LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102843.D
Acq On : 8 Feb 2018 4:25
Operator : SJ/JU
Sample : J1458-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.175	9	15	24	rVB	451657	600660	12.34%	1.534%
2	5.122	513	516	526	rVB	133057	173250	3.56%	0.442%
3	5.504	576	581	584	rBV	4535713	4866022	100.00%	12.428%
4	6.510	746	752	765	rBV	3893281	4798692	98.62%	12.256%
5	6.657	771	777	780	rBV	4459551	4662742	95.82%	11.909%
6	6.881	812	815	819	rVB	1183639	1042182	21.42%	2.662%
7	7.040	838	842	846	rVB	3760897	3564274	73.25%	9.104%
8	7.445	906	911	914	rBV	2925101	3034617	62.36%	7.751%
9	8.163	1029	1033	1037	rBV	1406399	1320636	27.14%	3.373%
10	9.239	1211	1216	1220	rBV	4423738	4397655	90.37%	11.232%
11	9.316	1226	1229	1231	rVB	73029	55201	1.13%	0.141%
12	9.628	1279	1282	1286	rBV	351124	347699	7.15%	0.888%
13	9.845	1315	1319	1322	rVB	220491	157415	3.23%	0.402%
14	9.922	1328	1332	1341	rVB	1433609	1235766	25.40%	3.156%
15	10.345	1401	1404	1407	rVB	248743	188536	3.87%	0.482%
16	10.563	1436	1441	1444	rBV2	61844	80826	1.66%	0.206%
17	10.710	1462	1466	1476	rVB	2247986	2148144	44.15%	5.487%
18	10.816	1481	1484	1494	rVB	194267	207171	4.26%	0.529%
19	11.269	1557	1561	1563	rBV	73416	63301	1.30%	0.162%
20	11.410	1581	1585	1589	rBV	1183761	995664	20.46%	2.543%
21	11.927	1670	1673	1677	rBV	71885	72140	1.48%	0.184%
22	12.810	1819	1823	1826	rVB	83495	73271	1.51%	0.187%
23	12.998	1850	1855	1858	rBV	2989203	3066573	63.02%	7.832%
24	13.469	1927	1935	1939	rBV4	35203	52046	1.07%	0.133%
25	13.510	1939	1942	1945	rVB	60359	55910	1.15%	0.143%
26	13.880	2001	2005	2016	rBV	201392	234742	4.82%	0.600%
27	14.051	2030	2034	2040	rBV	962712	919996	18.91%	2.350%
28	15.533	2280	2286	2296	rBV	494992	737625	15.16%	1.884%

Sum of corrected areas: 39152756

LSC Report - Integrated Chromatogram

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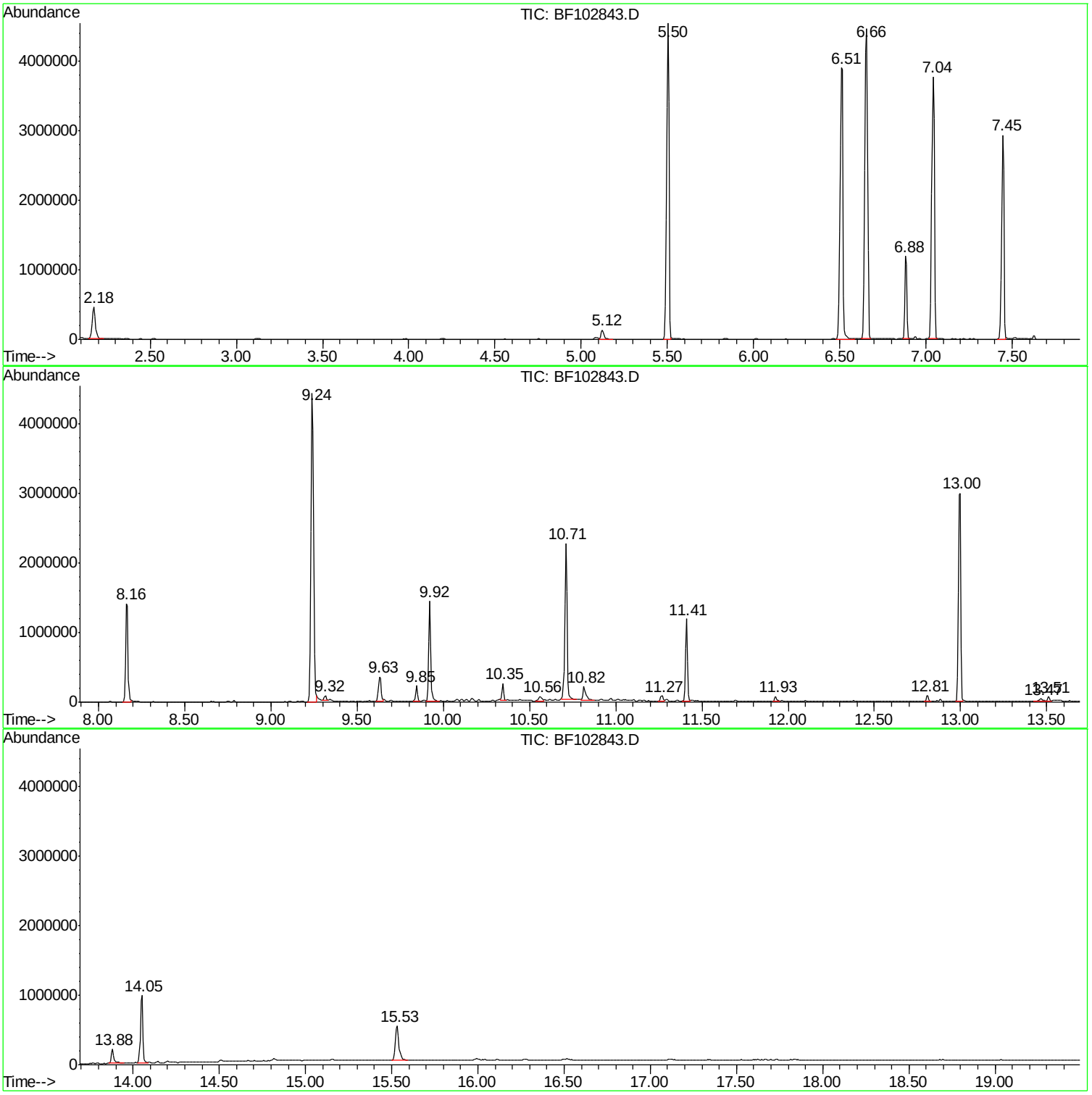
Sample : J1458-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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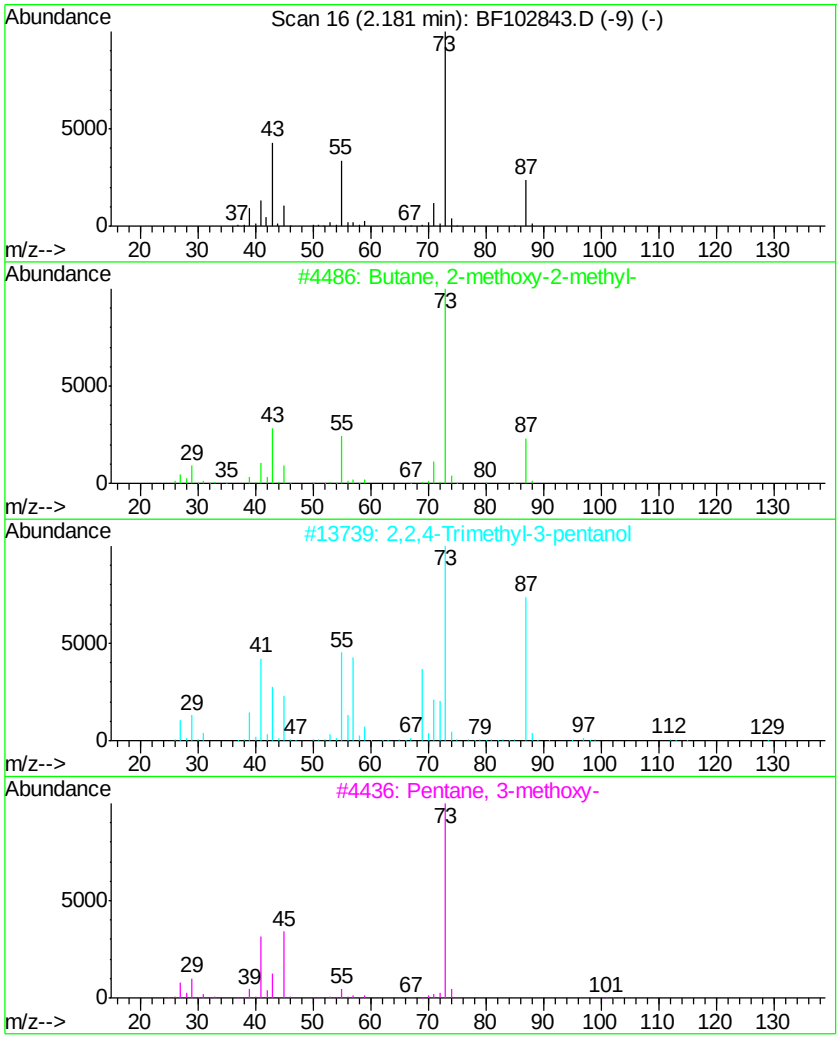
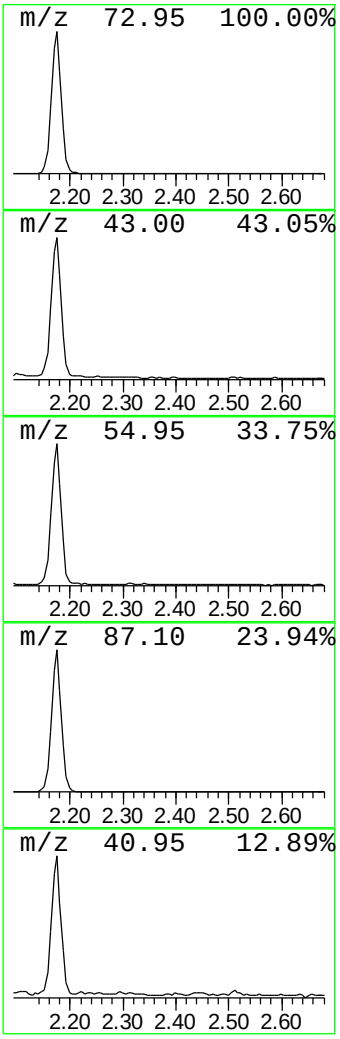
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	11.53 ng	600660	1,4-Dichlorobenzene-d4	6.88

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : SJ/JU
Sample : J1458-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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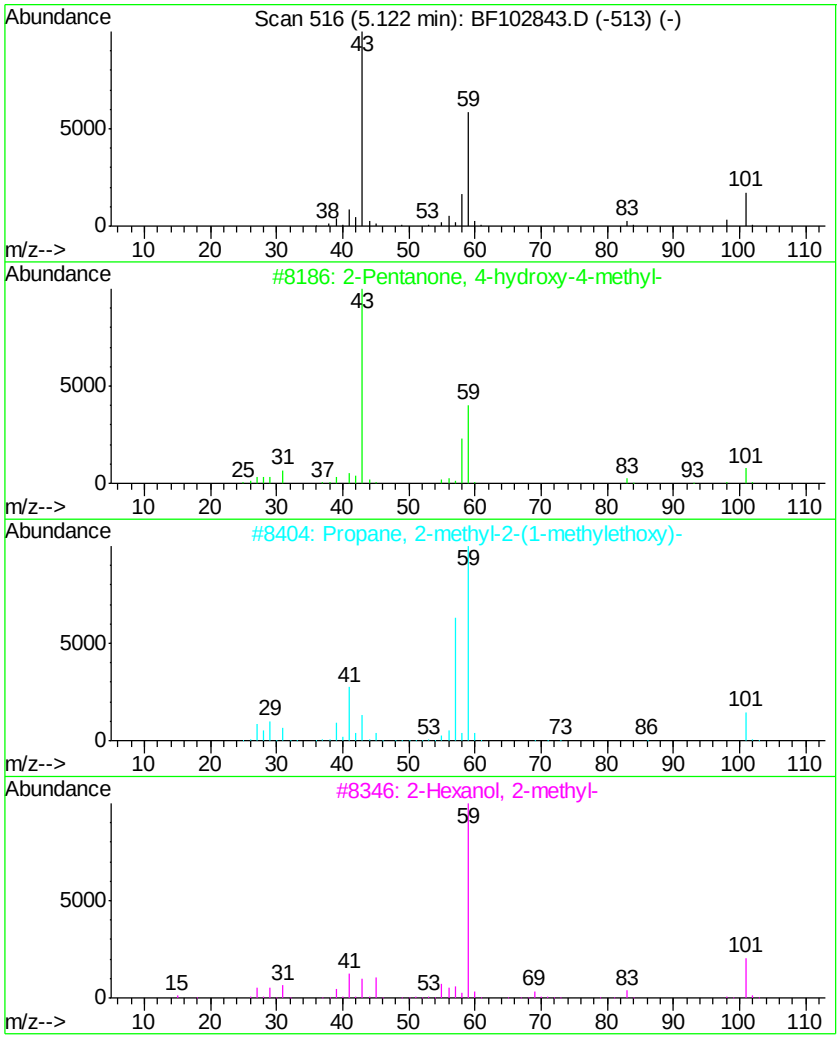
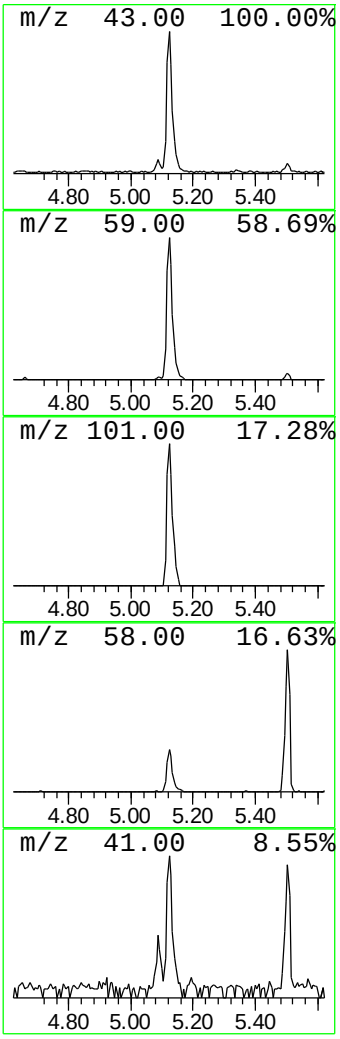
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.32 ng	173250	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1,2-Butanediol	90	C4H10O2	000584-03-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Data File : BF102843.D
Acq On : 8 Feb 2018 4:25
Operator : SJ/JU
Sample : J1458-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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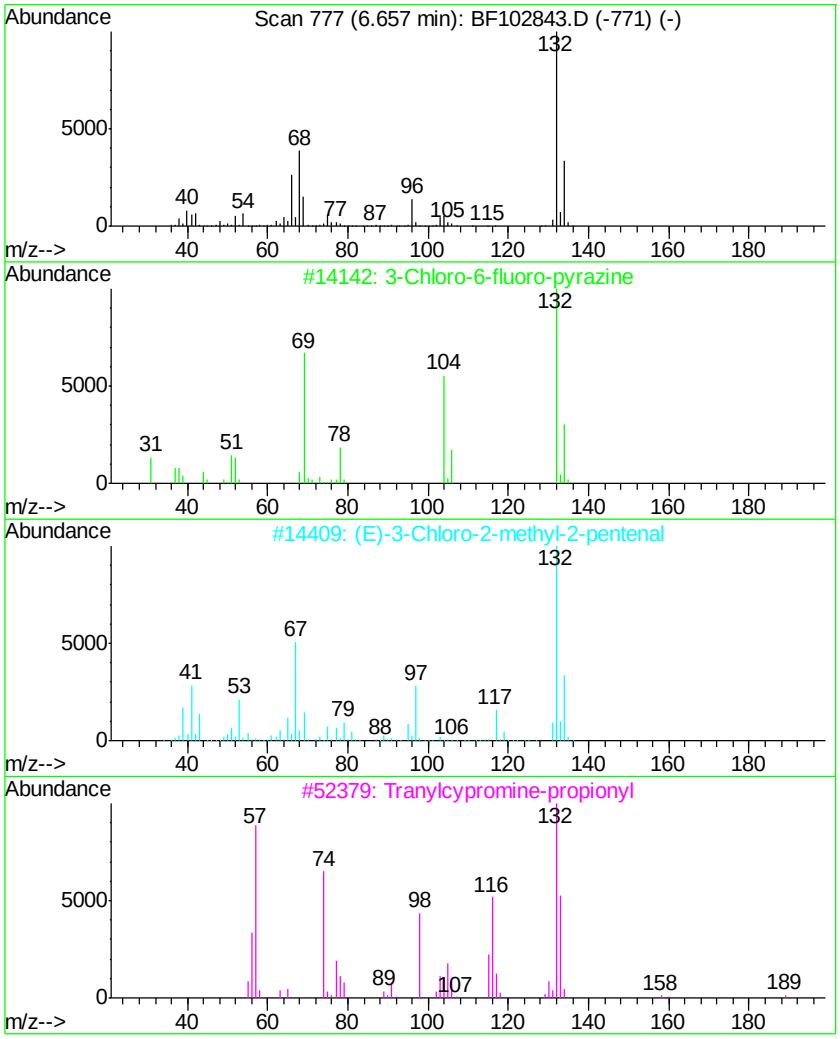
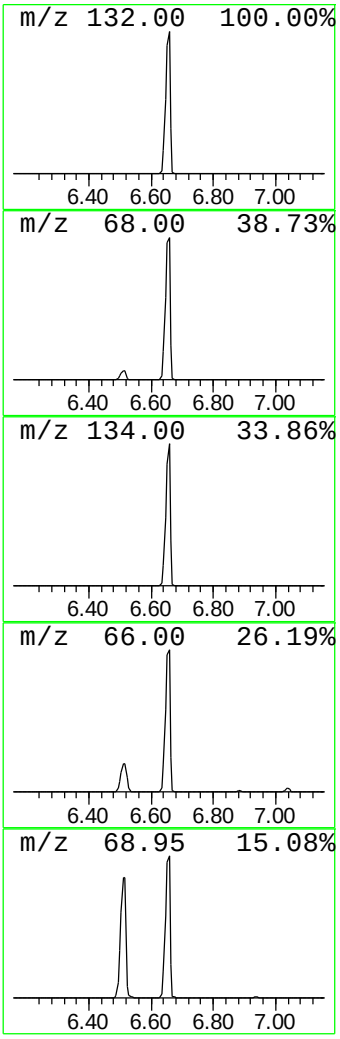
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	89.48 ng	4662740	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : J1458-04
Misc :
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Instrument : BNA_F
ClientSampleId : SB-04

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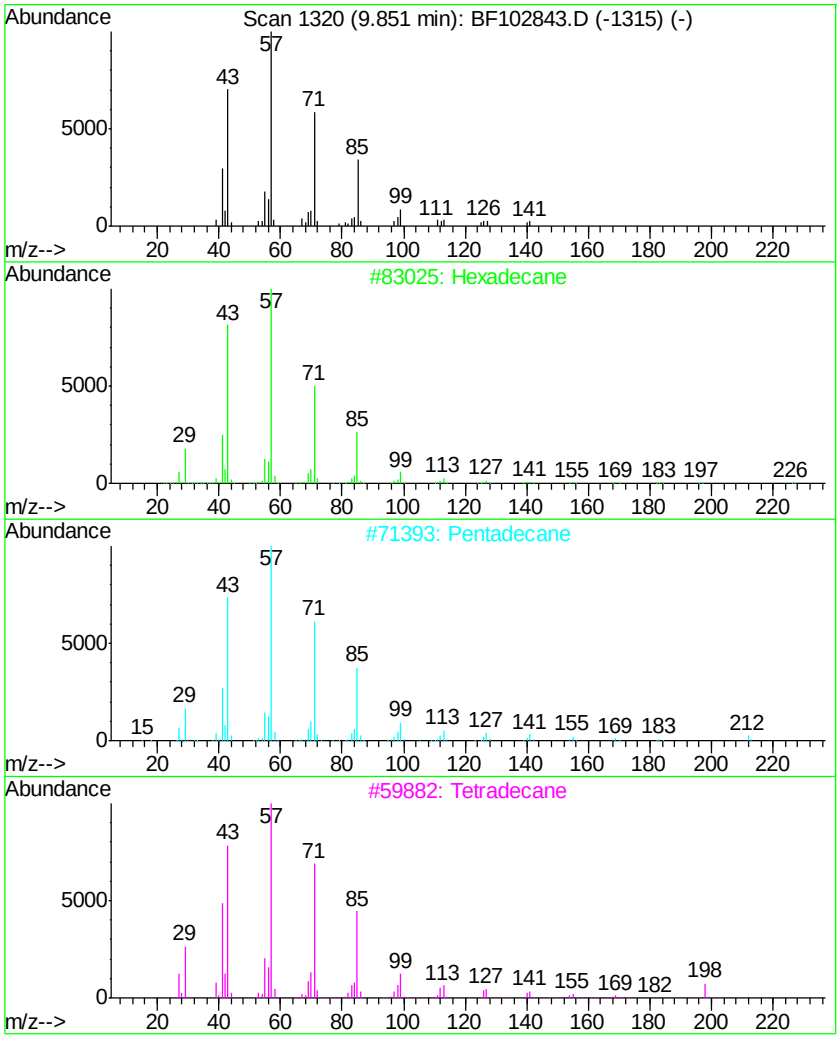
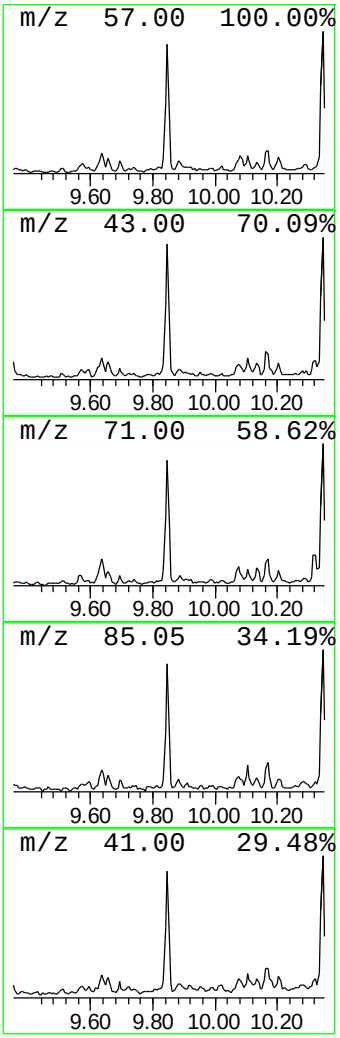
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.55 ng	157415	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Operator : SJ/JU
Sample : J1458-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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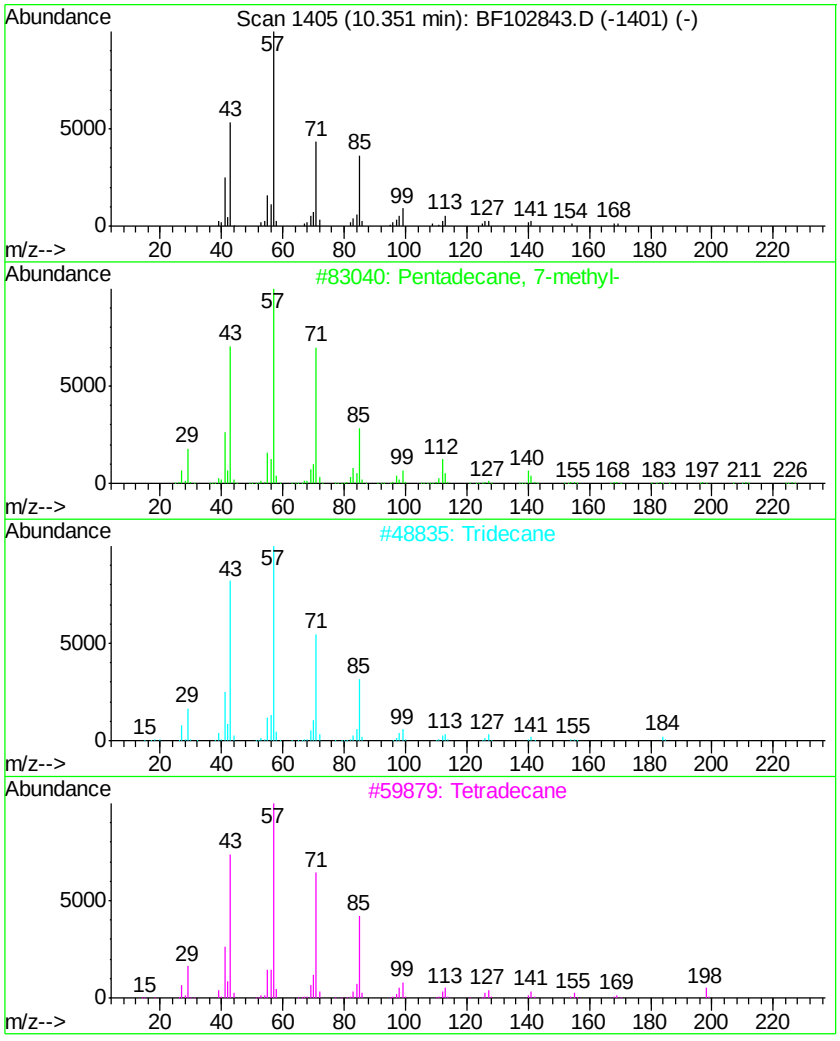
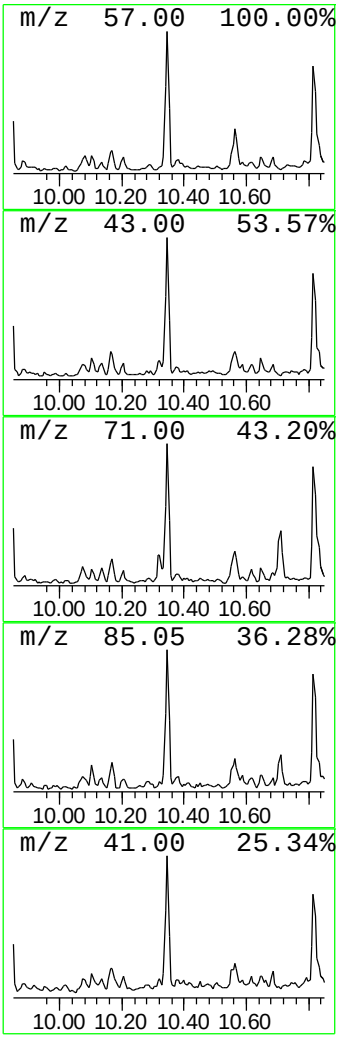
Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.05 ng	188536	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	83





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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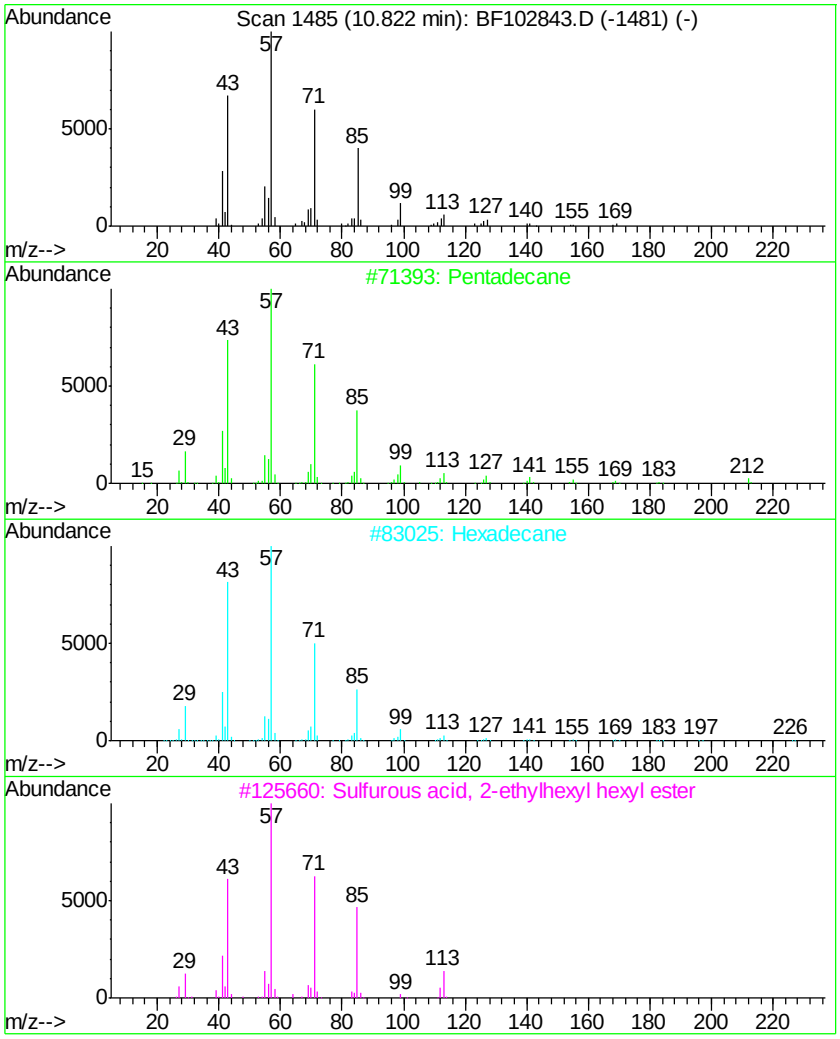
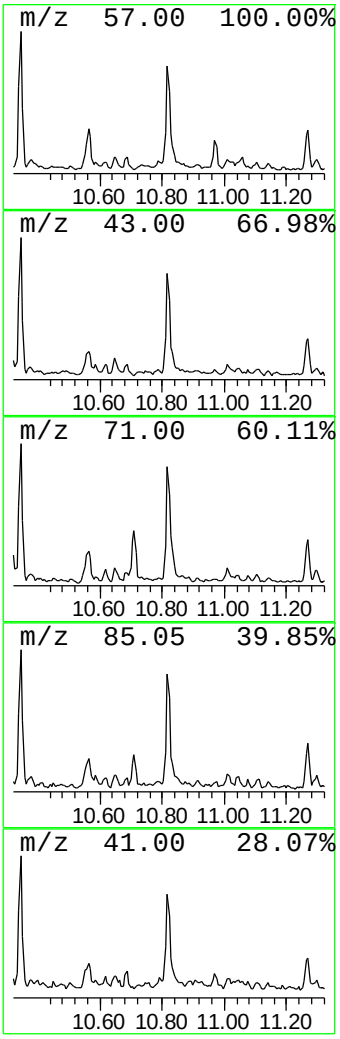
Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.16 ng	207171	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Instrument : BNA_F
ClientSampleId : SB-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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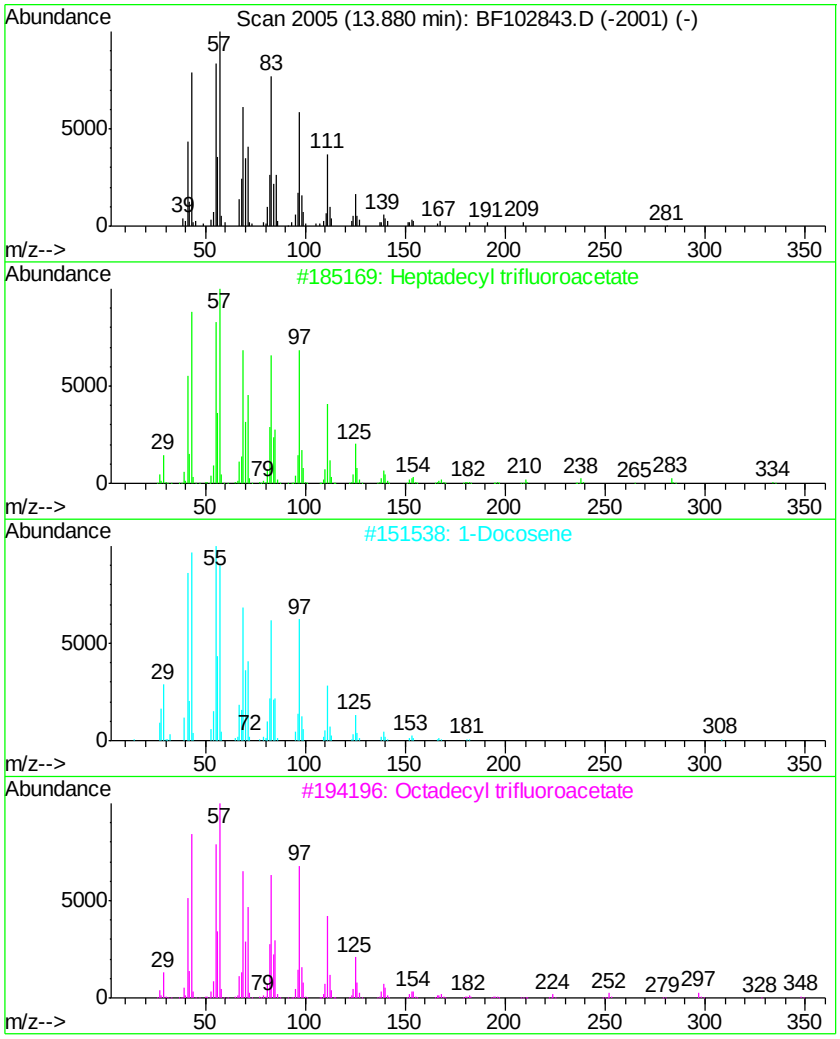
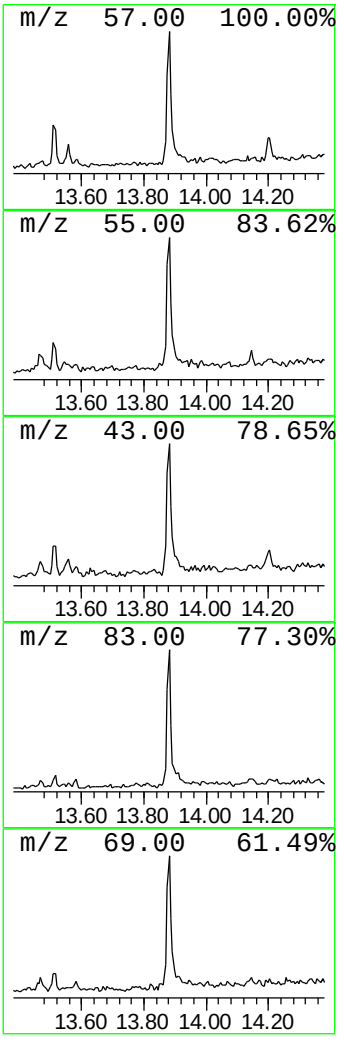
Peak Number 8 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.10 ng	234742	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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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...	2.18	11.5	ng	600660	1	6.88	1042180	20.0
2-Pentanone, 4-hy...	5.12	3.3	ng	173250	1	6.88	1042180	20.0
unknown6.66	6.66	89.5	ng	4662740	1	6.88	1042180	20.0
Hexadecane	9.85	2.5	ng	157415	3	9.92	1235770	20.0
Pentadecane, 7-me...	10.35	3.0	ng	188536	3	9.92	1235770	20.0
Pentadecane	10.82	4.2	ng	207171	4	11.41	995664	20.0
Heptadecyl triflu...	13.88	5.1	ng	234742	5	14.05	919996	20.0