LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081471.D
Acq On : 5 Sep 2015 18:23
Operator : UM/IZ
Sample : G3559-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP2240BR-23-25

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-BF090115.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	4.399	243	246	265	rVB	503706	985037	52.46%	5.830%
2	4.902	288	290	293	rBV	1374487	1645808	87.65%	9.740%
3	6.033	386	389	391	rBV	1223715	1839098	97.94%	10.884%
4	6.125	395	397	399	rBV	1936329	1767540	94.13%	10.461%
5	6.353	415	417	420	rVB	416520	357455	19.04%	2.116%
6	6.513	429	431	433	rBV	1479630	1316515	70.11%	7.792%
7	6.936	465	468	470	rBV	1254196	1226875	65.34%	7.261%
8	7.645	528	530	532	rBV	552088	454739	24.22%	2.691%
9	8.730	622	625	627	rBV	2064316	1877790	100.00%	11.113%
10	9.131	658	660	663	rBV	454190	404757	21.55%	2.395%
11	9.382	680	682	685	rVB	523035	472658	25.17%	2.797%
12	10.171	748	751	753	rBV	1215329	1223617	65.16%	7.242%
13	10.319	762	764	768	rVB	30407	32995	1.76%	0.195%
14	10.765	801	803	804	rBV	25345	22216	1.18%	0.131%
15	10.845	808	810	813	rBV	483344	474362	25.26%	2.807%
16	11.428	859	861	864	rBV	127211	133904	7.13%	0.792%
17	11.965	905	908	913	rVB2	11334	25324	1.35%	0.150%
18	12.205	926	929	934	rBV	14281	24026	1.28%	0.142%
19	12.297	934	937	939	rVV	55066	65747	3.50%	0.389%
20	12.434	946	949	952	rBV	1555219	1514249	80.64%	8.962%
21	12.994	995	998	1000	rBV	50063	48048	2.56%	0.284%
22	13.360	1028	1030	1036	rBV	115658	245448	13.07%	1.453%
23	13.451	1036	1038	1041	rVV	365331	390012	20.77%	2.308%
24	13.977	1082	1084	1093	rBV	16815	27748	1.48%	0.164%
25	14.331	1111	1115	1117	rBV	29630	27715	1.48%	0.164%
26	14.765	1150	1153	1155	rBV	262625	292932	15.60%	1.734%

Sum of corrected areas: 16896615

LSC Report - Integrated Chromatogram

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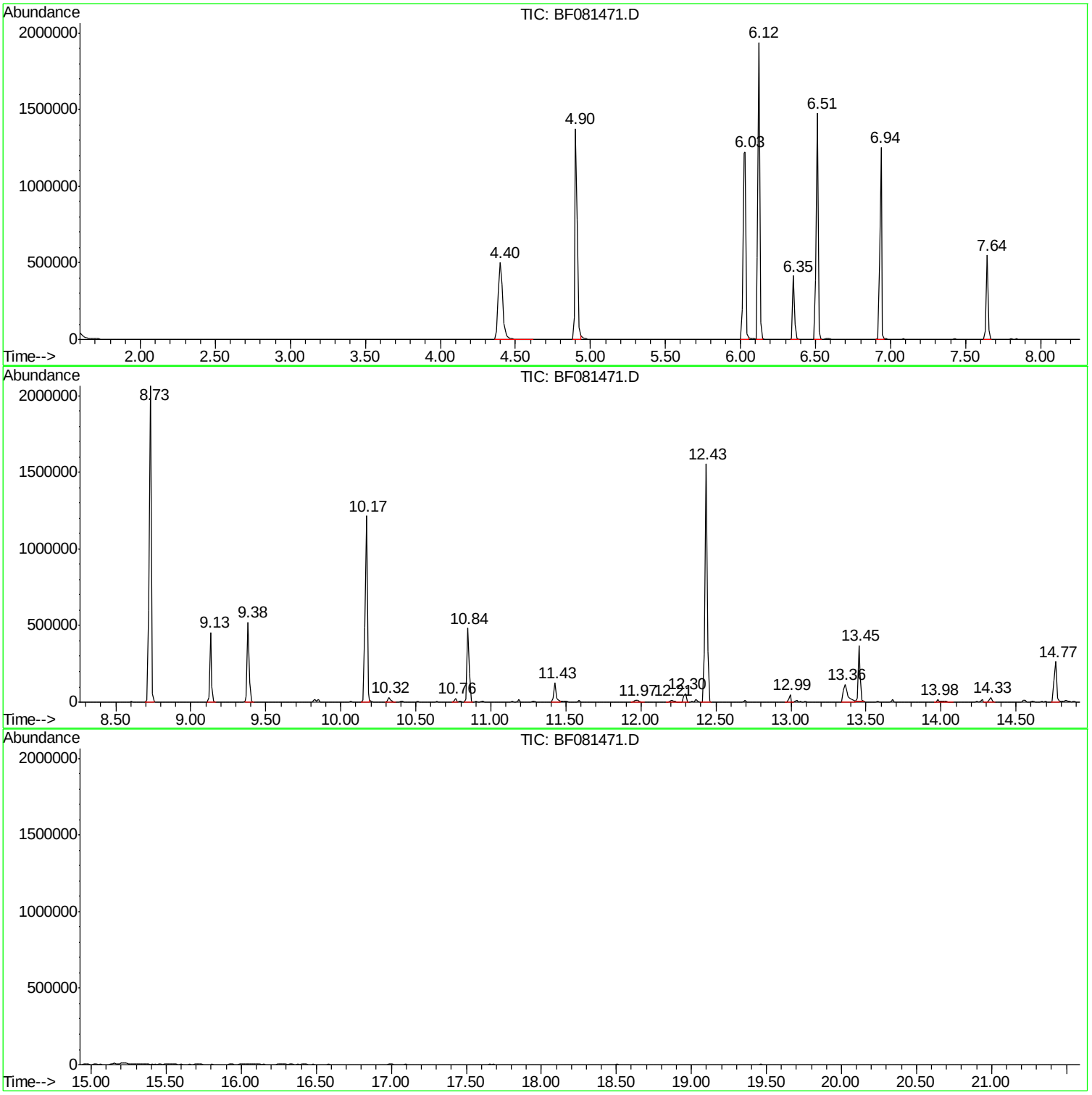
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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Data File : BF081471.D
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Instrument : BNA_F
ClientSampleId : MGP2240BR-23-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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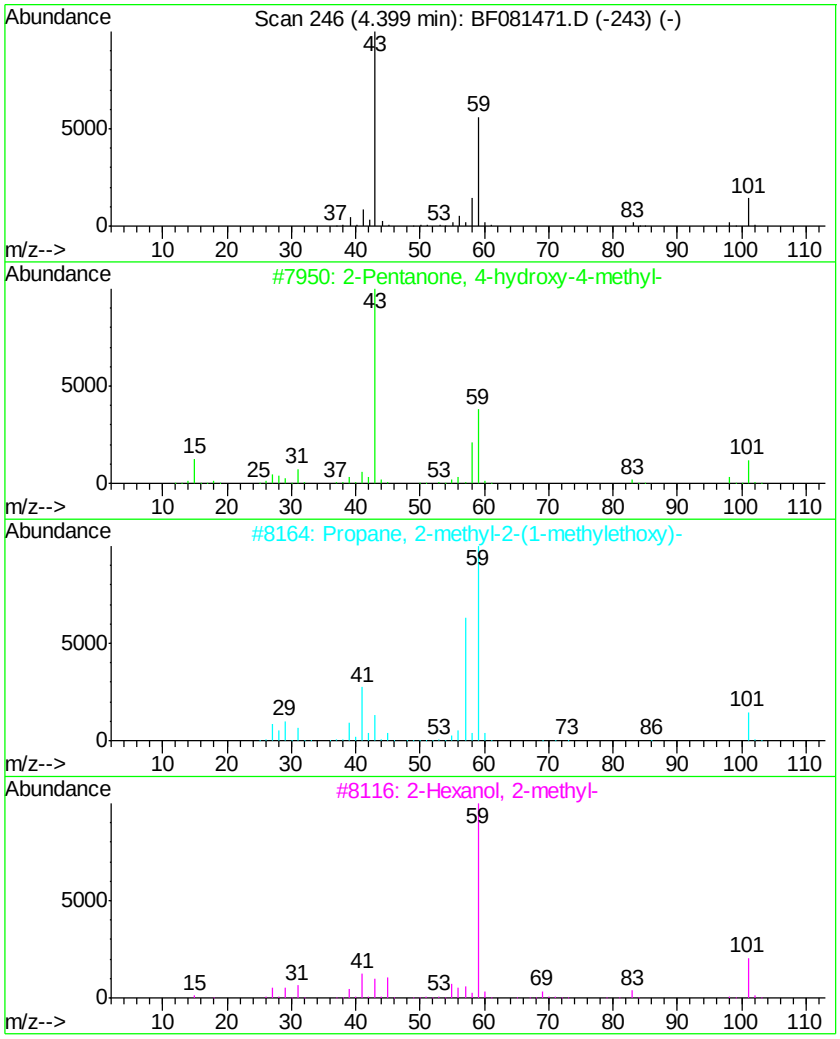
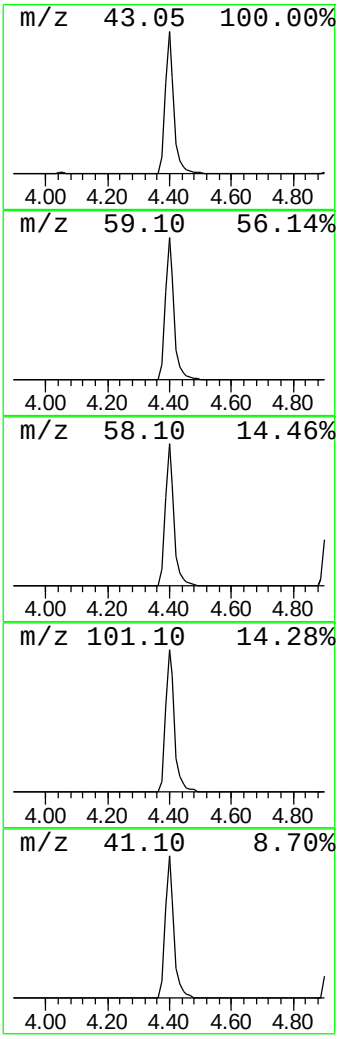
Peak Number 1 unknown4.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	55.11 ng	985037	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Operator : UM/IZ
Sample : G3559-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP2240BR-23-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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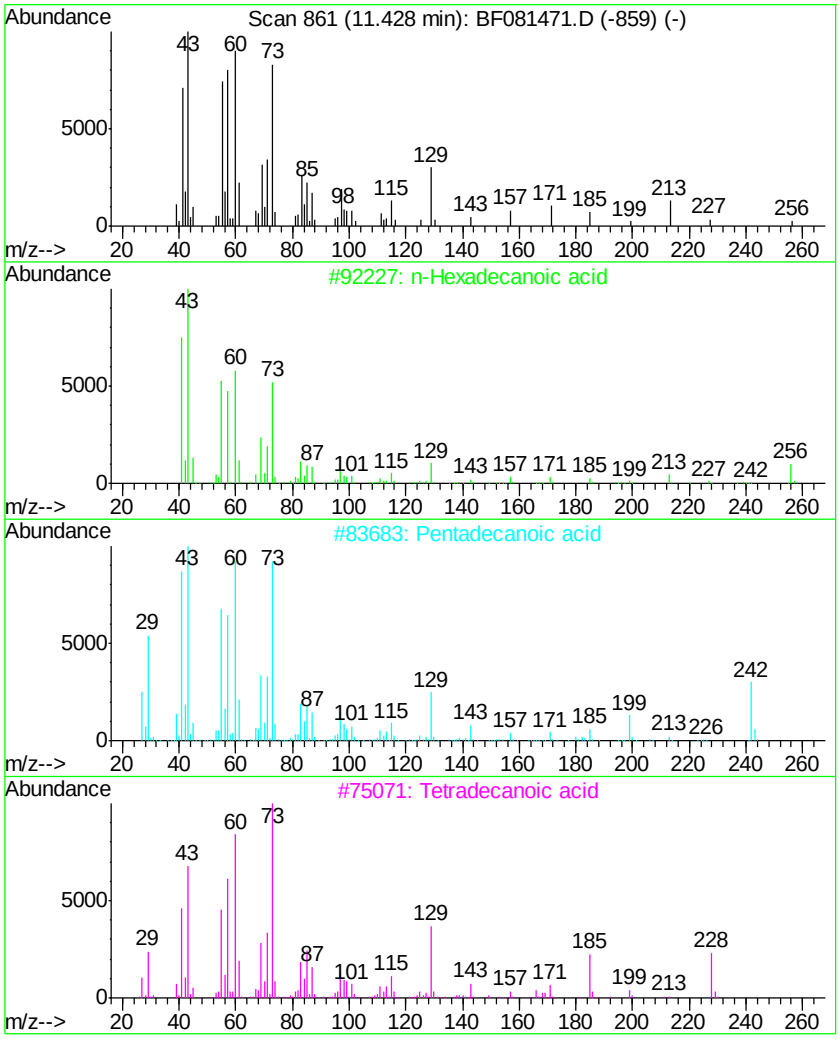
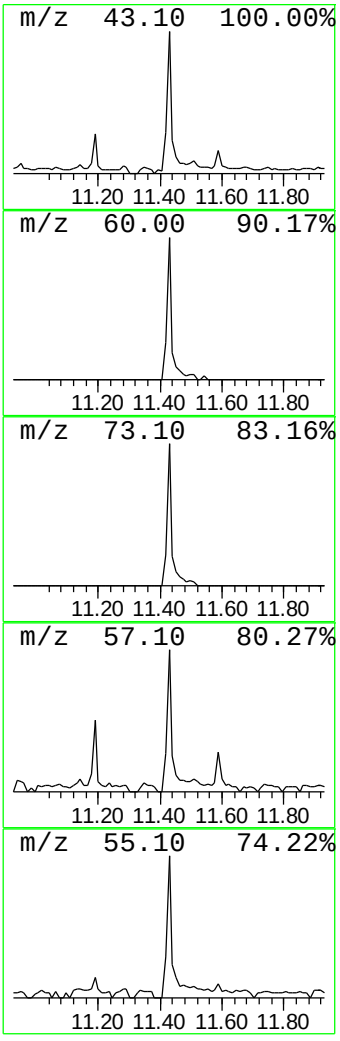
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	5.65 ng	133904	Phenanthrene-d10	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Acq On : 5 Sep 2015 18:23
Operator : UM/IZ
Sample : G3559-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP2240BR-23-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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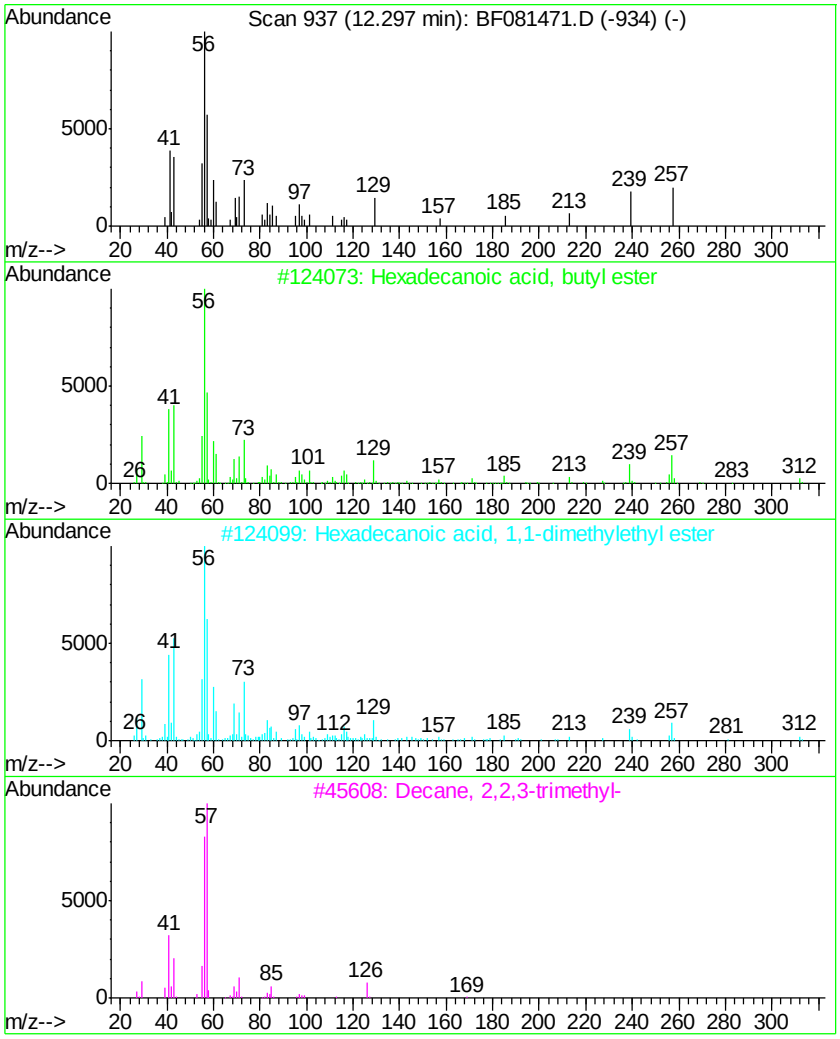
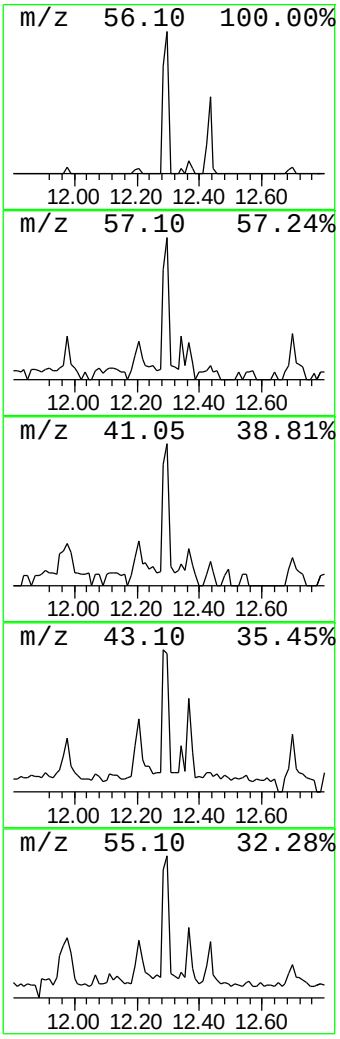
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.37 ng	65747	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	46
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32





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Data File : BF081471.D
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Operator : UM/IZ
Sample : G3559-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP2240BR-23-25

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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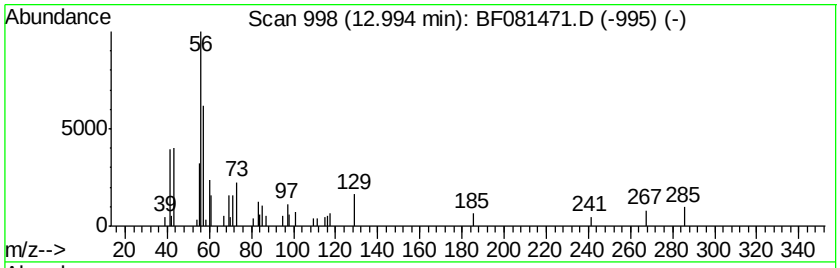
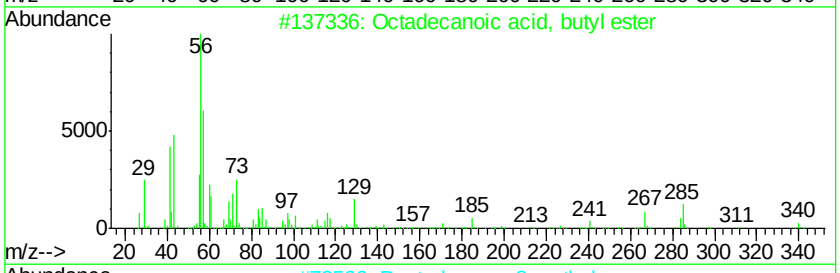
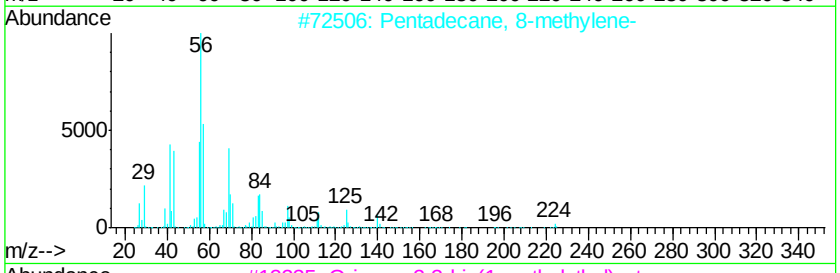
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

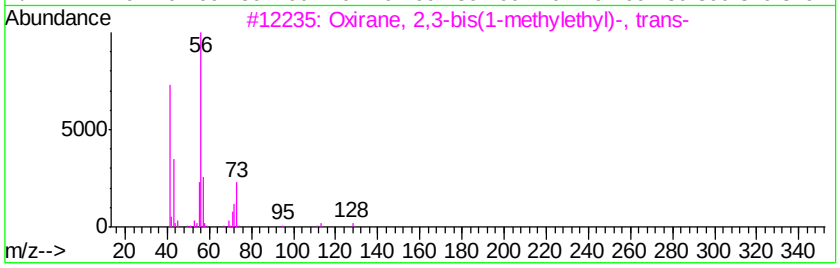
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.46 ng	48048	Chrysene-d12	13.45

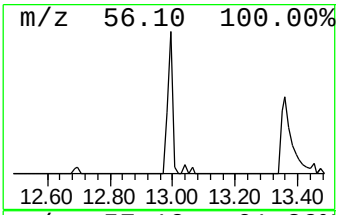
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
2	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35

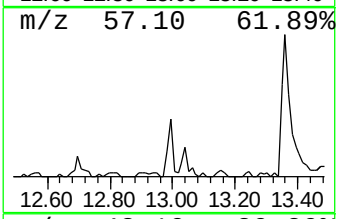


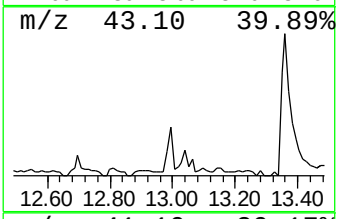


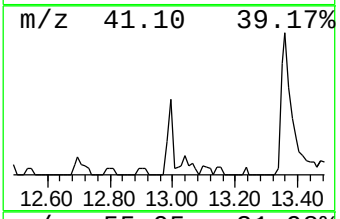


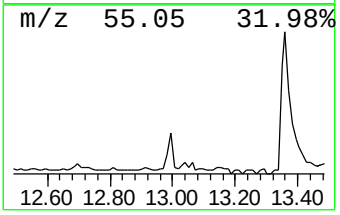












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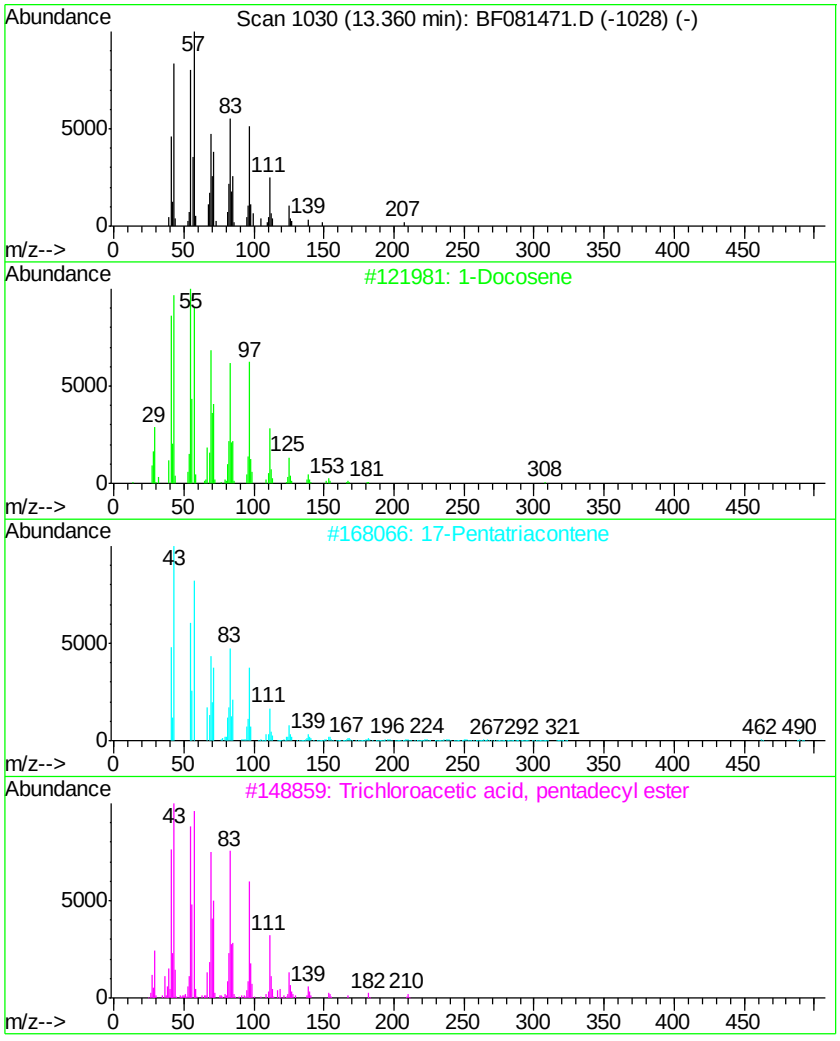
TIC Integration Parameters: LSCINT.P

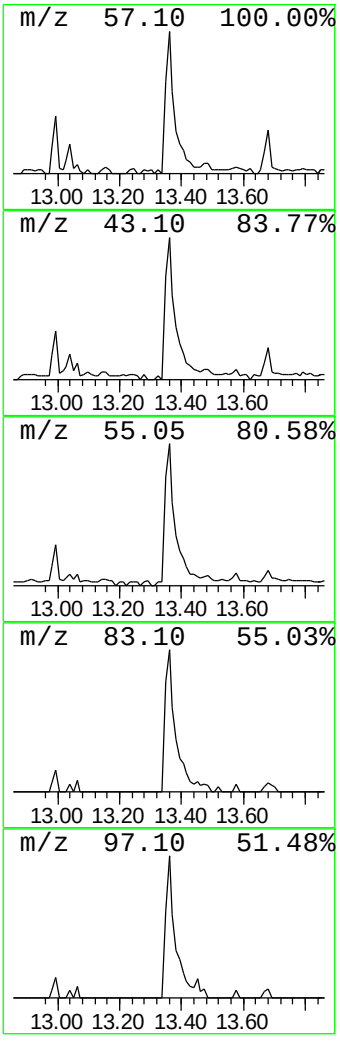
****

Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	12.59 ng	245448	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	80
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
4	1-Hexacosanol	382	C26H54O	000506-52-5	72
5	1-Tetracosanol	354	C24H50O	000506-51-4	68





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.40	4.40	55.1	ng	985037	1	6.35	357455	20.0
n-Hexadecanoic acid	11.43	5.7	ng	133904	4	10.85	474362	20.0
Hexadecanoic acid...	12.30	3.4	ng	65747	5	13.45	390012	20.0
Octadecanoic acid...	12.99	2.5	ng	48048	5	13.45	390012	20.0
1-Docosene	13.36	12.6	ng	245448	5	13.45	390012	20.0