LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014925.D
Acq On : 02 May 2018 16:34
Operator : SJ/JU
Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

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-BM041918.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	3.340	4	9	27	rVB	2856825	4005365	43.27%	3.282%
2	3.640	56	60	70	rVB	132929	203100	2.19%	0.166%
3	5.481	366	373	384	rBV	482113	726047	7.84%	0.595%
4	6.498	539	546	555	rBV	93277	163260	1.76%	0.134%
5	7.616	729	736	753	rBV	2141208	3780794	40.84%	3.098%
6	7.798	760	767	779	rBV	1779214	2841046	30.69%	2.328%
7	8.010	795	803	811	rBV	2294924	3766518	40.69%	3.087%
8	8.492	878	885	901	rBV	1521569	2541432	27.45%	2.083%
9	9.192	996	1004	1013	rBV	2533533	4129447	44.61%	3.384%
10	9.675	1078	1086	1095	rBV	2101763	3620875	39.11%	2.967%
11	10.404	1202	1210	1225	rBV	1698391	2886220	31.18%	2.365%
12	10.945	1294	1302	1319	rBV	2491104	4330219	46.78%	3.548%
13	11.333	1361	1368	1382	rVB	2028041	3577540	38.65%	2.932%
14	11.463	1382	1390	1409	rBV	2441449	4242758	45.83%	3.477%
15	12.686	1590	1598	1606	rBV	63095	101675	1.10%	0.083%
16	13.898	1798	1804	1811	rBV	111499	165987	1.79%	0.136%
17	14.492	1896	1905	1909	rBV	4194766	5844222	63.13%	4.789%
18	14.533	1909	1912	1918	rVB	695876	991293	10.71%	0.812%
19	14.798	1951	1957	1968	rBV	4976600	7327824	79.16%	6.005%
20	14.951	1975	1983	1988	rVB	317970	404736	4.37%	0.332%
21	15.098	2002	2008	2015	rVB2	2729478	4196336	45.33%	3.439%
22	15.257	2029	2035	2051	rVB	1506084	2287380	24.71%	1.874%
23	15.557	2082	2086	2090	rBV	76933	110049	1.19%	0.090%
24	15.886	2138	2142	2148	rVB	423842	525804	5.68%	0.431%
25	16.074	2168	2174	2181	rBV	5705363	8576587	92.65%	7.028%
26	16.174	2186	2191	2201	rVB	1542451	2190093	23.66%	1.795%
27	16.292	2203	2211	2213	rBV	102181	213502	2.31%	0.175%
28	16.739	2282	2287	2296	rBV	351211	582875	6.30%	0.478%
29	17.521	2416	2420	2425	rBV	169918	210568	2.27%	0.173%
30	17.809	2463	2469	2474	rBV2	3067549	4549955	49.15%	3.729%
31	17.851	2474	2476	2480	rVV	294035	390334	4.22%	0.320%
32	17.909	2480	2486	2497	rVB	5941427	8614503	93.06%	7.059%
33	18.527	2587	2591	2597	rBV5	49531	98990	1.07%	0.081%
34	18.586	2597	2601	2605	rVV	99797	125855	1.36%	0.103%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AJ0

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-BM041918.M
Title : SVOA CALIBRATION

35	18.645	2605	2611	2620	rBV	1348153	1961749	21.19%	1.608%
36	18.721	2621	2624	2632	rVB2	91098	159460	1.72%	0.131%
37	19.374	2731	2735	2740	rBV2	74177	133515	1.44%	0.109%
38	19.545	2760	2764	2768	rBV3	87964	164037	1.77%	0.134%
39	19.750	2795	2799	2800	rBV4	111839	155826	1.68%	0.128%
40	19.821	2807	2811	2816	rVB	429232	582857	6.30%	0.478%
41	19.880	2817	2821	2828	rBV	479193	744397	8.04%	0.610%
42	20.150	2861	2867	2878	rBV	6687318	9257401	100.00%	7.586%
43	20.903	2992	2995	2997	rBV3	165992	200212	2.16%	0.164%
44	21.556	3102	3106	3115	rBV	1879970	2426799	26.21%	1.989%
45	21.768	3139	3142	3145	rVB	560248	615547	6.65%	0.504%
46	21.903	3160	3165	3170	rVB	3190776	4481609	48.41%	3.673%
47	24.221	3553	3559	3578	rVB	3985920	8421161	90.97%	6.901%
48	24.380	3580	3586	3602	rVB	2063373	4403747	47.57%	3.609%

Sum of corrected areas: 122031506

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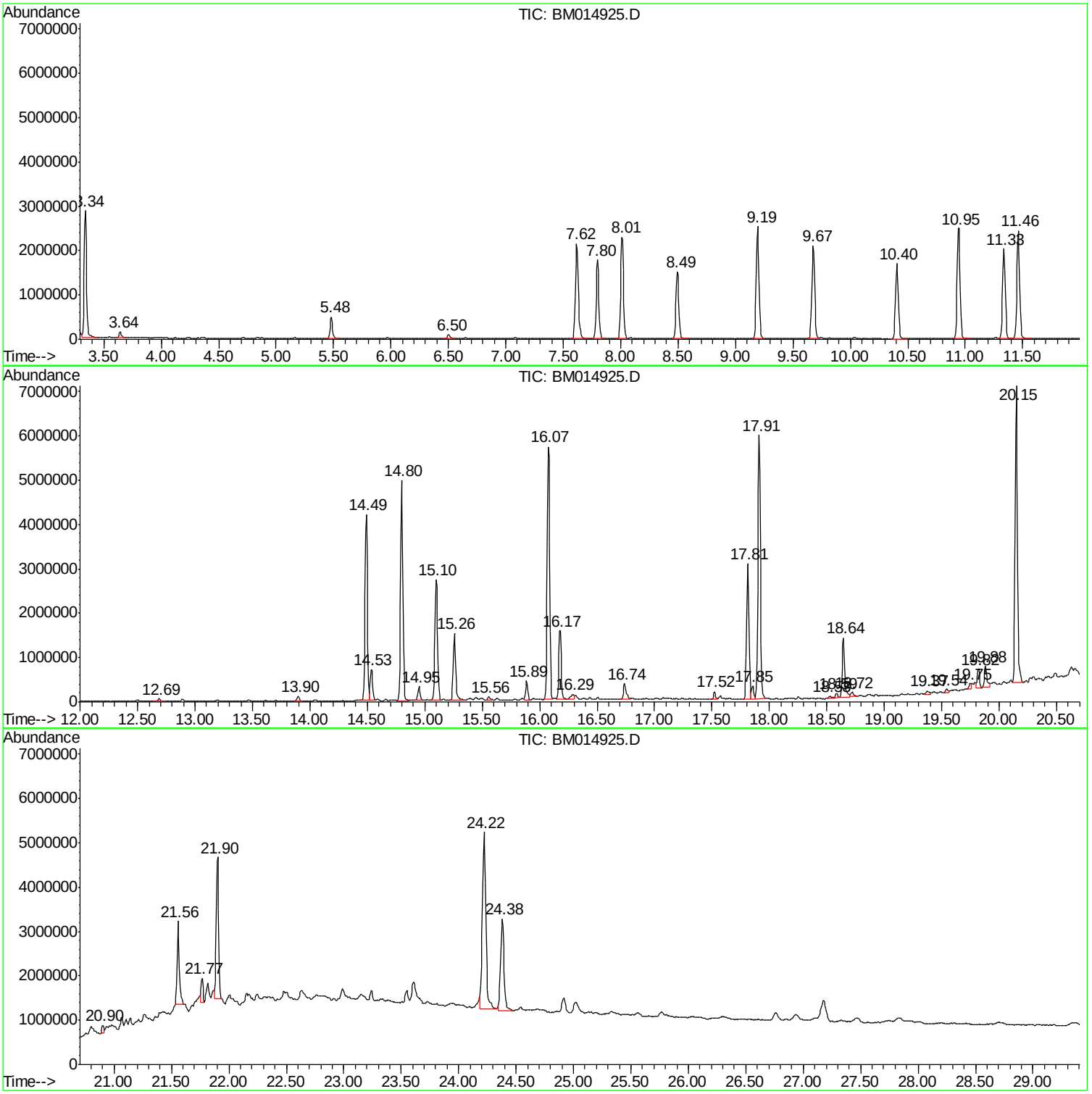
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM014925.D
Acq On : 02 May 2018 16:34
Operator : SJ/JU
Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

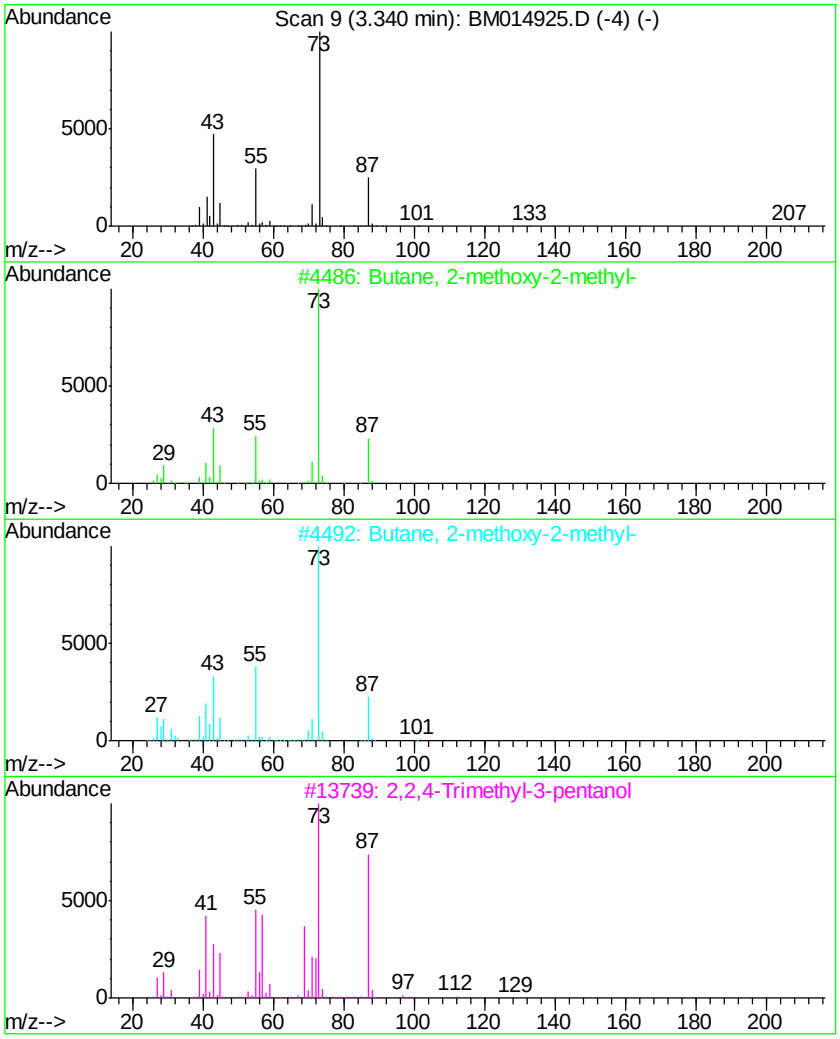
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

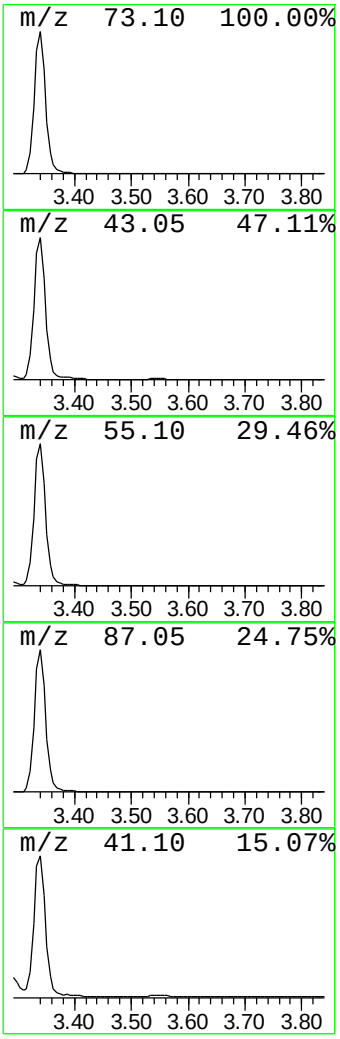
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	31.52 ng/ul	4005370	1,4-Dichlorobenzene-d4	8.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
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Acq On : 02 May 2018 16:34
Operator : SJ/JU
Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

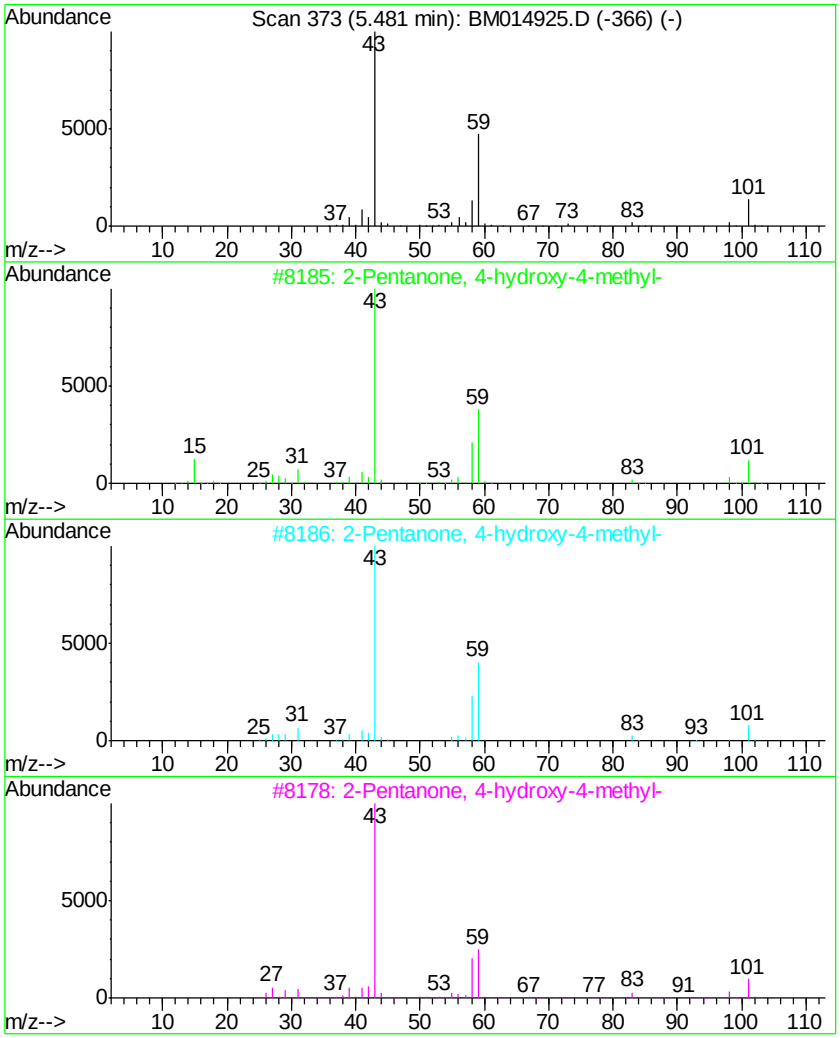
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

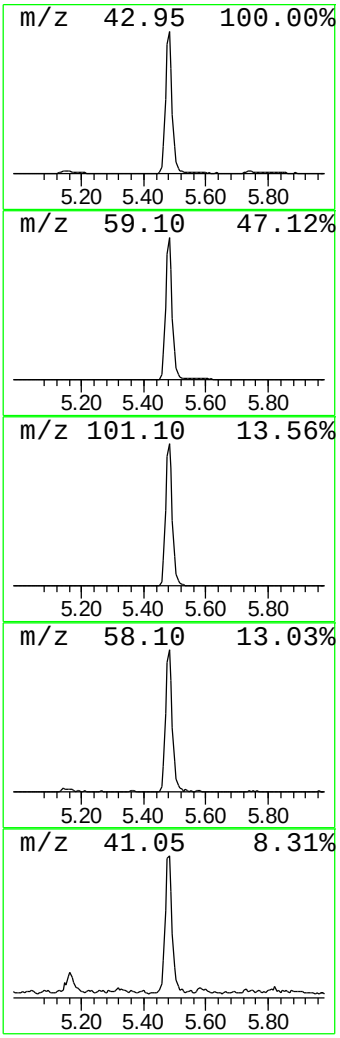
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	5.71 ng/ul	726047	1,4-Dichlorobenzene-d4	8.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	45
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17





Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014925.D
Acq On : 02 May 2018 16:34
Operator : SJ/JU
Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

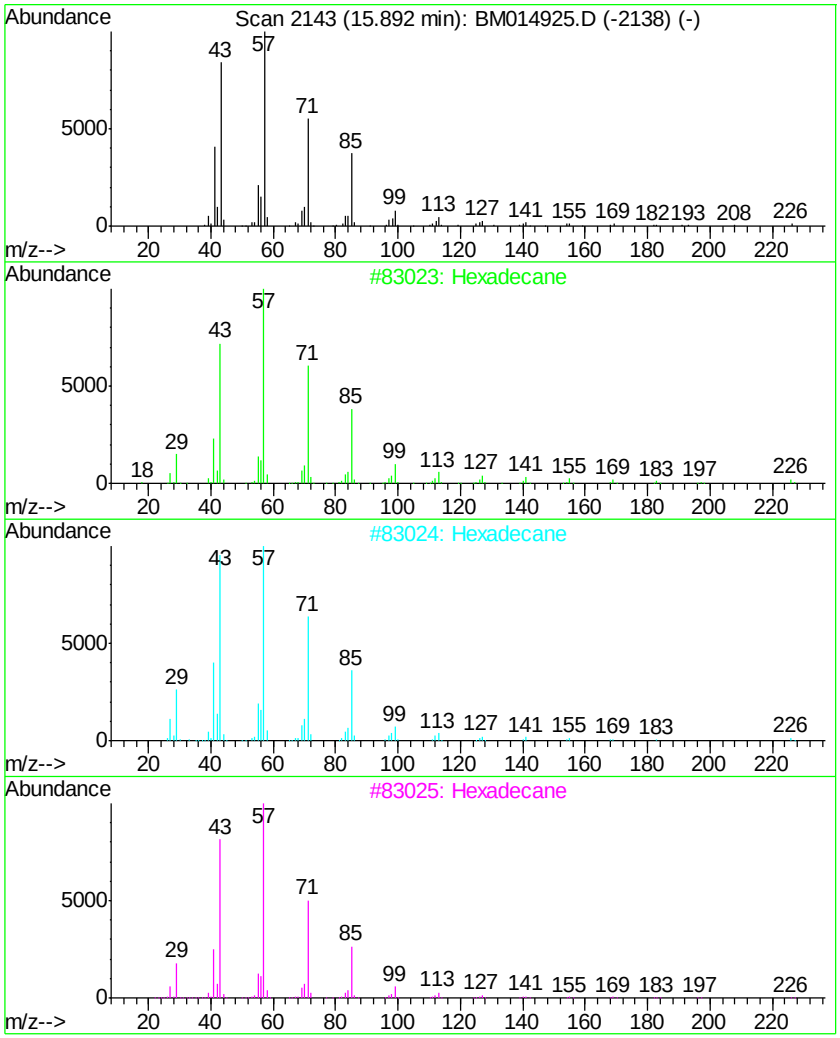
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

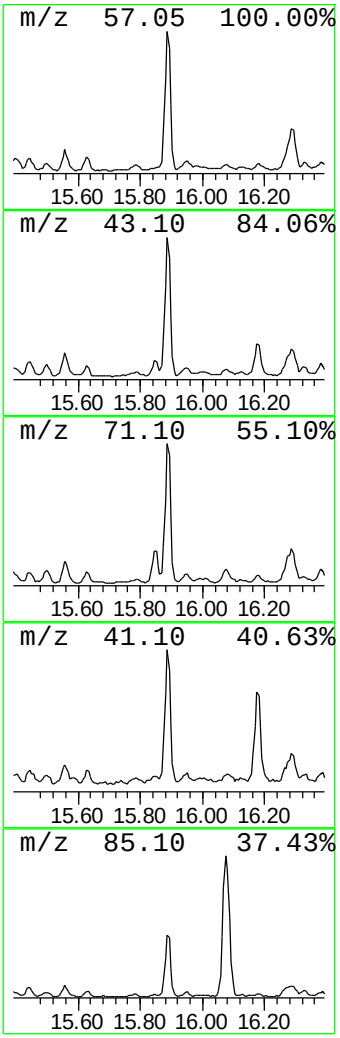
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.51 ng/ul	525804	Acenaphthene-d10	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





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Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

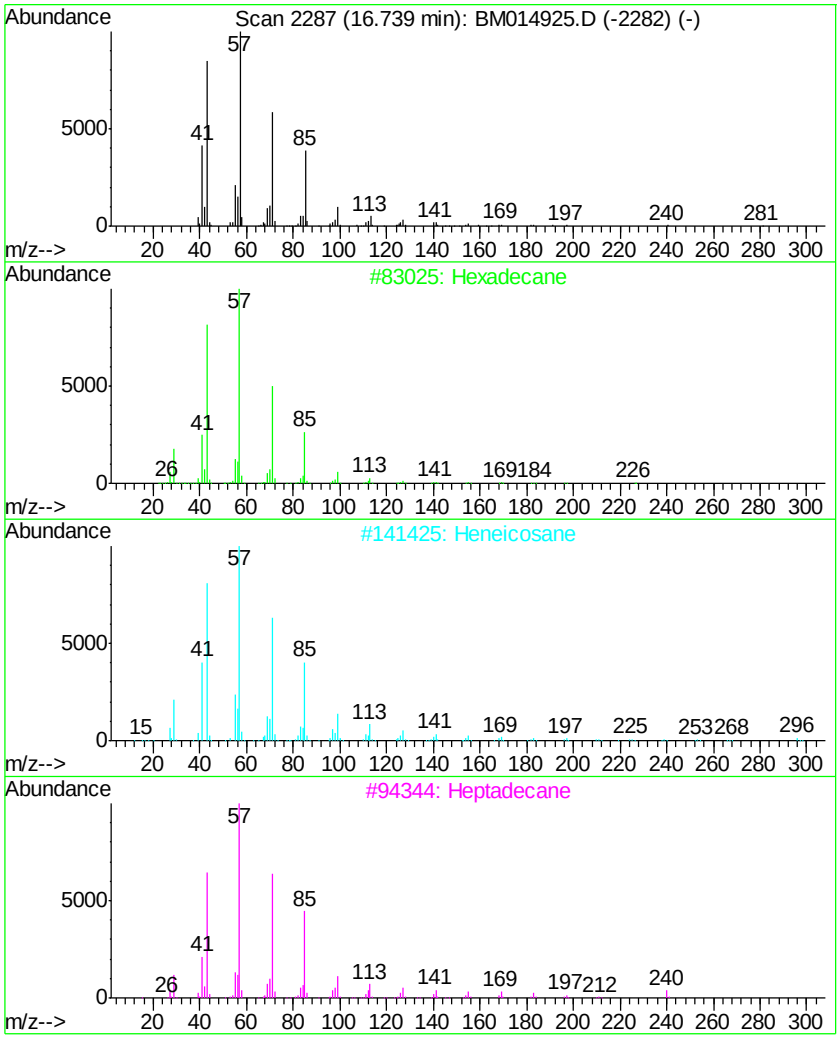
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

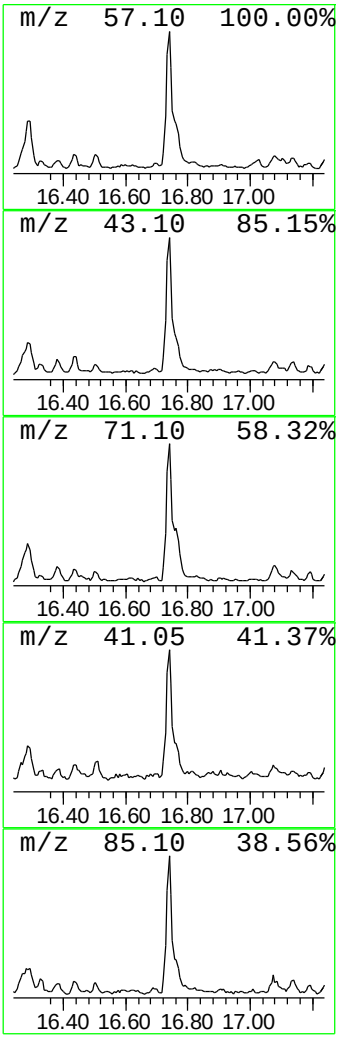
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.56 ng/ul	582875	Phenanthrene-d10	17.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Sample : J2631-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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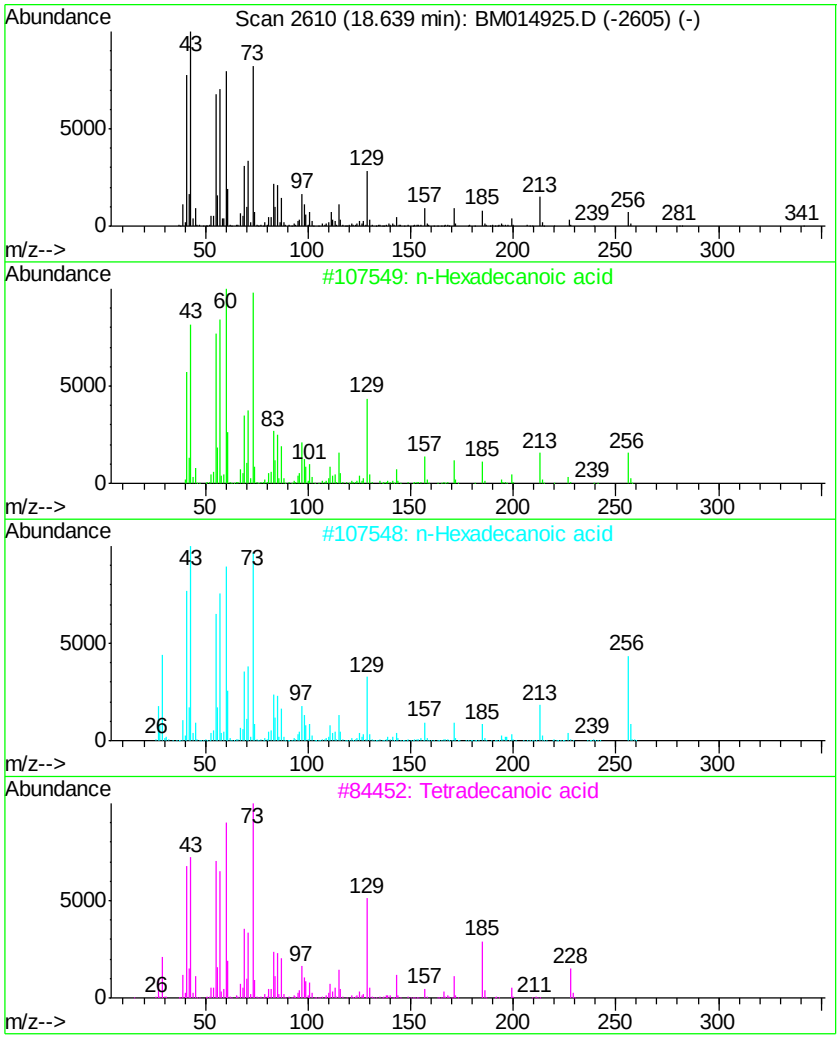
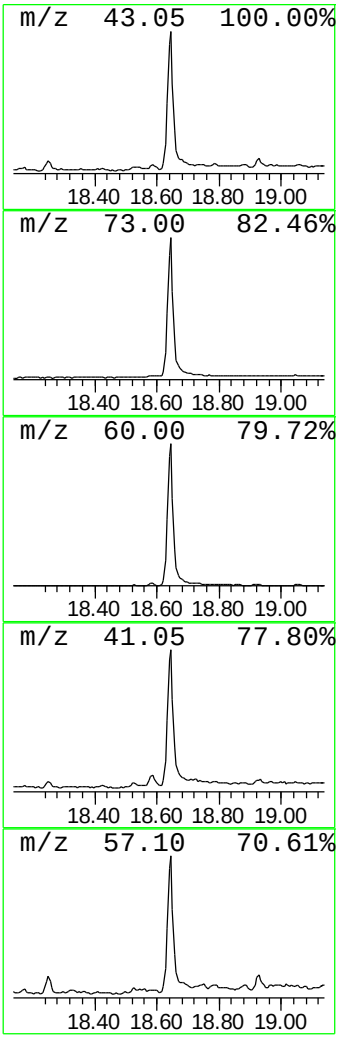
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.62 ng/ul	1961750	Phenanthrene-d10	17.81

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

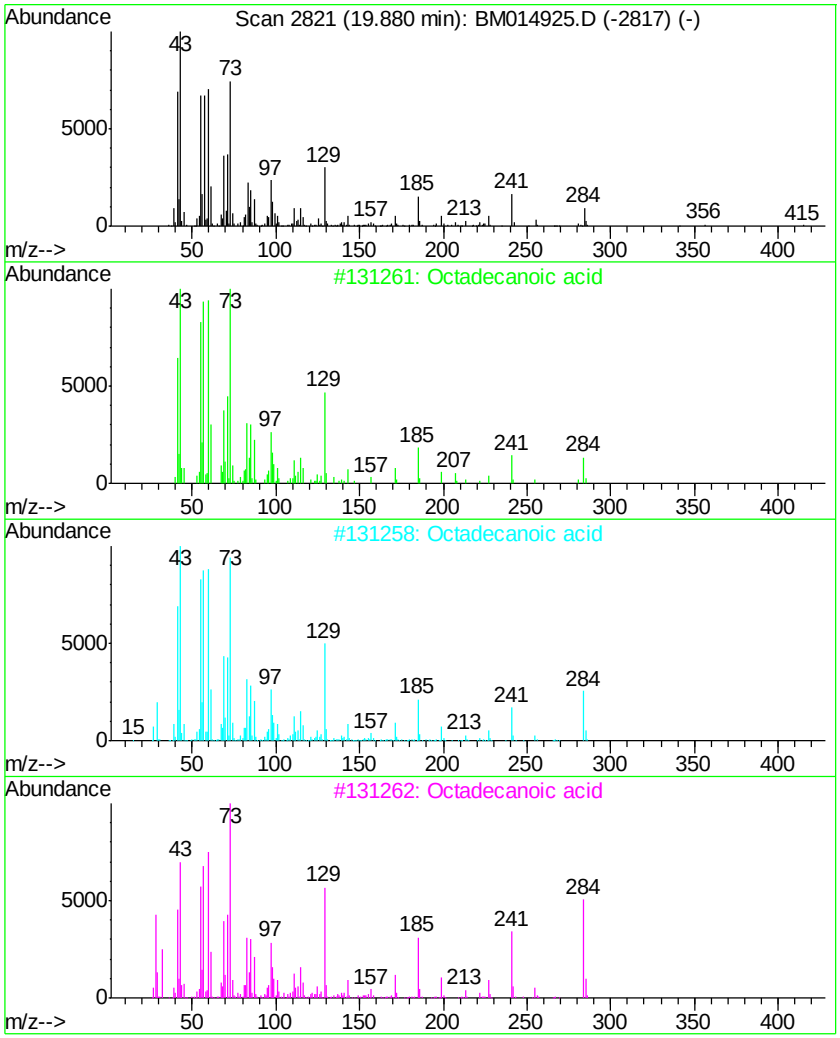
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

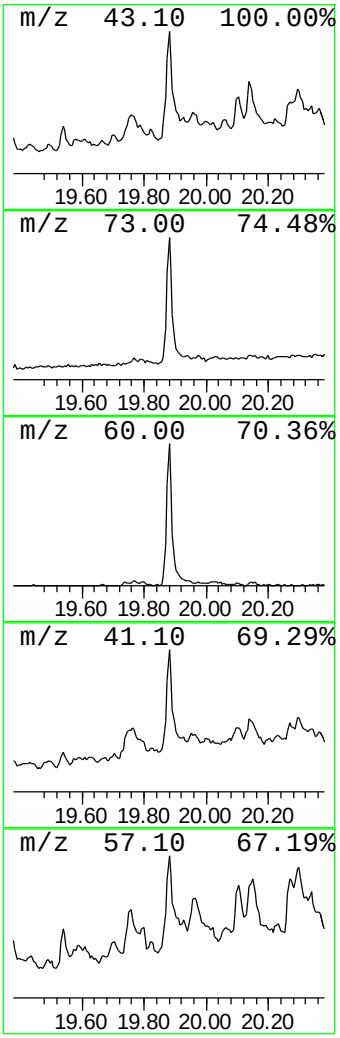
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.32 ng/ul	744397	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	98





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Quant Title : SVOA CALIBRATION

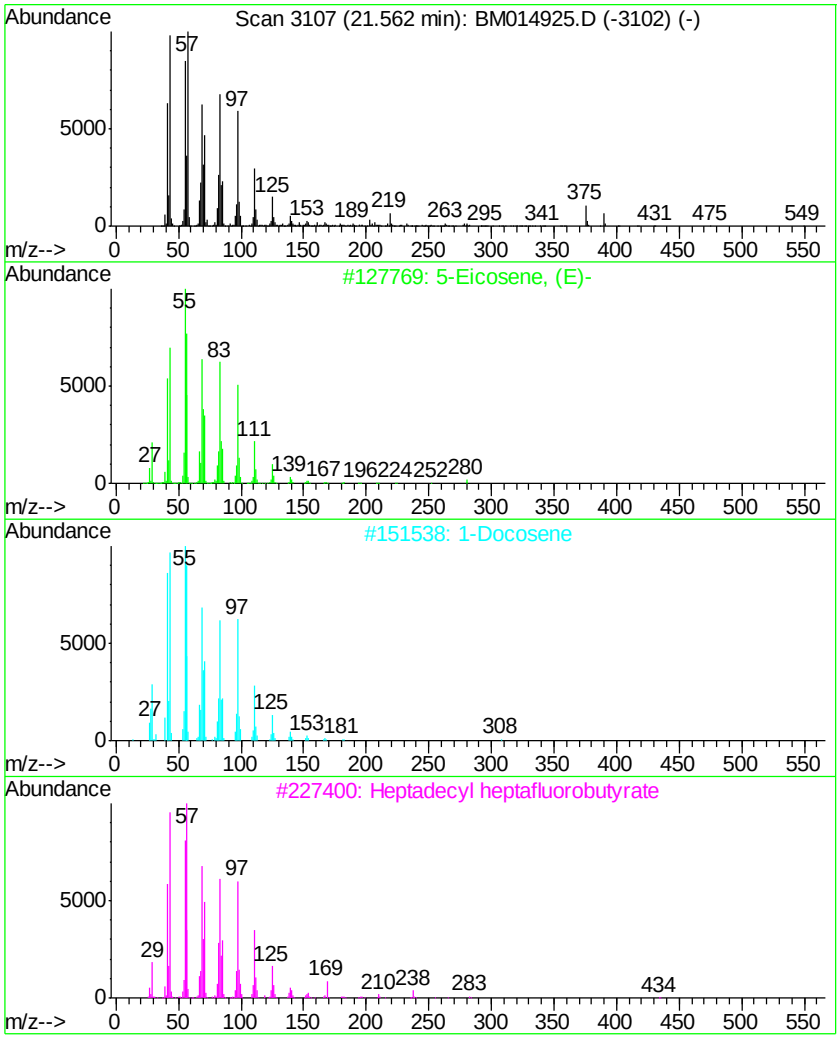
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

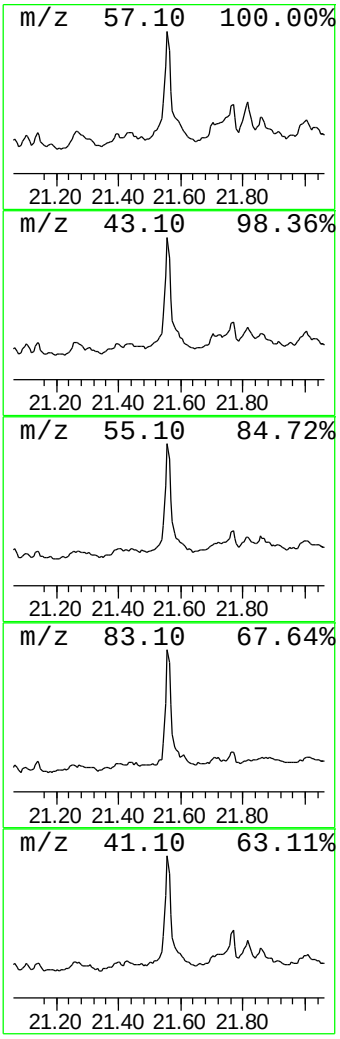
****

Peak Number 7 (DEL) Alkane: Cyclic21.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.83 ng/ul	2426800	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Docosene	308	C22H44	001599-67-3	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





Tentatively Identified Compound (LSC) summary

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Data File : BM014925.D
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AJ0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.34	31.5	ng/ul	4005370	1	8.49	2541430	20.0
2-Pentanone, 4-hy...	5.48	5.7	ng/ul	726047	1	8.49	2541430	20.0
(DEL) Alkane: Str...	15.89	2.5	ng/ul	525804	3	15.10	4196340	20.0
(DEL) Alkane: Str...	16.74	2.6	ng/ul	582875	4	17.81	4549960	20.0
n-Hexadecanoic acid	18.64	8.6	ng/ul	1961750	4	17.81	4549960	20.0
Octadecanoic acid	19.88	3.3	ng/ul	744397	5	21.90	4481610	20.0
(DEL) Alkane: Cyc...	21.56	10.8	ng/ul	2426800	5	21.90	4481610	20.0