LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009241.D
Acq On : 14 Mar 2017 05:08
Operator : SJ/MA
Sample : I2181-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG2

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\SOM-EPA-BM031317MA.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	7.034	664	671	678	rBV	111025	186063	2.89%	0.384%
2	7.210	694	701	710	rBV	468349	742030	11.53%	1.532%
3	7.404	728	734	742	rBV	443225	725474	11.27%	1.498%
4	7.875	805	814	821	rBV	455533	753455	11.70%	1.556%
5	8.575	926	933	943	rBV	353868	590397	9.17%	1.219%
6	9.040	1006	1012	1021	rBV	634500	1076596	16.72%	2.223%
7	9.487	1082	1088	1094	rBV3	128837	206271	3.20%	0.426%
8	9.763	1128	1135	1145	rBV	512784	874198	13.58%	1.805%
9	10.292	1218	1225	1233	rBV	733522	1222019	18.98%	2.523%
10	10.675	1283	1290	1299	rVB	695813	1204427	18.71%	2.487%
11	10.822	1307	1315	1323	rVB4	42213	76888	1.19%	0.159%
12	13.327	1735	1741	1749	rBV2	454596	684533	10.63%	1.413%
13	13.533	1770	1776	1783	rVB	289898	430421	6.69%	0.889%
14	13.922	1835	1842	1849	rBV	1876070	2537511	39.41%	5.239%
15	14.210	1884	1891	1899	rBV	1753221	2648001	41.13%	5.467%
16	14.274	1899	1902	1908	rVB4	69849	93174	1.45%	0.192%
17	14.516	1936	1943	1951	rVB2	1235366	1940234	30.14%	4.006%
18	14.710	1970	1976	1986	rBV	130581	219795	3.41%	0.454%
19	15.510	2105	2112	2121	rBV	2566930	3574063	55.51%	7.379%
20	15.627	2125	2132	2140	rBV	902856	1240858	19.27%	2.562%
21	17.262	2404	2410	2417	rBV	1851945	2637014	40.96%	5.444%
22	17.362	2420	2427	2437	rBV	2956343	4247652	65.98%	8.769%
23	19.292	2749	2755	2760	rBV5	39745	65622	1.02%	0.135%
24	19.656	2810	2817	2827	rBV	3979272	5494852	85.35%	11.344%
25	21.333	3099	3102	3107	rBV2	152054	168125	2.61%	0.347%
26	21.439	3115	3120	3125	rBV	3220500	3891308	60.44%	8.034%
27	22.639	3320	3324	3330	rVB	294313	408368	6.34%	0.843%
28	23.621	3484	3491	3501	rBV2	3227770	6438176	100.00%	13.292%
29	23.774	3510	3517	3526	rVB	2082620	4060214	63.06%	8.382%

Sum of corrected areas: 48437739

LSC Report - Integrated Chromatogram

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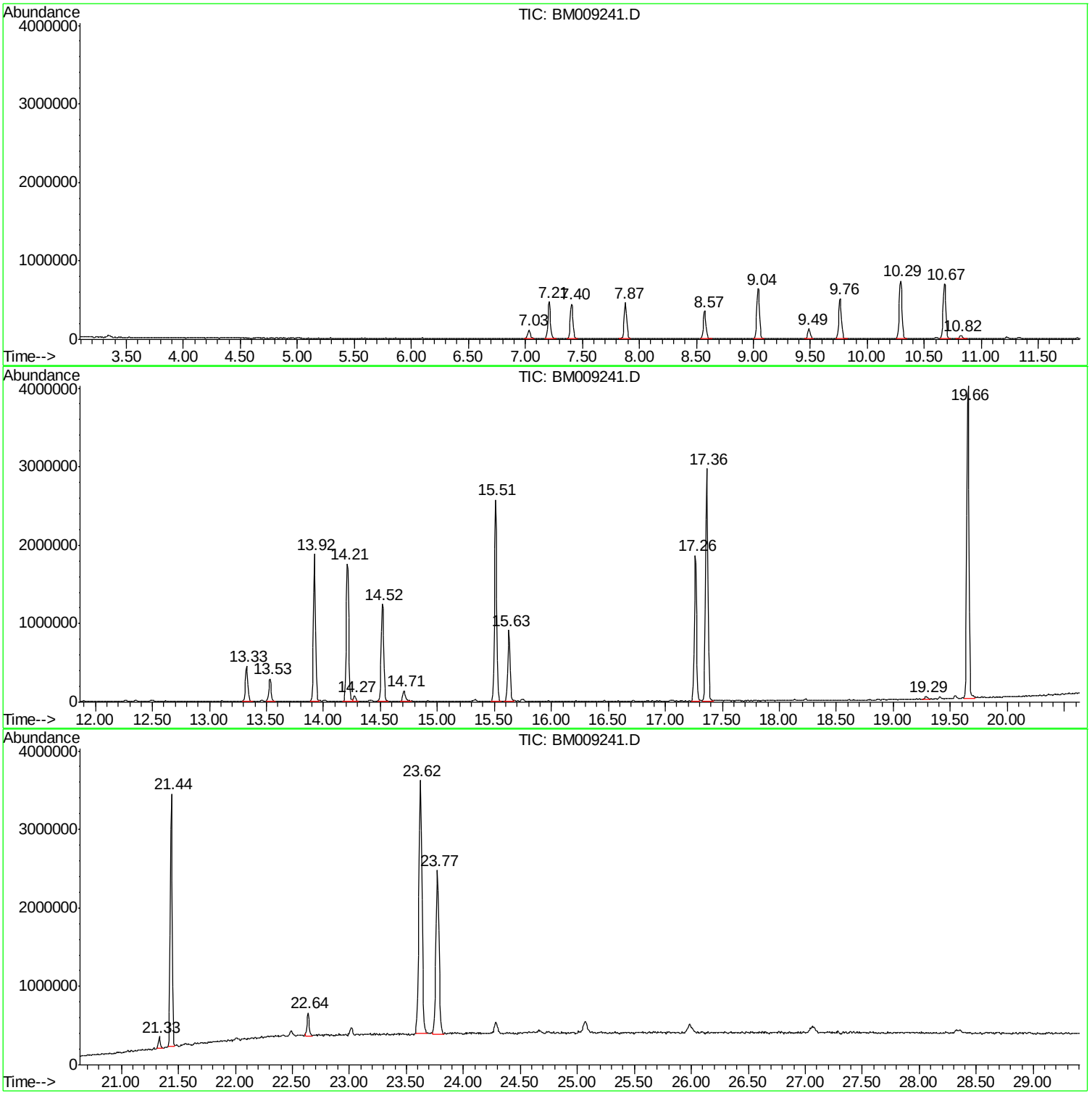
Instrument : BNA_M
ClientSampleId : C0BG2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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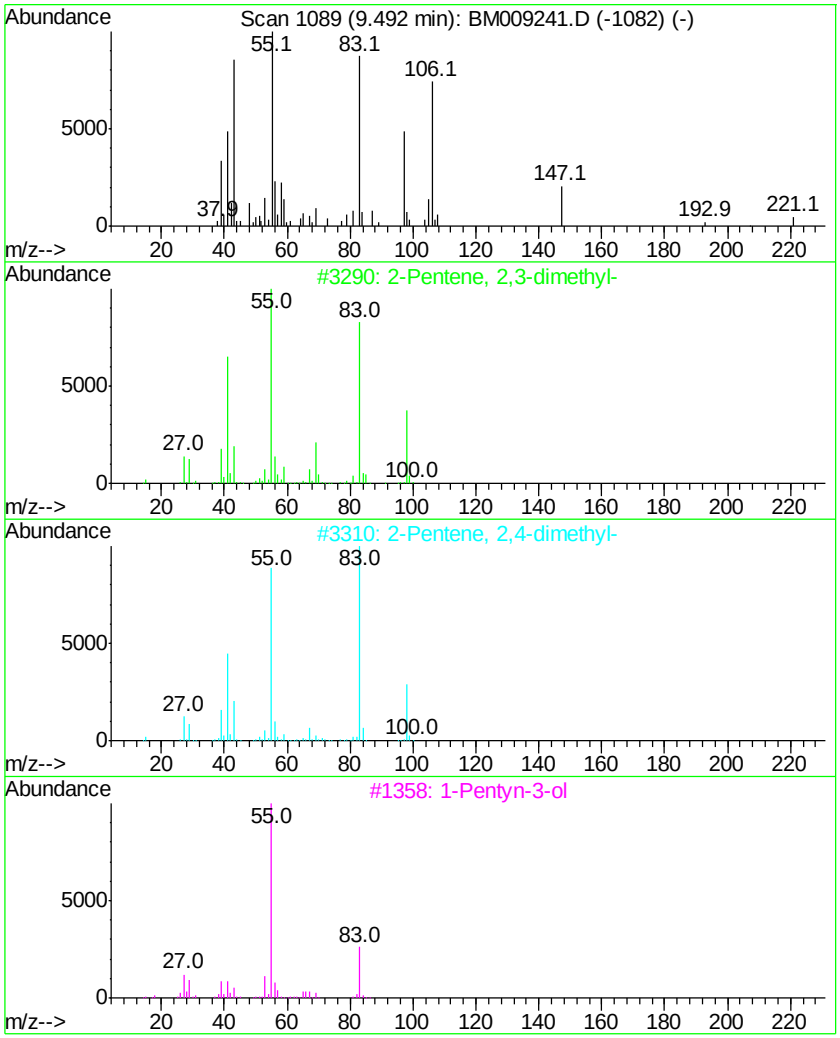
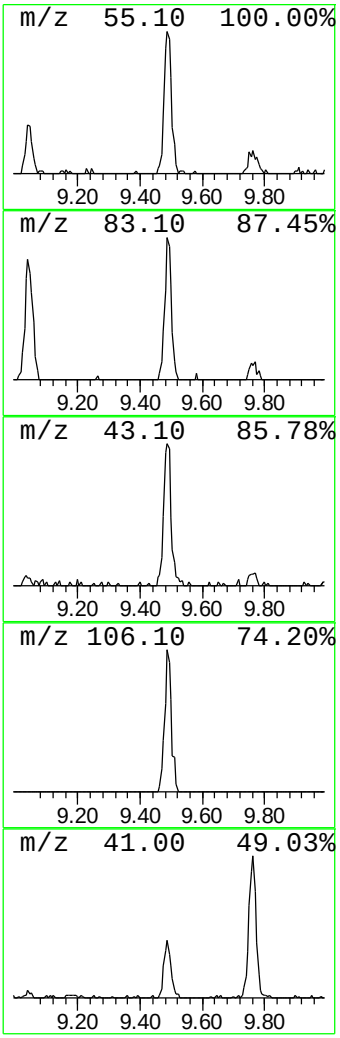
Peak Number 1 (DEL) Alkane: Cyclic9.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.43 ng/ul	206271	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25
3	1-Pentyn-3-ol	84	C5H8O	004187-86-4	25
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	25
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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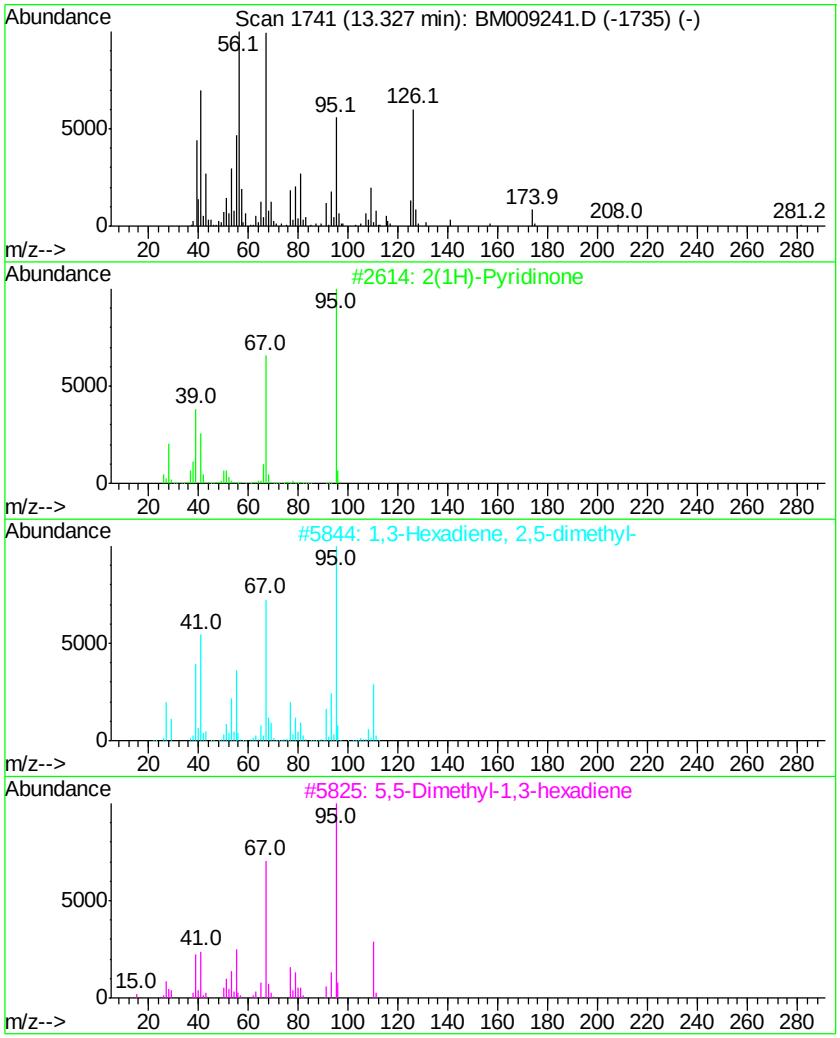
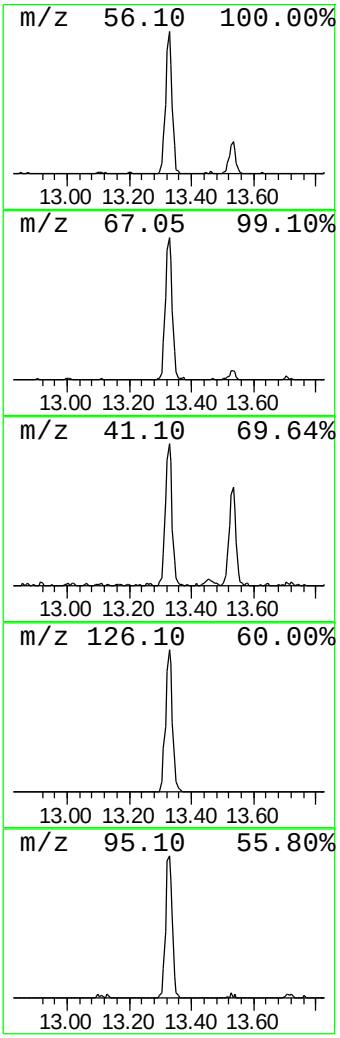
Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	7.06 ng/ul	684533	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	38
2	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	38
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	30
4	3-Nonyne	124	C9H16	020184-89-8	27
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	27





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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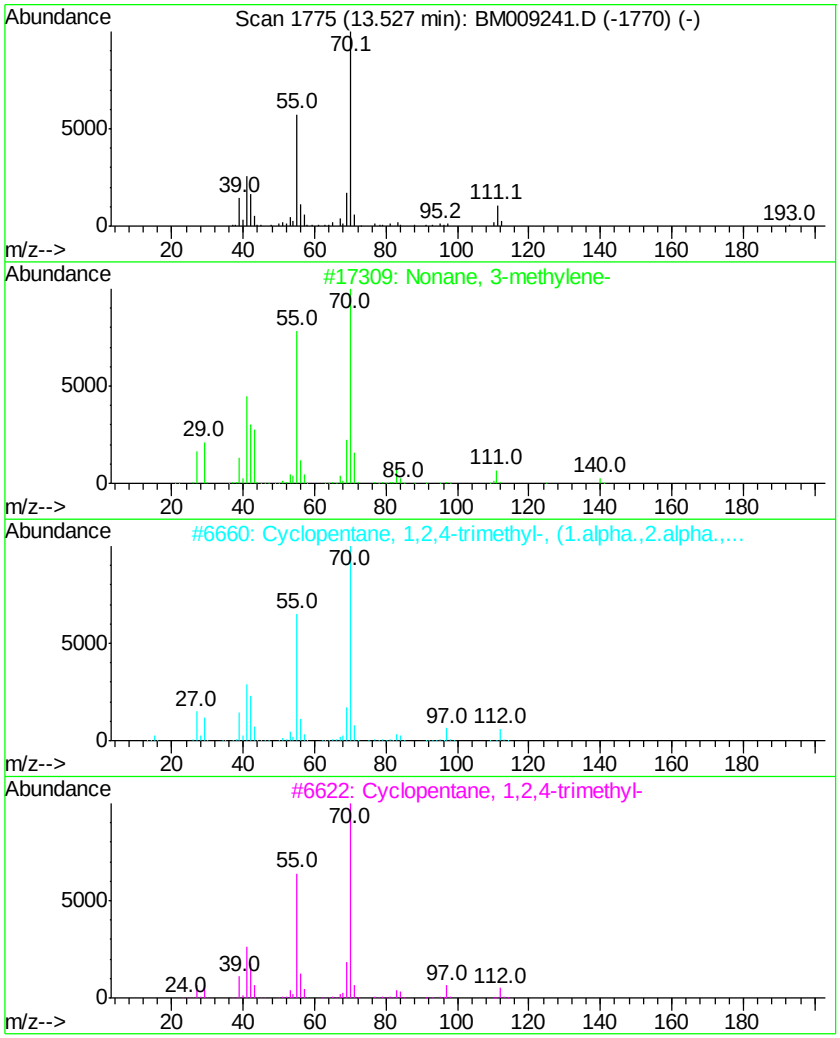
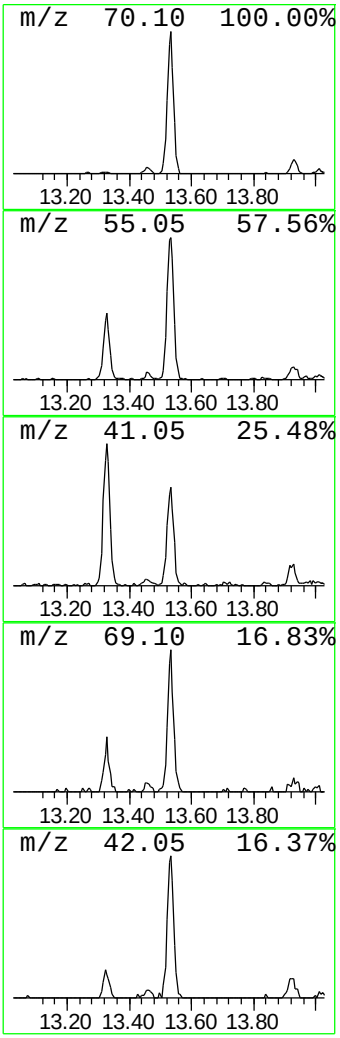
Peak Number 3 (DEL) Alkane: Cyclic13.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.44 ng/ul	430421	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methylene-	140	C10H20	051655-64-2	78
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	78
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	78
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	59





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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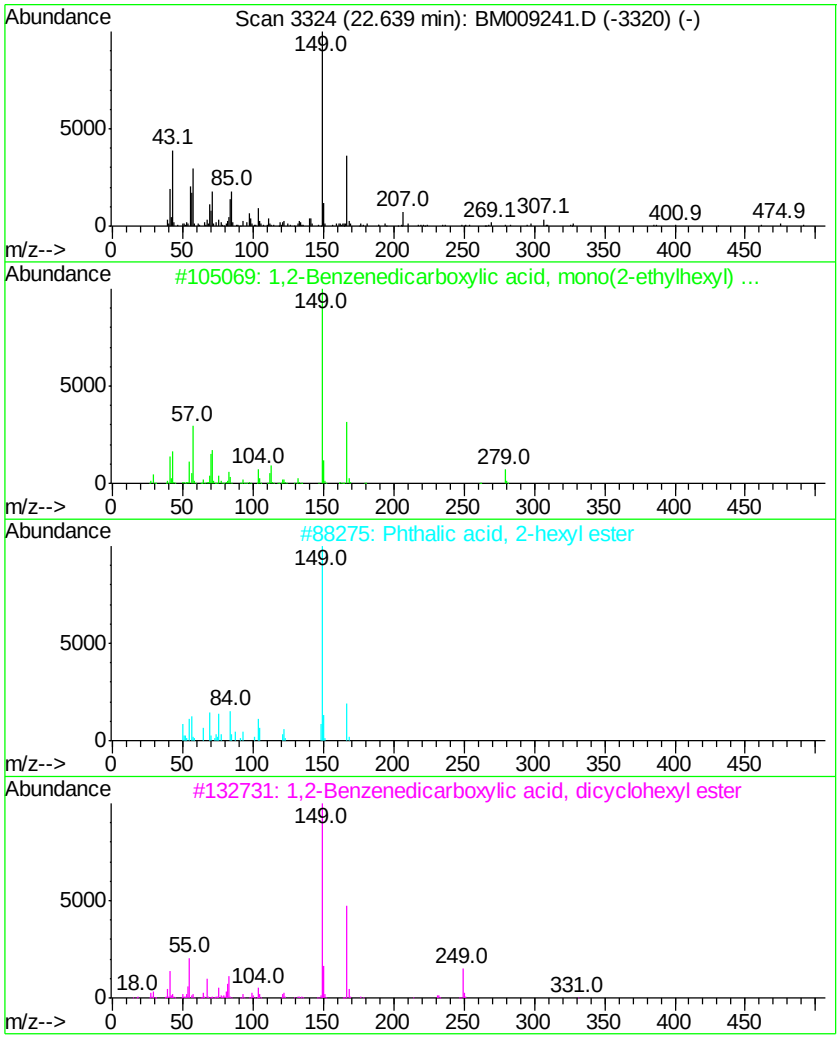
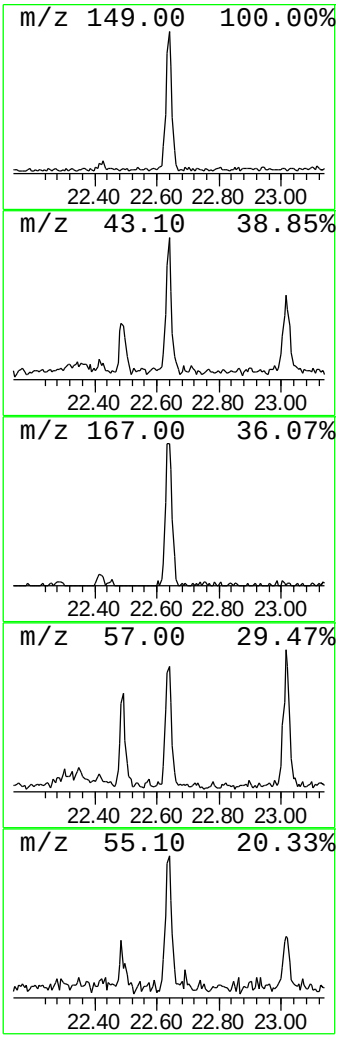
Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.01 ng/ul	408368	Perylene-d12	23.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	72
2	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	64
3	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	59
4	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	53
5	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	53





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	9.49	3.4	ng/ul	206271	2	10.67	1204430	20.0
unknown-01	13.33	7.1	ng/ul	684533	3	14.52	1940230	20.0
(DEL) Alkane: Cyc...	13.53	4.4	ng/ul	430421	3	14.52	1940230	20.0
1,2-Benzenedicarb...	22.64	2.0	ng/ul	408368	6	23.77	4060210	20.0