LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083860.D
Acq On : 16 Dec 2015 20:49
Operator : UM/SJ
Sample : G4775-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-C-20150874

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-BF121315.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	2.190	6	9	17	rVB	31636	63893	2.20%	0.283%
2	4.419	202	204	210	rBV	38219	54227	1.87%	0.241%
3	5.082	260	262	269	rVB	405989	620421	21.36%	2.752%
4	5.504	296	299	302	rBV	1902210	2048603	70.53%	9.088%
5	6.533	385	389	391	rBV	1773946	2418764	83.28%	10.730%
6	6.659	397	400	403	rBV	2021168	2203951	75.88%	9.777%
7	6.887	418	420	422	rBV	549316	488888	16.83%	2.169%
8	7.047	432	434	437	rVB	1950133	1751465	60.30%	7.770%
9	7.459	466	470	472	rBV	1051627	1550928	53.40%	6.880%
10	8.179	530	533	535	rBV	465256	644974	22.21%	2.861%
11	9.253	624	627	629	rBV	2943878	2904534	100.00%	12.885%
12	9.642	659	661	663	rBV	733370	580299	19.98%	2.574%
13	9.928	683	686	688	rBV	927494	793371	27.31%	3.520%
14	10.716	752	755	757	rBV	1675172	1757823	60.52%	7.798%
15	10.831	763	765	769	rBV	29382	52089	1.79%	0.231%
16	11.288	803	805	806	rBV	30591	34008	1.17%	0.151%
17	11.402	813	815	818	rBV2	631503	745606	25.67%	3.308%
18	11.631	833	835	838	rBV	100794	131361	4.52%	0.583%
19	12.191	882	884	887	rBV	216263	184202	6.34%	0.817%
20	12.614	919	921	924	rVB	33818	29306	1.01%	0.130%
21	12.991	951	954	957	rBV	2439504	2298073	79.12%	10.195%
22	13.882	1030	1032	1036	rBV	53543	77635	2.67%	0.344%
23	14.042	1043	1046	1048	rBV	465836	606527	20.88%	2.691%
24	14.888	1118	1120	1123	rBV	40579	43976	1.51%	0.195%
25	15.471	1169	1171	1174	rBV	319853	456200	15.71%	2.024%

Sum of corrected areas: 22541124

LSC Report - Integrated Chromatogram

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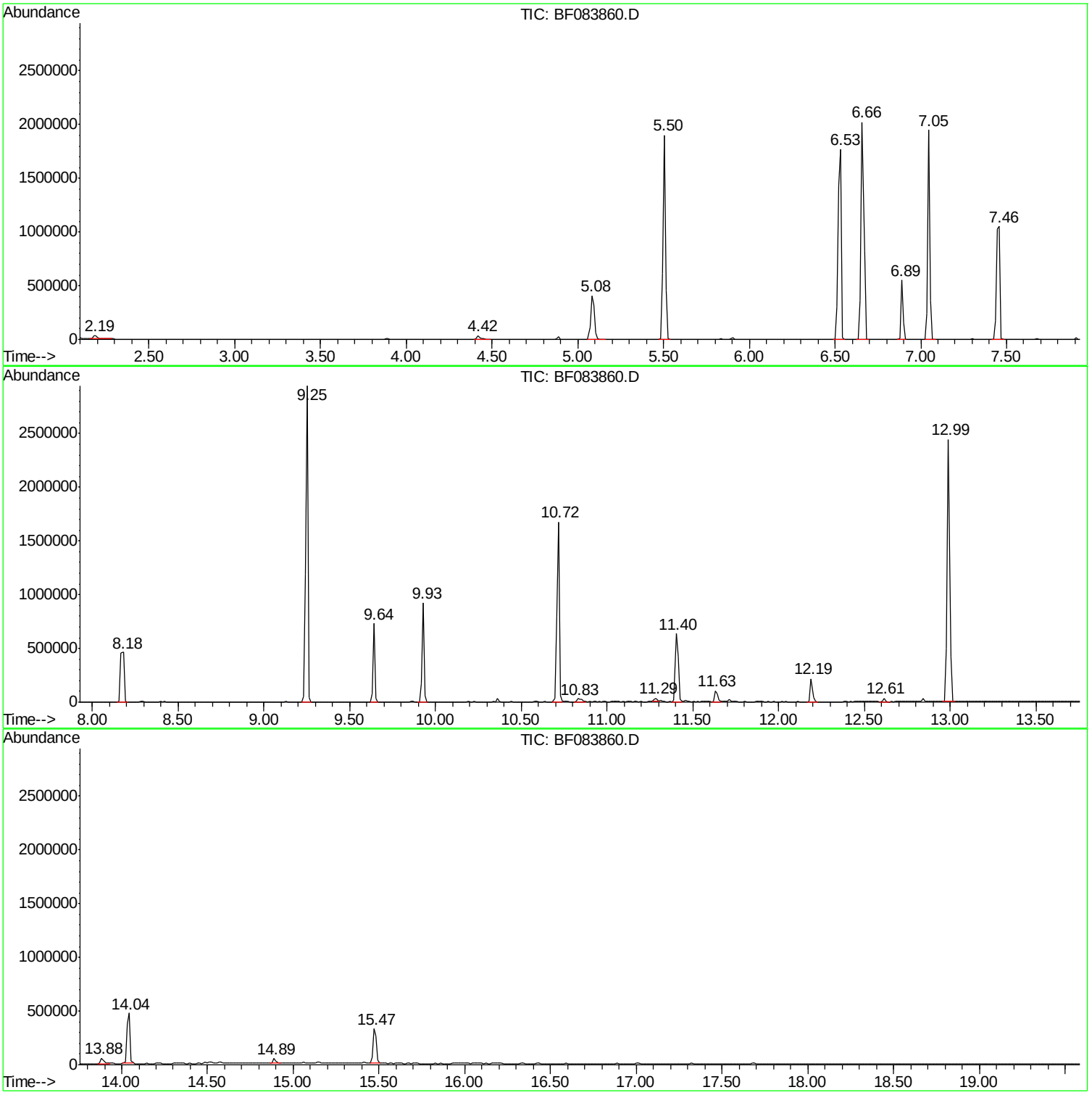
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083860.D
Acq On : 16 Dec 2015 20:49
Operator : UM/SJ
Sample : G4775-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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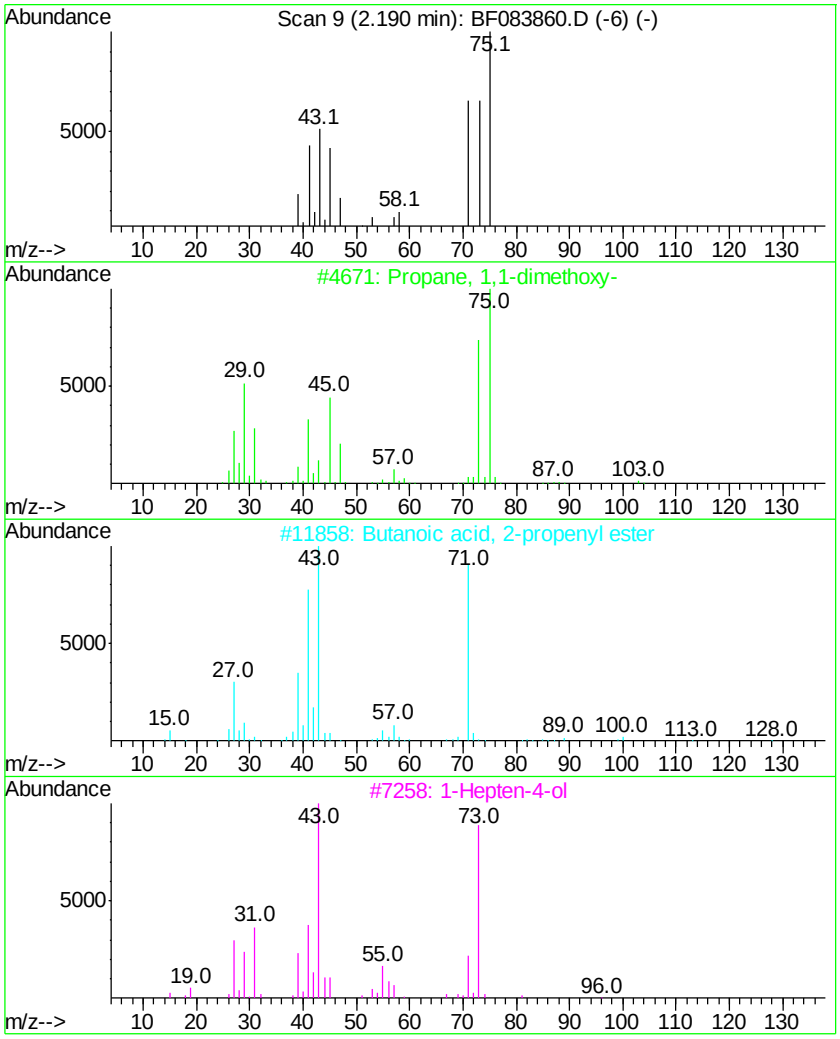
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

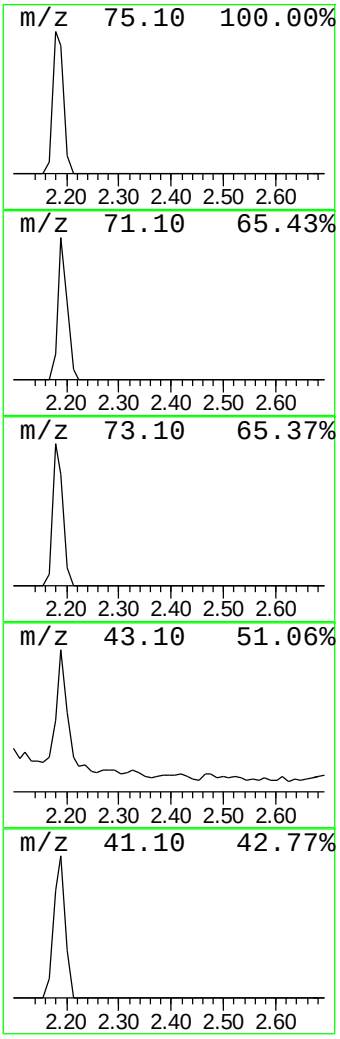
****

Peak Number 1 unknown2.19 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.61 ng	63893	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	40
2	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	9
3	1-Hepten-4-ol	114	C7H14O	003521-91-3	9
4	Cyclopropanemethanol, .alpha.-bu...	128	C8H16O	004379-16-2	9
5	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	9





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Operator : UM/SJ
Sample : G4775-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-C-20150874

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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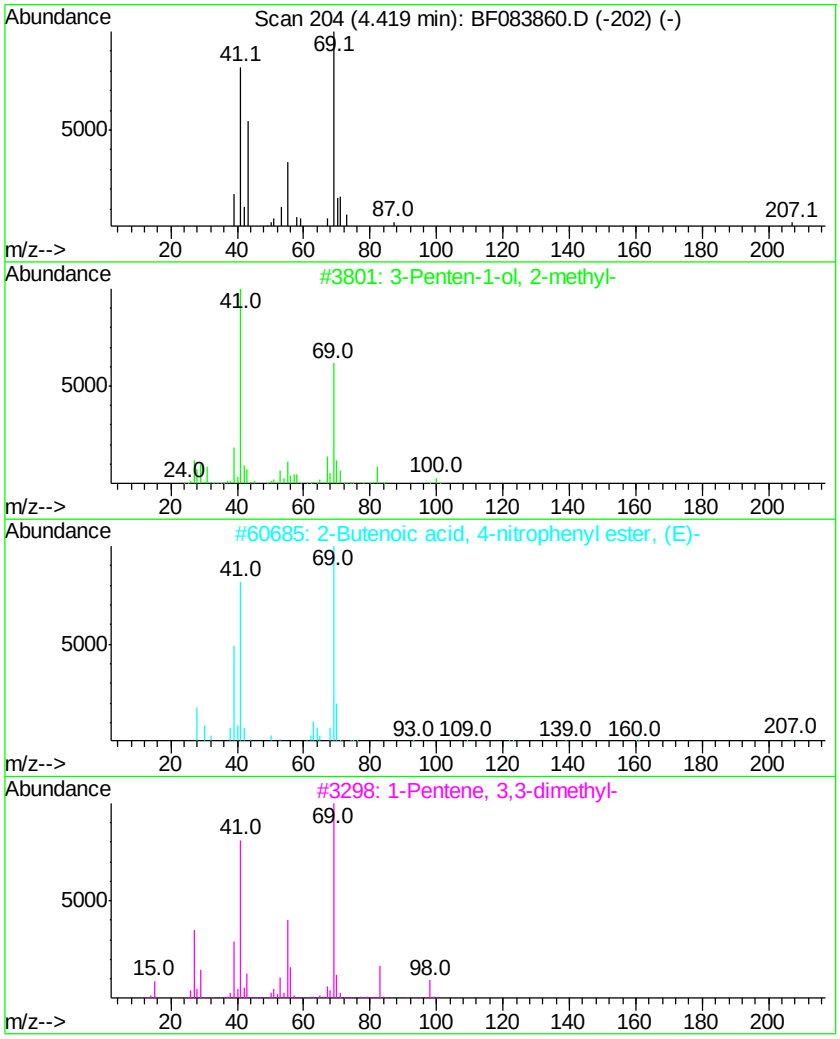
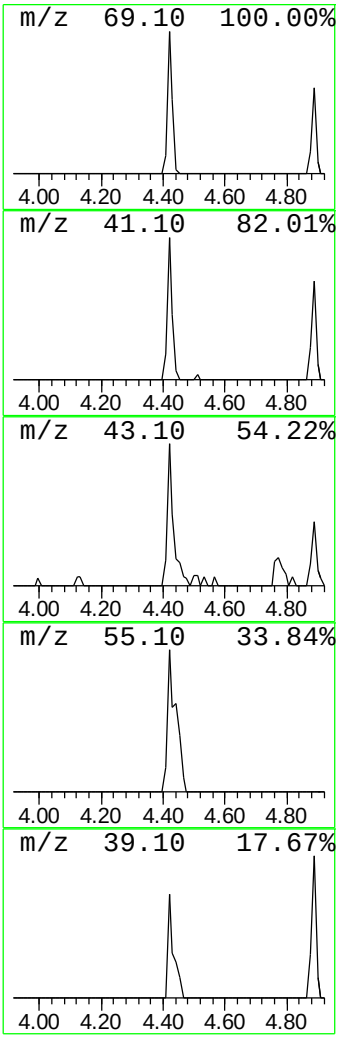
Peak Number 2 3-Penten-1-ol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	2.22 ng	54227	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	64
2	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	64
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	39
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083860.D
Acq On : 16 Dec 2015 20:49
Operator : UM/SJ
Sample : G4775-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-C-20150874

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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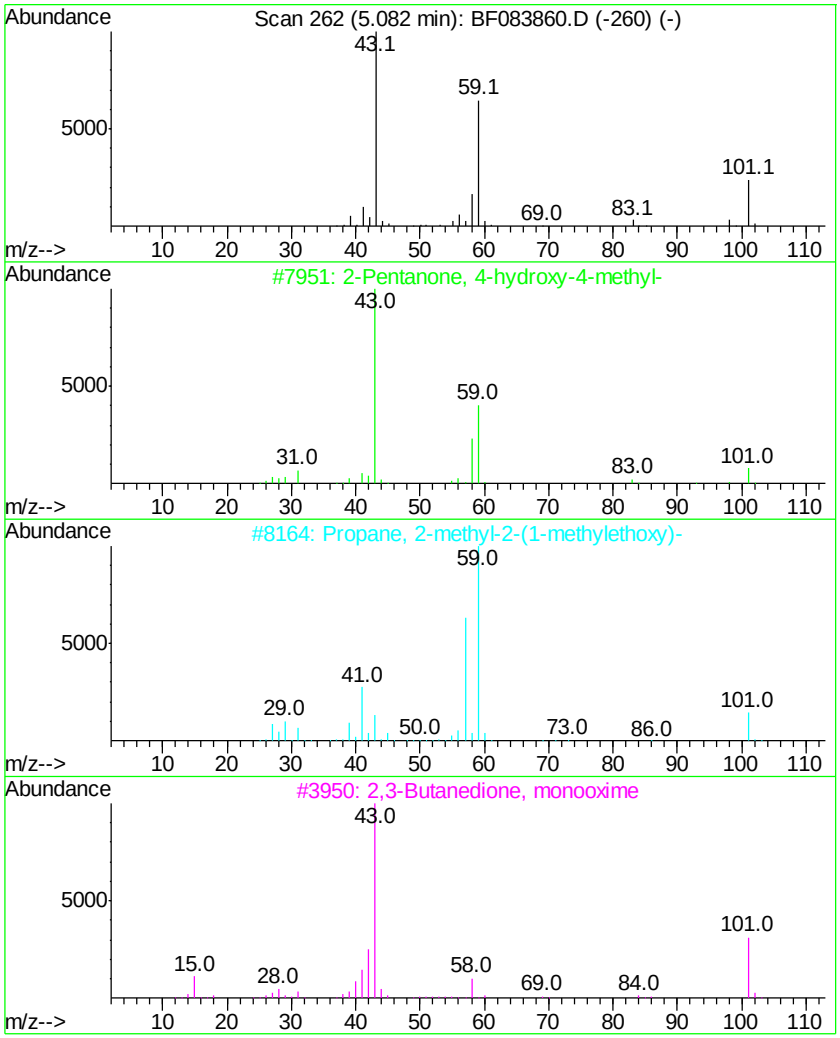
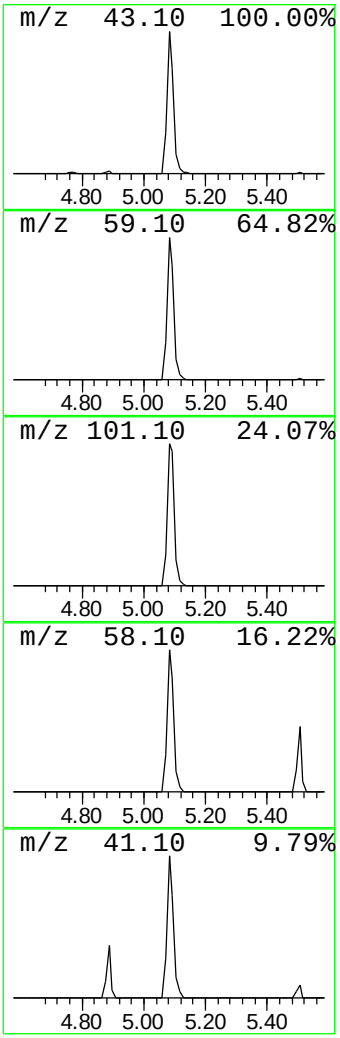
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	25.38 ng	620421	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : G4775-14
Misc :
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Instrument : BNA_F
ClientSampleId : COMPOSITE-C-20150874

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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TIC Library : C:\DATABASE\NIST02.L
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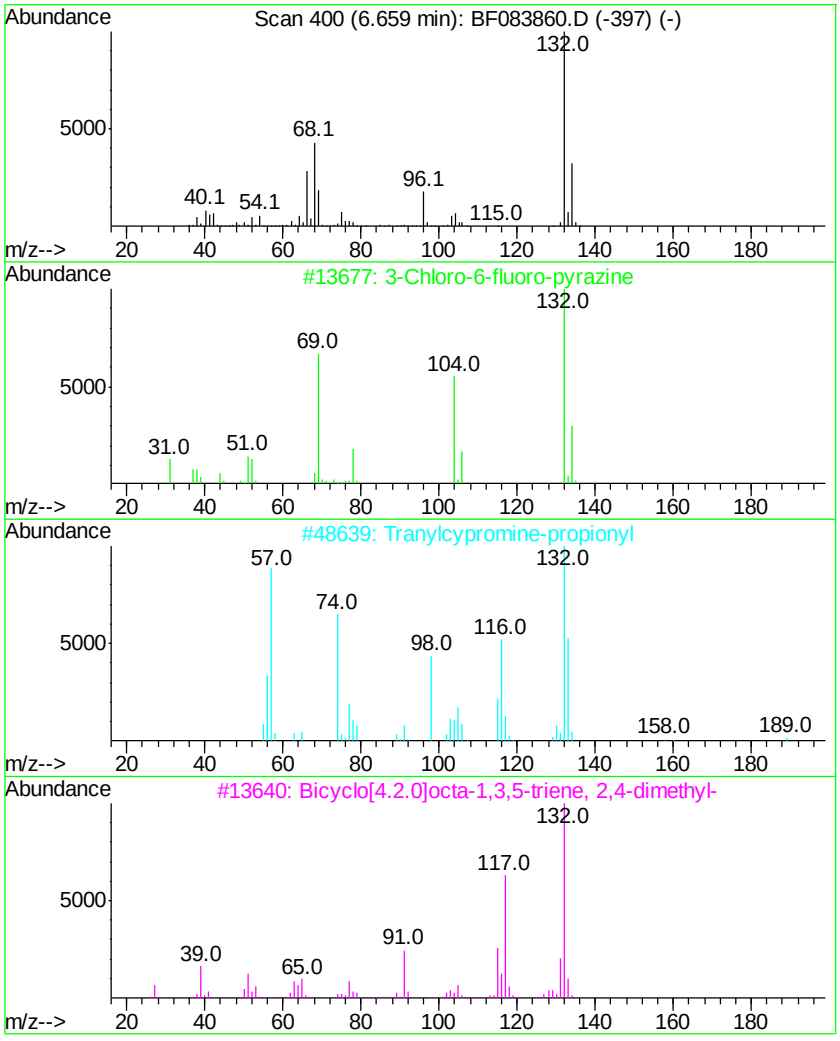
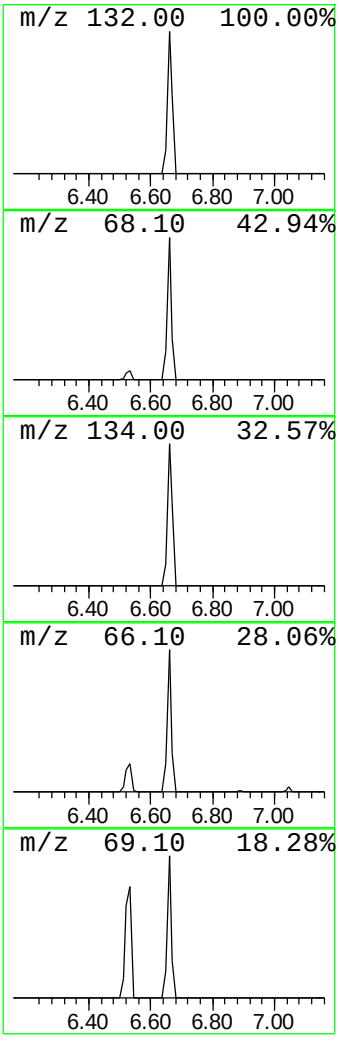
Peak Number 4 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	90.16 ng	2203950	1,4-Dichlorobenzene-d4	6.89

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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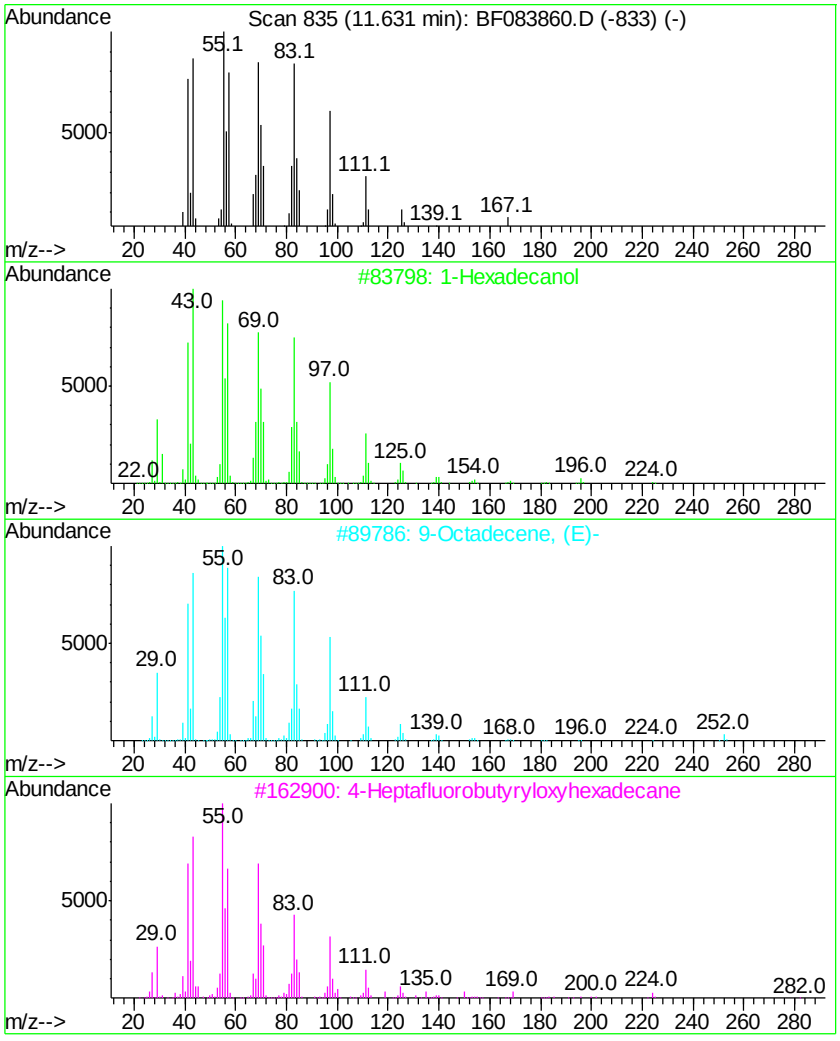
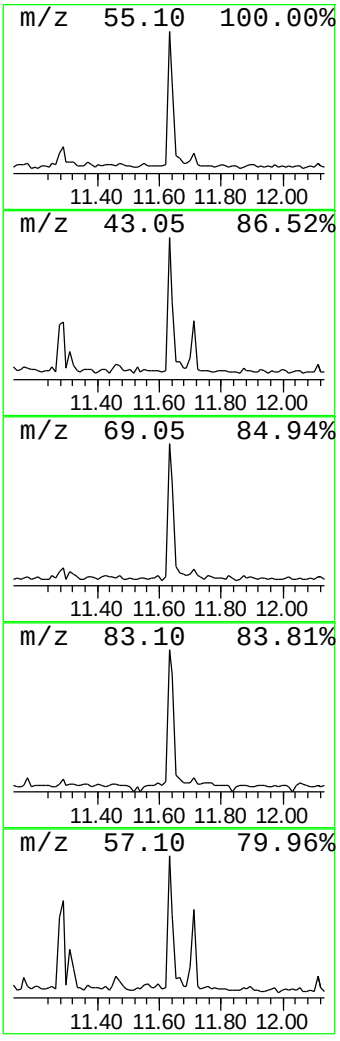
Peak Number 6 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.52 ng	131361	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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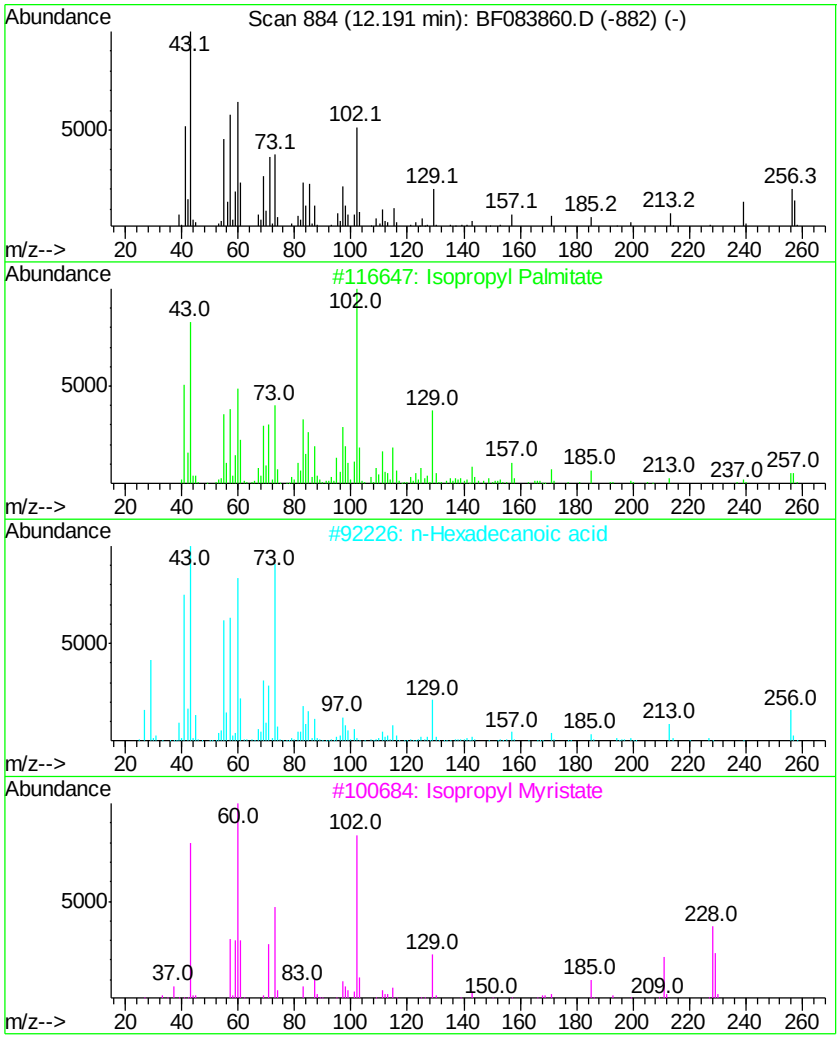
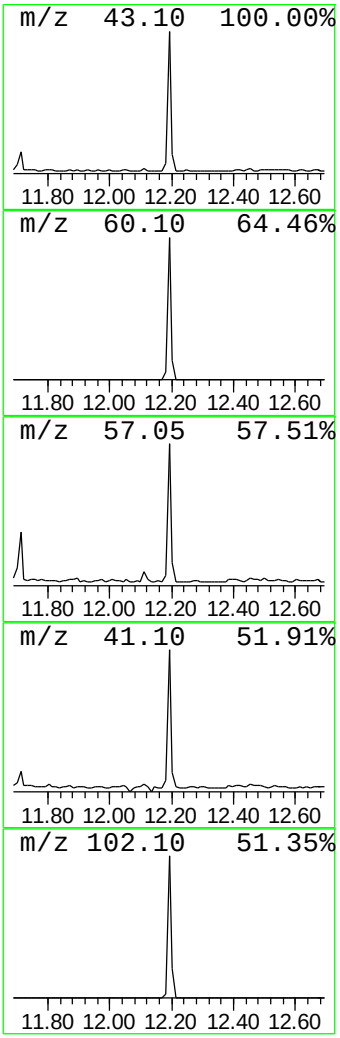
Peak Number 7 Isopropyl Palmitate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.94 ng	184202	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	51
3	Isopropyl Myristate	270	C17H34O2	000110-27-0	49
4	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	47
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	47





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BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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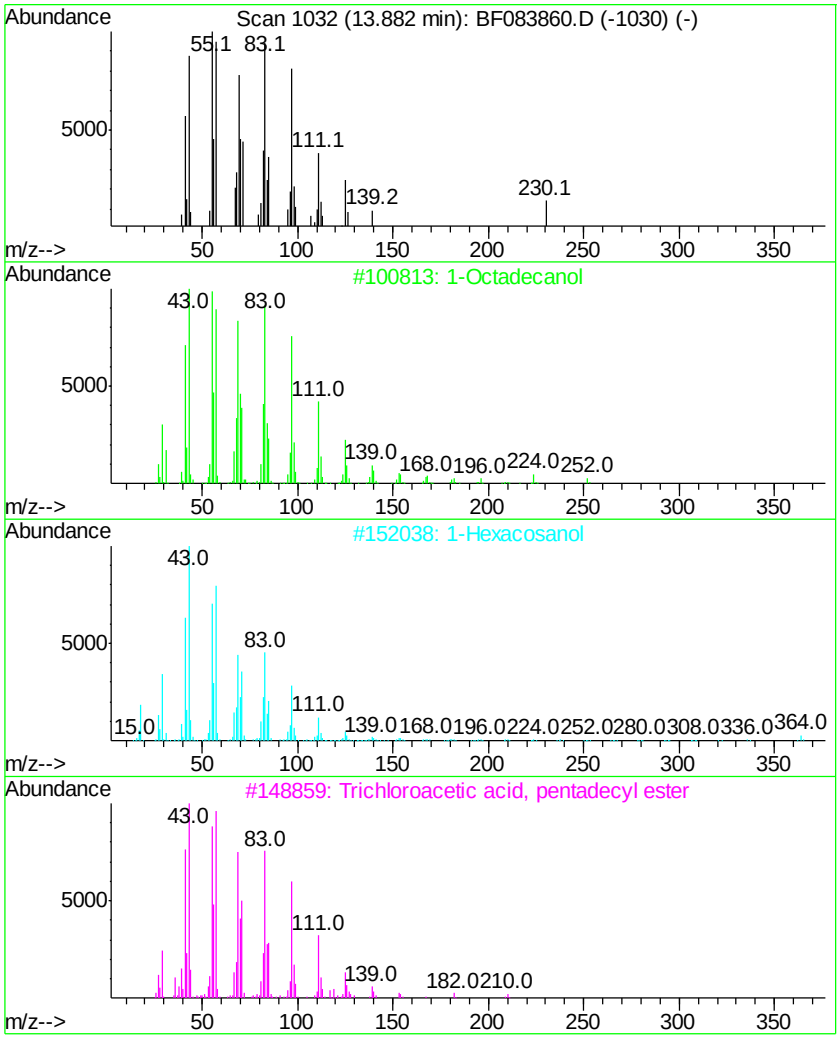
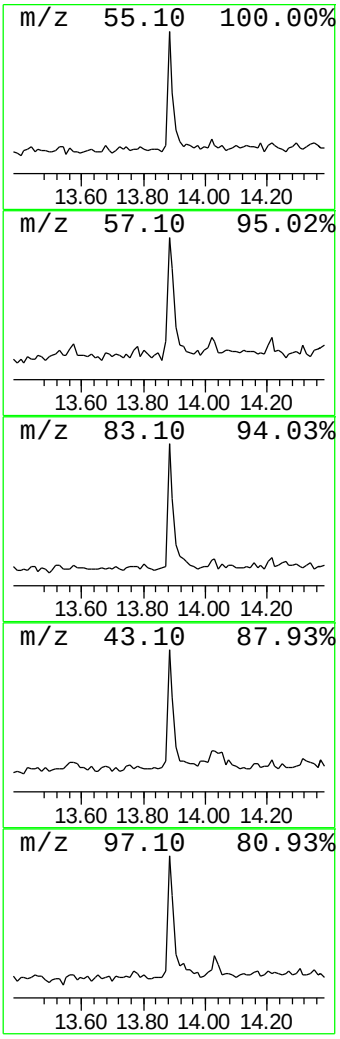
Peak Number 8 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.56 ng	77635	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	95
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	1-Nonadecene	266	C19H38	018435-45-5	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
unknown2.19	2.19	2.6	ng	63893	1	6.89	488888	20.0
3-Penten-1-ol, 2-...	4.42	2.2	ng	54227	1	6.89	488888	20.0
2-Pentanone, 4-hy...	5.08	25.4	ng	620421	1	6.89	488888	20.0
unknown6.66	6.66	90.2	ng	2203950	1	6.89	488888	20.0
1-Hexadecanol	11.63	3.5	ng	131361	4	11.40	745606	20.0
Isopropyl Palmitate	12.19	4.9	ng	184202	4	11.40	745606	20.0
1-Octadecanol	13.88	2.6	ng	77635	5	14.04	606527	20.0