LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012801.D
Acq On : 07 Nov 2017 18:32
Operator : SJ/JU
Sample : I6164-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET0E1

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-BM110417MA.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	3.804	118	122	128	rVB	27603	36638	1.67%	0.153%
2	4.340	209	213	220	rBV	62680	86021	3.93%	0.359%
3	4.934	304	314	320	rBV2	71152	107354	4.90%	0.448%
4	5.546	413	418	424	rBV	24248	32751	1.50%	0.137%
5	6.975	655	661	675	rVB2	275616	507599	23.17%	2.118%
6	7.134	682	688	697	rBV	230857	346066	15.80%	1.444%
7	7.334	716	722	731	rBV	294721	470028	21.46%	1.961%
8	7.798	795	801	810	rBB	377334	604178	27.58%	2.521%
9	8.510	916	922	935	rBV	278124	449813	20.53%	1.877%
10	8.957	991	998	1007	rBV	292918	466956	21.32%	1.948%
11	9.675	1114	1120	1130	rBB	243294	408267	18.64%	1.703%
12	10.216	1206	1212	1223	rBV	391618	671402	30.65%	2.801%
13	10.586	1268	1275	1284	rBV	550025	925704	42.26%	3.862%
14	10.733	1293	1300	1312	rBV	213774	389977	17.80%	1.627%
15	11.910	1495	1500	1508	rBB	23288	36741	1.68%	0.153%
16	13.845	1823	1829	1834	rBV	832588	1133659	51.75%	4.730%
17	13.892	1834	1837	1844	rVB	355411	477938	21.82%	1.994%
18	14.127	1871	1877	1888	rVB	879139	1325303	60.50%	5.529%
19	14.439	1924	1930	1938	rBV2	934661	1383793	63.17%	5.773%
20	14.651	1961	1966	1984	rBV	201504	363386	16.59%	1.516%
21	15.433	2092	2099	2106	rBV	1237895	1743929	79.61%	7.276%
22	15.563	2116	2121	2135	rVB	255810	374198	17.08%	1.561%
23	15.798	2156	2161	2167	rBV	109952	144475	6.60%	0.603%
24	16.727	2312	2319	2323	rBV2	21350	29747	1.36%	0.124%
25	16.945	2351	2356	2359	rBV2	18895	24454	1.12%	0.102%
26	17.186	2390	2397	2402	rBV2	1238131	1715958	78.33%	7.159%
27	17.227	2402	2404	2408	rVV	46725	49475	2.26%	0.206%
28	17.280	2408	2413	2422	rVV	1254943	1801550	82.24%	7.516%
29	18.074	2542	2548	2558	rBV2	166196	258177	11.79%	1.077%
30	19.209	2737	2741	2743	rBV2	22958	31317	1.43%	0.131%
31	19.239	2743	2746	2753	rVB	123616	173891	7.94%	0.726%
32	19.356	2762	2766	2776	rBV2	80643	116754	5.33%	0.487%
33	19.574	2797	2803	2816	rBV	1564666	2190594	100.00%	9.139%
34	21.068	3054	3057	3066	rBV3	175870	235288	10.74%	0.982%

LSC Area Percent Report

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Acq On : 07 Nov 2017 18:32
Operator : SJ/JU
Sample : I6164-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET0E1

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-BM110417MA.M
Title : SVOA CALIBRATION

35	21.362	3102	3107	3112	rBV	1387410	1729764	78.96%	7.217%
36	23.497	3464	3470	3483	rVB2	857882	1685308	76.93%	7.031%
37	23.644	3489	3495	3502	rVB	799036	1439970	65.73%	6.008%

Sum of corrected areas: 23968423

LSC Report - Integrated Chromatogram

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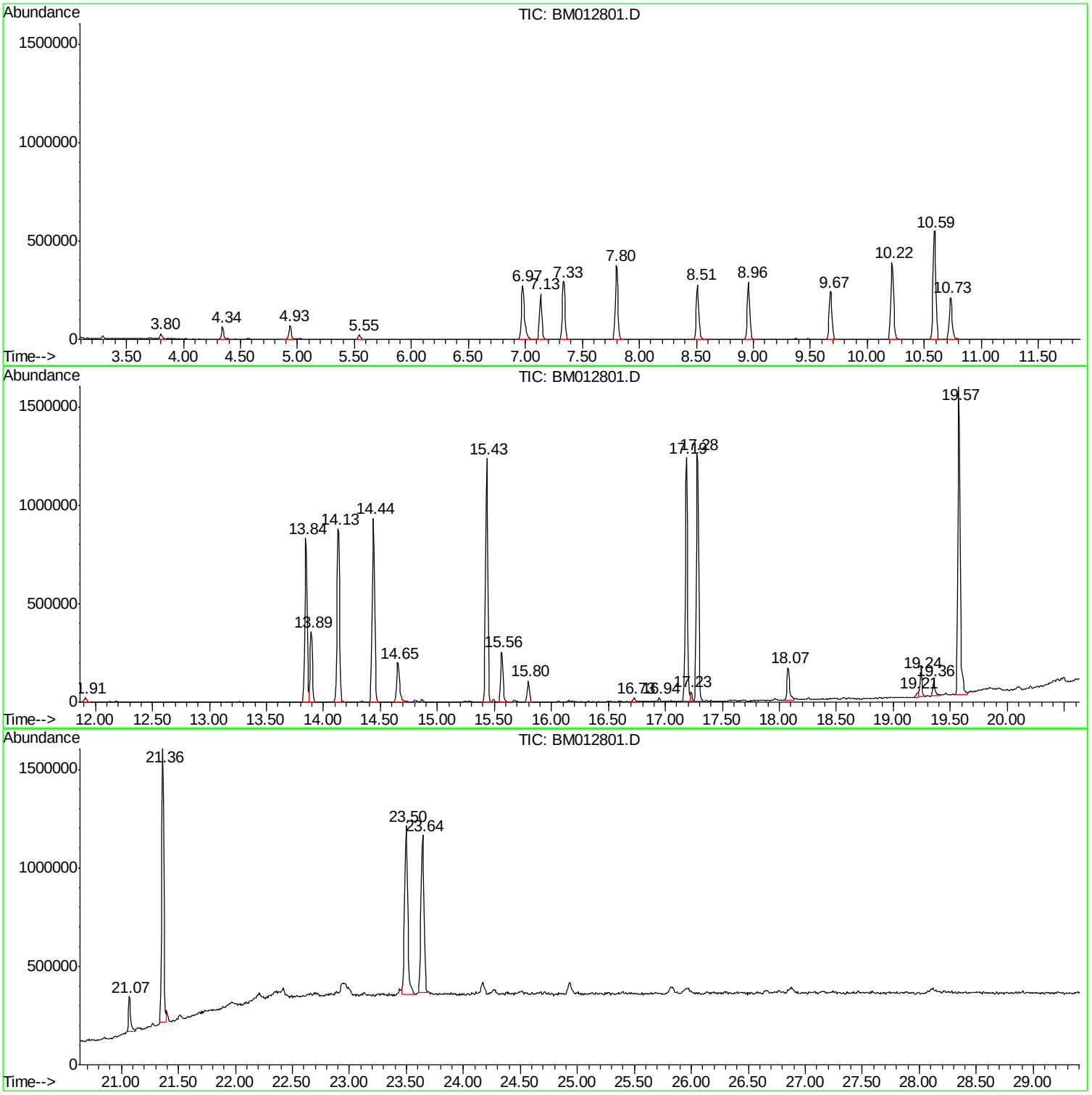
Acq On : 07 Nov 2017 18:32
Operator : SJ/JU
Sample : I6164-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET0E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

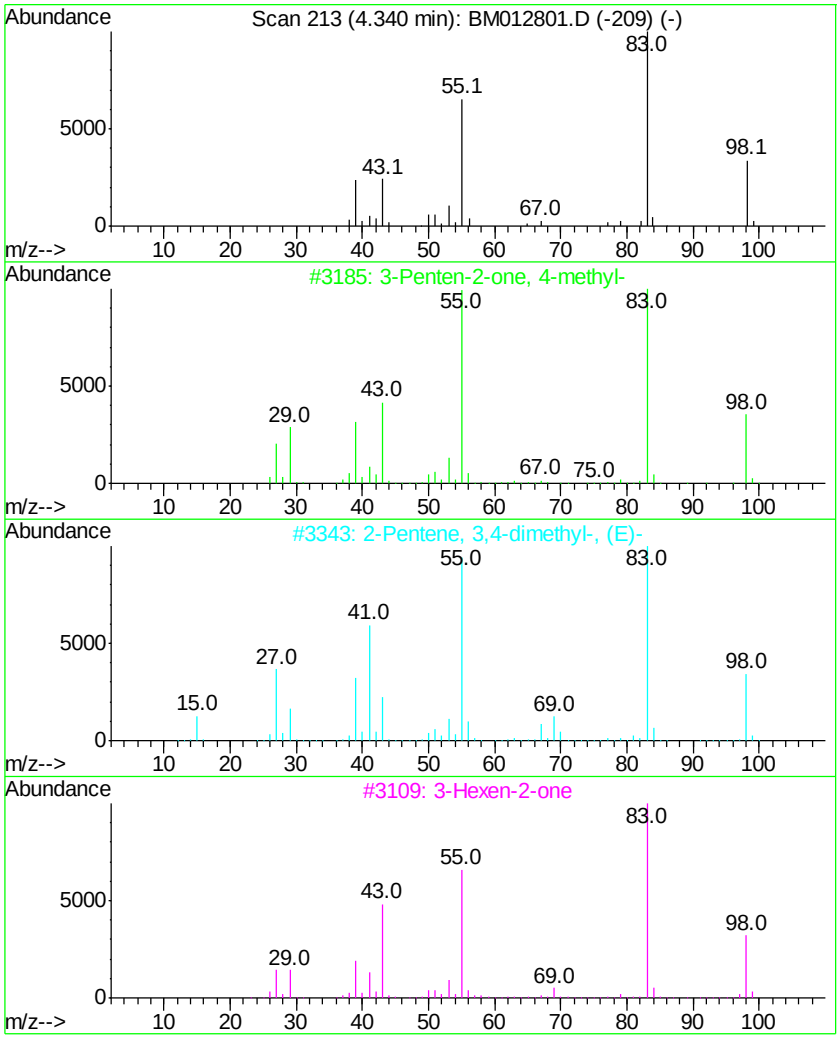
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

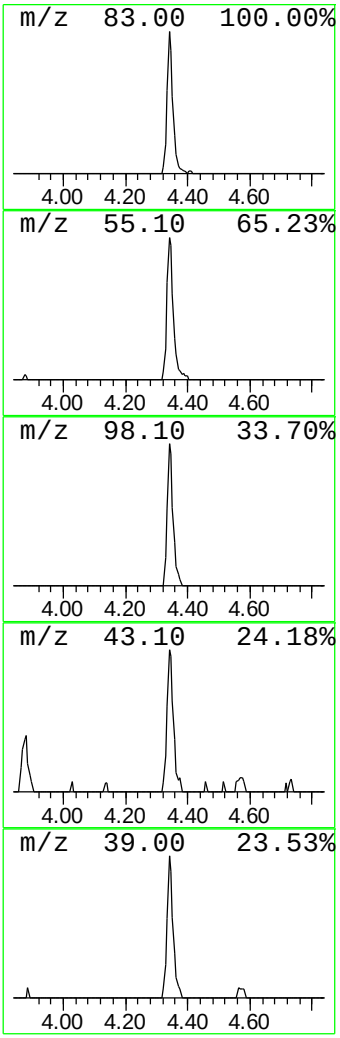
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.85 ng/ul	86021	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	90
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





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Operator : SJ/JU
Sample : I6164-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET0E1

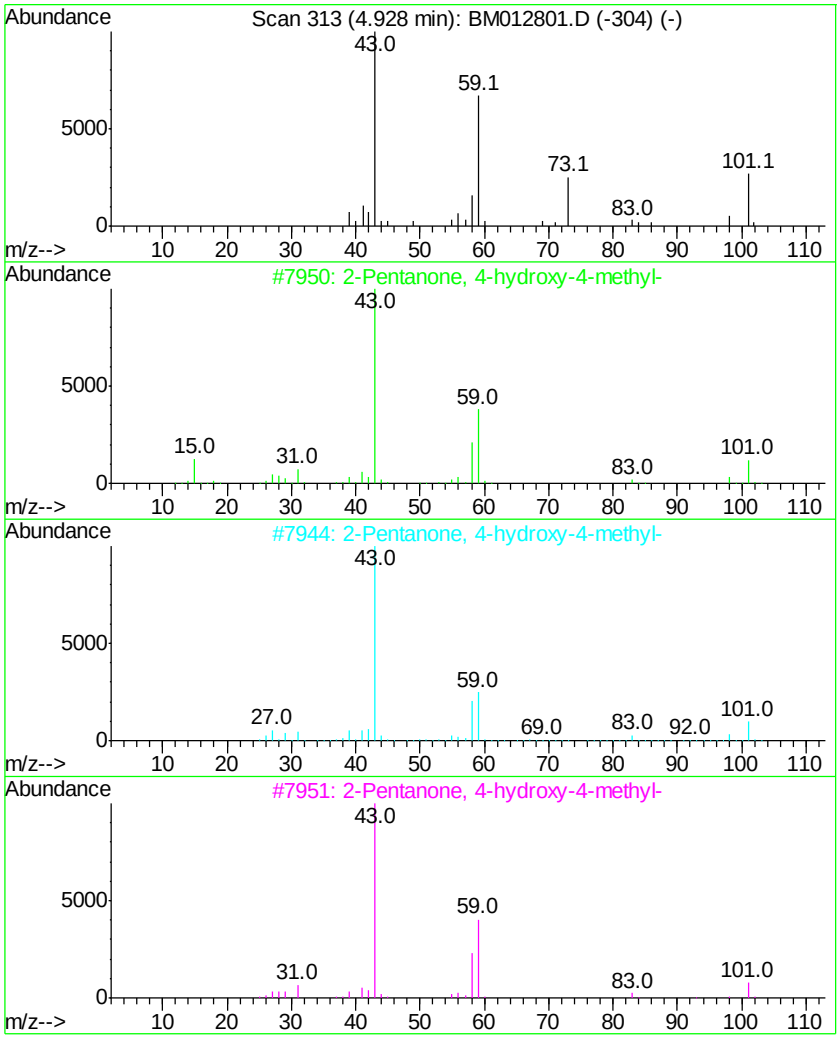
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

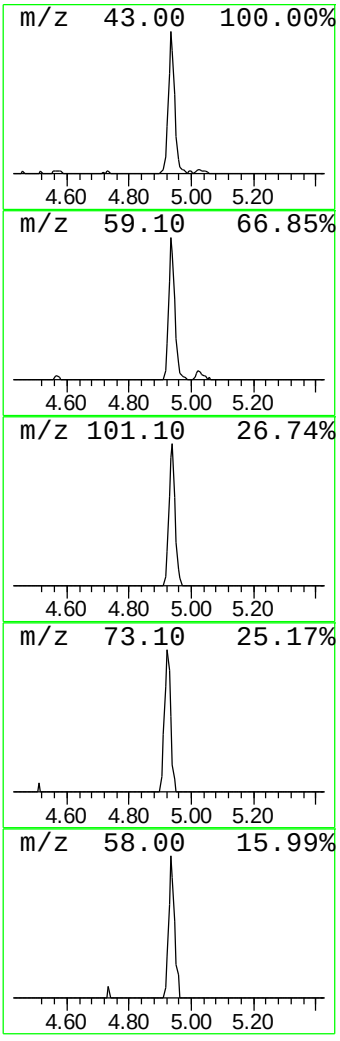
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	3.55 ng/ul	107354	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	23
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





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Instrument : BNA_M
ClientSampleId : ET0E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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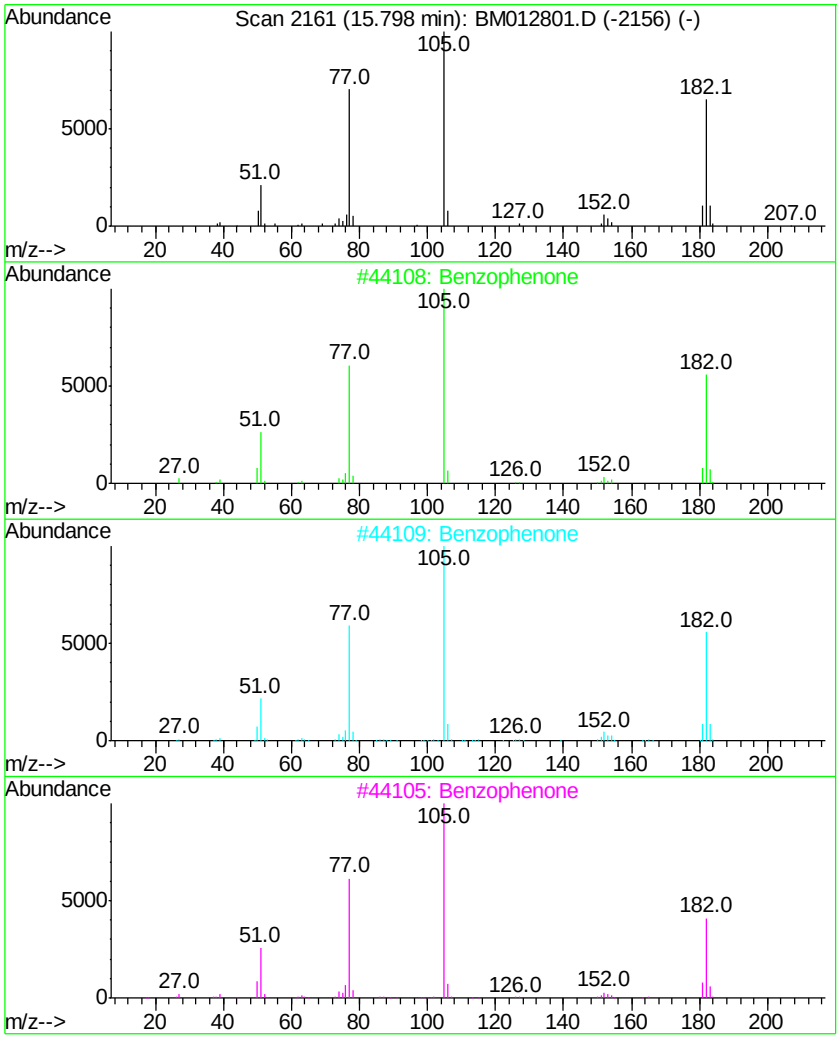
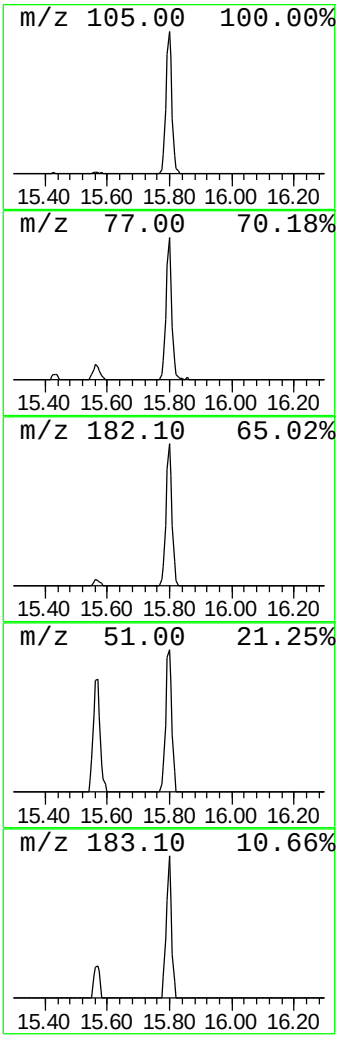
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.09 ng/ul	144475	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ET0E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

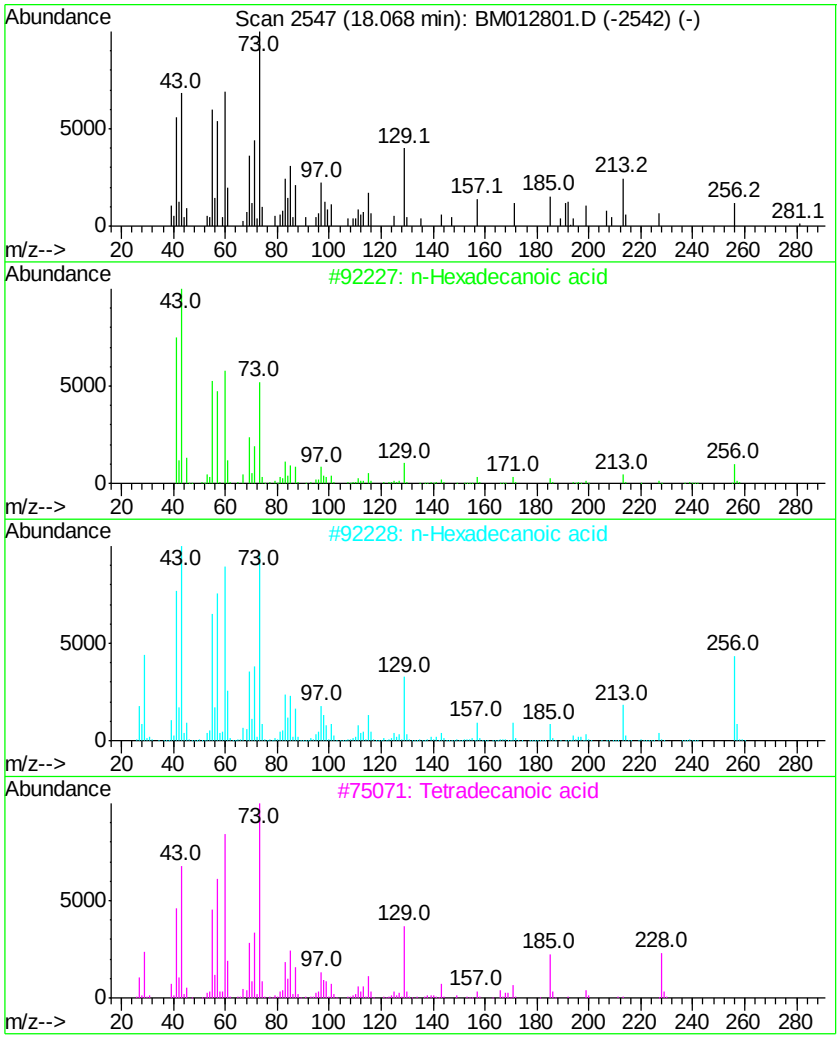
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

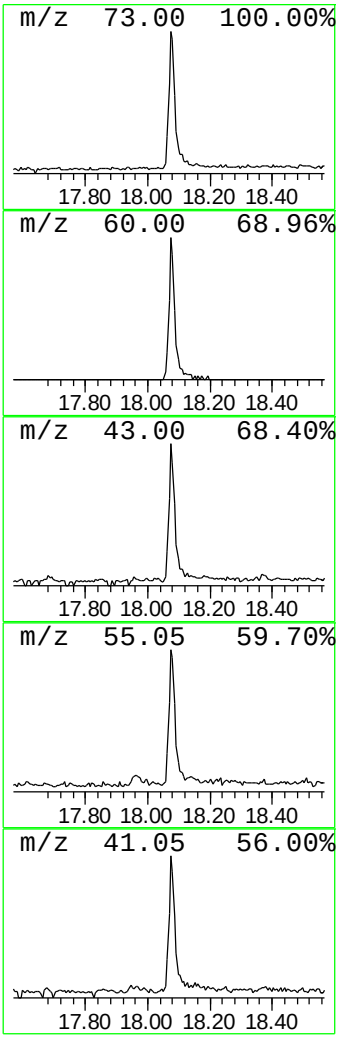
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.01 ng/ul	258177	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Misc :
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Instrument : BNA_M
ClientSampleId : ET0E1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

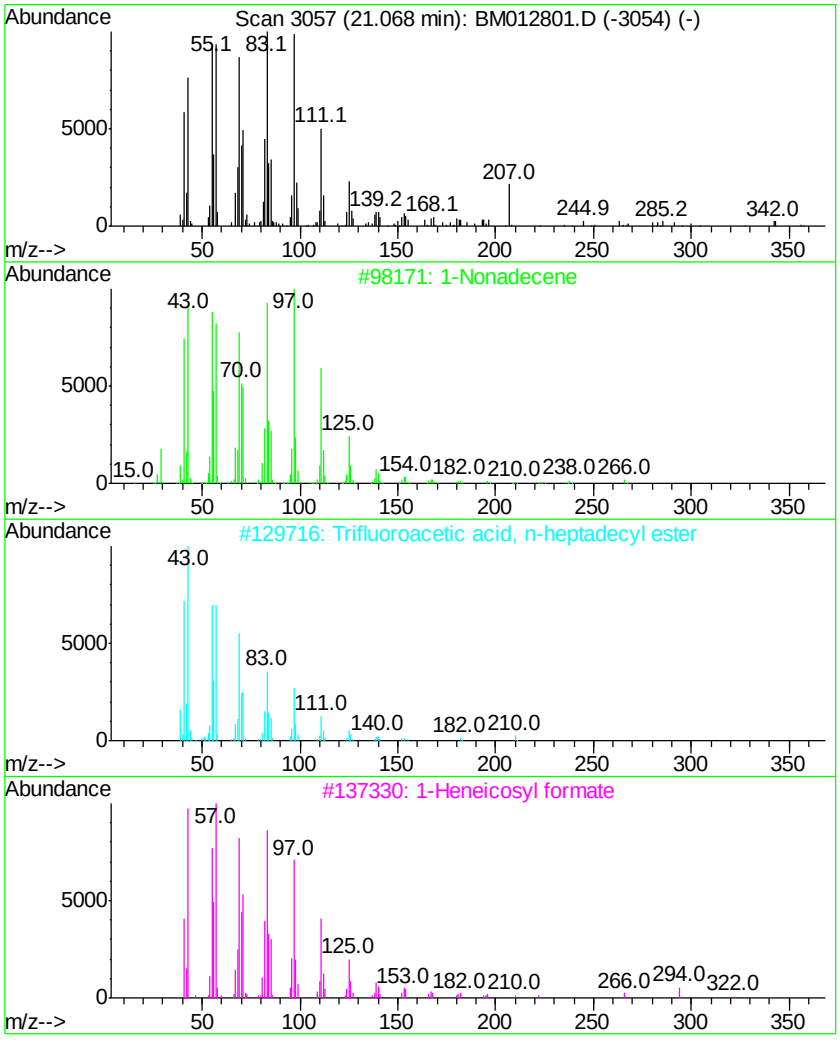
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

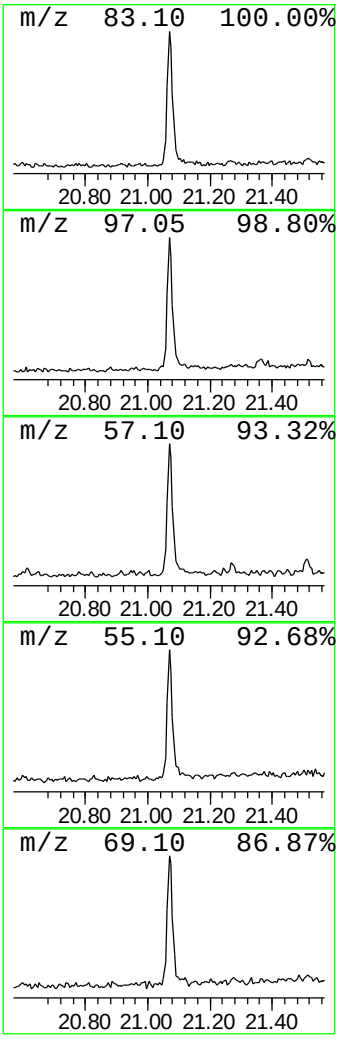
****

Peak Number 5 (DEL) Alkane: Cyclic21.07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.72 ng/ul	235288	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	11-Tricosene	322	C23H46	052078-56-5	87





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.34	2.9	ng/ul	86021	1	7.80	604178	20.0
2-Pentanone, 4-hy...	4.93	3.5	ng/ul	107354	1	7.80	604178	20.0
Benzophenone	15.80	2.1	ng/ul	144475	3	14.44	1383790	20.0
n-Hexadecanoic acid	18.07	3.0	ng/ul	258177	4	17.19	1715960	20.0
(DEL) Alkane: Cyc...	21.07	2.7	ng/ul	235288	5	21.36	1729760	20.0