LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008331.D
Acq On : 15 Dec 2016 04:37
Operator : UM/SJ
Sample : H5976-10DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	7.022	748	754	760	rBV	57047	100716	4.09%	0.461%
2	7.222	783	788	798	rBV2	50741	99135	4.03%	0.454%
3	7.669	857	864	876	rBV	542958	936306	38.05%	4.287%
4	8.034	921	926	933	rBV	64498	106247	4.32%	0.486%
5	8.416	986	991	1005	rBV2	25691	64577	2.62%	0.296%
6	8.845	1058	1064	1076	rBV3	84148	176958	7.19%	0.810%
7	9.016	1088	1093	1100	rVB4	20070	35292	1.43%	0.162%
8	9.563	1180	1186	1196	rBV2	48472	110180	4.48%	0.504%
9	9.840	1227	1233	1241	rBV	121184	207752	8.44%	0.951%
10	10.128	1277	1282	1297	rBV3	45810	132005	5.36%	0.604%
11	10.445	1329	1336	1343	rBV	716435	1294980	52.63%	5.929%
12	10.869	1404	1408	1418	rBV5	12224	37834	1.54%	0.173%
13	11.569	1520	1527	1532	rBV4	17061	35313	1.44%	0.162%
14	11.898	1576	1583	1591	rBV4	23925	56345	2.29%	0.258%
15	12.016	1596	1603	1610	rVB	31212	53203	2.16%	0.244%
16	12.345	1646	1659	1667	rVB2	29345	66838	2.72%	0.306%
17	13.639	1873	1879	1885	rBV4	22144	39921	1.62%	0.183%
18	13.733	1888	1895	1907	rVB	210414	336933	13.69%	1.543%
19	13.863	1913	1917	1920	rBV2	27058	37742	1.53%	0.173%
20	13.898	1920	1923	1929	rVB2	20466	28105	1.14%	0.129%
21	14.004	1934	1941	1956	rBV	242812	409998	16.66%	1.877%
22	14.310	1983	1993	1998	rBV	1108195	1672384	67.97%	7.657%
23	14.375	1998	2004	2014	rVB	1647855	2443555	99.31%	11.188%
24	14.622	2042	2046	2052	rVB	37526	53255	2.16%	0.244%
25	14.716	2056	2062	2073	rVB	395816	610611	24.82%	2.796%
26	15.310	2157	2163	2168	rBV	344670	484940	19.71%	2.220%
27	15.369	2168	2173	2185	rVB	595125	933322	37.93%	4.273%
28	15.492	2185	2194	2197	rBV2	66929	134889	5.48%	0.618%
29	15.527	2197	2200	2206	rVB3	32207	52133	2.12%	0.239%
30	15.669	2220	2224	2236	rVB3	36671	62091	2.52%	0.284%
31	15.816	2245	2249	2256	rVB3	40610	75511	3.07%	0.346%
32	16.057	2283	2290	2301	rVB3	58138	130413	5.30%	0.597%
33	16.163	2303	2308	2313	rBV3	31525	43595	1.77%	0.200%
34	16.380	2339	2345	2349	rVB4	23250	35541	1.44%	0.163%

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Misc :
ALS Vial : 56 Sample Multiplier: 1

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	16.704	2396	2400	2404	rBV2	31431	49267	2.00%	0.226%
36	16.880	2423	2430	2435	rBV4	33652	70686	2.87%	0.324%
37	17.004	2444	2451	2454	rBV4	21803	46720	1.90%	0.214%
38	17.063	2454	2461	2472	rVV	1332969	1947908	79.17%	8.919%
39	17.168	2472	2479	2495	rVV	345724	639800	26.00%	2.929%
40	17.445	2518	2526	2532	rBV2	156436	280895	11.42%	1.286%
41	17.539	2536	2542	2545	rVV7	15383	33155	1.35%	0.152%
42	17.586	2545	2550	2556	rVV	95944	173092	7.03%	0.793%
43	17.651	2556	2561	2568	rVB	77588	130854	5.32%	0.599%
44	17.733	2568	2575	2580	rBV4	22558	53965	2.19%	0.247%
45	17.786	2580	2584	2588	rBV5	16492	25562	1.04%	0.117%
46	17.821	2588	2590	2600	rVB6	17361	33655	1.37%	0.154%
47	17.915	2600	2606	2612	rBV	84067	131758	5.35%	0.603%
48	18.027	2622	2625	2630	rVB2	27291	35151	1.43%	0.161%
49	18.080	2630	2634	2640	rBV	101176	151088	6.14%	0.692%
50	18.139	2640	2644	2653	rVB4	49325	93608	3.80%	0.429%
51	18.245	2656	2662	2667	rBV2	38664	86843	3.53%	0.398%
52	18.392	2683	2687	2695	rVV5	31381	67426	2.74%	0.309%
53	19.110	2803	2809	2810	rBV5	21733	31354	1.27%	0.144%
54	19.133	2810	2813	2819	rVB	56288	76129	3.09%	0.349%
55	19.239	2826	2831	2834	rBV6	15398	26194	1.06%	0.120%
56	19.468	2864	2870	2878	rBV2	471354	683785	27.79%	3.131%
57	19.833	2929	2932	2938	rBV6	12791	28450	1.16%	0.130%
58	19.898	2938	2943	2950	rVV2	37104	84634	3.44%	0.388%
59	19.974	2952	2956	2960	rVV	42279	61866	2.51%	0.283%
60	21.262	3170	3175	3182	rBV	1822762	2460507	100.00%	11.266%
61	23.350	3524	3530	3539	rVB3	362955	786322	31.96%	3.600%
62	23.492	3548	3554	3569	rVB	1214348	2451065	99.62%	11.223%

Sum of corrected areas: 21840359

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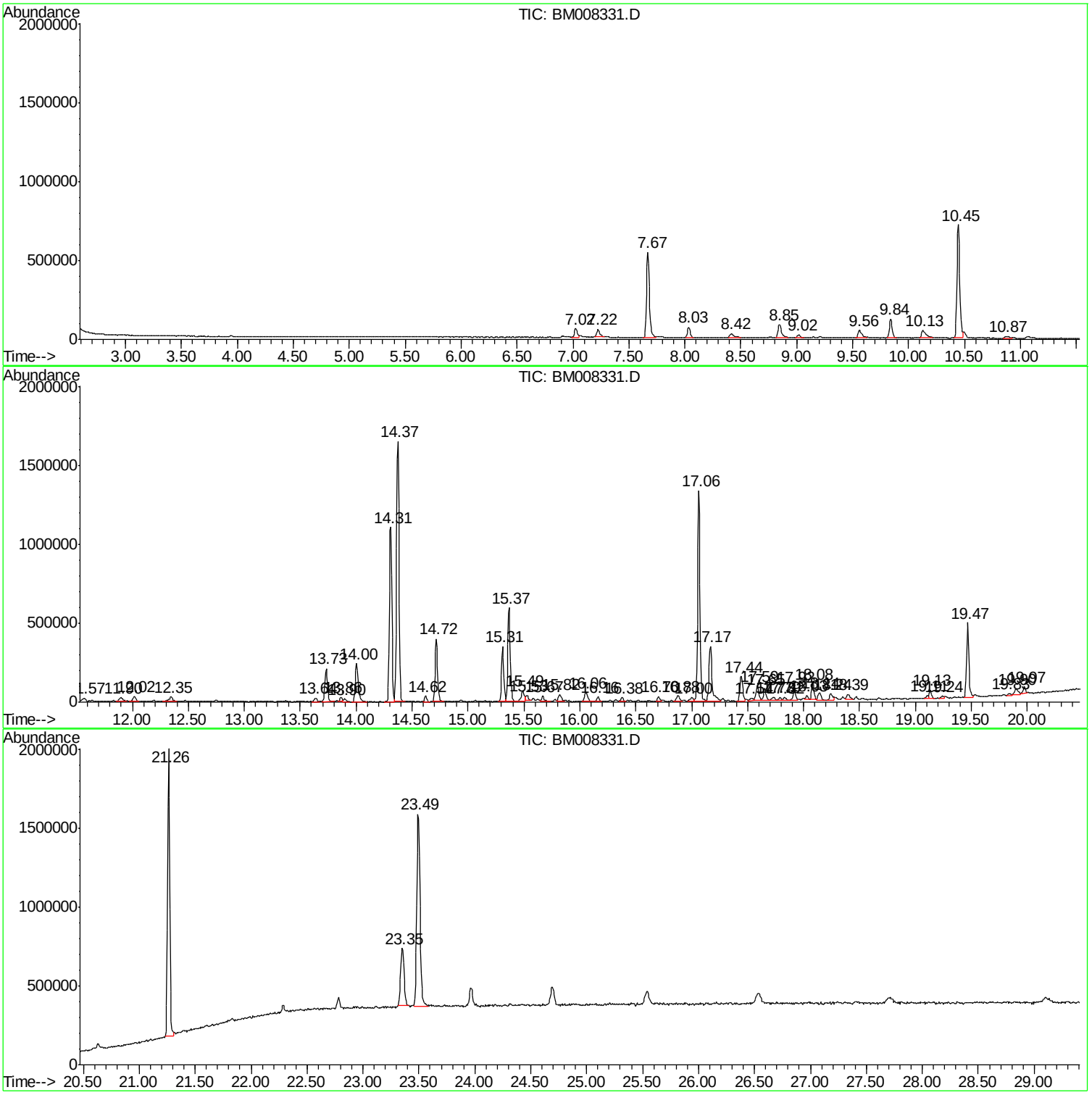
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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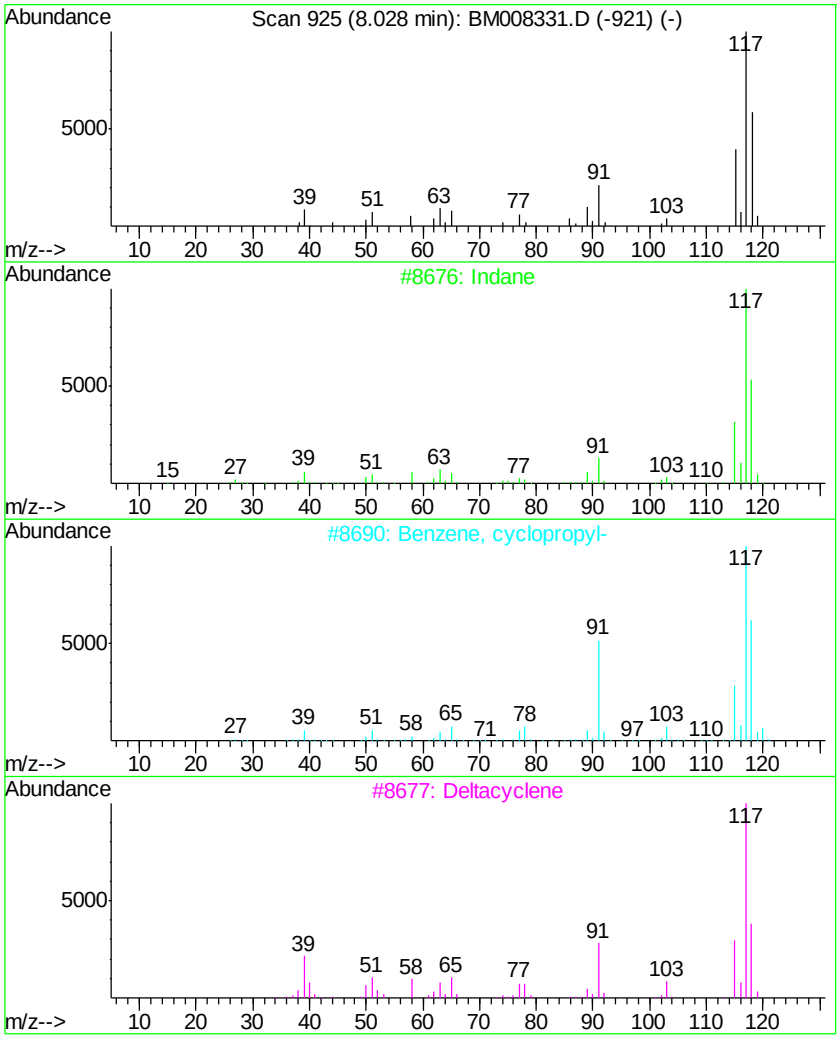
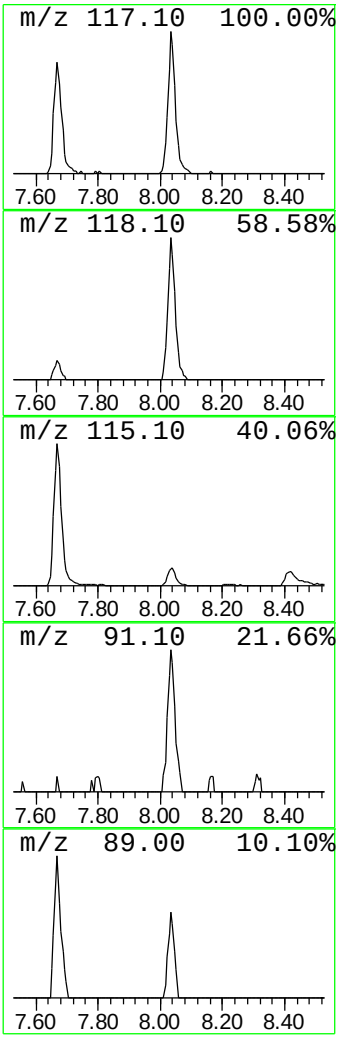
Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.27 ng/ul	106247	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Deltacyclene	118	C9H10	007785-10-6	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Indane	118	C9H10	000496-11-7	58





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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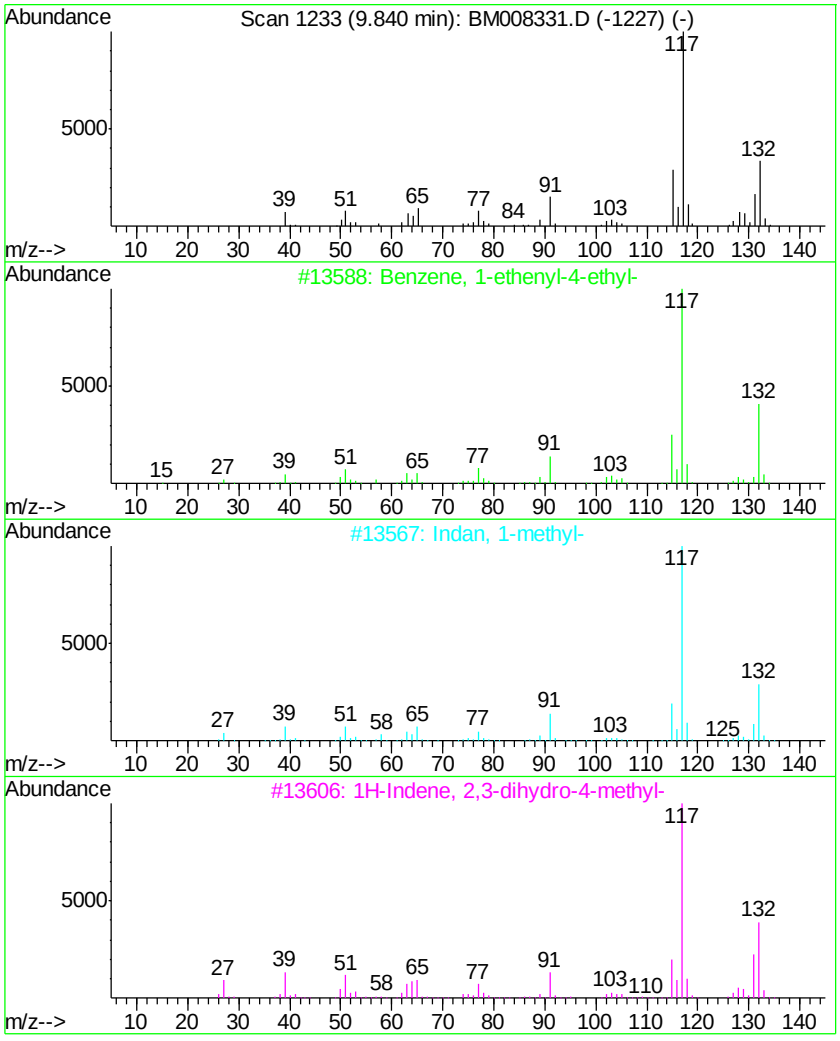
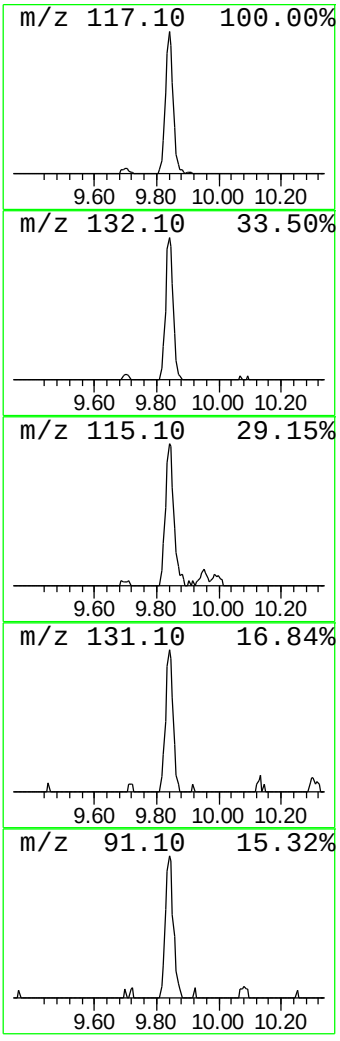
****

Peak Number 2 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.21 ng/ul	207752	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





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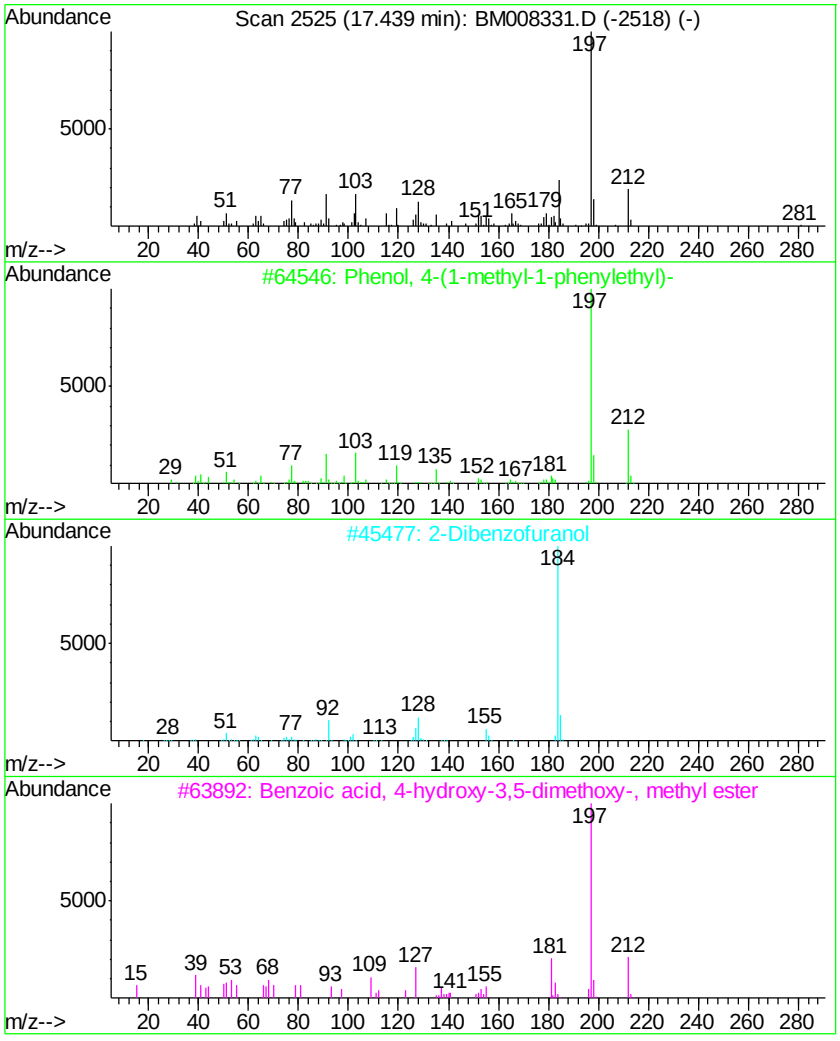
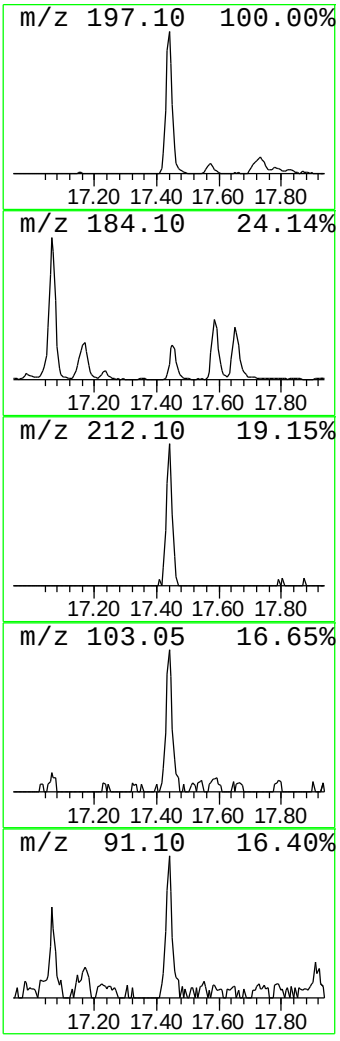
****

Peak Number 3 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.88 ng/ul	280895	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	55
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	49
3	Benzoic acid, 4-hydroxy-3,5-dime...	212	C10H12O5	000884-35-5	47
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	42
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	42





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	8.03	2.3	ng/ul	106247	1	7.67	936306	20.0
Benzene, 1-etheny...	9.84	3.2	ng/ul	207752	2	10.45	1294980	20.0
Phenol, 4-(1-meth...	17.44	2.9	ng/ul	280895	4	17.06	1947910	20.0