LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110572.D
Acq On : 7 Nov 2018 22:49
Operator : JU/SJ
Sample : J5735-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 12B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	24	29	43	rVB	262374	371685	23.85%	2.665%
2	5.186	523	527	538	rBV	45900	65852	4.23%	0.472%
3	5.575	589	593	614	rVB	1544204	1427853	91.62%	10.237%
4	6.581	759	764	784	rBV	1352417	1525144	97.87%	10.935%
5	6.722	784	788	791	rBV	1770528	1501431	96.35%	10.765%
6	6.951	824	827	833	rBV	514529	412170	26.45%	2.955%
7	7.110	850	854	857	rBV	1251646	1149037	73.73%	8.238%
8	7.516	919	923	933	rBV	947672	895352	57.45%	6.419%
9	8.233	1042	1045	1059	rBV	486580	511250	32.81%	3.666%
10	9.310	1224	1228	1243	rBV	1735305	1558387	100.00%	11.173%
11	9.698	1291	1294	1301	rBV	190933	178267	11.44%	1.278%
12	9.992	1341	1344	1352	rBV	505317	501474	32.18%	3.595%
13	10.786	1475	1479	1491	rBV	807092	787924	50.56%	5.649%
14	11.492	1595	1599	1607	rBV	437420	458169	29.40%	3.285%
15	11.992	1681	1684	1693	rBV2	123617	142825	9.16%	1.024%
16	12.445	1758	1761	1764	rBV3	17530	22065	1.42%	0.158%
17	12.657	1794	1797	1800	rVB4	18101	19101	1.23%	0.137%
18	12.780	1816	1818	1825	rBV7	21858	35364	2.27%	0.254%
19	13.039	1859	1862	1864	rBV	34540	36039	2.31%	0.258%
20	13.068	1864	1867	1871	rVV	1245319	1196584	76.78%	8.579%
21	13.245	1895	1897	1900	rBV	32637	35451	2.27%	0.254%
22	13.321	1908	1910	1913	rVV2	30607	22575	1.45%	0.162%
23	13.351	1913	1915	1917	rVB	31368	21509	1.38%	0.154%
24	13.951	2014	2017	2023	rVB	88393	104743	6.72%	0.751%
25	14.139	2046	2049	2053	rBV	466853	409540	26.28%	2.936%
26	14.968	2187	2190	2200	rVB	127695	162613	10.43%	1.166%
27	15.239	2234	2236	2240	rVB	67621	68975	4.43%	0.495%
28	15.674	2307	2310	2319	rVB2	245117	326117	20.93%	2.338%

Sum of corrected areas: 13947496

LSC Report - Integrated Chromatogram

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Misc :
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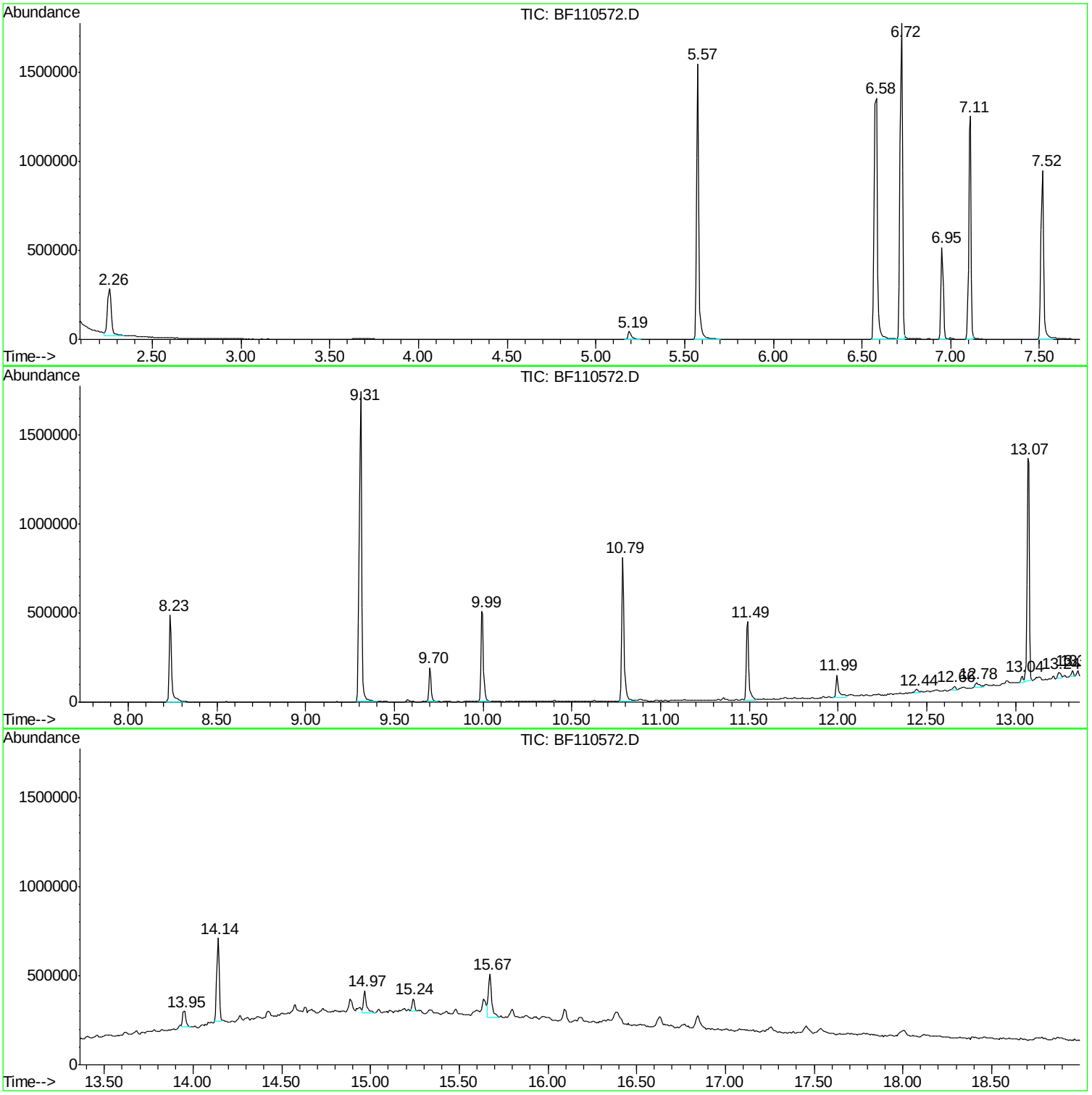
Instrument : BNA_F
ClientSampleId : 12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

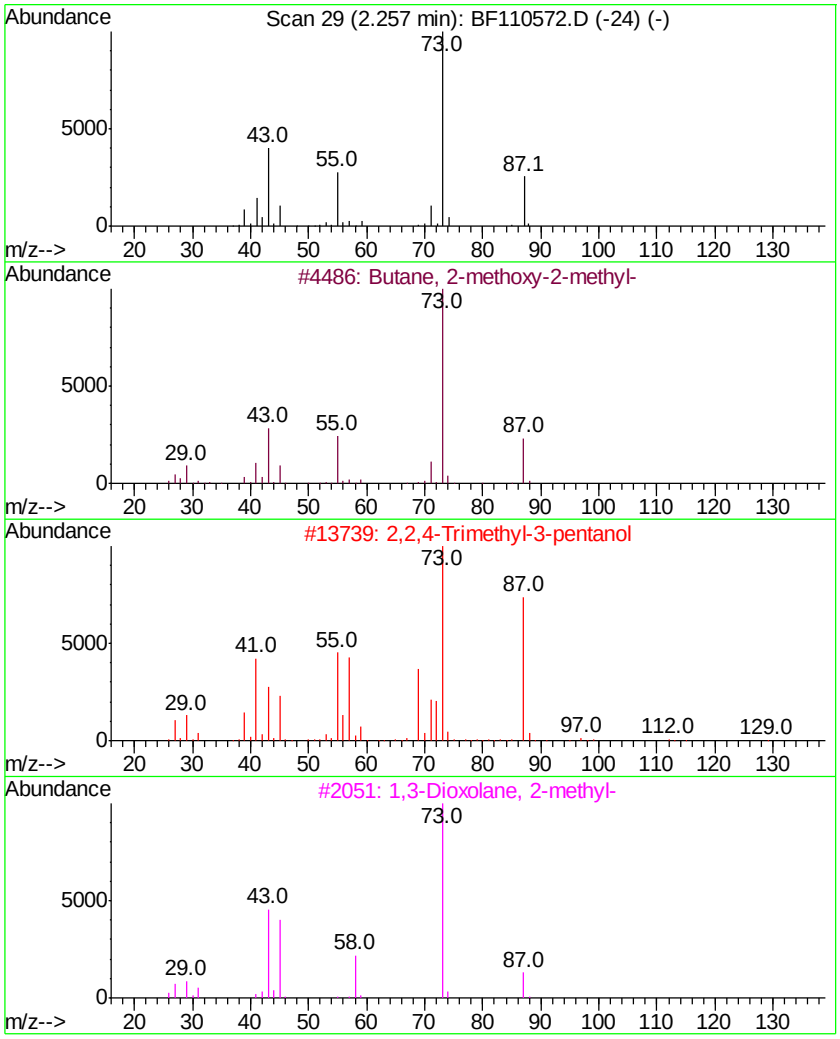
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

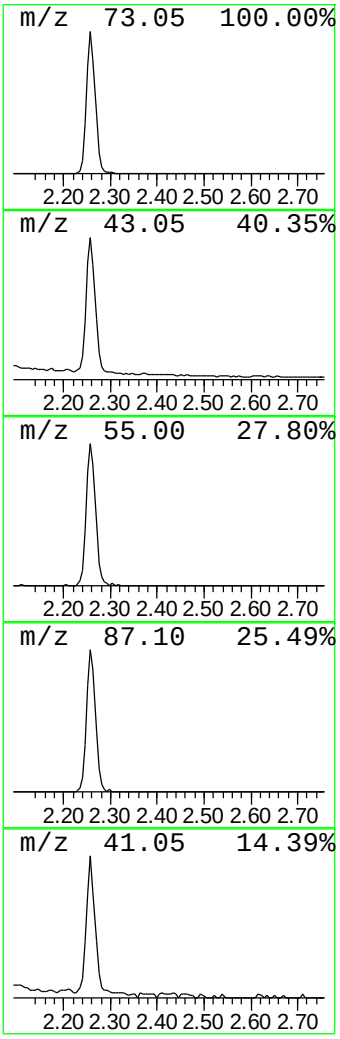
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	18.04 ng	371685	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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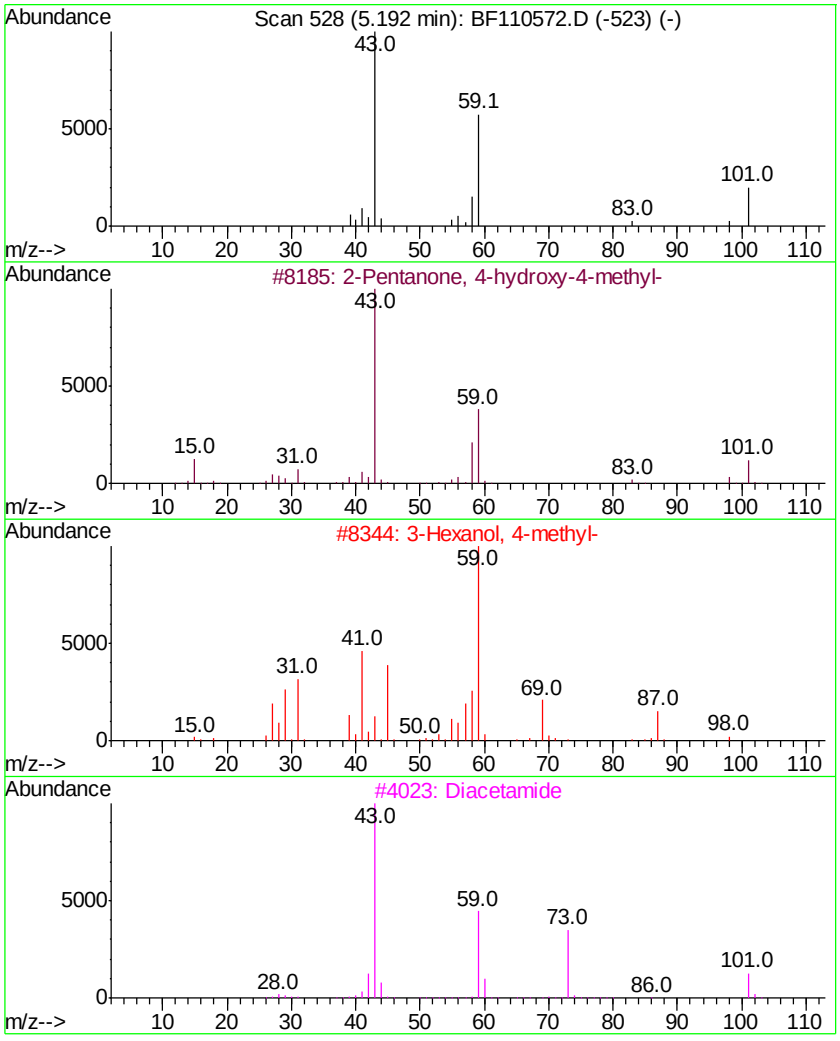
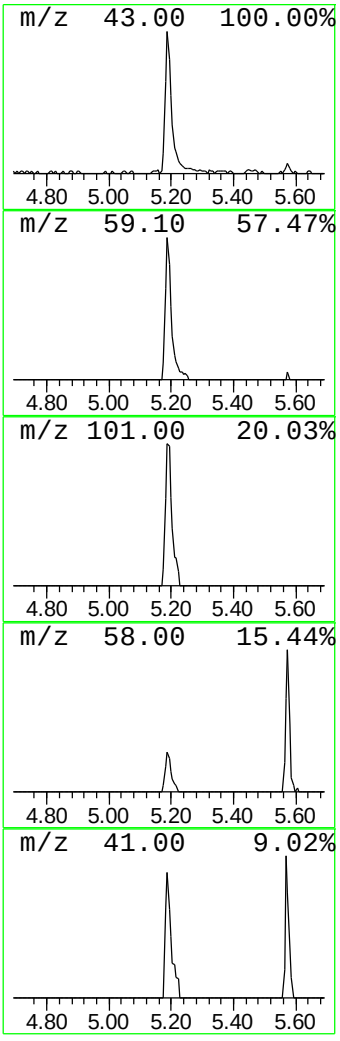
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.20 ng	65852	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Sample : J5735-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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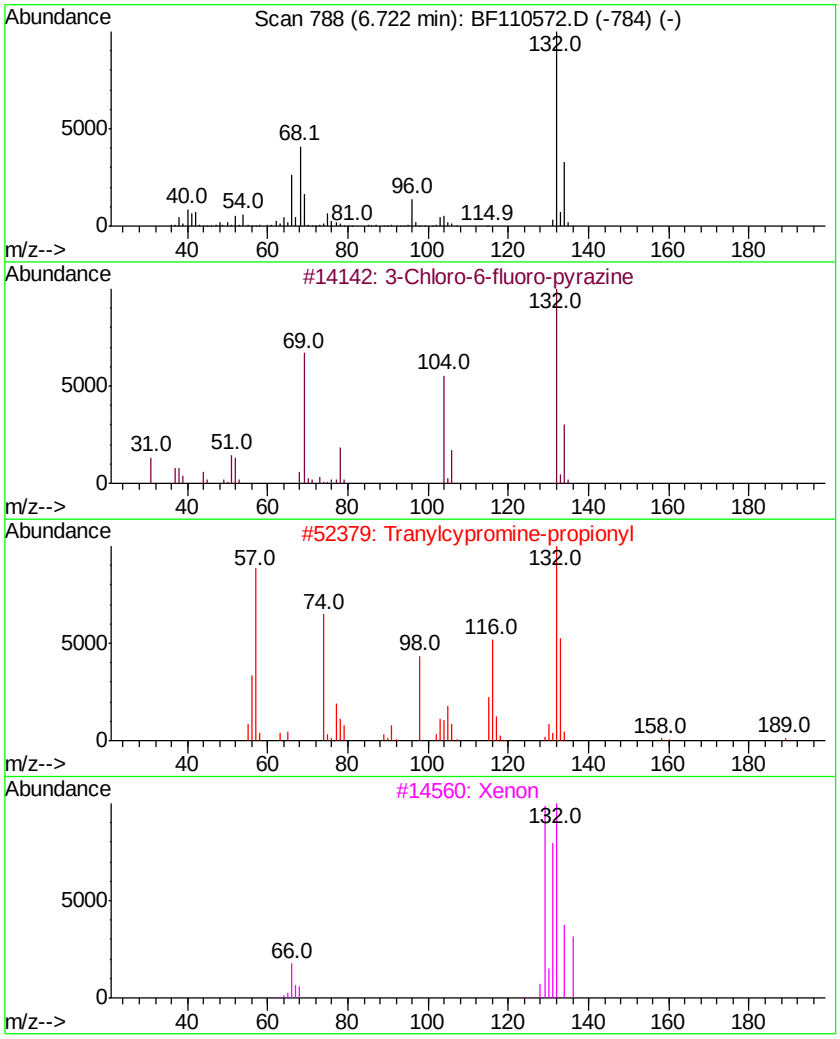
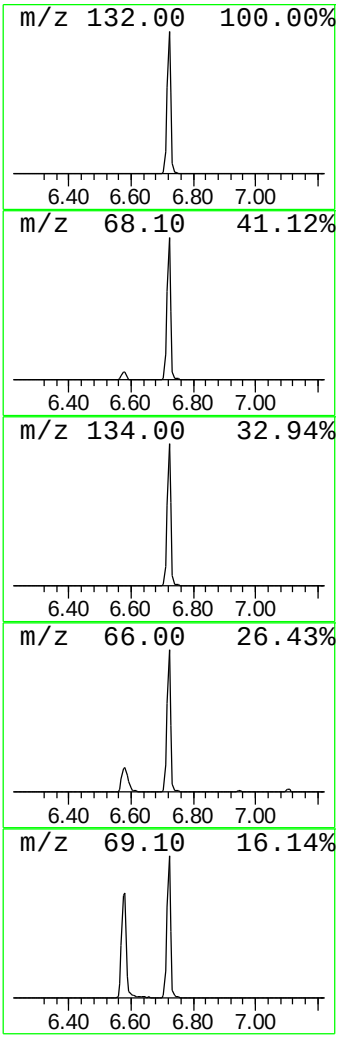
Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	72.85 ng	1501430	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : JU/SJ
Sample : J5735-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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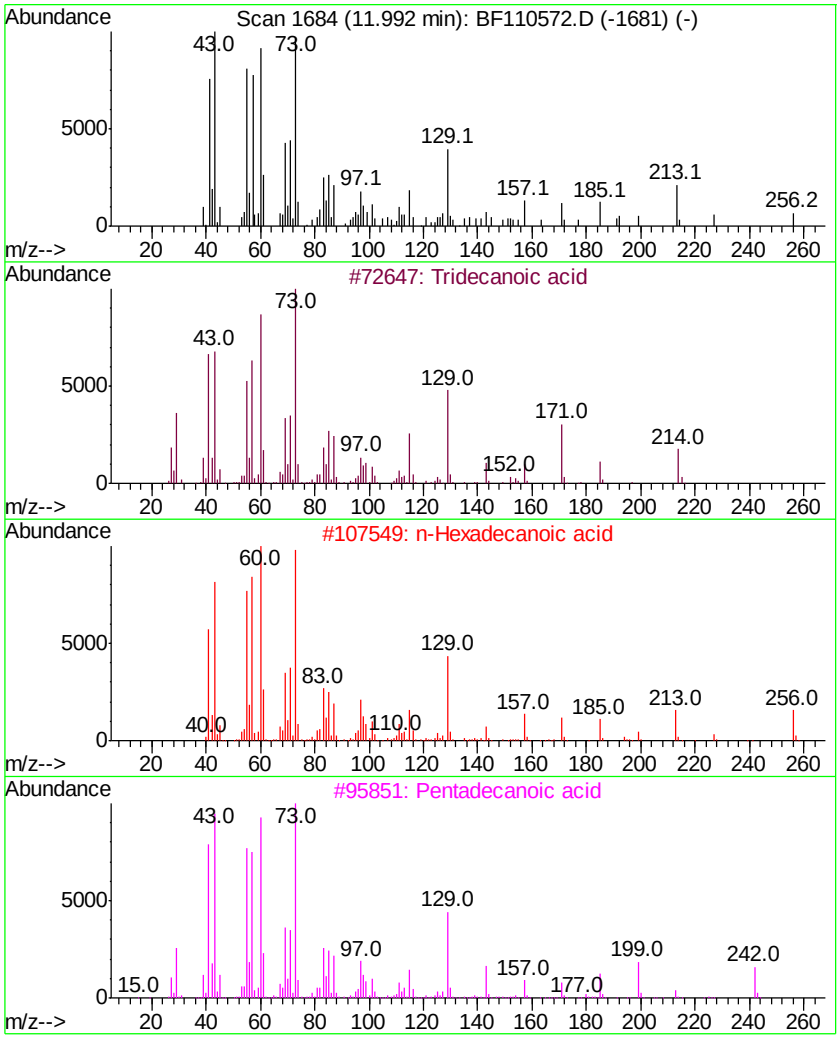
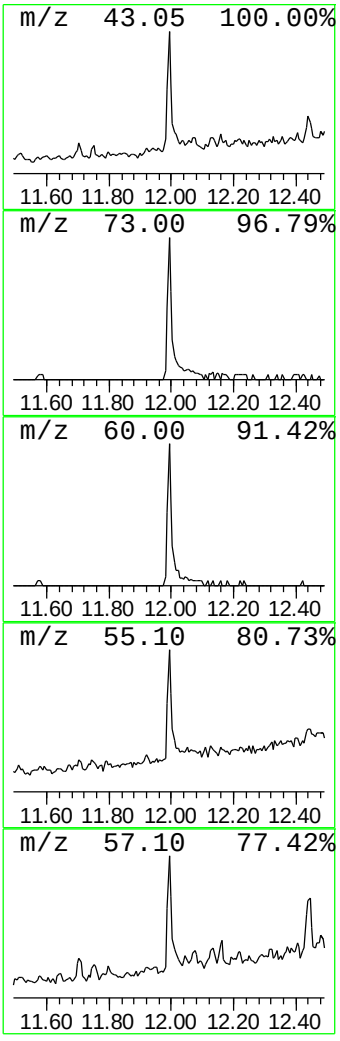
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.23 ng	142825	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : J5735-05
Misc :
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Instrument : BNA_F
ClientSampleId : 12B

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

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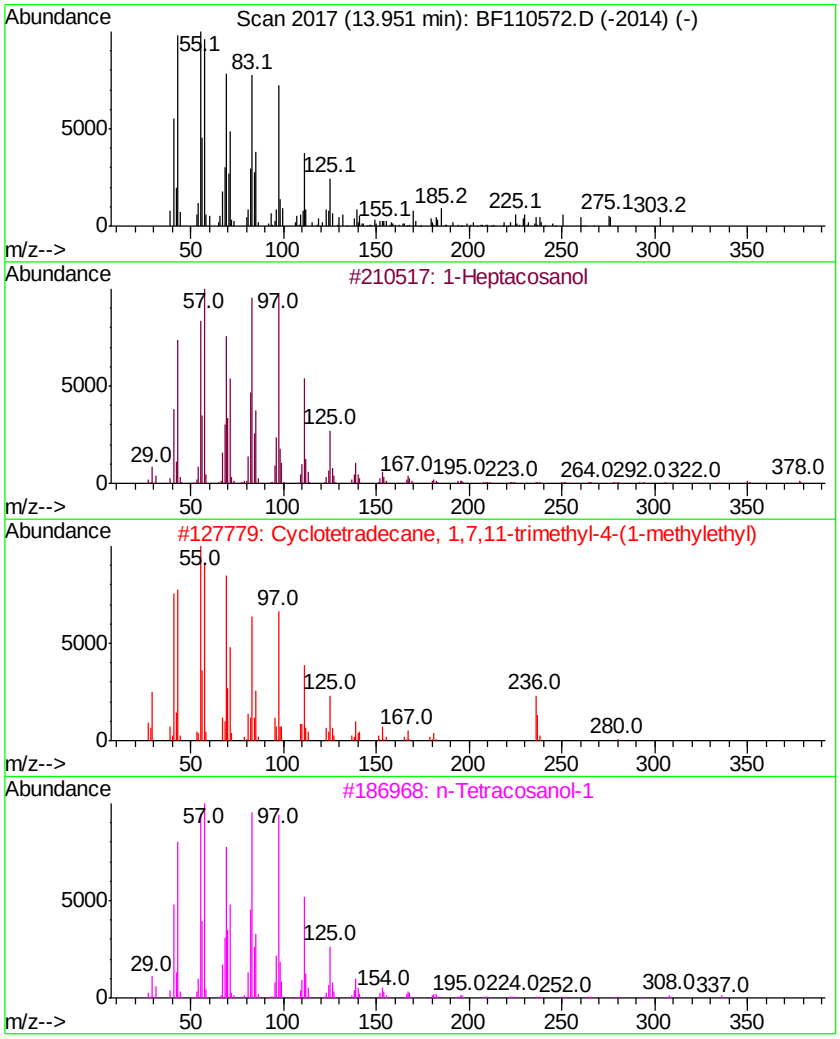
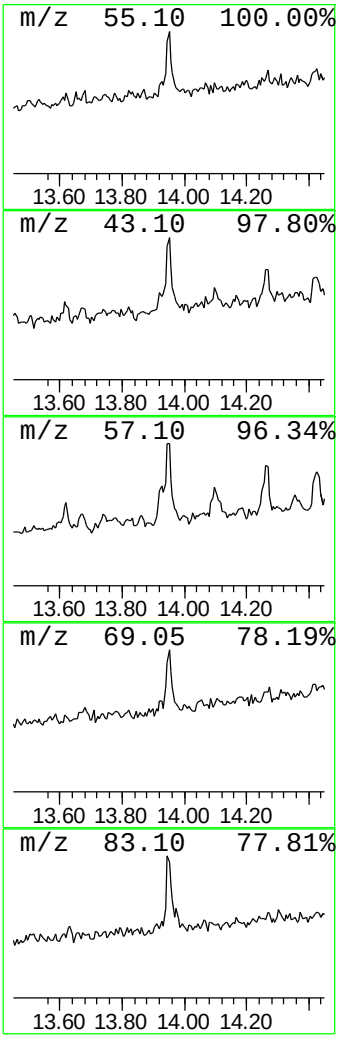
Peak Number 6 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.12 ng	104743	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4	Octacosanol	410	C28H58O	000557-61-9	64
5	1-Docosene	308	C22H44	001599-67-3	62





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Instrument : BNA_F
ClientSampleId : 12B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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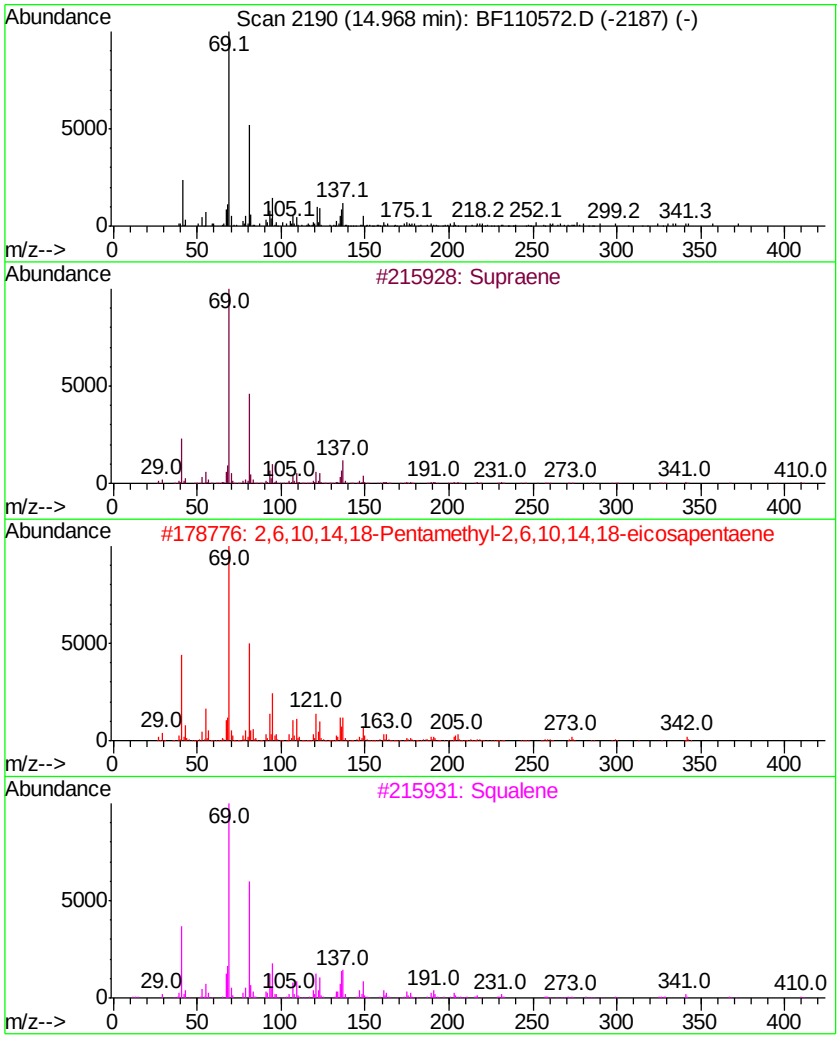
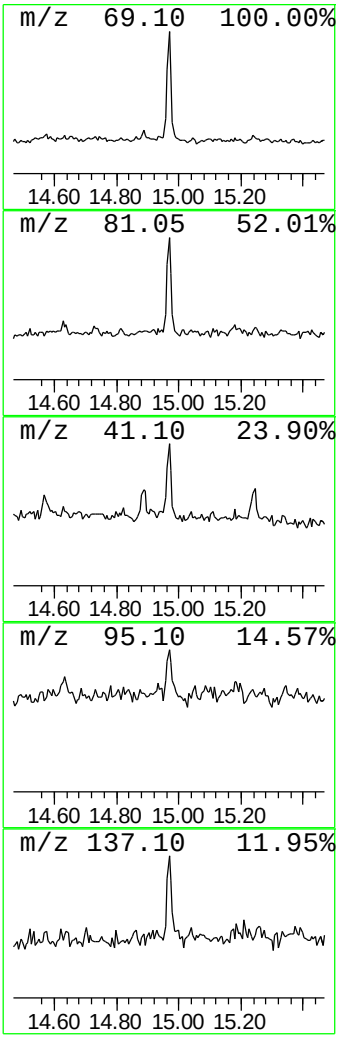
Peak Number 7 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	9.97 ng	162613	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	87
3	Squalene	410	C30H50	000111-02-4	86
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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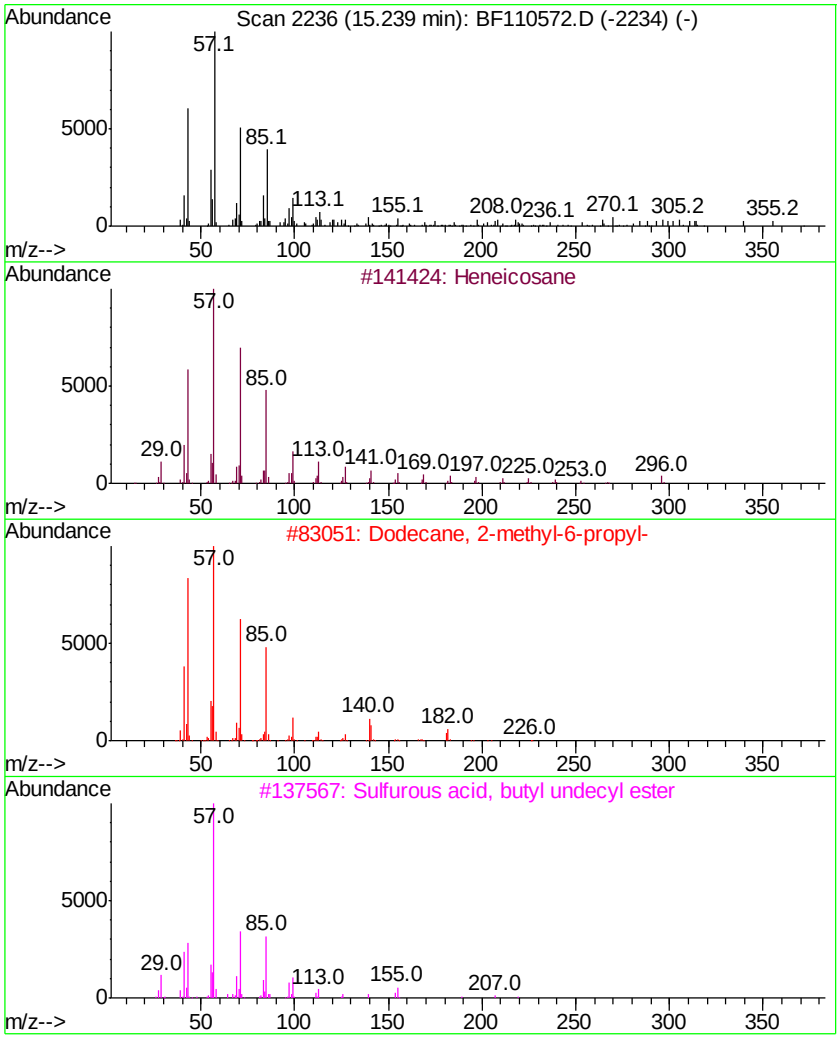
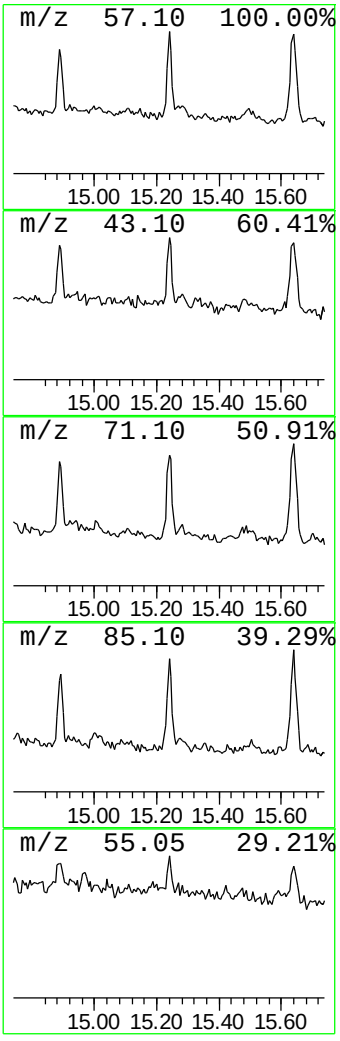
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.23 ng	68975	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	80
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.26	18.0	ng	371685	1	6.95	412170	20.0
2-Pentanone, 4-hy...	5.19	3.2	ng	65852	1	6.95	412170	20.0
unknown6.72	6.72	72.8	ng	1501430	1	6.95	412170	20.0
Tridecanoic acid	11.99	6.2	ng	142825	4	11.49	458169	20.0
1-Heptacosanol	13.95	5.1	ng	104743	5	14.14	409540	20.0
Supraene	14.97	10.0	ng	162613	6	15.67	326117	20.0
Heneicosane	15.24	4.2	ng	68975	6	15.67	326117	20.0