LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012717\
Data File : BM008916.D
Acq On : 28 Jan 2017 00:02
Operator : SJ/MA
Sample : I1467-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN57

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-BM012317.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	5.981	571	577	586	rBV8	11151	26193	1.01%	0.097%
2	7.069	757	762	770	rVB2	172273	281439	10.84%	1.040%
3	7.251	787	793	801	rBV	408803	636619	24.53%	2.353%
4	7.451	821	827	834	rBV	558452	870402	33.54%	3.217%
5	7.922	901	907	912	rBV2	405289	646026	24.89%	2.388%
6	7.975	912	916	923	rVB	88884	137149	5.28%	0.507%
7	8.616	1019	1025	1034	rVB2	414877	651901	25.12%	2.410%
8	8.745	1043	1047	1054	rVB3	17310	29629	1.14%	0.110%
9	9.016	1086	1093	1098	rBV3	62419	104901	4.04%	0.388%
10	9.086	1098	1105	1112	rBV	678360	1117054	43.04%	4.129%
11	9.810	1221	1228	1238	rVB	606234	992376	38.24%	3.668%
12	10.339	1311	1318	1325	rBV2	751987	1227266	47.29%	4.537%
13	10.498	1337	1345	1351	rBV6	19220	33835	1.30%	0.125%
14	10.627	1363	1367	1371	rVB2	22164	33720	1.30%	0.125%
15	10.727	1377	1384	1390	rBV	491221	794327	30.61%	2.936%
16	10.869	1402	1408	1414	rVB6	25014	41816	1.61%	0.155%
17	11.992	1594	1599	1607	rBV	100056	148377	5.72%	0.548%
18	12.910	1751	1755	1760	rBV3	27412	38541	1.49%	0.142%
19	13.157	1790	1797	1803	rBV2	68225	99741	3.84%	0.369%
20	13.480	1847	1852	1856	rVB2	47799	68177	2.63%	0.252%
21	13.968	1927	1935	1945	rVB	1198378	1706198	65.75%	6.307%
22	14.257	1976	1984	1991	rBV	1246053	1771019	68.24%	6.546%
23	14.562	2029	2036	2042	rBV	673035	986910	38.03%	3.648%
24	14.745	2061	2067	2075	rBV	136003	211704	8.16%	0.783%
25	15.227	2141	2149	2155	rBV3	16836	27282	1.05%	0.101%
26	15.556	2198	2205	2212	rVB	1510797	2191182	84.43%	8.100%
27	15.662	2218	2223	2230	rBV	457142	662161	25.52%	2.448%
28	17.309	2496	2503	2510	rVB	792909	1150431	44.33%	4.253%
29	17.403	2513	2519	2526	rVV	1686978	2357766	90.85%	8.715%
30	17.962	2609	2614	2621	rVB2	323400	391022	15.07%	1.445%
31	18.174	2646	2650	2654	rBV6	26319	34129	1.32%	0.126%
32	19.327	2840	2846	2848	rBV4	20802	29067	1.12%	0.107%
33	19.450	2863	2867	2872	rVB7	27374	36772	1.42%	0.136%
34	19.692	2902	2908	2916	rBV	1919535	2595133	100.00%	9.593%

LSC Area Percent Report

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Instrument : BNA_M
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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Title : SVOA CALIBRATION

35	21.474	3206	3211	3217	rVB	1080700	1305527	50.31%	4.826%
36	22.538	3389	3392	3399	rVB6	67423	102930	3.97%	0.380%
37	23.679	3579	3586	3596	rVB2	1180845	2361409	90.99%	8.729%
38	23.832	3605	3612	3623	rBV	600070	1152888	44.43%	4.262%

Sum of corrected areas: 27053019

LSC Report - Integrated Chromatogram

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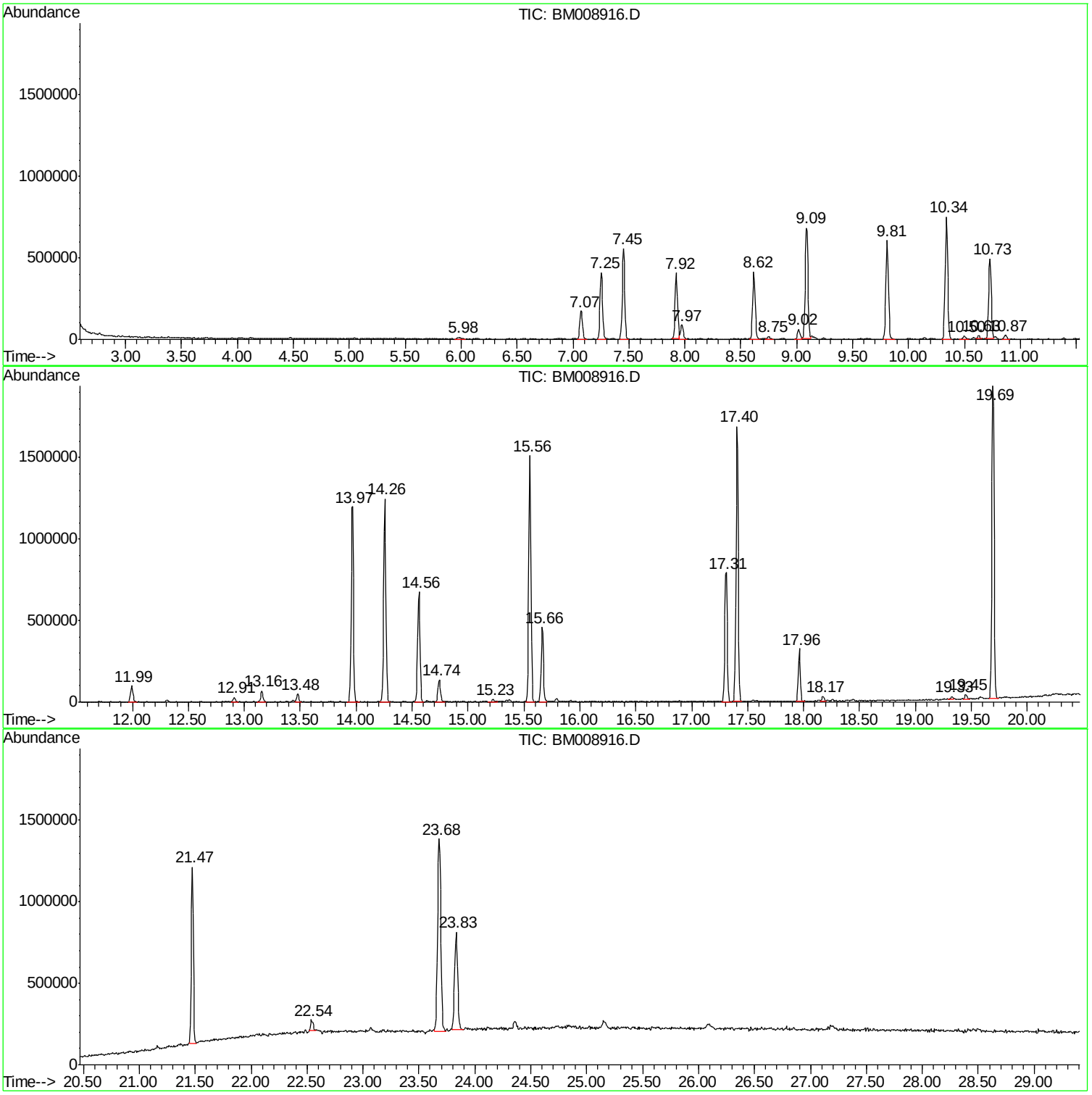
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN57

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

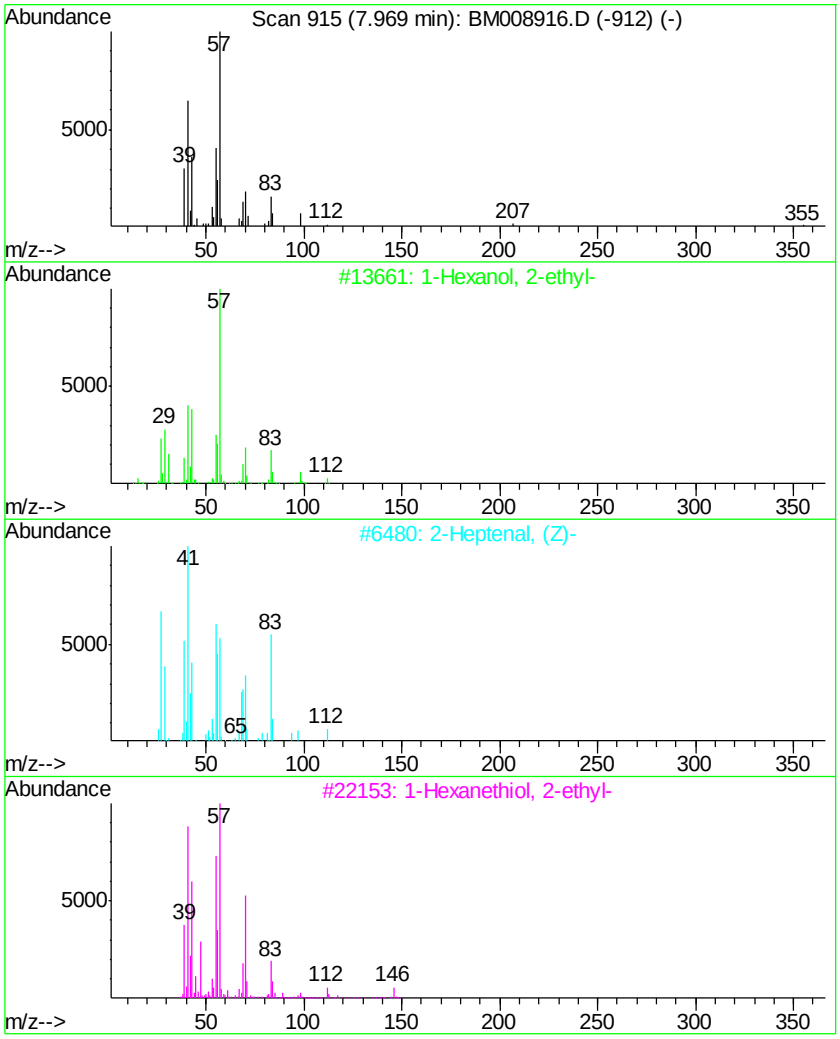
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

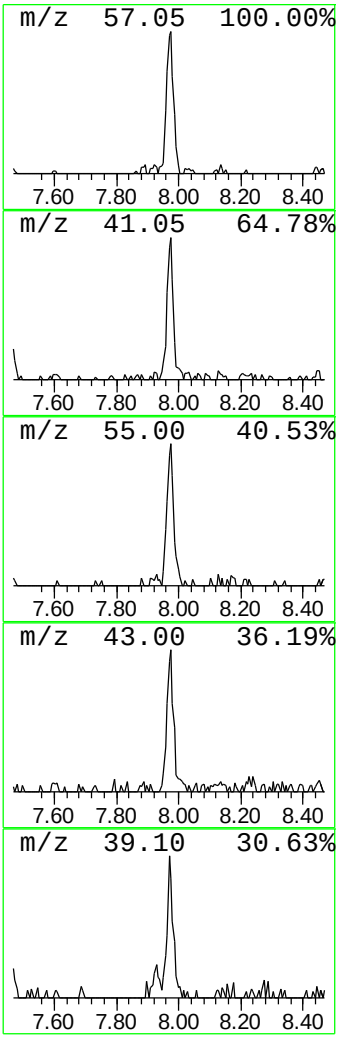
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	4.25 ng/ul	137149	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	58
3	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	53
4	Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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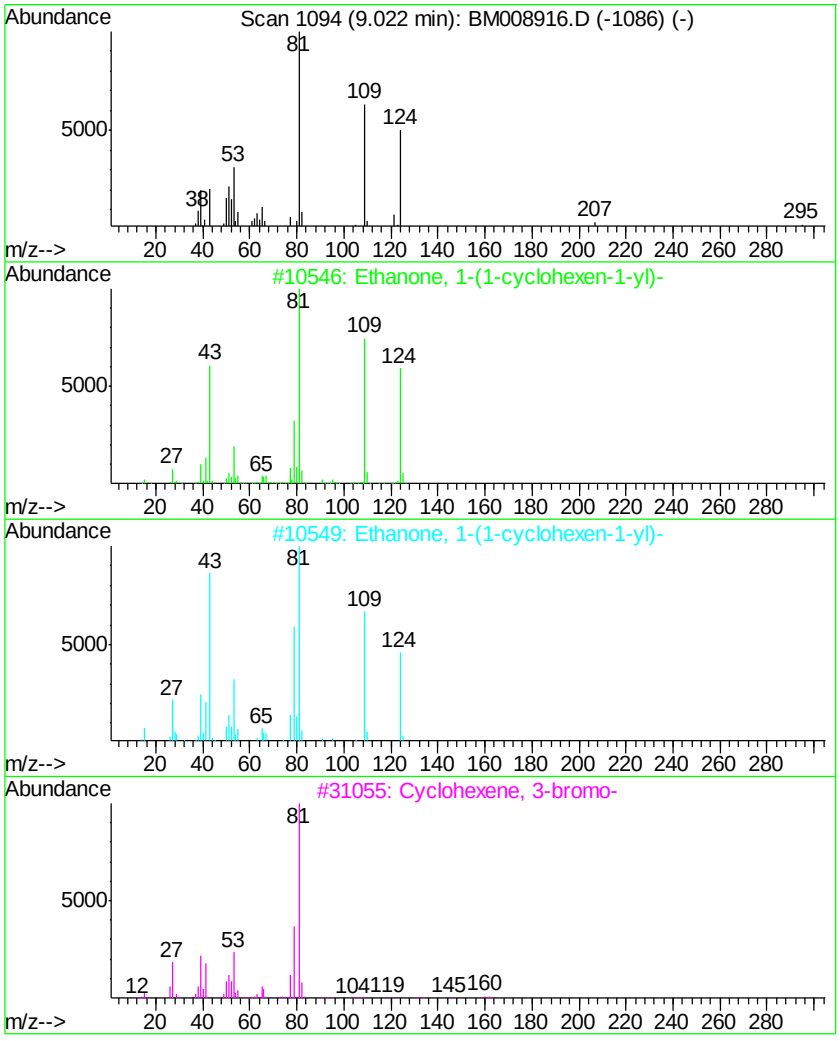
TIC Integration Parameters: LSCINT.P

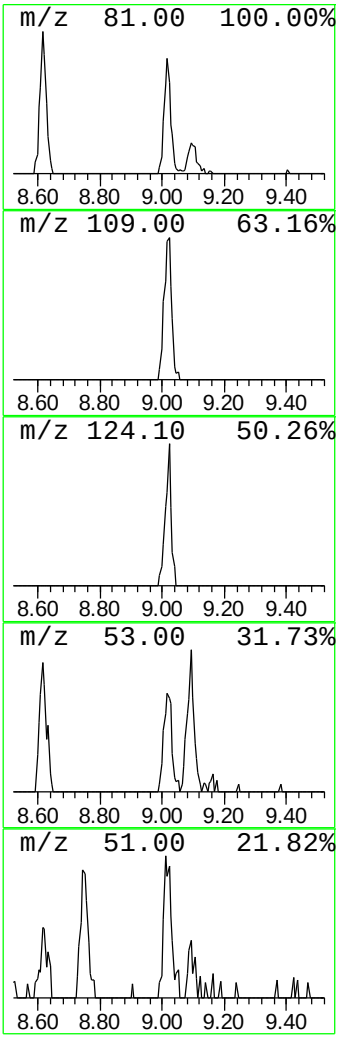
****

Peak Number 2 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.25 ng/ul	104901	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	38
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	37
4	2-Hexen-4-yn-1-ol, (E)-	96	C6H8O	053497-80-6	25
5	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	12





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Instrument : BNA_M
ClientSampleId : BDN57

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
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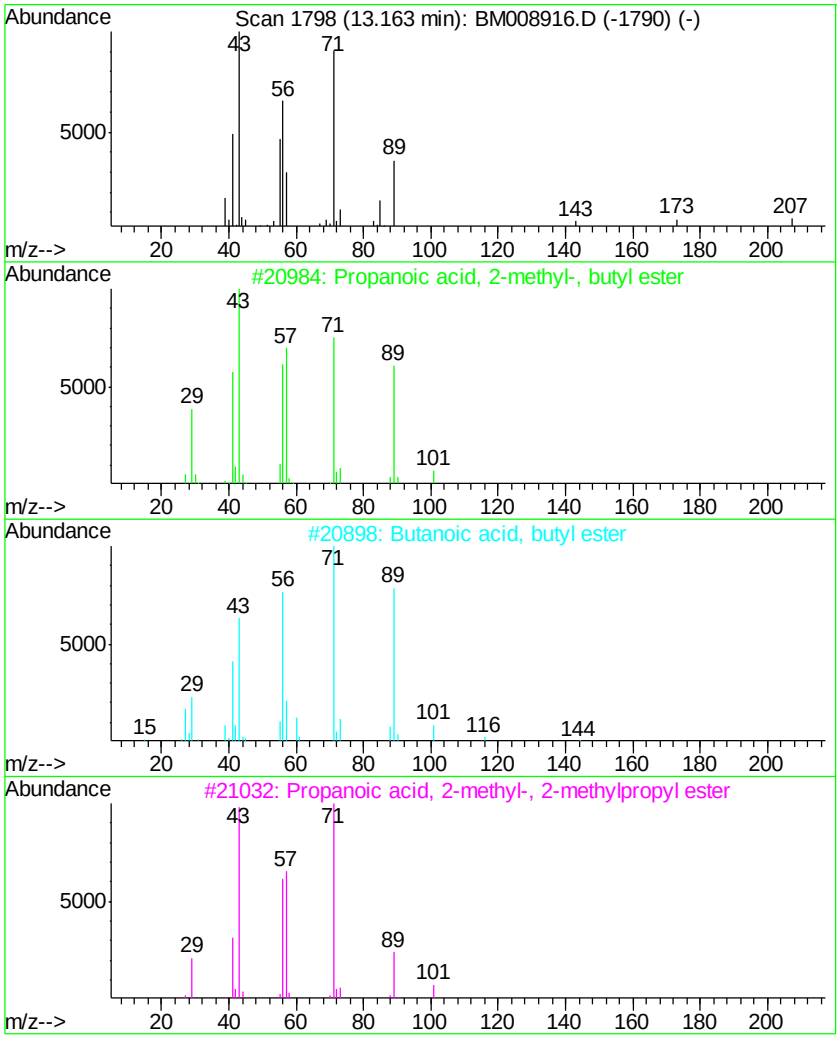
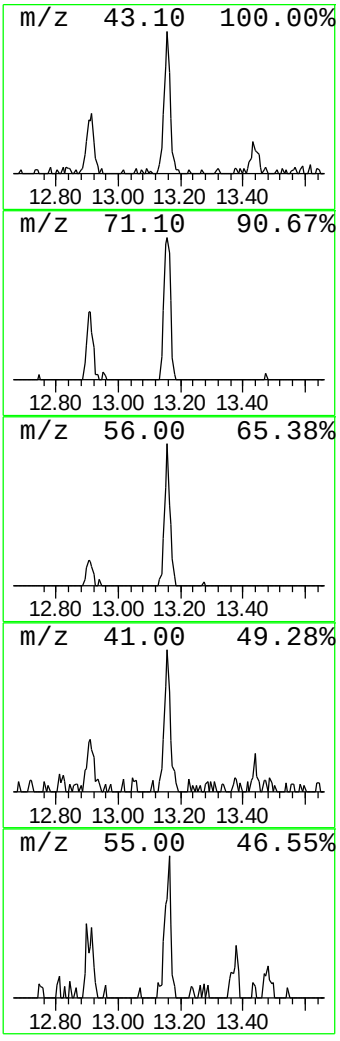
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.02 ng/ul	99741	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	64
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
3	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
4	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	50
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	42





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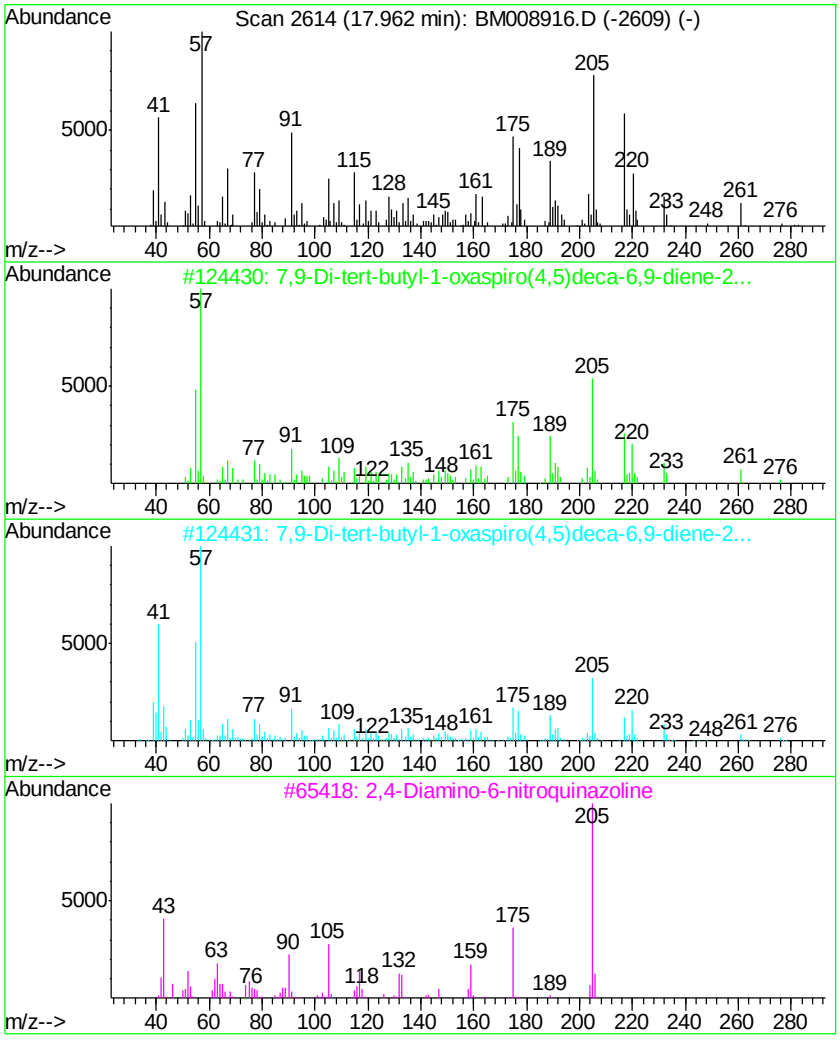
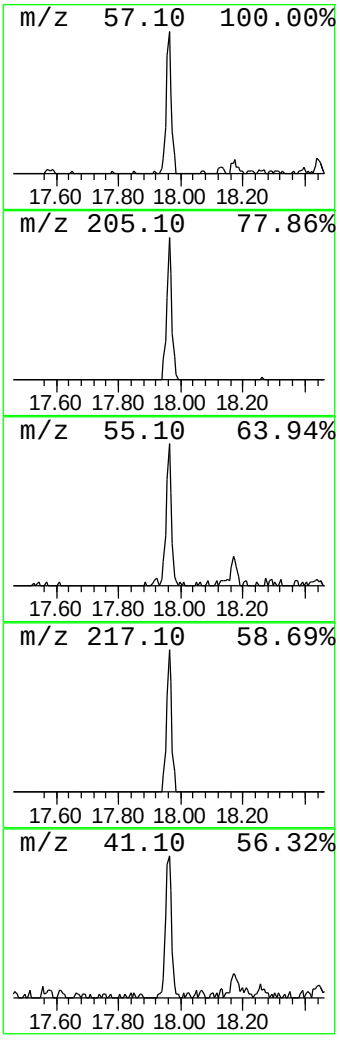
Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.80 ng/ul	391022	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	42
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
5	2H-2a,7-Methanoazuleno[5,6-b]oxi...	220	C15H24O	029597-36-2	35





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.97	4.3	ng/ul	137149	1	7.92	646026	20.0
Ethanone, 1-(1-cy...	9.02	3.3	ng/ul	104901	1	7.92	646026	20.0
Propanoic acid, 2...	13.16	2.0	ng/ul	99741	3	14.56	986910	20.0
7,9-Di-tert-butyl...	17.96	6.8	ng/ul	391022	4	17.31	1150430	20.0