LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012258.D
Acq On : 17 Oct 2017 20:59
Operator : SJ/JU
Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

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-BM101217.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	6.451	565	572	581	rVB	519252	827100	17.08%	1.870%
2	6.963	653	659	673	rBV2	301724	726372	15.00%	1.642%
3	7.122	680	686	696	rBV	248796	430838	8.90%	0.974%
4	7.210	696	701	706	rVB	48218	80141	1.66%	0.181%
5	7.322	713	720	733	rBV	338599	613278	12.67%	1.386%
6	7.786	793	799	811	rBV	643658	1100447	22.73%	2.488%
7	7.916	816	821	829	rVB	31606	56702	1.17%	0.128%
8	8.504	915	921	938	rBV	419678	821309	16.97%	1.857%
9	8.957	991	998	1011	rBV	322608	626888	12.95%	1.417%
10	9.680	1112	1121	1134	rBV	292932	573326	11.84%	1.296%
11	10.222	1207	1213	1230	rBV	409704	848953	17.54%	1.919%
12	10.586	1269	1275	1288	rBV	980851	1698870	35.09%	3.841%
13	10.739	1294	1301	1318	rBV	350714	781945	16.15%	1.768%
14	11.916	1493	1501	1511	rBV	53900	109879	2.27%	0.248%
15	13.851	1822	1830	1834	rBV	827963	1253720	25.90%	2.834%
16	13.898	1834	1838	1846	rVB	449005	668893	13.82%	1.512%
17	14.133	1872	1878	1888	rVB	927515	1428781	29.51%	3.230%
18	14.310	1901	1908	1919	rBV4	38644	103872	2.15%	0.235%
19	14.439	1924	1930	1940	rVV2	1439127	2234279	46.15%	5.051%
20	14.680	1965	1971	1988	rBV	151754	438145	9.05%	0.991%
21	15.221	2059	2063	2066	rBV	40215	53004	1.09%	0.120%
22	15.257	2066	2069	2076	rVB	85227	125237	2.59%	0.283%
23	15.433	2093	2099	2107	rBV	1439209	2206782	45.58%	4.989%
24	15.586	2120	2125	2136	rBV	316716	618257	12.77%	1.398%
25	15.798	2156	2161	2170	rBV	459584	664383	13.72%	1.502%
26	17.192	2392	2398	2404	rBV2	2423597	3444793	71.16%	7.788%
27	17.292	2409	2415	2423	rBV	1620304	2529595	52.25%	5.719%
28	18.068	2543	2547	2552	rBV	407344	591740	12.22%	1.338%
29	19.350	2761	2765	2775	rBV	241373	406143	8.39%	0.918%
30	19.586	2800	2805	2811	rBV	1869316	2582424	53.34%	5.838%
31	19.962	2866	2869	2876	rBV	178170	242085	5.00%	0.547%
32	20.356	2933	2936	2942	rBV	412959	586362	12.11%	1.326%
33	20.497	2957	2960	2964	rVB	731566	757788	15.65%	1.713%
34	20.544	2965	2968	2973	rVB	136229	179469	3.71%	0.406%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

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-BM101217.M
Title : SVOA CALIBRATION

35	21.050	3050	3054	3062	rBV2	742922	1304814	26.95%	2.950%
36	21.297	3094	3096	3101	rBV3	230051	272678	5.63%	0.616%
37	21.374	3104	3109	3120	rVB	3578963	4841147	100.00%	10.945%
38	22.409	3282	3285	3290	rVB2	477909	635041	13.12%	1.436%
39	23.527	3470	3475	3481	rVB2	1332718	2443938	50.48%	5.525%
40	23.674	3494	3500	3512	rVB	2161687	4323292	89.30%	9.774%

Sum of corrected areas: 44232710

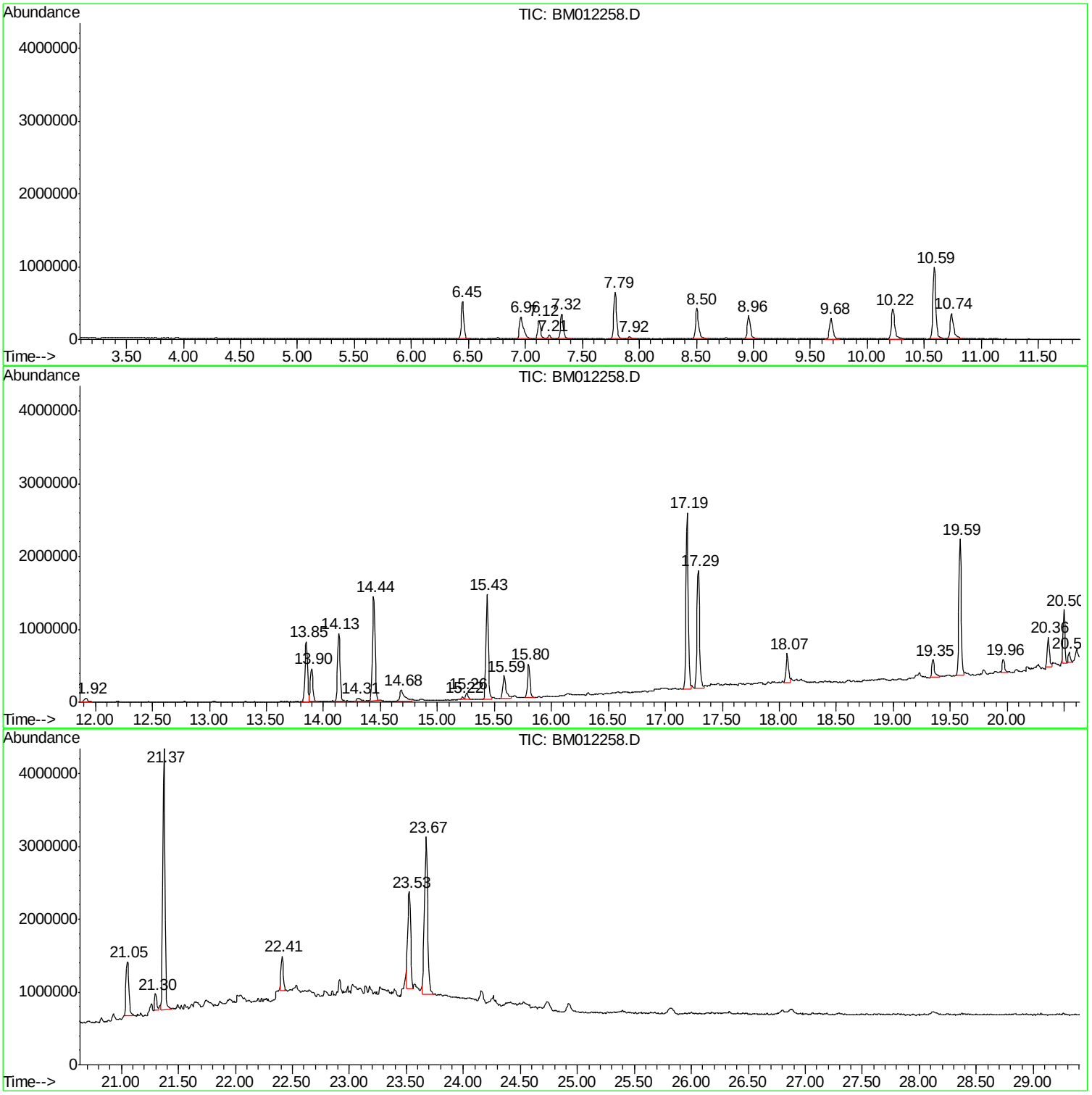
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012258.D
Acq On : 17 Oct 2017 20:59
Operator : SJ/JU
Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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\BM101717\
Data File : BM012258.D
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Operator : SJ/JU
Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

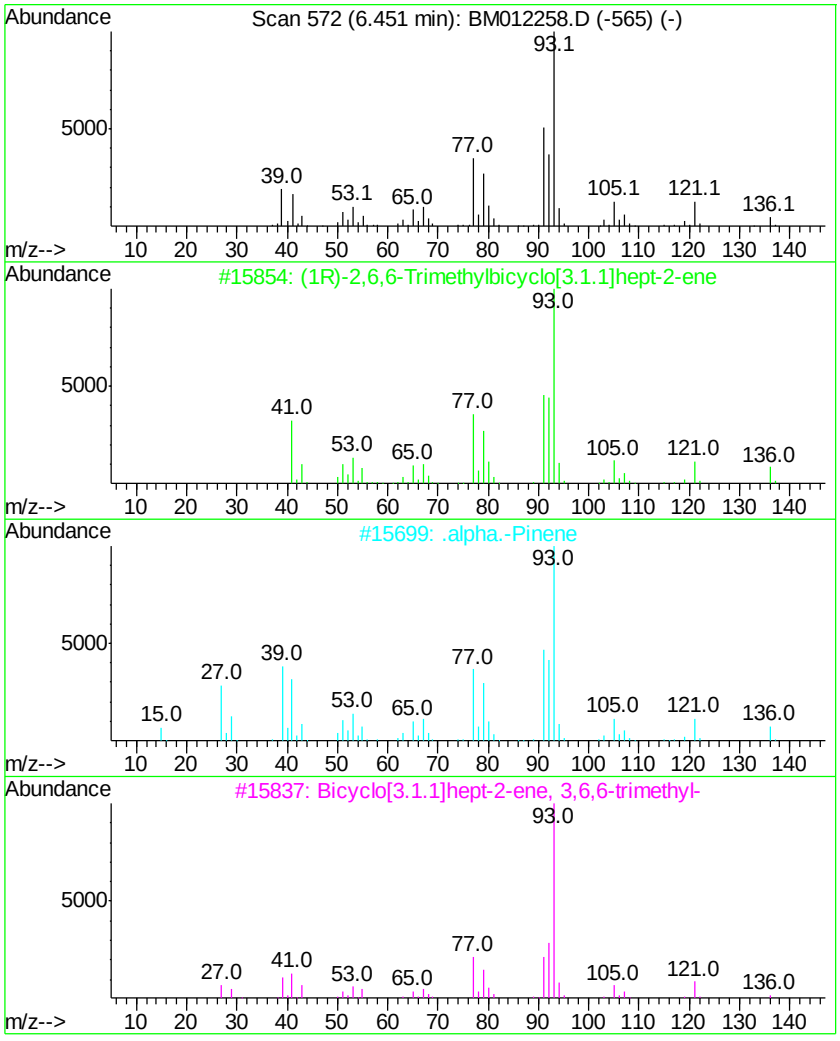
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

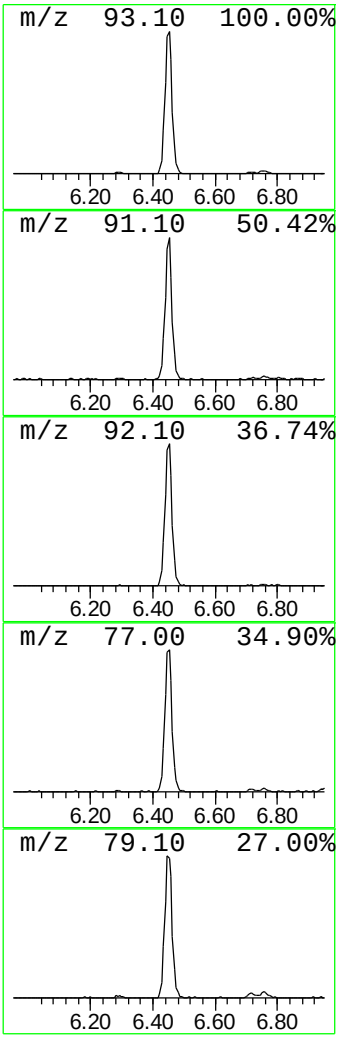
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	15.03 ng/ul	827100	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	3-Carene	136	C10H16	013466-78-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012258.D
Acq On : 17 Oct 2017 20:59
Operator : SJ/JU
Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

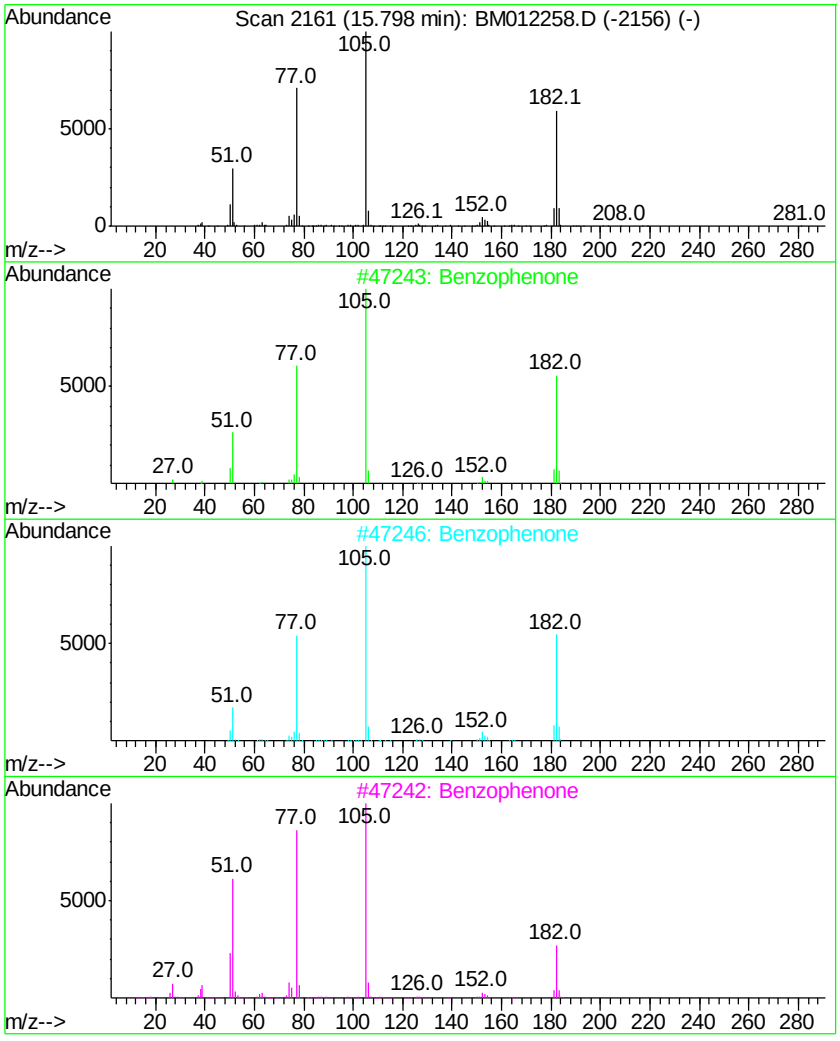
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

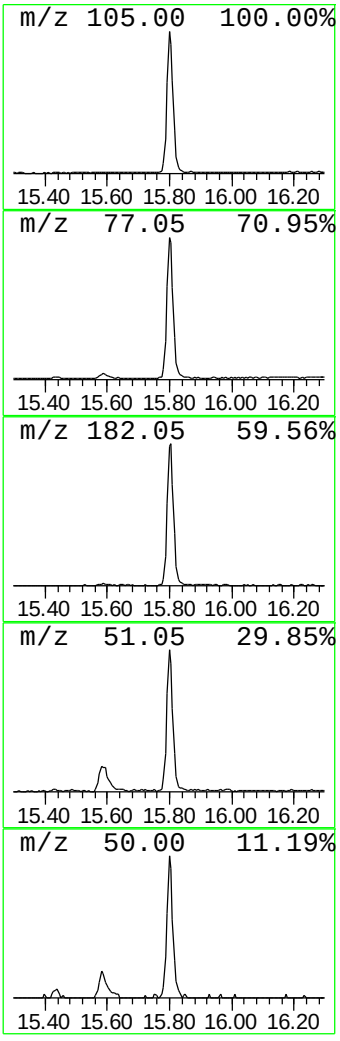
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.95 ng/ul	664383	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
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Acq On : 17 Oct 2017 20:59
Operator : SJ/JU
Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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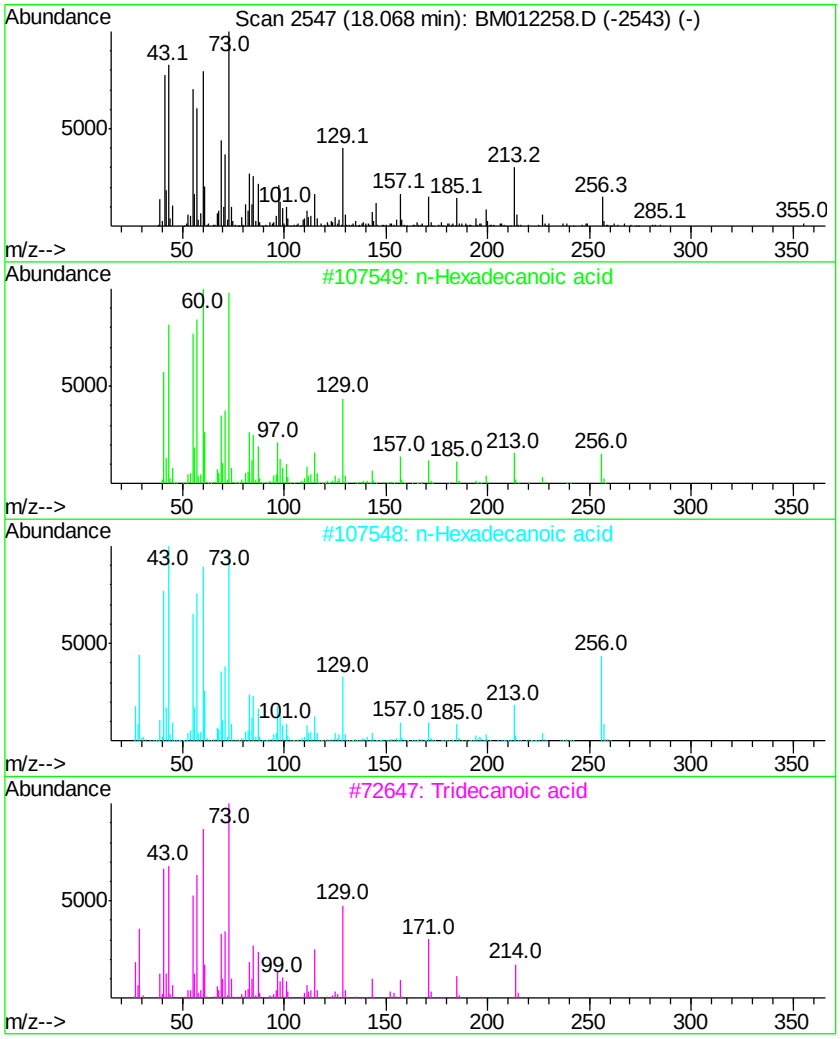
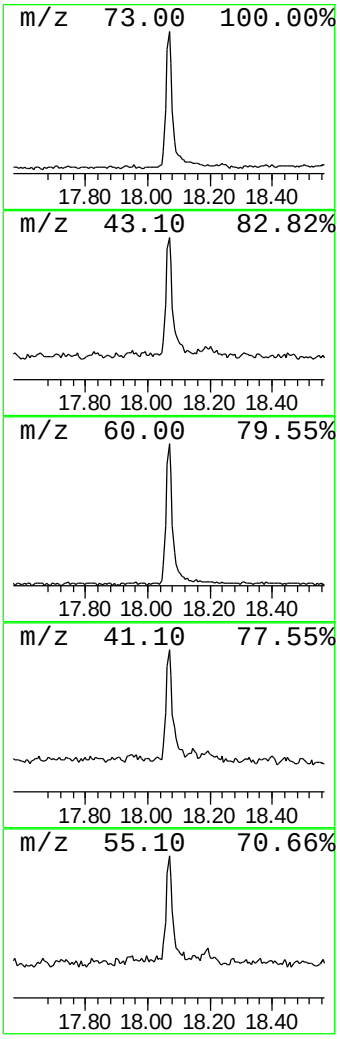
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.44 ng/ul	591740	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Library Search Compound Report

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Acq On : 17 Oct 2017 20:59
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

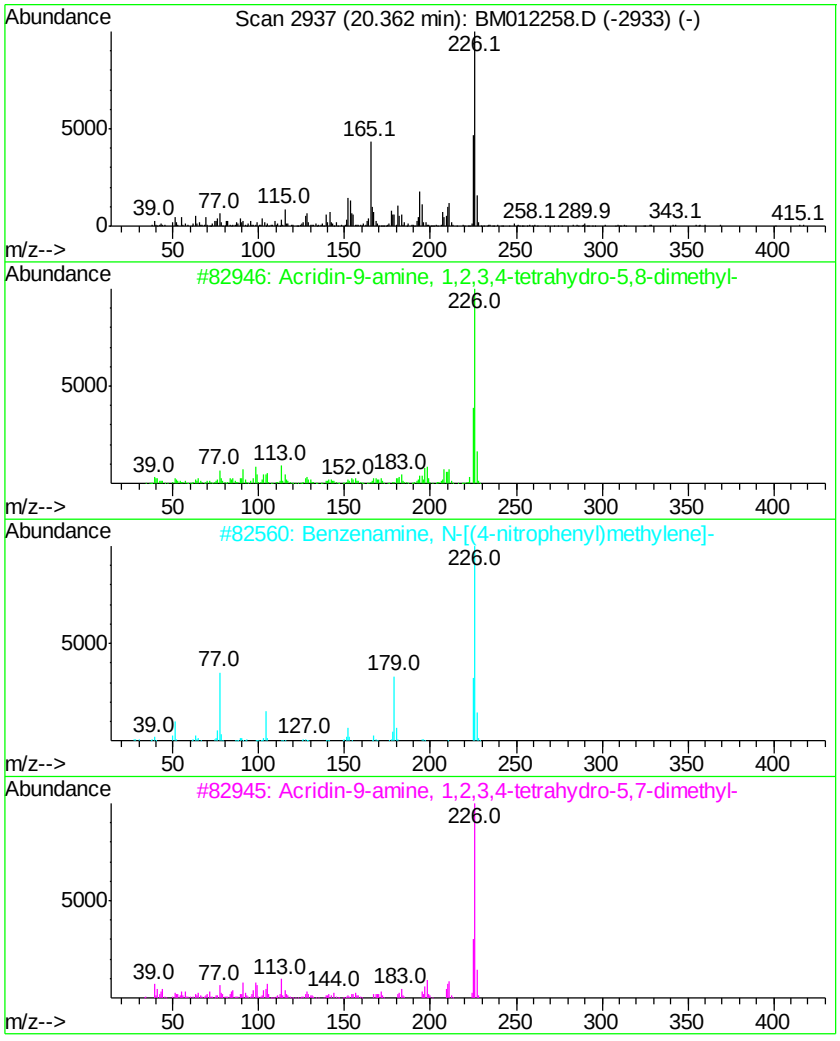
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

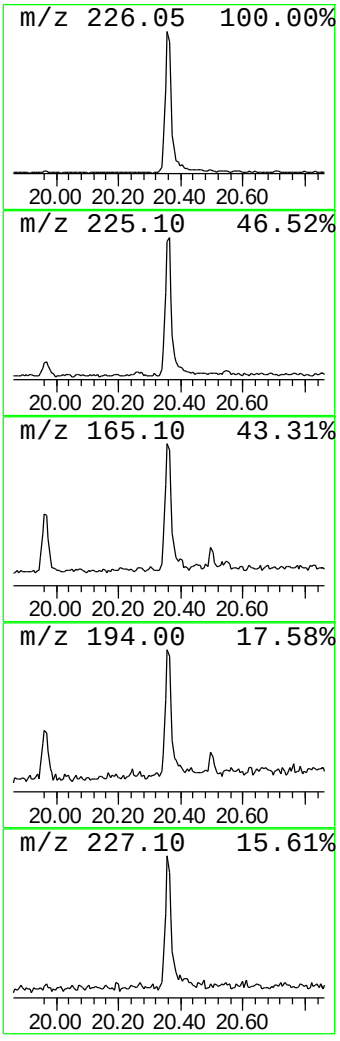
****

Peak Number 4 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.42 ng/ul	586362	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	62
2	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46
3	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	46
4	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
5	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	43





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Sample : I5664-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B52

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

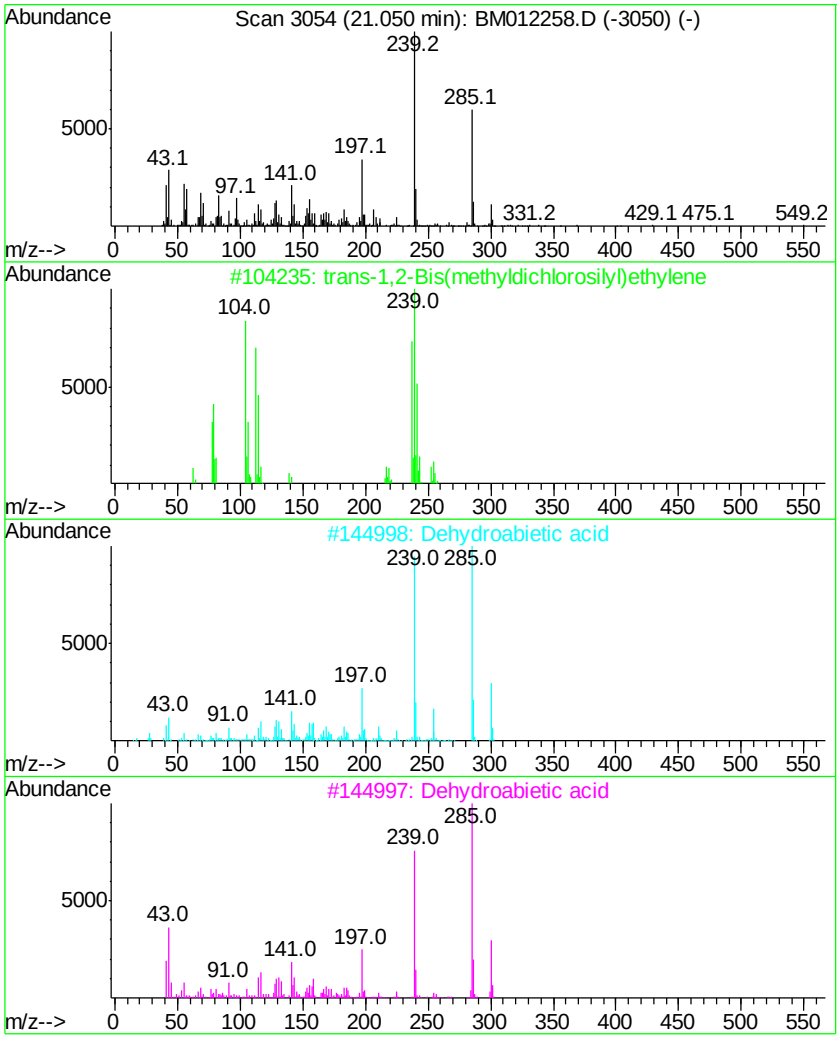
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

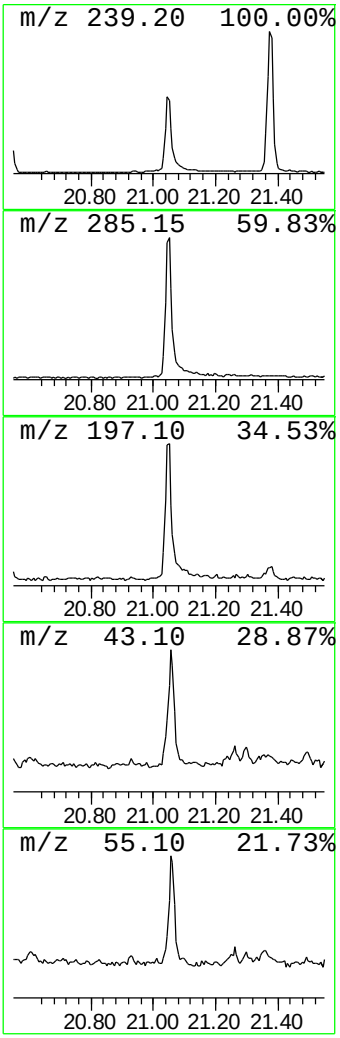
****

Peak Number 5 trans-1,2-Bis(methyldichlor... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	5.39 ng/ul	1304810	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	94
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	87





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Quant Title : SVOA CALIBRATION

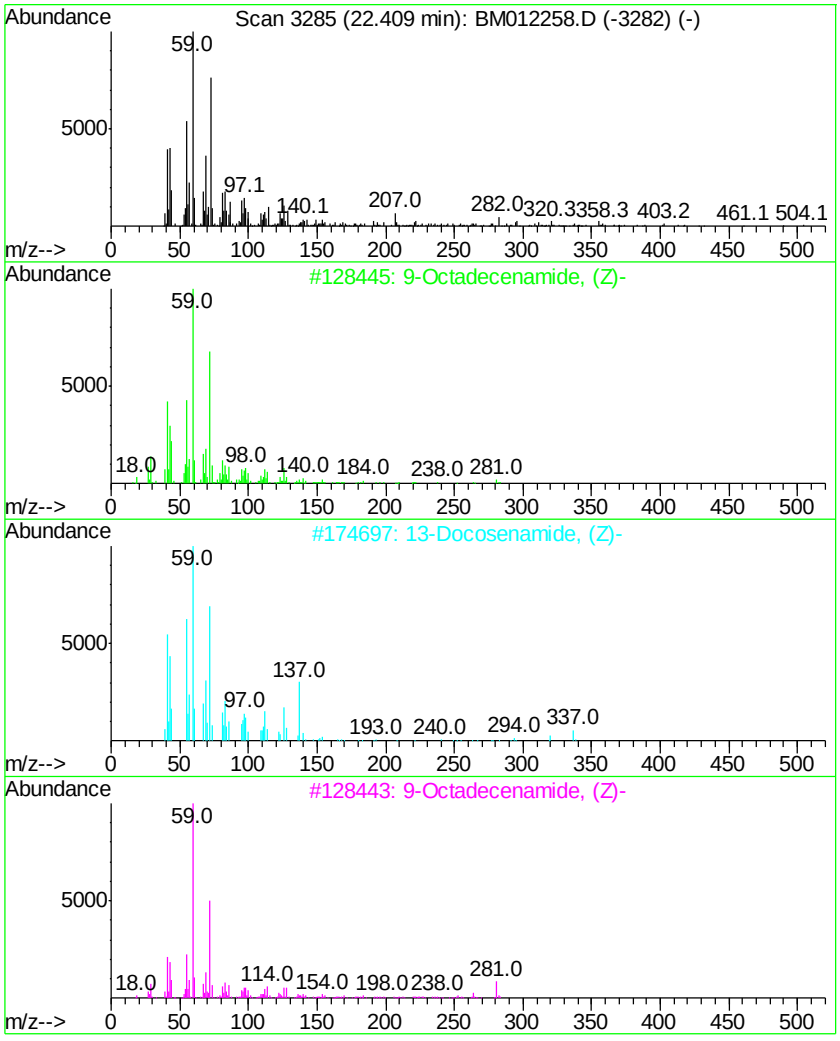
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

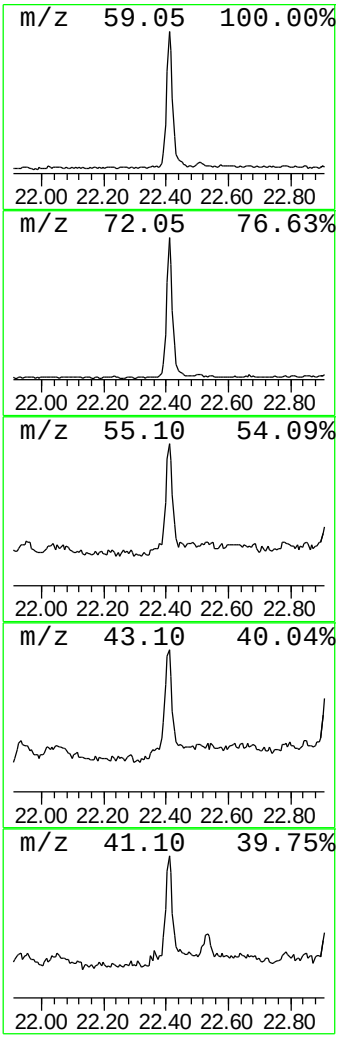
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.62 ng/ul	635041	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	80
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
4	3-Hydroxy-3-methyl-butyric acid,...	132	C5H12N2O2	1000193-80-2	53
5	2-Methyl-2-decanol	172	C11H24O	003396-02-9	35





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
(1R)-2,6,6-Trimet...	6.45	15.0	ng/ul	827100	1	7.79	1100450	20.0
Benzophenone	15.80	6.0	ng/ul	664383	3	14.44	2234280	20.0
n-Hexadecanoic acid	18.07	3.4	ng/ul	591740	4	17.19	3444790	20.0
Acridin-9-amine, ...	20.36	2.4	ng/ul	586362	5	21.37	4841150	20.0
trans-1,2-Bis(met...	21.05	5.4	ng/ul	1304810	5	21.37	4841150	20.0
9-Octadecenamide,...	22.41	2.6	ng/ul	635041	5	21.37	4841150	20.0