LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008813.D
Acq On : 23 Jan 2017 22:07
Operator : UM/SJ
Sample : I1315-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN55

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	7.087	759	765	771	rBV2	146090	224240	6.86%	0.735%
2	7.269	788	796	804	rBV	375958	569522	17.41%	1.866%
3	7.463	821	829	837	rBV	461322	757488	23.16%	2.482%
4	7.939	902	910	915	rBV	392176	627780	19.19%	2.057%
5	7.992	915	919	924	rVB2	91337	140673	4.30%	0.461%
6	8.628	1021	1027	1034	rBV2	350284	568196	17.37%	1.862%
7	9.034	1088	1096	1101	rBV2	76476	127671	3.90%	0.418%
8	9.104	1101	1108	1114	rBV	633123	1039691	31.79%	3.407%
9	9.822	1222	1230	1240	rBV	580358	968237	29.60%	3.173%
10	10.351	1313	1320	1329	rBV	708456	1165489	35.63%	3.820%
11	10.645	1365	1370	1377	rVB2	29581	44991	1.38%	0.147%
12	10.739	1379	1386	1393	rBV	458312	795840	24.33%	2.608%
13	11.498	1510	1515	1526	rVB5	14207	35024	1.07%	0.115%
14	12.004	1596	1601	1607	rVB2	96456	151696	4.64%	0.497%
15	12.922	1753	1757	1763	rVB3	29123	49466	1.51%	0.162%
16	13.174	1795	1800	1806	rBV	56966	77771	2.38%	0.255%
17	13.492	1850	1854	1861	rVB2	44716	67957	2.08%	0.223%
18	13.980	1931	1937	1948	rVB	1346299	1838010	56.19%	6.024%
19	14.269	1979	1986	1994	rBV	1234745	1816102	55.52%	5.952%
20	14.574	2031	2038	2045	rBV	723010	1058781	32.37%	3.470%
21	14.751	2059	2068	2075	rBV	176085	252488	7.72%	0.827%
22	15.245	2147	2152	2156	rBV2	27886	39199	1.20%	0.128%
23	15.568	2200	2207	2214	rVB	1610021	2356068	72.03%	7.721%
24	15.674	2219	2225	2232	rBV	837219	1122493	34.32%	3.679%
25	17.315	2498	2504	2511	rBV2	937042	1339970	40.97%	4.391%
26	17.415	2515	2521	2531	rVB	1980796	2782618	85.07%	9.119%
27	17.974	2611	2616	2621	rBV	628824	802682	24.54%	2.631%
28	18.186	2648	2652	2657	rBV4	47340	57013	1.74%	0.187%
29	19.339	2842	2848	2852	rBV4	26564	40931	1.25%	0.134%
30	19.462	2865	2869	2875	rBV3	102906	134466	4.11%	0.441%
31	19.703	2904	2910	2918	rBV	2420356	3270991	100.00%	10.720%
32	21.486	3208	3213	3219	rBV	1371400	1663870	50.87%	5.453%
33	22.562	3392	3396	3401	rVB	279018	375247	11.47%	1.230%
34	23.697	3582	3589	3597	rVB	1461330	2786967	85.20%	9.134%

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Integration Parameters: LSCINT.P
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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	23.850	3608	3615	3624	rVB2	688345	1363663	41.69%	4.469%

Sum of corrected areas: 30513291

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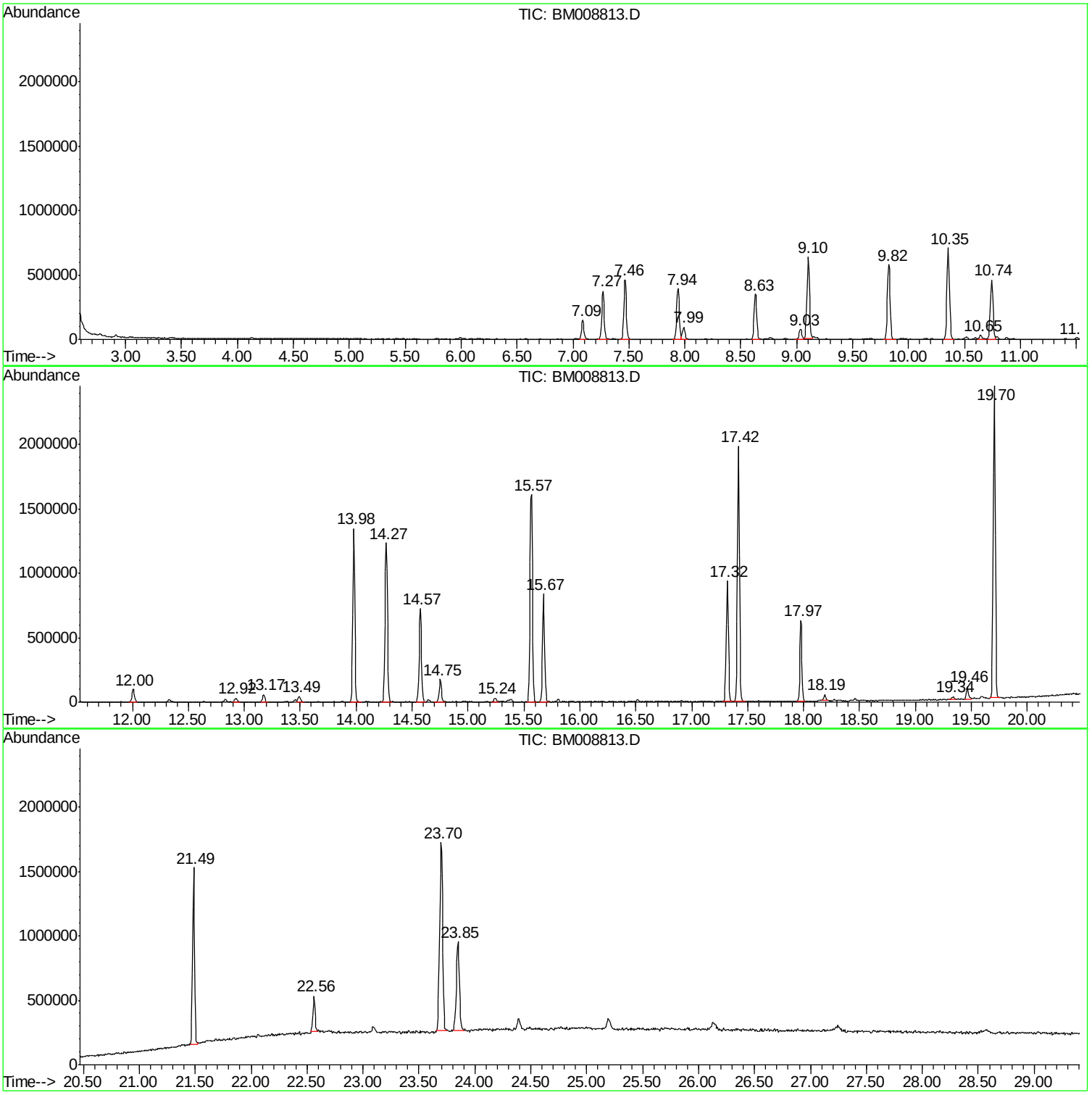
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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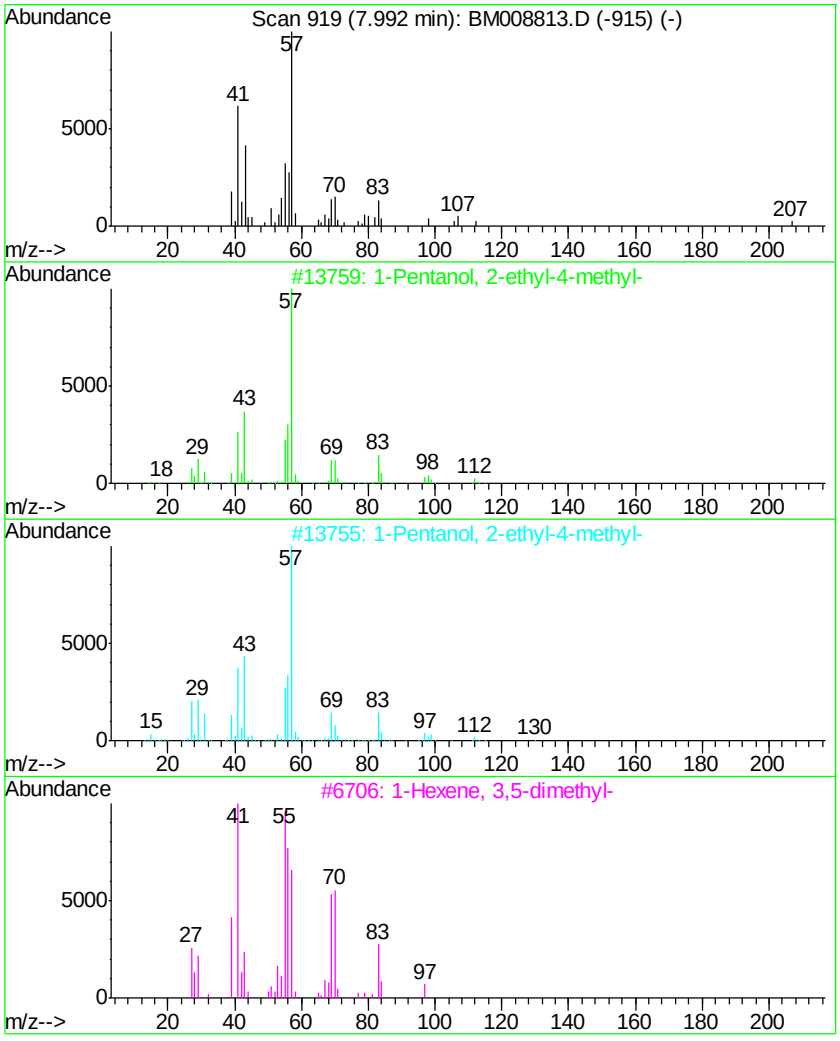
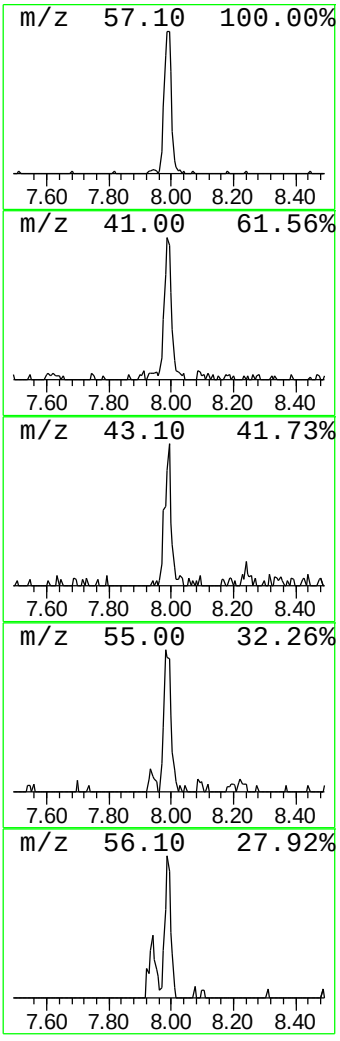
Peak Number 1 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	4.48 ng/ul	140673	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
3	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	50
4	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	50
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BDN55

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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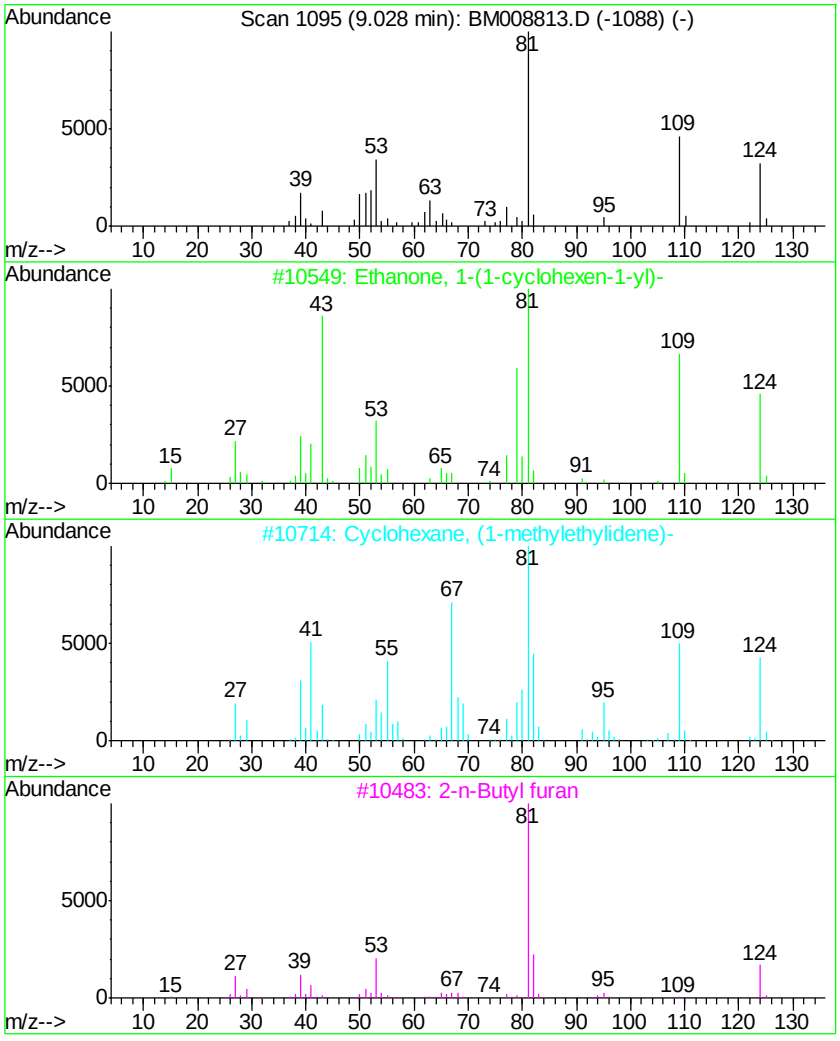
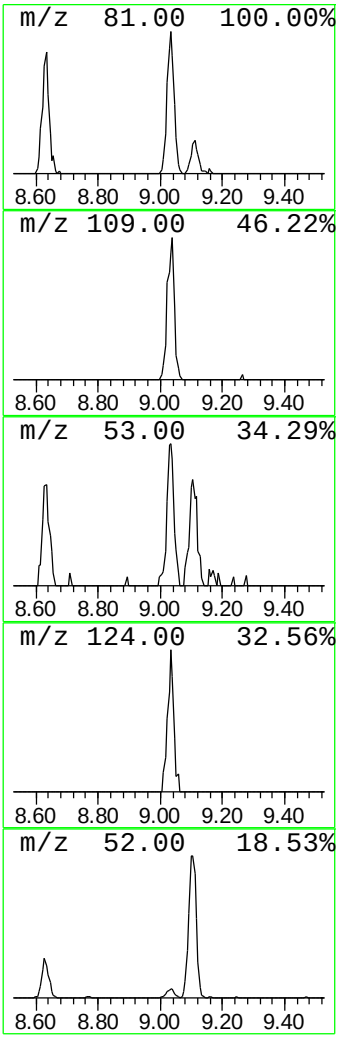
Peak Number 2 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.07 ng/ul	127671	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	64
2	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	59
3	2-n-Butyl furan	124	C8H12O	004466-24-4	47
4	2-Propanone, 1-(1H-pyrazol-1-yl)-	124	C6H8N2O	1000337-51-8	47
5	2-Furanmethanamine, N-(2-furanyl...	177	C10H11NO2	018240-50-1	40





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN55

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

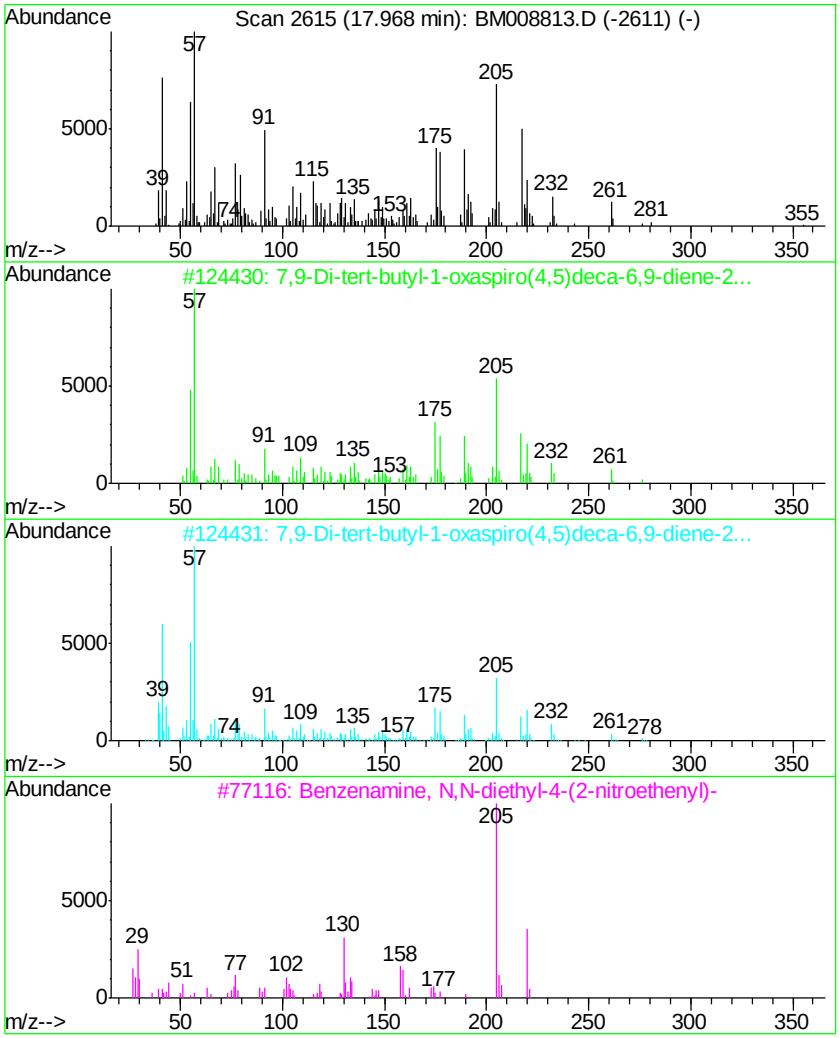
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

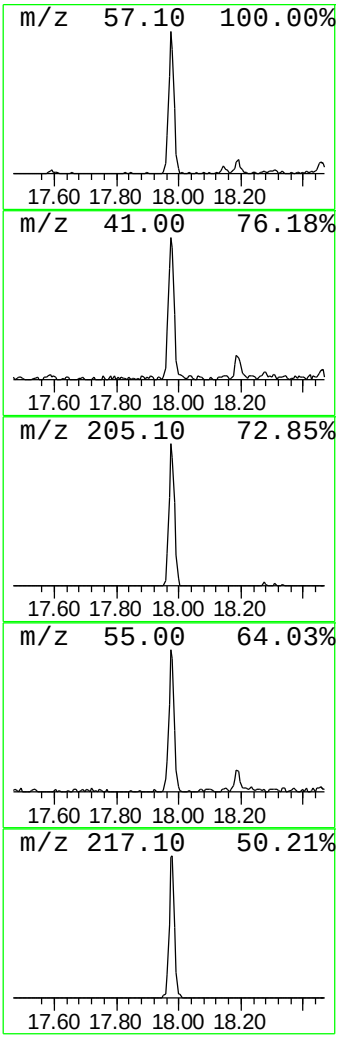
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	11.98 ng/ul	802682	Phenanthrene-d10	17.32

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	55
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	52
4	3-Acetylphenanthrene	220	C16H12O	002039-76-1	45
5	2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	35





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Quant Title : SVOA CALIBRATION

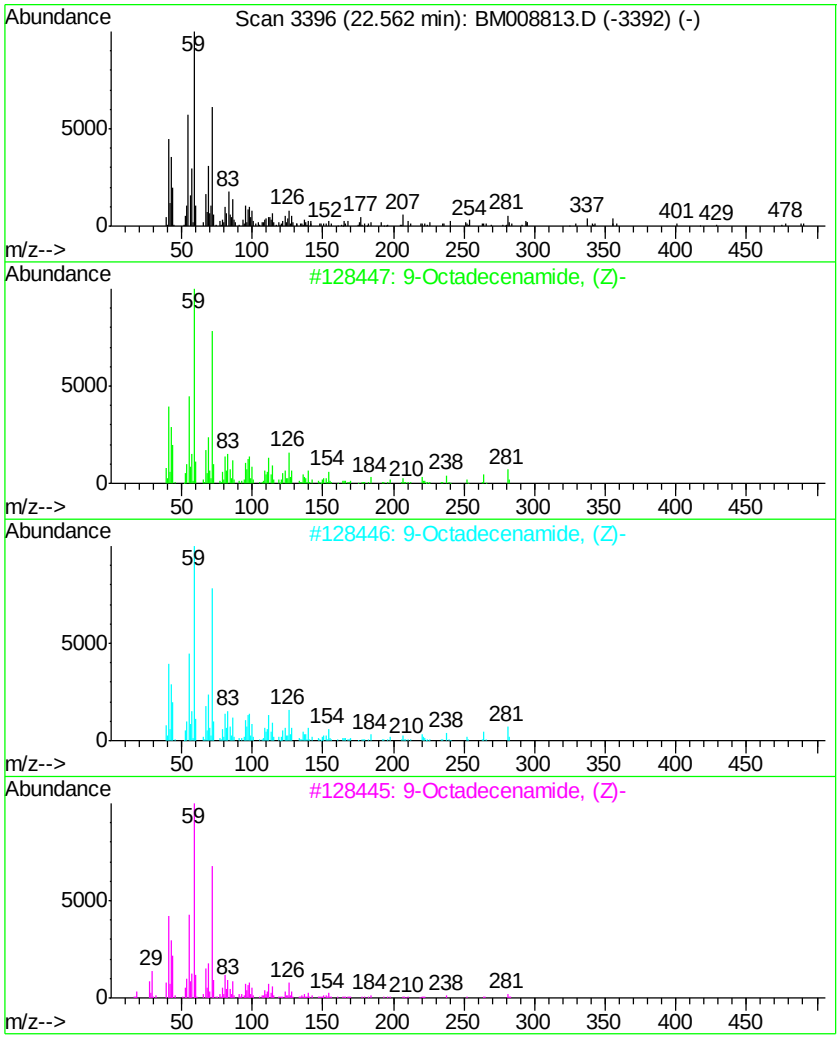
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

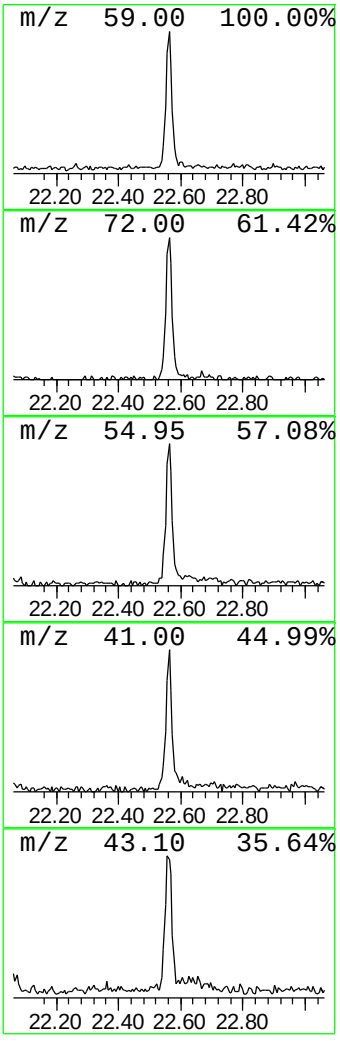
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	4.51 ng/ul	375247	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
5	Octadecanamide	283	C18H37NO	000124-26-5	50





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentanol, 2-eth...	7.99	4.5	ng/ul	140673	1	7.94	627780	20.0
Ethanone, 1-(1-cy...	9.03	4.1	ng/ul	127671	1	7.94	627780	20.0
7,9-Di-tert-butyl...	17.97	12.0	ng/ul	802682	4	17.32	1339970	20.0
9-Octadecenamide,...	22.56	4.5	ng/ul	375247	5	21.49	1663870	20.0