LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
Data File : BM011842.D
Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

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\SOM-EPA-BM092717.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	4.975	316	321	329	rBV	80649	134609	2.39%	0.256%
2	7.034	666	671	683	rBV2	143721	271458	4.82%	0.516%
3	7.204	692	700	713	rBV	495317	838610	14.90%	1.594%
4	7.404	728	734	751	rVB	560646	979105	17.40%	1.861%
5	7.881	808	815	829	rBV	531802	958684	17.04%	1.822%
6	8.581	926	934	945	rBV	427861	753385	13.39%	1.432%
7	9.040	1005	1012	1024	rBV	745817	1335542	23.74%	2.538%
8	9.763	1128	1135	1148	rBV	657037	1169129	20.78%	2.222%
9	10.298	1219	1226	1236	rBV	807810	1448202	25.74%	2.752%
10	10.492	1252	1259	1266	rBV2	37529	67803	1.21%	0.129%
11	10.681	1284	1291	1298	rBV	805650	1378471	24.50%	2.620%
12	10.828	1305	1316	1324	rBV4	62073	175741	3.12%	0.334%
13	11.381	1404	1410	1418	rBV	81058	143354	2.55%	0.272%
14	12.016	1510	1518	1522	rBV3	75692	144494	2.57%	0.275%
15	12.104	1529	1533	1545	rVB10	29074	71420	1.27%	0.136%
16	12.445	1588	1591	1602	rVB7	40515	83064	1.48%	0.158%
17	12.622	1614	1621	1629	rBV9	32831	85527	1.52%	0.163%
18	12.704	1630	1635	1641	rVB6	30026	56438	1.00%	0.107%
19	12.810	1641	1653	1660	rBV6	26568	102186	1.82%	0.194%
20	13.016	1682	1688	1696	rVB7	34914	77123	1.37%	0.147%
21	13.304	1731	1737	1746	rBV6	58419	139582	2.48%	0.265%
22	13.563	1777	1781	1787	rBV3	47553	73794	1.31%	0.140%
23	13.733	1806	1810	1814	rBV4	68111	100364	1.78%	0.191%
24	13.927	1837	1843	1850	rVB	1715786	2401671	42.68%	4.564%
25	14.216	1886	1892	1901	rVB	1700931	2552581	45.37%	4.851%
26	14.363	1903	1917	1926	rBV	1866162	4466895	79.39%	8.489%
27	14.522	1937	1944	1950	rBV2	1160550	1780777	31.65%	3.384%
28	14.716	1971	1977	1986	rBV2	121472	251213	4.46%	0.477%
29	14.898	2003	2008	2011	rBV6	39336	70044	1.24%	0.133%
30	15.310	2074	2078	2087	rVB5	75972	136366	2.42%	0.259%
31	15.510	2106	2112	2125	rVB	2393456	3361317	59.74%	6.388%
32	15.627	2126	2132	2141	rBV	1185593	1669798	29.68%	3.173%
33	15.751	2149	2153	2160	rVB	123290	200113	3.56%	0.380%
34	16.033	2194	2201	2210	rBV7	48018	123806	2.20%	0.235%

LSC Area Percent Report

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Data File : BM011842.D
Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

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\SOM-EPA-BM092717.M
Title : SVOA CALIBRATION

35	16.110	2210	2214	2219	rVB	36102	56429	1.00%	0.107%
36	17.263	2404	2410	2416	rBV2	1635532	2321151	41.25%	4.411%
37	17.363	2420	2427	2435	rBV	2734927	3841154	68.27%	7.300%
38	18.133	2555	2558	2565	rVB3	48718	67887	1.21%	0.129%
39	19.286	2748	2754	2757	rBV	48904	94316	1.68%	0.179%
40	19.409	2771	2775	2782	rBV2	109629	165301	2.94%	0.314%
41	19.651	2810	2816	2821	rBV	3808355	5083374	90.34%	9.661%
42	21.427	3113	3118	3127	rBV2	2441733	3610649	64.17%	6.862%
43	23.615	3482	3490	3501	rBV2	2809295	5626718	100.00%	10.693%
44	23.762	3508	3515	3527	rVB	1680053	3228809	57.38%	6.136%
45	24.286	3599	3604	3610	rVB	206652	403193	7.17%	0.766%
46	25.068	3732	3737	3746	rVB	229717	517283	9.19%	0.983%

Sum of corrected areas: 52618930

LSC Report - Integrated Chromatogram

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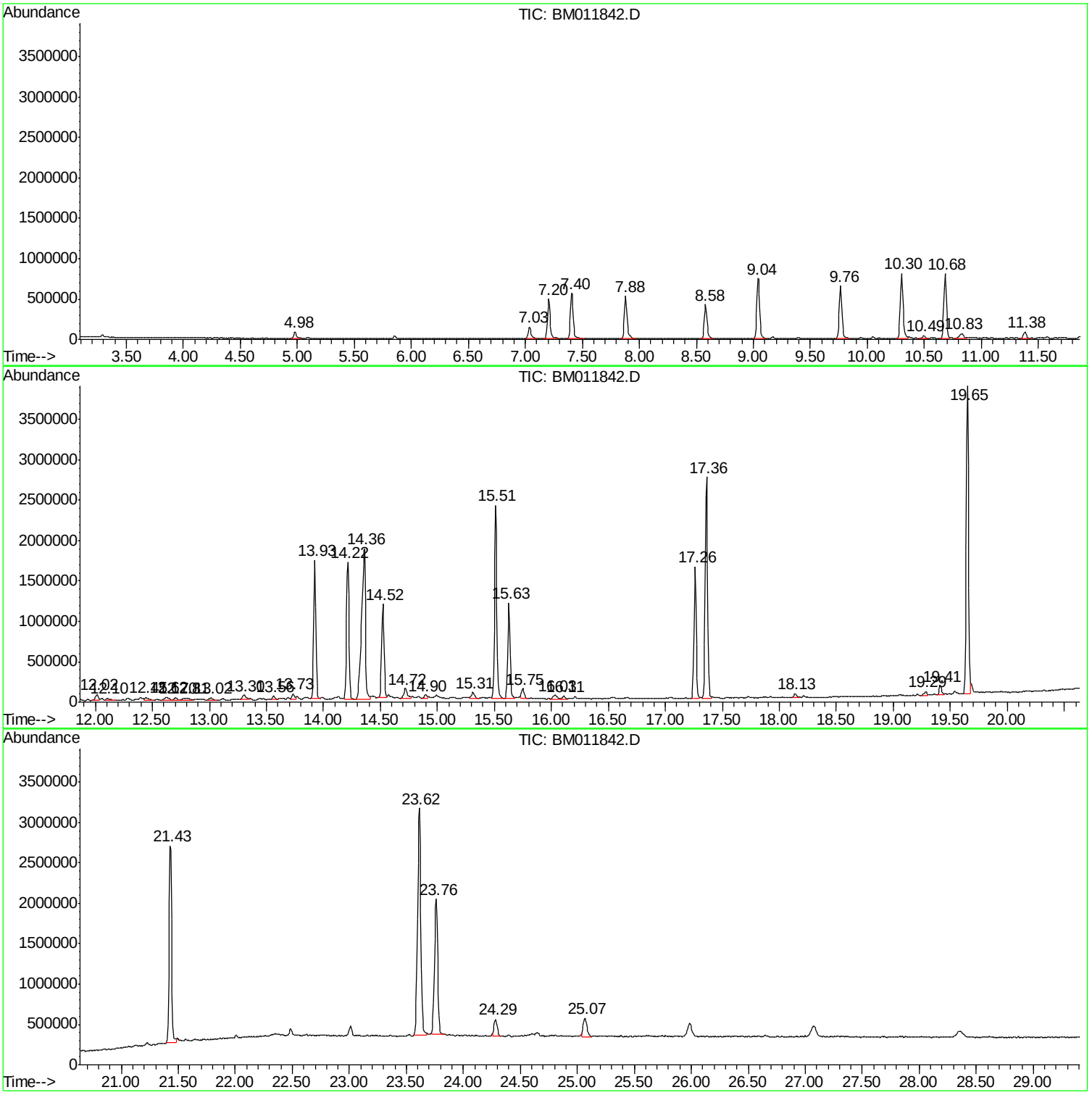
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
Data File : BM011842.D
Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

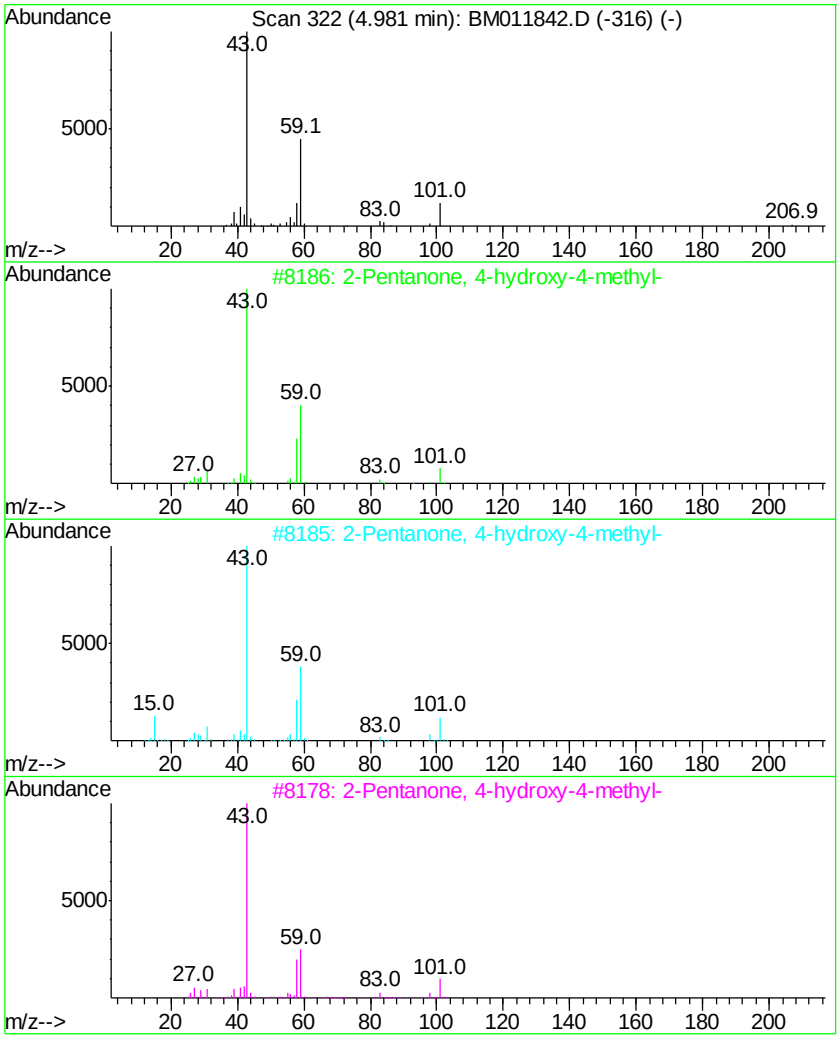
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

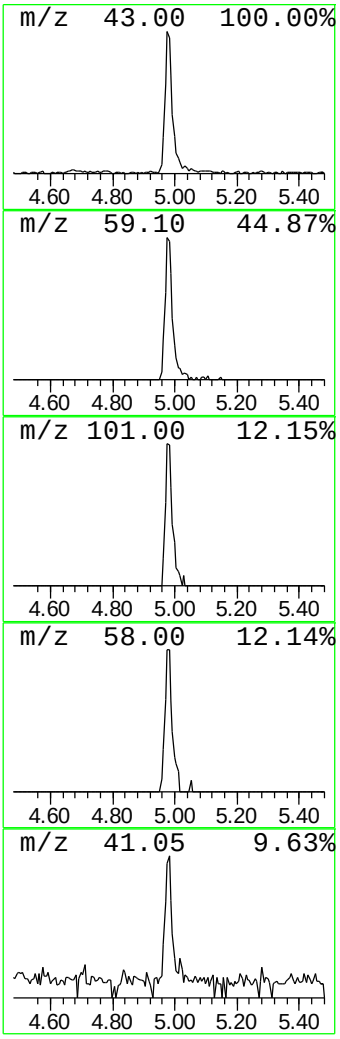
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.81 ng/ul	134609	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
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Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

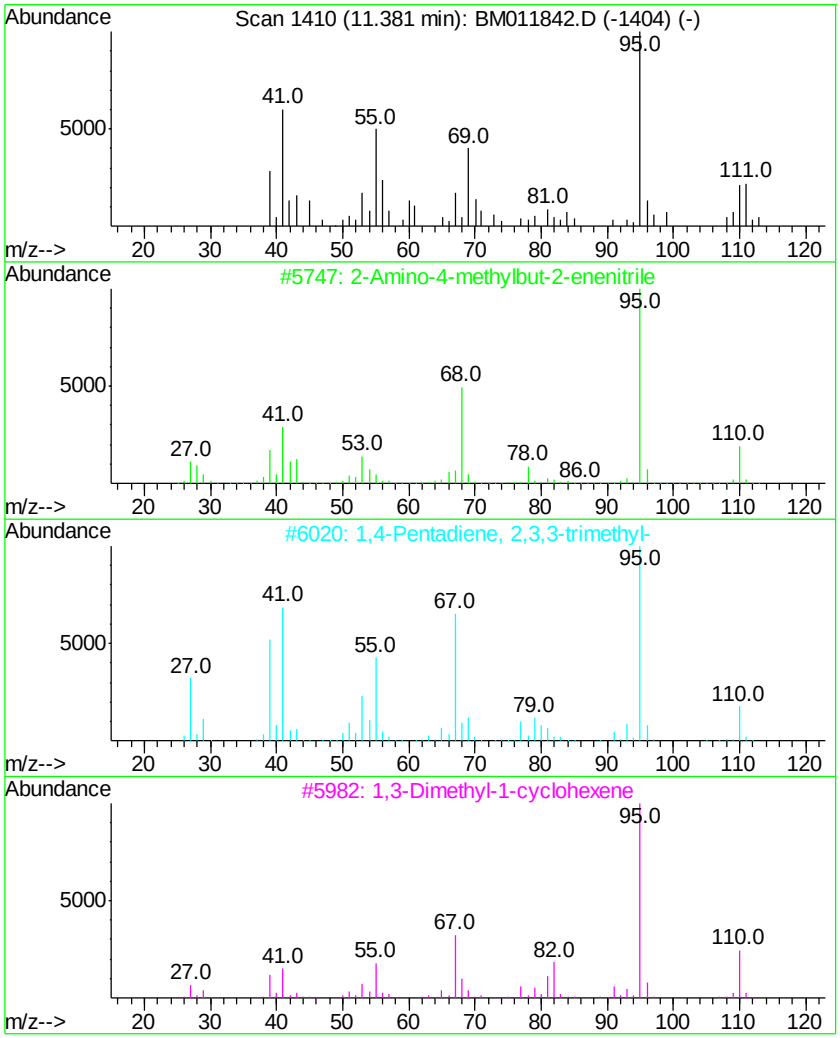
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

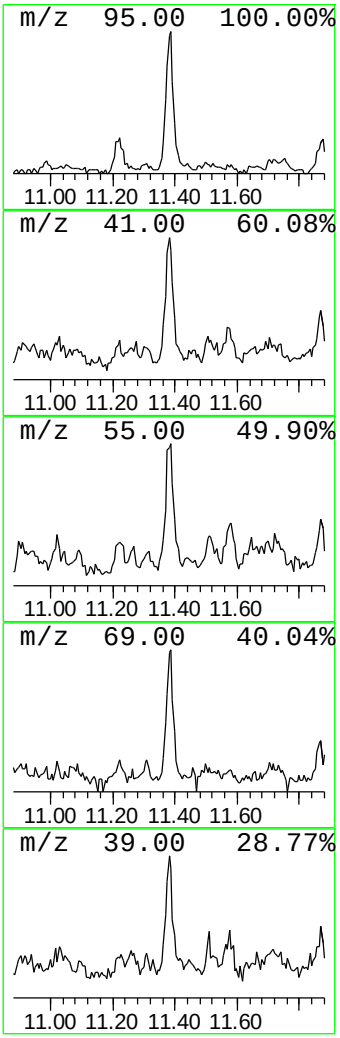
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.08 ng/ul	143354	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	47
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	47
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	47
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	47
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
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Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

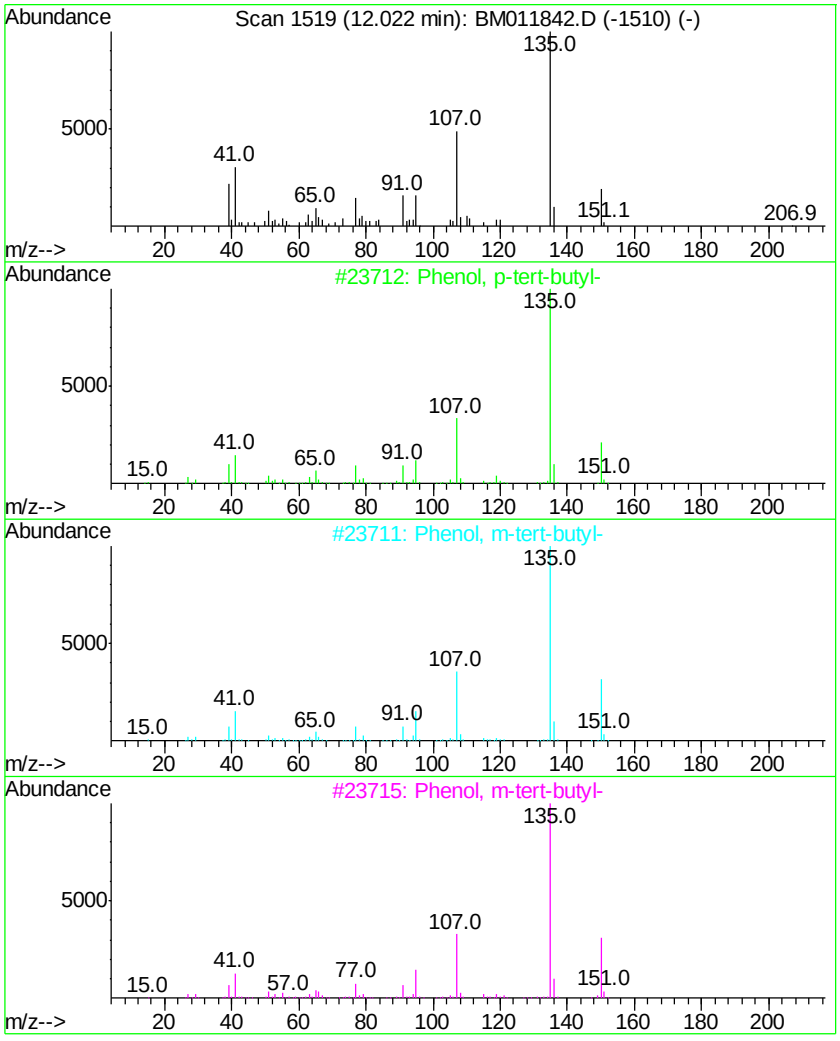
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

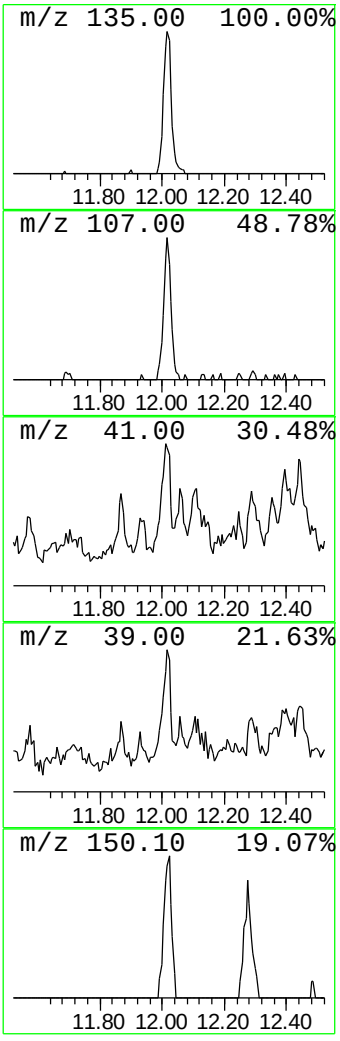
****

Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.10 ng/ul	144494	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	70





Library Search Compound Report

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Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

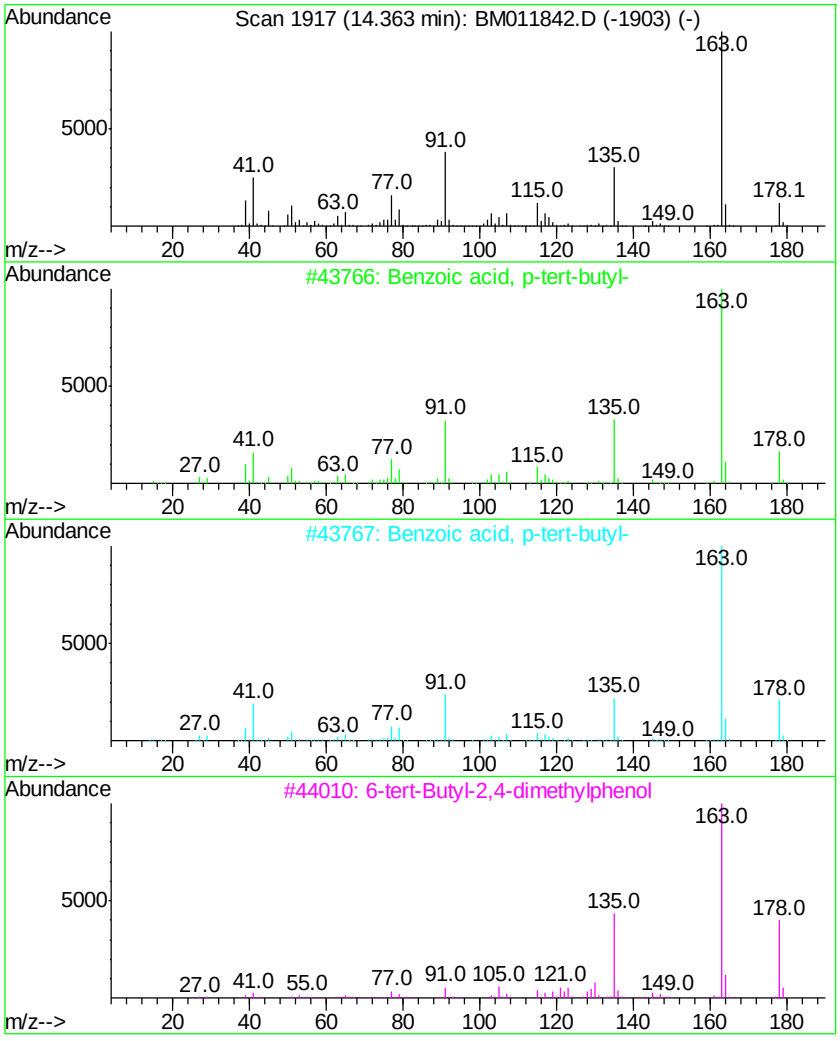
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

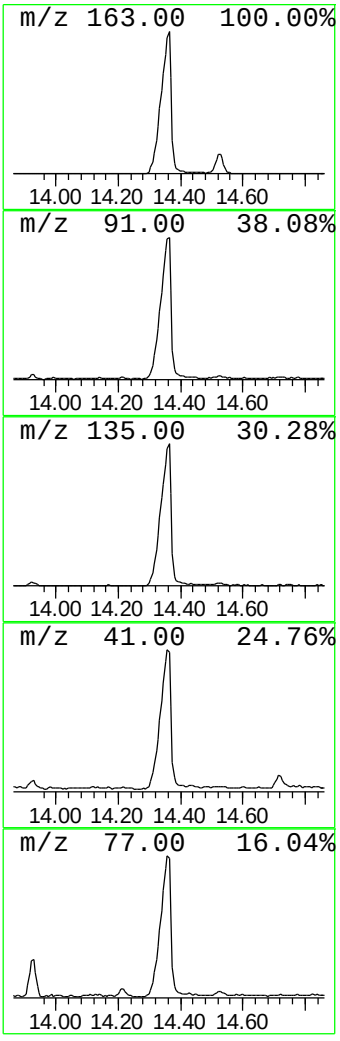
****

Peak Number 4 Benzoic acid, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	50.17 ng/ul	4466900	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	94
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	91
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	68
4	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	59
5	Propofol	178	C12H18O	002078-54-8	53





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

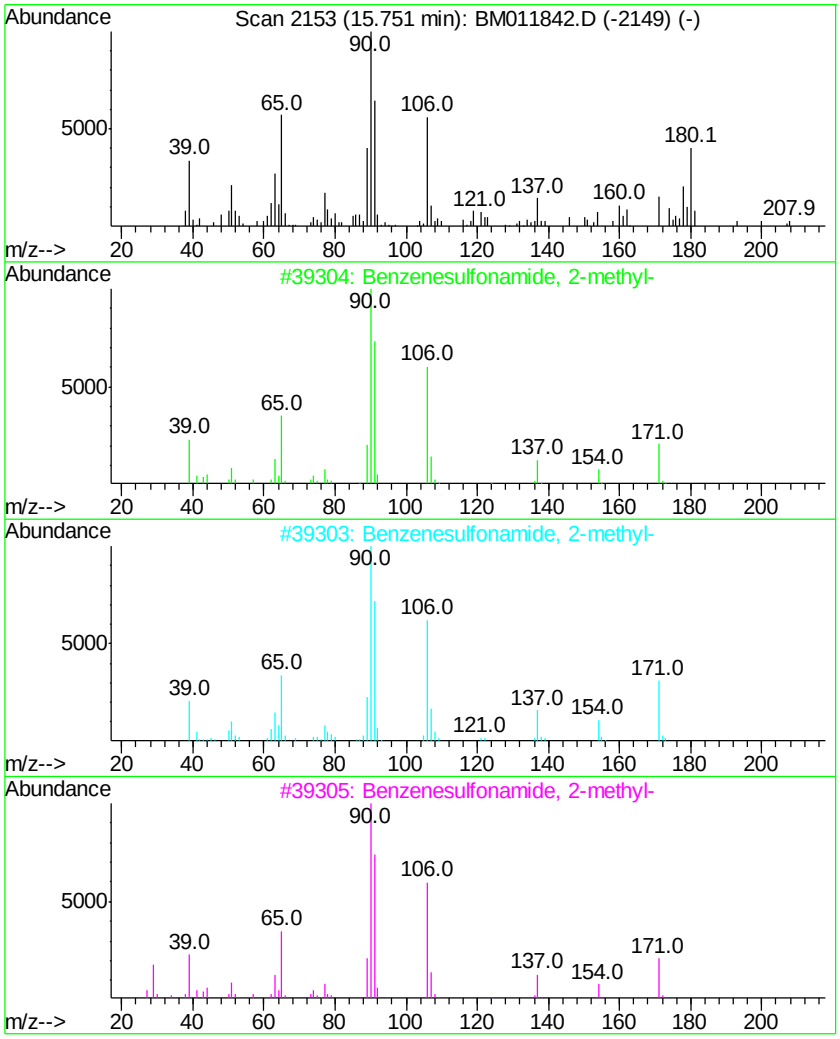
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

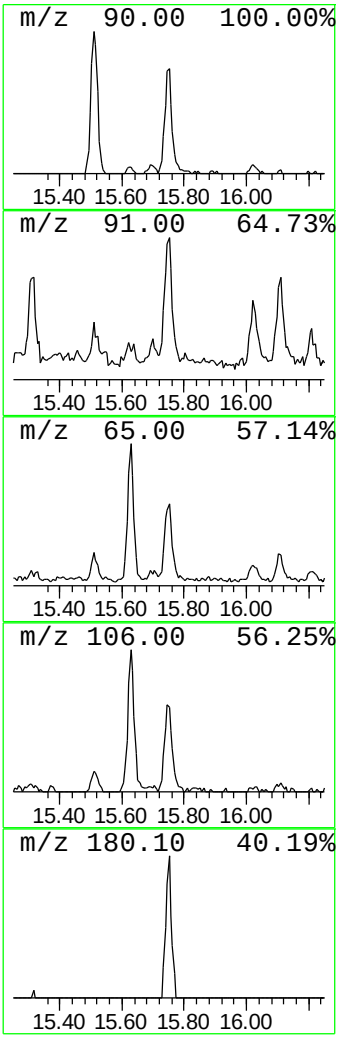
****

Peak Number 5 Benzenesulfonamide, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.25 ng/ul	200113	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	89
2	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	83
3	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	76
4	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	68
5	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	49





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Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

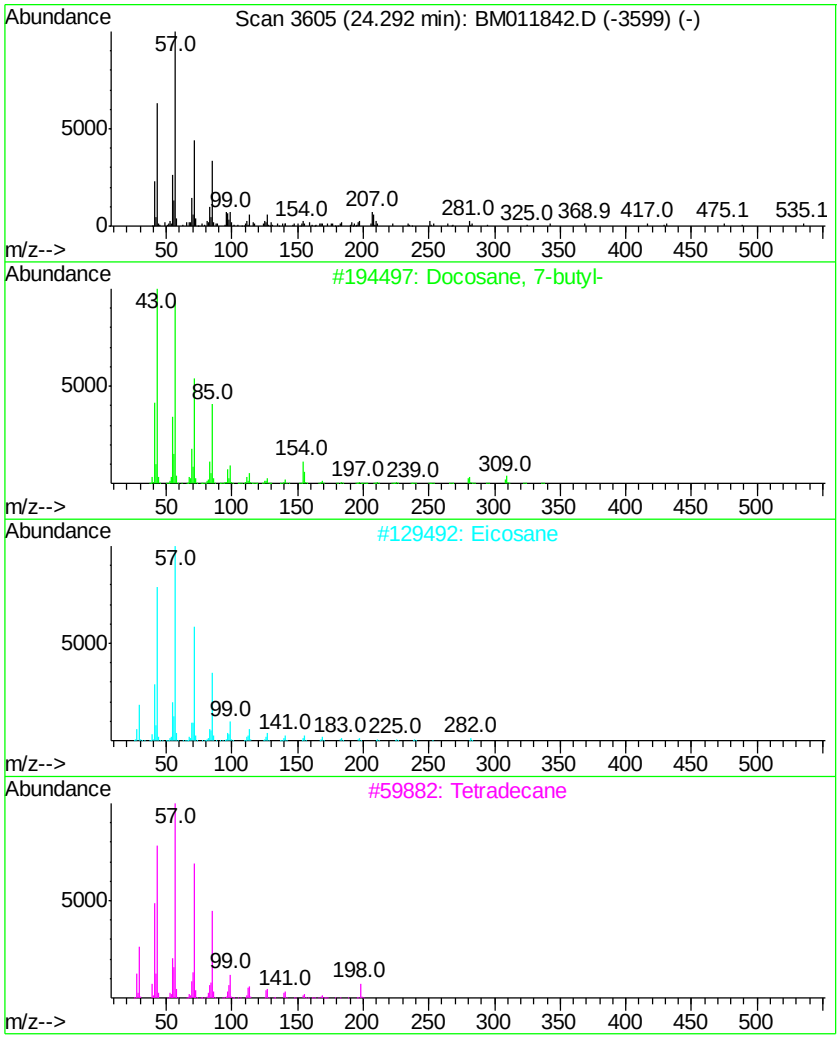
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

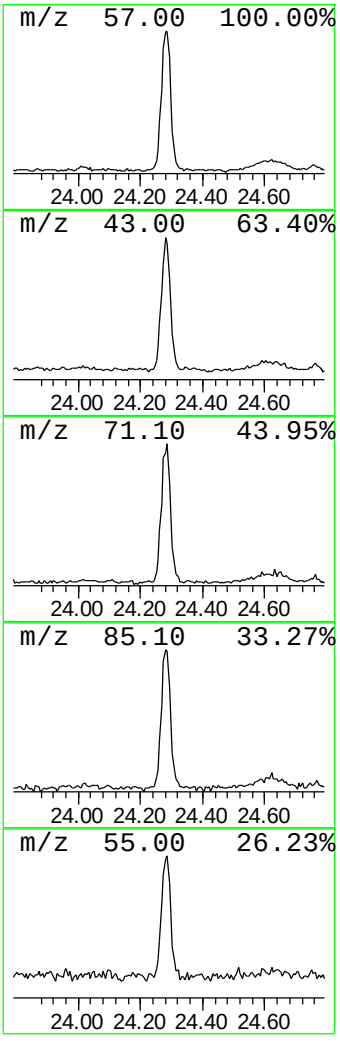
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	2.50 ng/ul	403193	Perylene-d12	23.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-butyl-	366	C26H54	055282-15-0	83
2	Eicosane	282	C20H42	000112-95-8	72
3	Tetradecane	198	C14H30	000629-59-4	68
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68





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Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

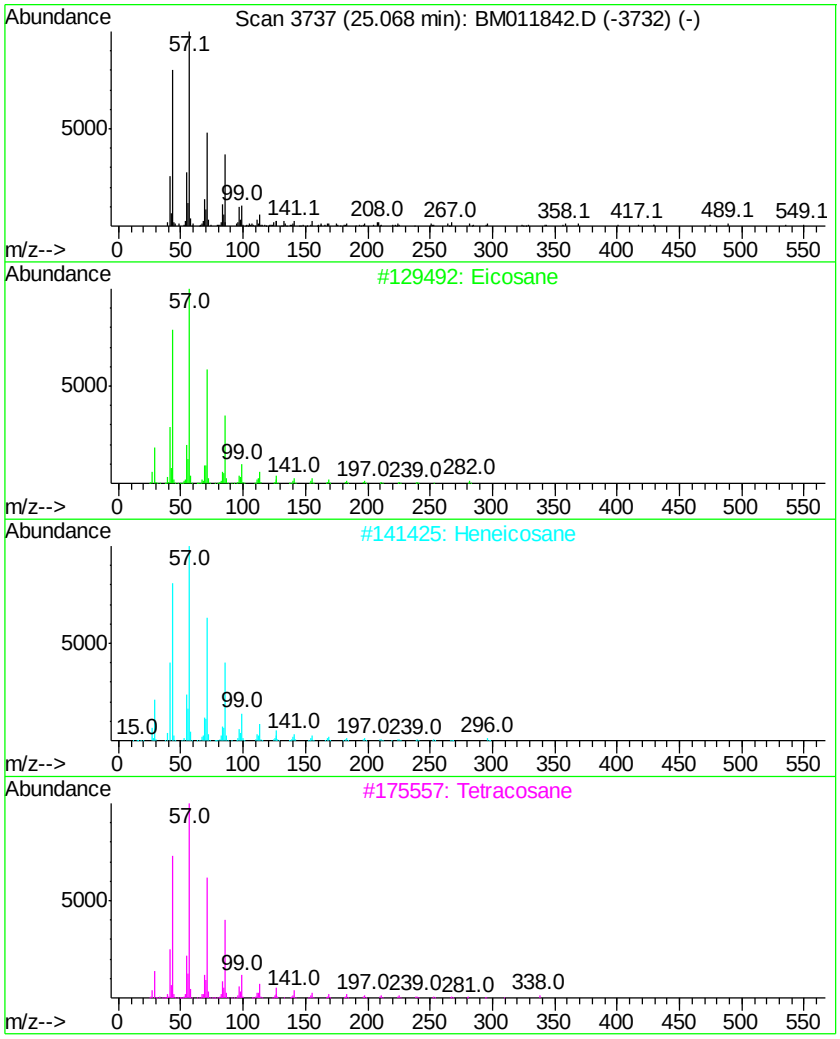
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

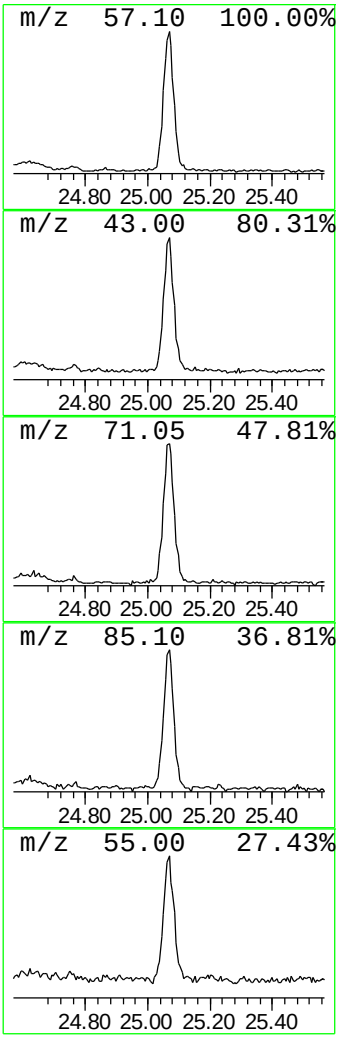
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	3.20 ng/ul	517283	Perylene-d12	23.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	89
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5	Hentriacontane	437	C31H64	000630-04-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100117\
Data File : BM011842.D
Acq On : 02 Oct 2017 11:05
Operator : SJ/JU
Sample : I5477-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET234

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
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
2-Pentanone, 4-hy...	4.98	2.8	ng/ul	134609	1	7.88	958684	20.0
unknown-01	11.38	2.1	ng/ul	143354	2	10.68	1378470	20.0
Phenol, p-tert-bu...	12.02	2.1	ng/ul	144494	2	10.68	1378470	20.0
Benzoic acid, p-t...	14.36	50.2	ng/ul	4466900	3	14.52	1780780	20.0
Benzenesulfonamid...	15.75	2.3	ng/ul	200113	3	14.52	1780780	20.0
(DEL) Alkane: Str...	24.29	2.5	ng/ul	403193	6	23.76	3228810	20.0
(DEL) Alkane: Str...	25.07	3.2	ng/ul	517283	6	23.76	3228810	20.0