LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083750.D
Acq On : 14 Dec 2015 1:00
Operator : UM/IZ
Sample : G4759-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K208-35-37

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	2.224	10	12	23	rVB	48418	109563	3.31%	0.370%
2	5.116	262	265	272	rVB	523391	716101	21.65%	2.420%
3	5.527	298	301	303	rBV	2812502	2916591	88.20%	9.856%
4	6.544	387	390	392	rBV	2713372	2924518	88.44%	9.883%
5	6.682	399	402	405	rBV	2591368	3022970	91.41%	10.215%
6	6.922	420	423	425	rBV	605691	742983	22.47%	2.511%
7	7.070	434	436	439	rBV	1903074	2350275	71.07%	7.942%
8	7.470	468	471	474	rBV	1465237	2070532	62.61%	6.997%
9	8.202	532	535	537	rBV	1101965	1030042	31.15%	3.481%
10	9.276	626	629	631	rBV	3531091	3306961	100.00%	11.175%
11	9.665	661	663	665	rBV	729730	604093	18.27%	2.041%
12	9.893	680	683	685	rBV	52259	42491	1.28%	0.144%
13	9.951	685	688	691	rVB	1222782	1138457	34.43%	3.847%
14	10.396	723	727	728	rBV	52068	70494	2.13%	0.238%
15	10.613	743	746	749	rBV	28969	48031	1.45%	0.162%
16	10.739	754	757	759	rBV	2203941	2289755	69.24%	7.738%
17	10.865	766	768	775	rBV	90919	117457	3.55%	0.397%
18	11.311	805	807	808	rBV	62961	52020	1.57%	0.176%
19	11.425	815	817	820	rVB	832714	1059959	32.05%	3.582%
20	12.842	939	941	944	rVB	195216	170599	5.16%	0.576%
21	12.922	944	948	950	rBV2	41936	55332	1.67%	0.187%
22	13.014	953	956	959	rBV	3065427	2913897	88.11%	9.847%
23	13.551	1001	1003	1005	rBV	99104	108831	3.29%	0.368%
24	13.597	1005	1007	1011	rVB	44070	53994	1.63%	0.182%
25	13.917	1032	1035	1038	rBV2	71043	132723	4.01%	0.448%
26	14.054	1045	1047	1050	rBV	778229	789880	23.89%	2.669%
27	14.237	1061	1063	1066	rBV	58712	51593	1.56%	0.174%
28	14.545	1088	1090	1092	rBV	38270	46678	1.41%	0.158%
29	14.842	1114	1116	1119	rVB	39585	36978	1.12%	0.125%
30	15.494	1170	1173	1176	rBV	519570	618978	18.72%	2.092%

Sum of corrected areas: 29592776

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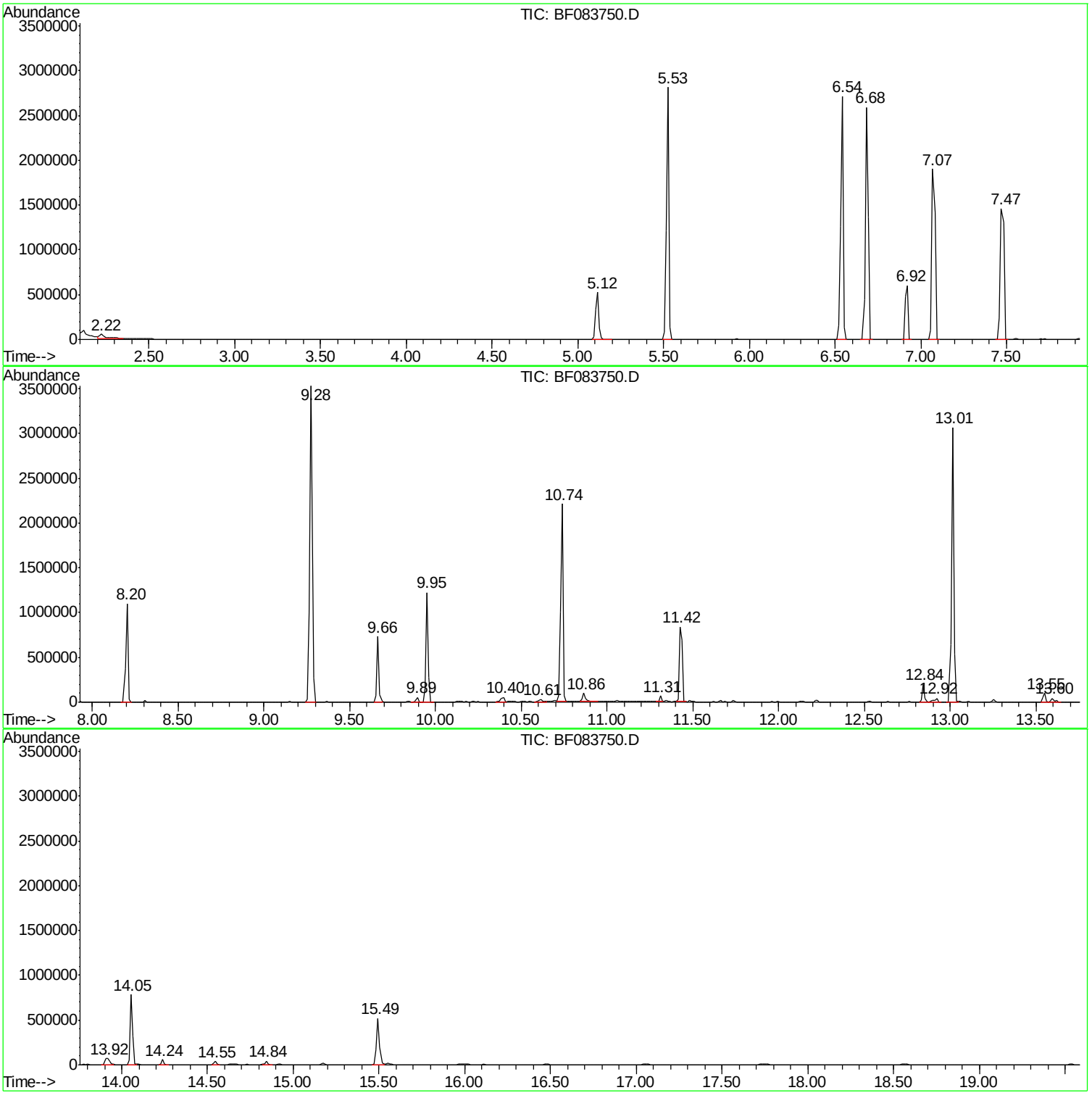
Instrument : BNA_F
ClientSampleId : K208-35-37

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

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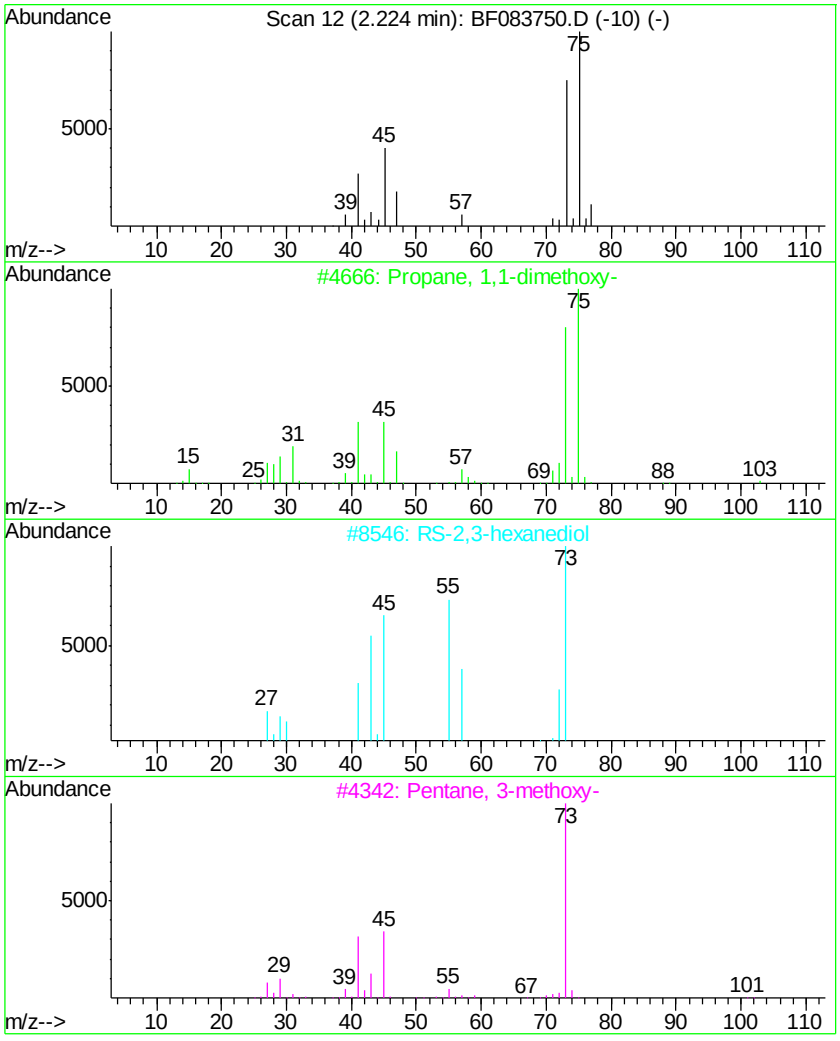
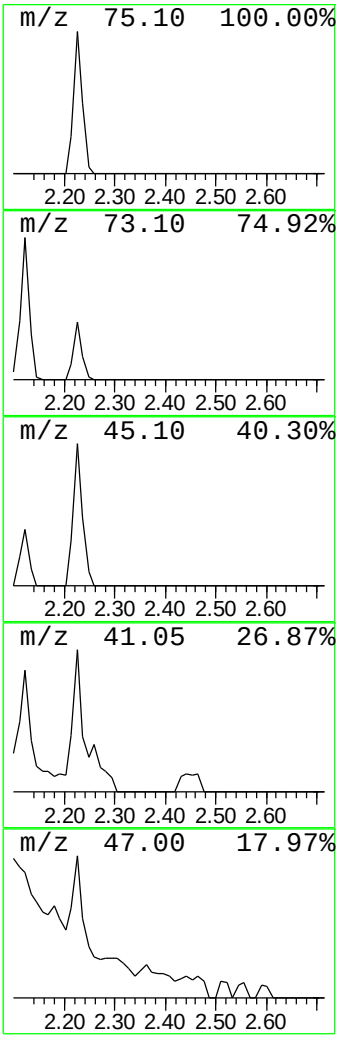
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.95 ng	109563	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	RS-2,3-hexanediol	118	C6H14O2	082360-67-6	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Glycine	75	C2H5NO2	000056-40-6	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	4





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Data File : BF083750.D
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Operator : UM/IZ
Sample : G4759-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K208-35-37

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

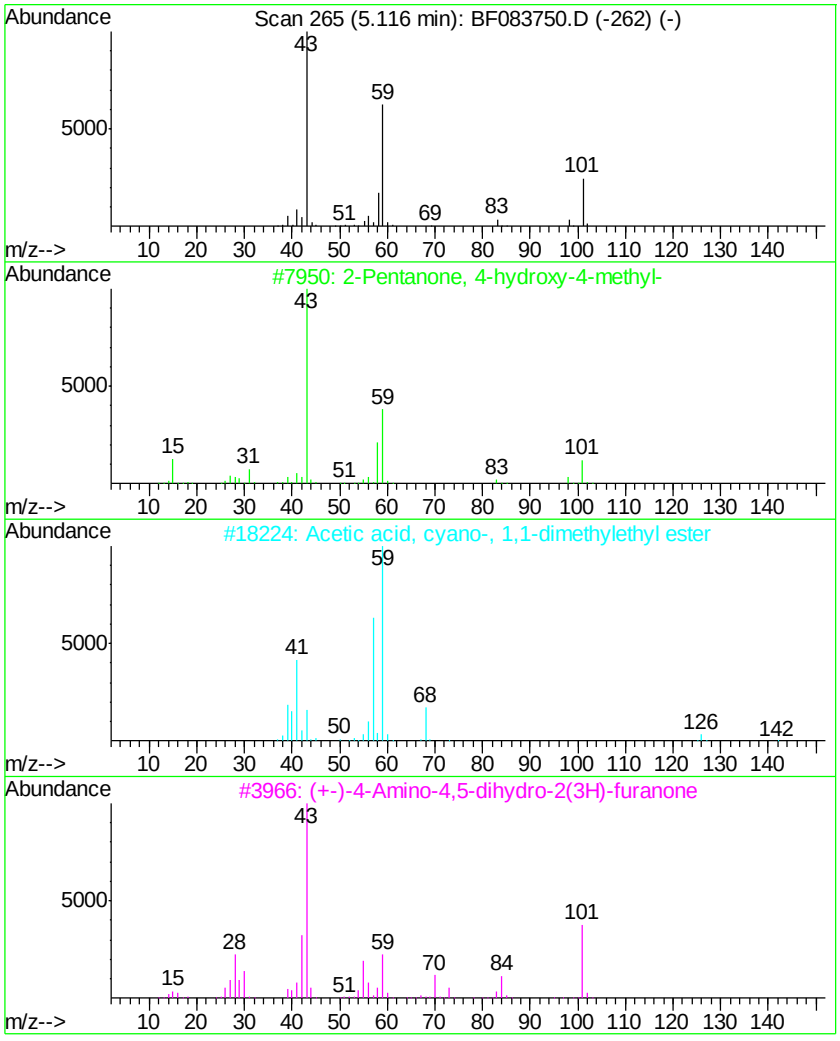
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

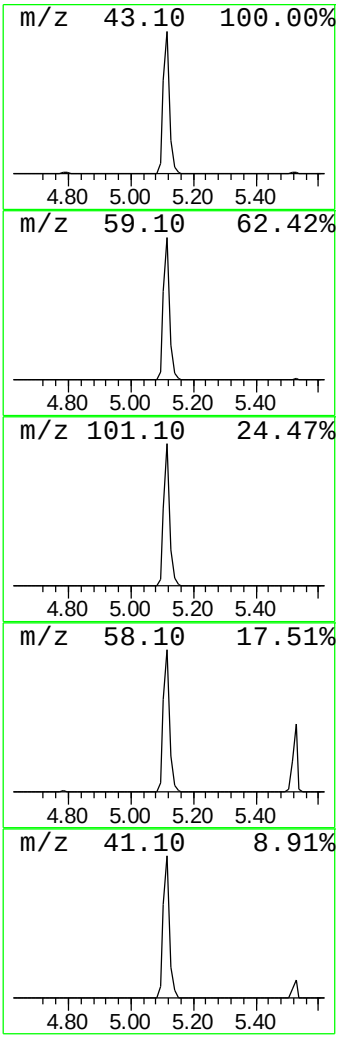
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	19.28 ng	716101	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Operator : UM/IZ
Sample : G4759-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K208-35-37

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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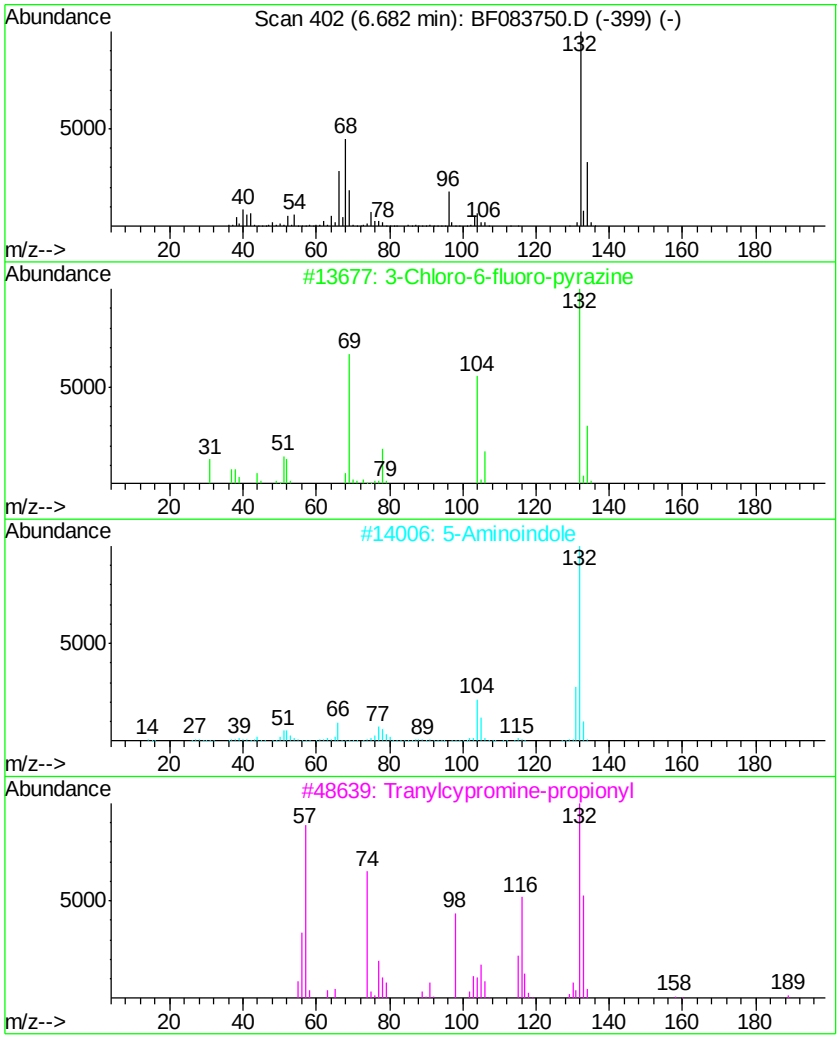
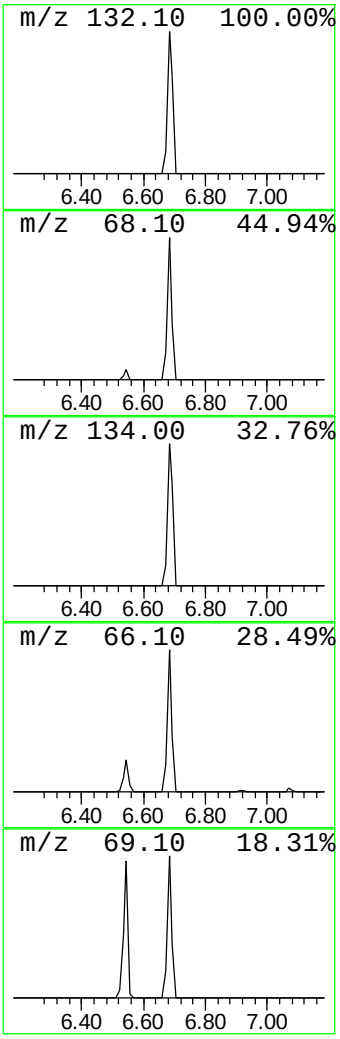
Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	81.37 ng	3022970	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Operator : UM/IZ
Sample : G4759-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K208-35-37

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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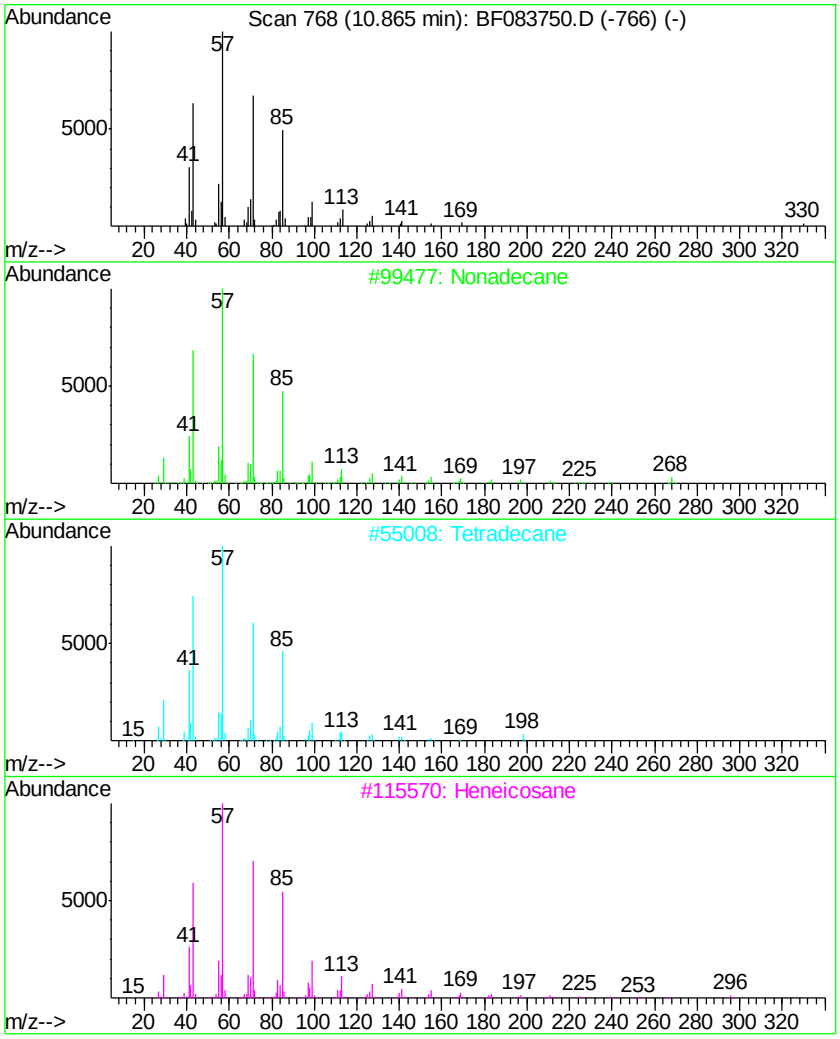
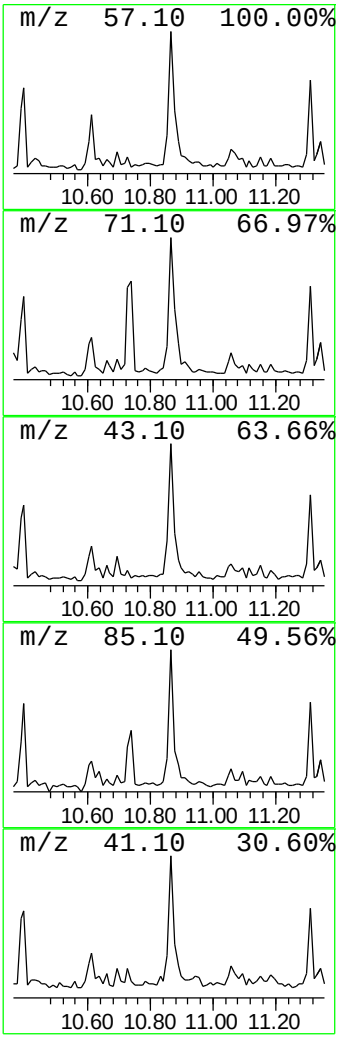
Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.22 ng	117457	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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Sample : G4759-11
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Instrument : BNA_F
ClientSampleId : K208-35-37

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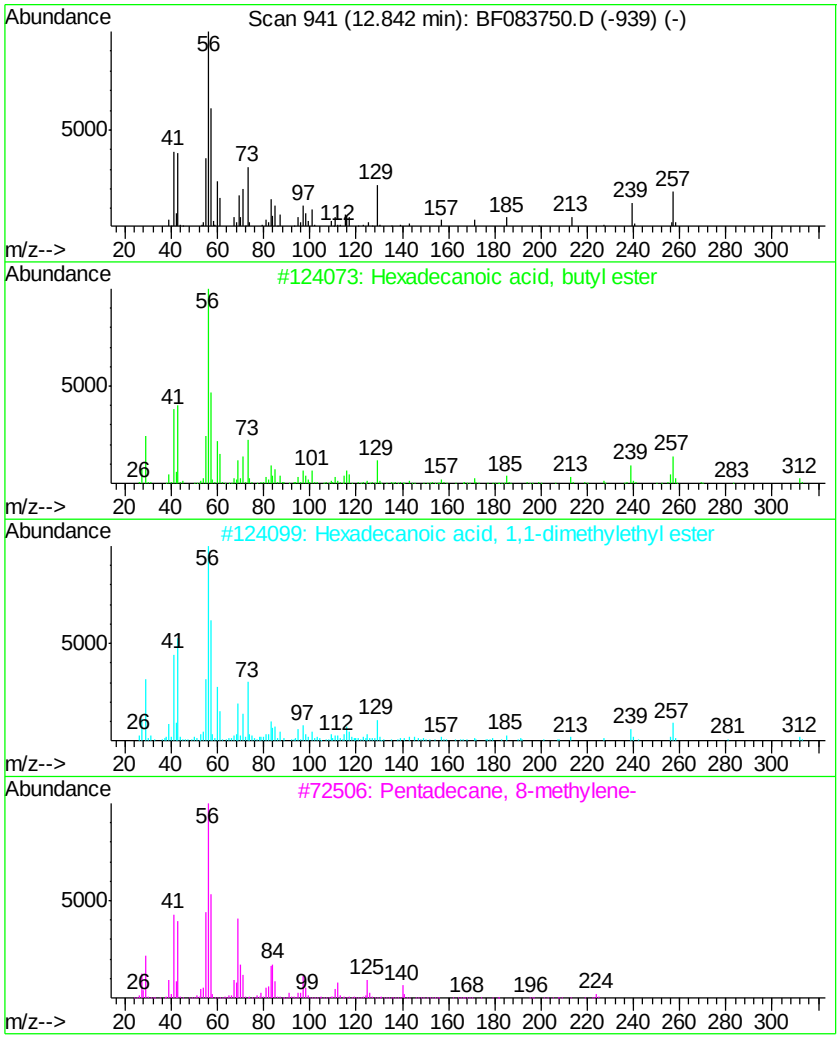
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

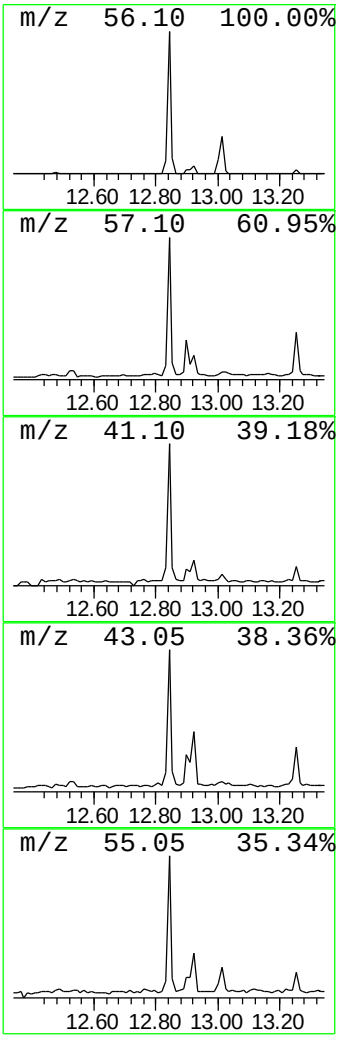
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.32 ng	170599	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
4	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	32
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30





Library Search Compound Report

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ClientSampleId : K208-35-37

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

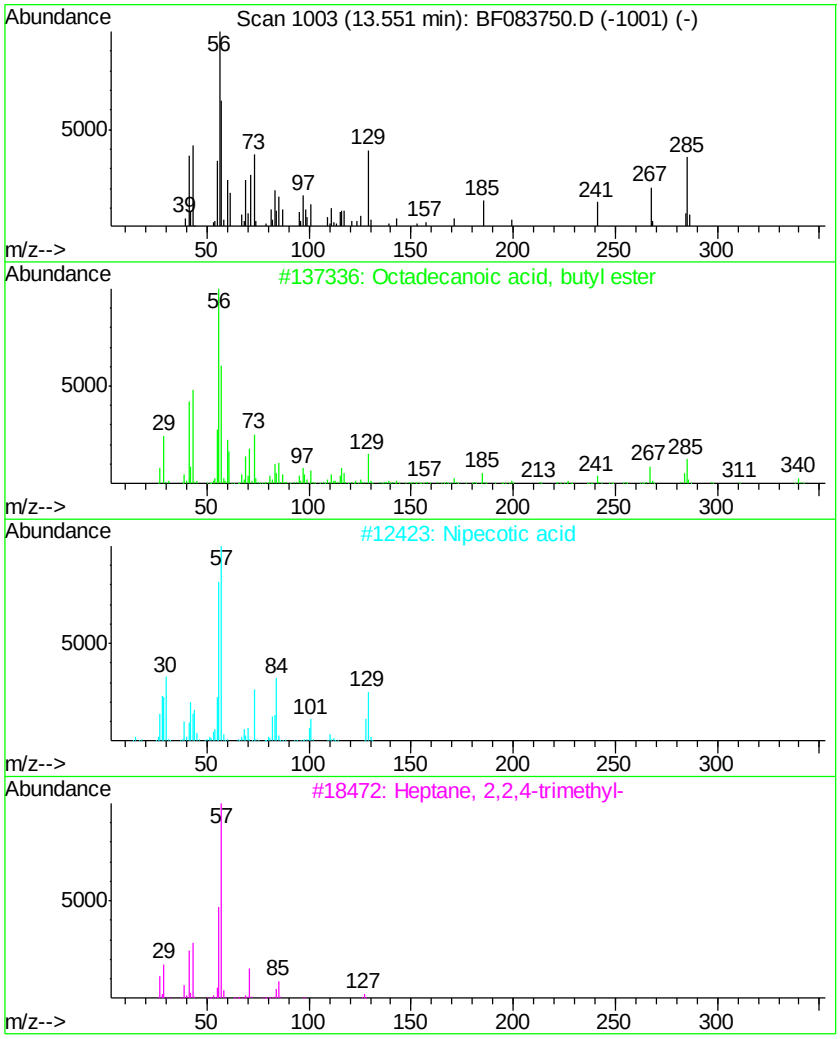
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

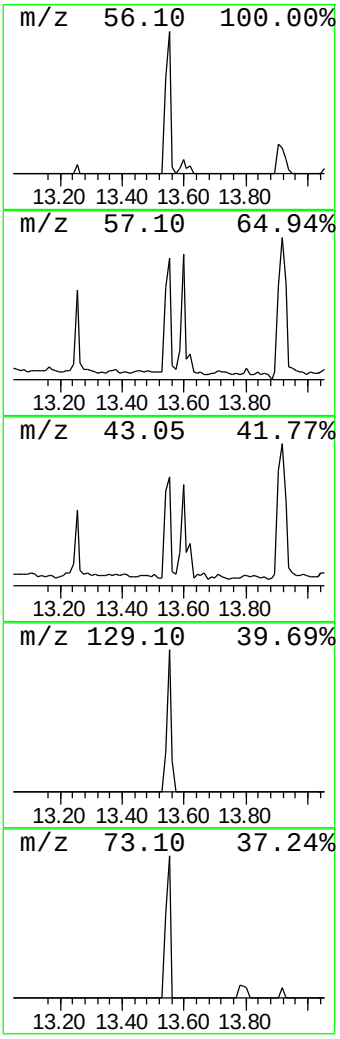
****

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.76 ng	108831	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
2	Nipecotic acid	129	C6H11NO2	000498-95-3	47
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	22
4	2-Methyl-1-octadecene	266	C19H38	061868-20-0	22
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	22





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ClientSampleId : K208-35-37

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

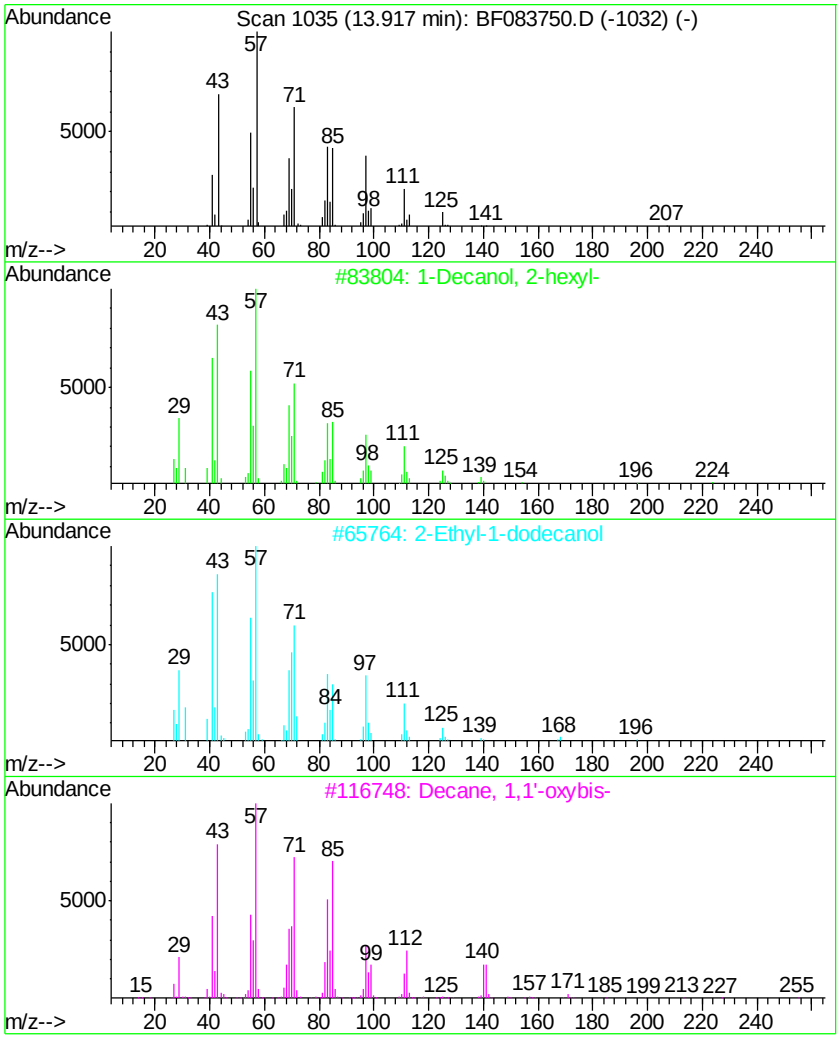
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

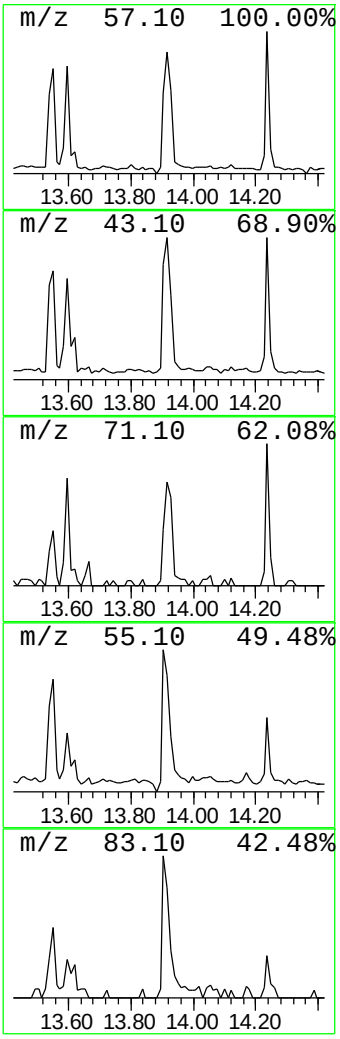
****

Peak Number 8 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.36 ng	132723	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	86
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	58
5	1-Heptadecene	238	C17H34	006765-39-5	52





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
Propane, 1,1-dime...	2.22	3.0	ng	109563	1	6.92	742983	20.0
2-Pentanone, 4-hy...	5.12	19.3	ng	716101	1	6.92	742983	20.0
unknown6.68	6.68	81.4	ng	3022970	1	6.92	742983	20.0
Nonadecane	10.86	2.2	ng	117457	4	11.43	1059960	20.0
Hexadecanoic acid...	12.84	4.3	ng	170599	5	14.05	789880	20.0
Octadecanoic acid...	13.55	2.8	ng	108831	5	14.05	789880	20.0
1-Decanol, 2-hexyl-	13.92	3.4	ng	132723	5	14.05	789880	20.0