0.13%	0.013%
7	6.212	572	574	583	rVB8	14336	25111	0.56%	0.055%
8	6.330	590	594	595	rBV2	7637	7108	0.16%	0.015%
9	6.477	616	619	621	rBV3	5488	6242	0.14%	0.014%
10	6.582	635	637	639	rBV3	6999	6176	0.14%	0.013%
11	7.111	725	727	732	rBV6	8991	15713	0.35%	0.034%
12	7.311	752	761	770	rBV	572338	1015145	22.73%	2.212%
13	7.405	775	777	779	rBV3	5555	6070	0.14%	0.013%
14	7.476	783	789	799	rVB	385139	635560	14.23%	1.385%
15	7.687	819	825	834	rVB	506911	888485	19.90%	1.936%
16	7.769	834	839	840	rBV3	4572	6264	0.14%	0.014%
17	8.163	899	906	913	rBV	457120	785267	17.58%	1.711%
18	8.357	936	939	943	rBV4	7846	15679	0.35%	0.034%
19	8.404	946	947	949	rVB2	9941	6494	0.15%	0.014%
20	8.574	975	976	981	rVB3	8678	10222	0.23%	0.022%
21	8.868	1017	1026	1035	rBV	677594	1203296	26.95%	2.623%
22	9.038	1053	1055	1058	rBV3	6348	7109	0.16%	0.015%
23	9.332	1097	1105	1115	rBV2	523746	926184	20.74%	2.019%
24	9.485	1128	1131	1133	rBV4	7362	9239	0.21%	0.020%
25	9.720	1167	1171	1175	rBV4	17932	25115	0.56%	0.055%
26	9.779	1179	1181	1184	rVB3	9478	10238	0.23%	0.022%
27	10.061	1219	1229	1237	rBV	470990	836605	18.73%	1.823%
28	10.172	1247	1248	1252	rBV4	6456	6292	0.14%	0.014%
29	10.360	1277	1280	1283	rVB5	5752	7397	0.17%	0.016%
30	10.407	1285	1288	1289	rBV2	7341	7619	0.17%	0.017%
31	10.484	1297	1301	1303	rBV4	6132	9193	0.21%	0.020%
32	10.601	1313	1321	1332	rBV	705143	1306638	29.26%	2.848%
33	10.742	1340	1345	1346	rBV5	7881	10708	0.24%	0.023%
34	10.989	1379	1387	1395	rBV	665075	1190304	26.65%	2.594%

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Instrument : BNA_G
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

35	11.124	1401	1410	1417	rBV	612312	1134308	25.40%	2.472%
36	11.447	1463	1465	1470	rVB6	6867	8829	0.20%	0.019%
37	11.571	1482	1486	1490	rBV7	7943	14102	0.32%	0.031%
38	11.747	1514	1516	1518	rBV2	6028	6490	0.15%	0.014%
39	12.493	1638	1643	1648	rVB3	25003	44746	1.00%	0.098%
40	12.564	1648	1655	1661	rBV5	17648	32583	0.73%	0.071%
41	12.705	1677	1679	1681	rBV2	5280	6001	0.13%	0.013%
42	12.822	1697	1699	1702	rVB4	4745	6013	0.13%	0.013%
43	13.087	1741	1744	1745	rVB3	9001	8113	0.18%	0.018%
44	13.151	1749	1755	1757	rBV5	12517	21047	0.47%	0.046%
45	13.322	1780	1784	1787	rVB4	4876	7758	0.17%	0.017%
46	13.404	1795	1798	1801	rBV4	8132	8972	0.20%	0.020%
47	13.498	1813	1814	1818	rBV3	5282	6442	0.14%	0.014%
48	13.563	1823	1825	1827	rVB3	8736	7355	0.16%	0.016%
49	13.592	1827	1830	1831	rBV2	10418	10672	0.24%	0.023%
50	13.680	1841	1845	1848	rBV3	20095	24377	0.55%	0.053%
51	13.727	1848	1853	1859	rVB7	9307	21768	0.49%	0.047%
52	14.197	1927	1933	1938	rBV	1440448	2121991	47.52%	4.625%
53	14.244	1938	1941	1948	rVB	185020	253961	5.69%	0.554%
54	14.379	1962	1964	1967	rVB4	8164	9341	0.21%	0.020%
55	14.432	1970	1973	1975	rVB3	7150	7512	0.17%	0.016%
56	14.497	1977	1984	1991	rBV	1403120	2283888	51.14%	4.978%
57	14.632	2005	2007	2010	rBV3	11544	12736	0.29%	0.028%
58	14.679	2010	2015	2020	rVB8	24623	41522	0.93%	0.090%
59	14.802	2030	2036	2043	rBV2	1248552	1995403	44.68%	4.349%
60	14.996	2062	2069	2079	rBV	637204	1090956	24.43%	2.378%
61	15.284	2116	2118	2120	rBV3	10071	6458	0.14%	0.014%
62	15.443	2143	2145	2150	rVB6	9402	12368	0.28%	0.027%
63	15.537	2159	2161	2163	rBV3	8675	7950	0.18%	0.017%
64	15.572	2165	2167	2171	rVV5	10187	18180	0.41%	0.040%
65	15.625	2173	2176	2181	rVB3	33979	45758	1.02%	0.100%
66	15.795	2198	2205	2213	rBV	2168915	3222501	72.16%	7.023%
67	15.907	2218	2224	2231	rVV	625301	963008	21.56%	2.099%
68	16.030	2242	2245	2249	rVB6	28808	45158	1.01%	0.098%
69	16.224	2276	2278	2279	rBV2	9504	7187	0.16%	0.016%
70	16.359	2299	2301	2303	rBV3	7660	5987	0.13%	0.013%
71	16.488	2319	2323	2331	rBV5	40442	67879	1.52%	0.148%

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Title : SVOA CALIBRATION

72	17.070	2419	2422	2423	rBV3	9687	11527	0.26%	0.025%
73	17.288	2455	2459	2462	rBV2	57643	73344	1.64%	0.160%
74	17.558	2498	2505	2514	rBV	1841718	2806035	62.84%	6.116%
75	17.658	2516	2522	2531	rVB	2312492	3577532	80.11%	7.797%
76	17.975	2574	2576	2577	rVB2	13503	7345	0.16%	0.016%
77	18.216	2613	2617	2620	rBV6	12647	19570	0.44%	0.043%
78	18.422	2648	2652	2662	rBV2	260725	369534	8.27%	0.805%
79	18.880	2728	2730	2733	rVB4	13257	10085	0.23%	0.022%
80	19.338	2804	2808	2814	rBV9	19848	35720	0.80%	0.078%
81	19.573	2840	2848	2850	rBV5	55884	126623	2.84%	0.276%
82	19.685	2864	2867	2872	rBV5	118749	146842	3.29%	0.320%
83	19.937	2904	2910	2918	rBV	3047337	4465707	100.00%	9.733%
84	21.465	3166	3170	3177	rBV3	231106	388036	8.69%	0.846%
85	21.859	3230	3237	3246	rBV	2093891	3516665	78.75%	7.665%
86	25.002	3762	3772	3782	rVB	1453207	4128375	92.45%	8.998%
87	25.231	3802	3811	3822	rVB2	1155609	3407437	76.30%	7.426%

Sum of corrected areas: 45882505

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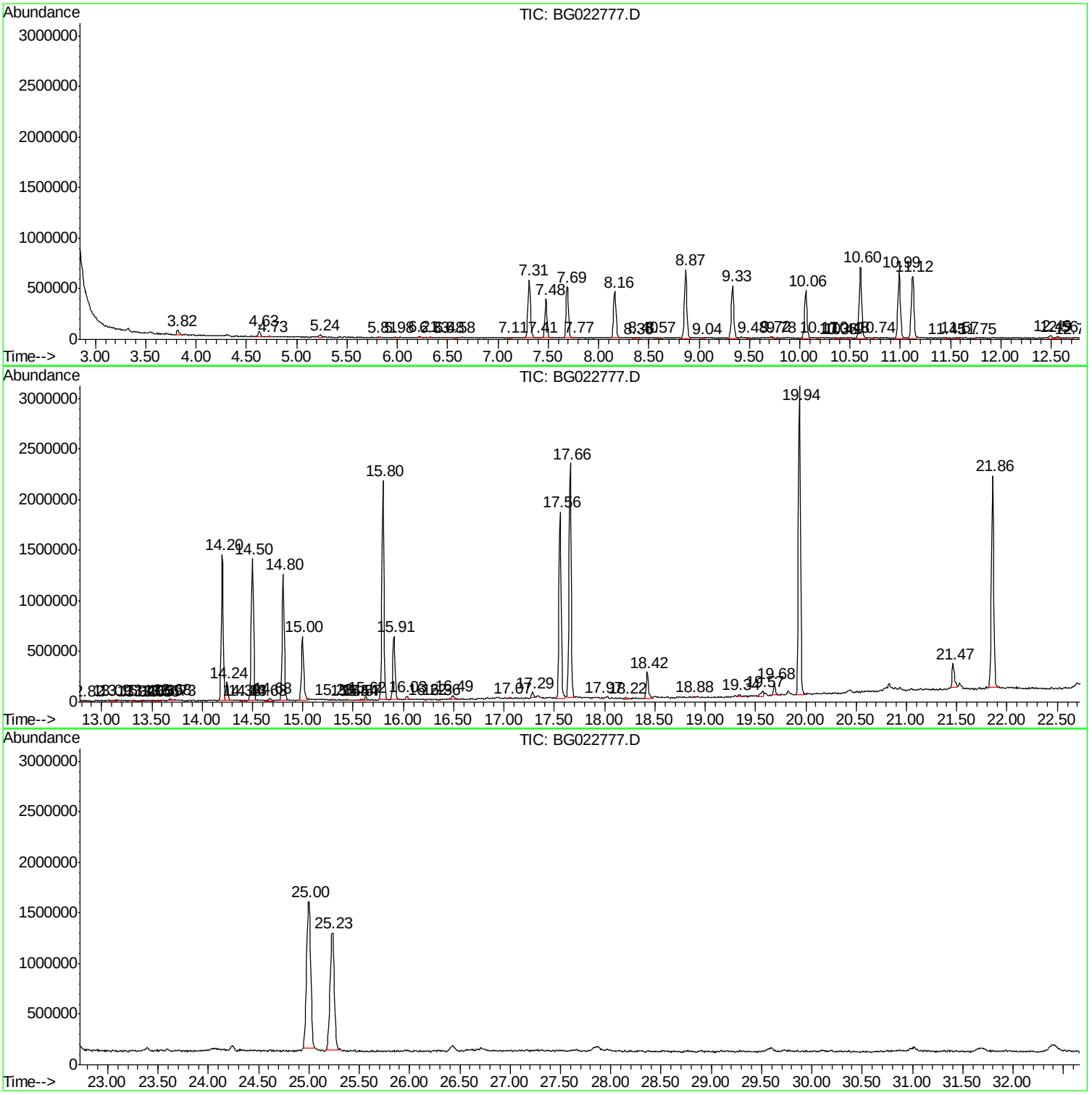
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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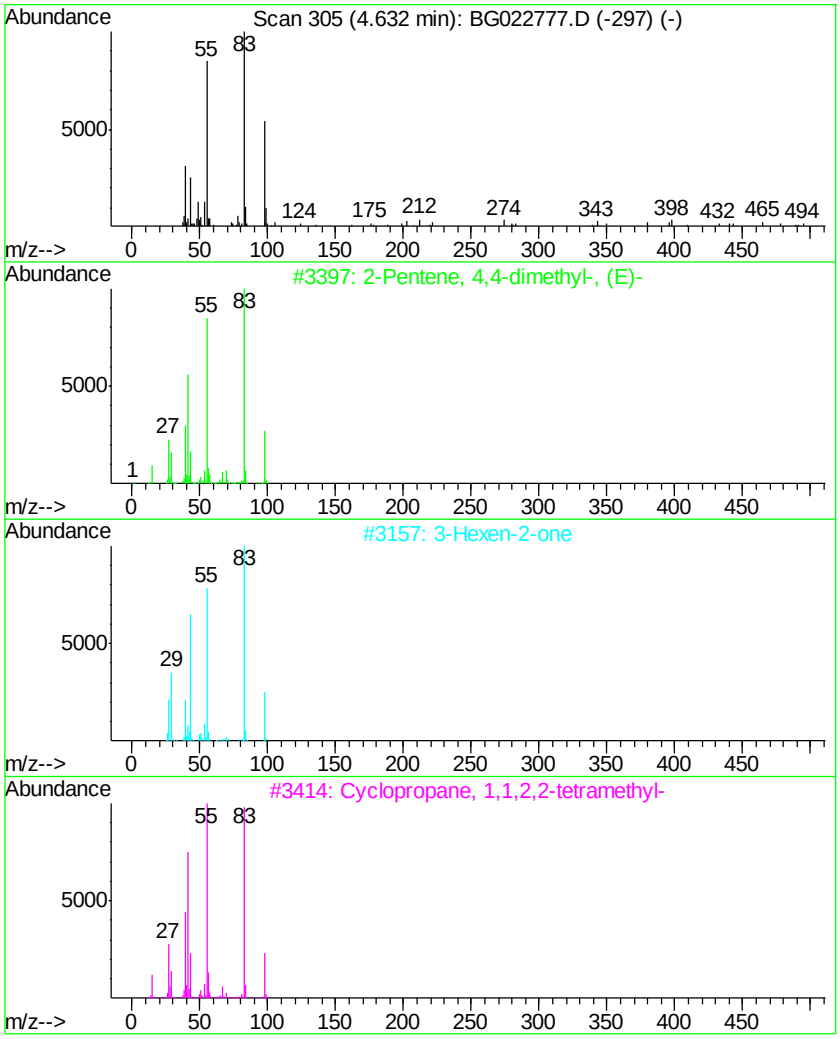
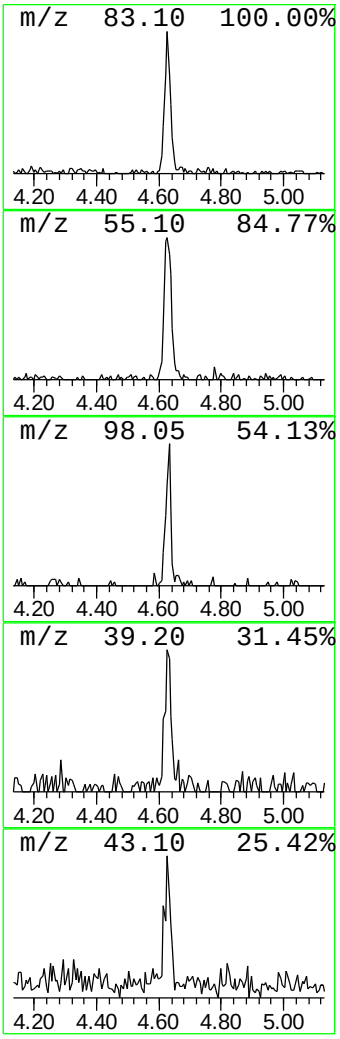
Peak Number 1 (DEL) Alkane: Cyclic4.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	2.22 ng/ul	87230	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
2	3-Hexen-2-one	98	C6H10O	000763-93-9	72
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





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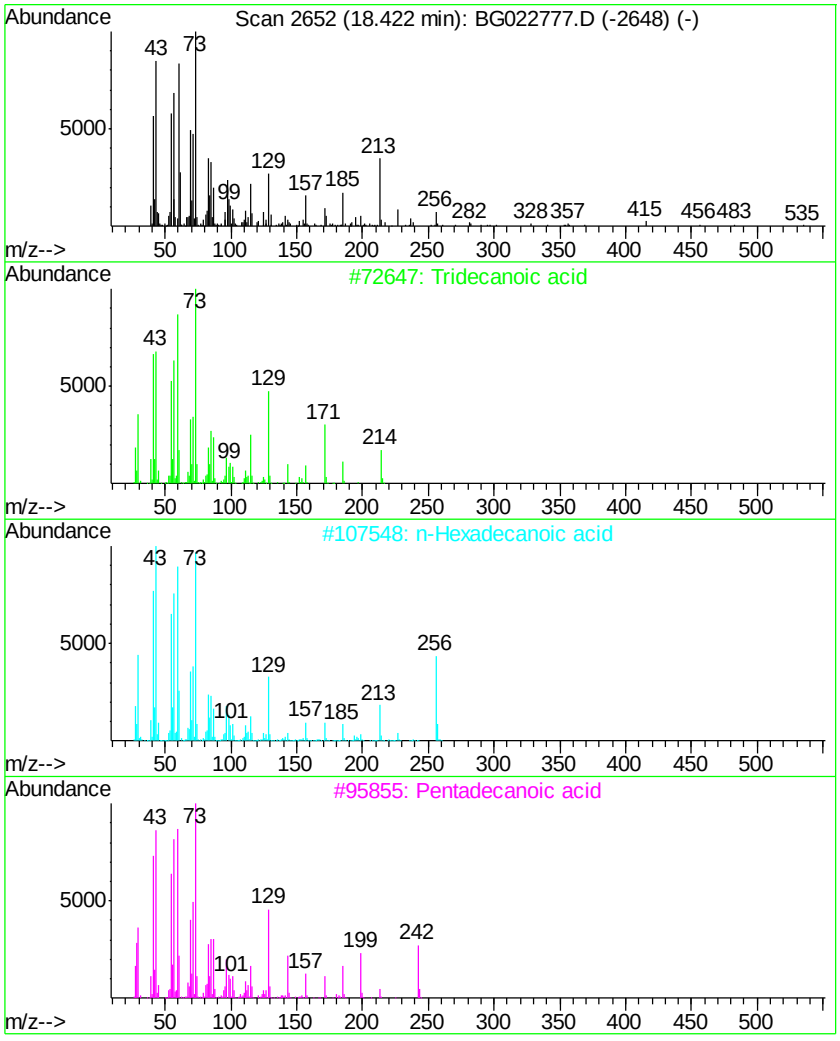
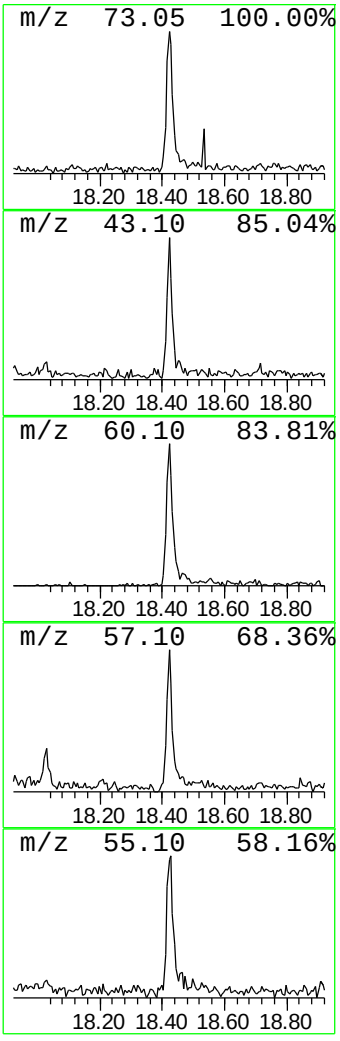
****

Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.63 ng/ul	369534	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	68
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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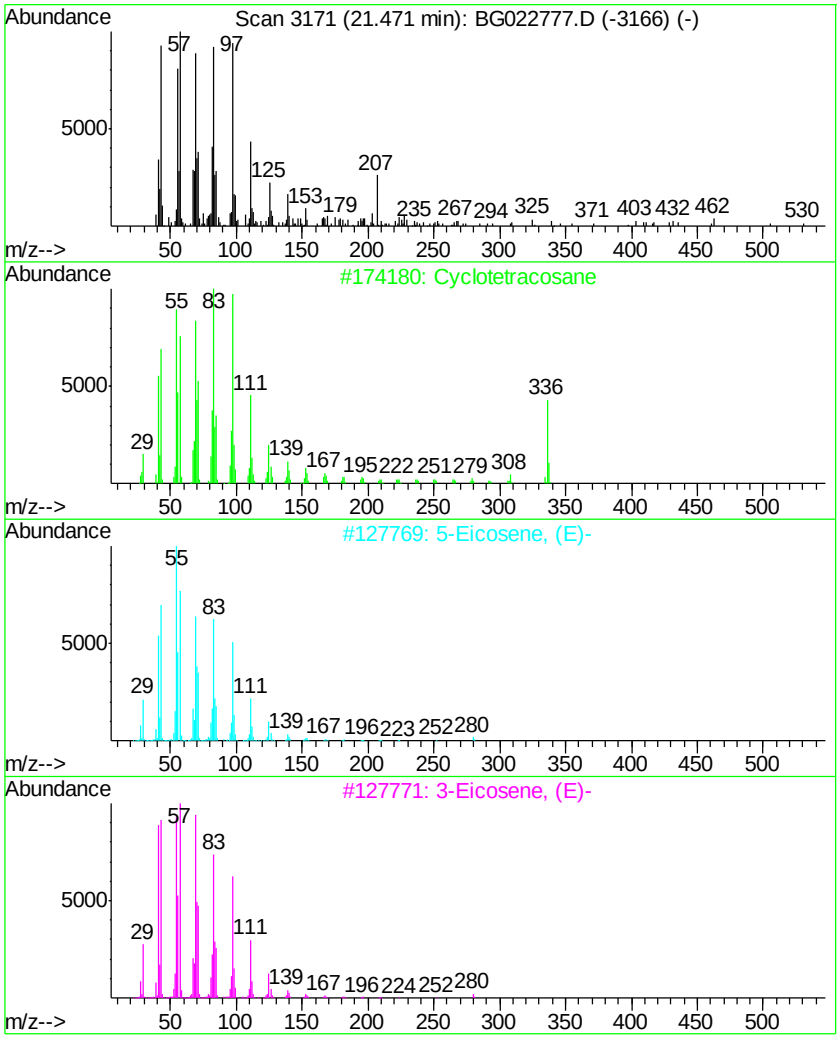
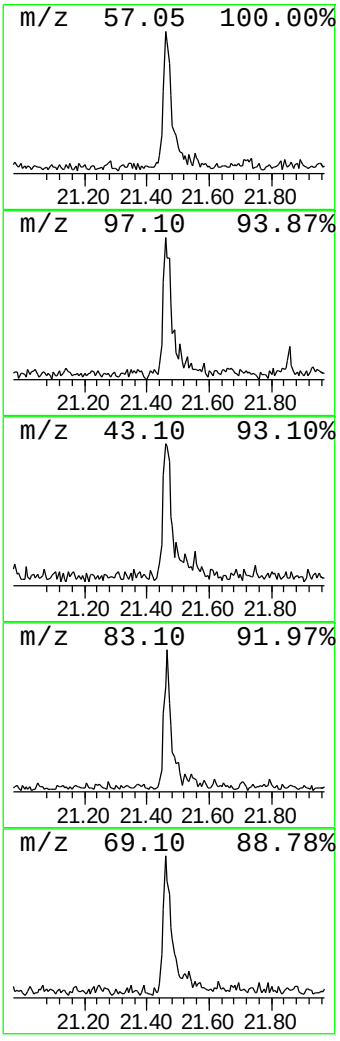
Peak Number 3 (DEL) Alkane: Cyclic21.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.21 ng/ul	388036	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	90
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	64
4	1-Nonadecene	266	C19H38	018435-45-5	62
5	1-Nonadecene	266	C19H38	018435-45-5	58





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.63	2.2	ng/ul	87230	1	8.16	785267	20.0
Tridecanoic acid	18.42	2.6	ng/ul	369534	4	17.56	2806040	20.0
(DEL) Alkane: Cyc...	21.47	2.2	ng/ul	388036	5	21.86	3516670	20.0