LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081469.D
Acq On : 5 Sep 2015 17:21
Operator : UM/IZ
Sample : G3559-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

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	257	rVB	507585	1104771	50.57%	6.378%
2	4.913	288	291	293	rBV	1285985	1893041	86.66%	10.929%
3	6.033	385	389	391	rBV	1805592	2184543	100.00%	12.612%
4	6.124	395	397	399	rBV	1984901	1802558	82.51%	10.407%
5	6.353	415	417	420	rVB	407228	365293	16.72%	2.109%
6	6.513	429	431	433	rBV	1545675	1351768	61.88%	7.804%
7	6.936	465	468	470	rBV	1213996	1203510	55.09%	6.948%
8	7.645	528	530	532	rBV	550322	457417	20.94%	2.641%
9	8.730	622	625	627	rBV	2078806	1895817	86.78%	10.945%
10	9.130	658	660	663	rBV	444414	394284	18.05%	2.276%
11	9.382	680	682	685	rVB	477232	457827	20.96%	2.643%
12	10.171	748	751	753	rBV	1307948	1262689	57.80%	7.290%
13	10.319	762	764	770	rVB	23406	26346	1.21%	0.152%
14	10.845	808	810	813	rBV	427920	453830	20.77%	2.620%
15	11.428	858	861	867	rBV	93965	108092	4.95%	0.624%
16	12.285	934	936	939	rVB	47992	64139	2.94%	0.370%
17	12.365	942	943	946	rVB	28272	25863	1.18%	0.149%
18	12.434	946	949	951	rBV	1573073	1465800	67.10%	8.463%
19	12.994	996	998	1000	rBV	51959	53391	2.44%	0.308%
20	13.359	1028	1030	1036	rBV	47629	88191	4.04%	0.509%
21	13.451	1036	1038	1041	rBV	357475	351935	16.11%	2.032%
22	13.679	1055	1058	1060	rBV	24469	27765	1.27%	0.160%
23	13.977	1082	1084	1086	rVB	26776	25101	1.15%	0.145%
24	14.765	1150	1153	1155	rBV	211830	256613	11.75%	1.482%

Sum of corrected areas: 17320584

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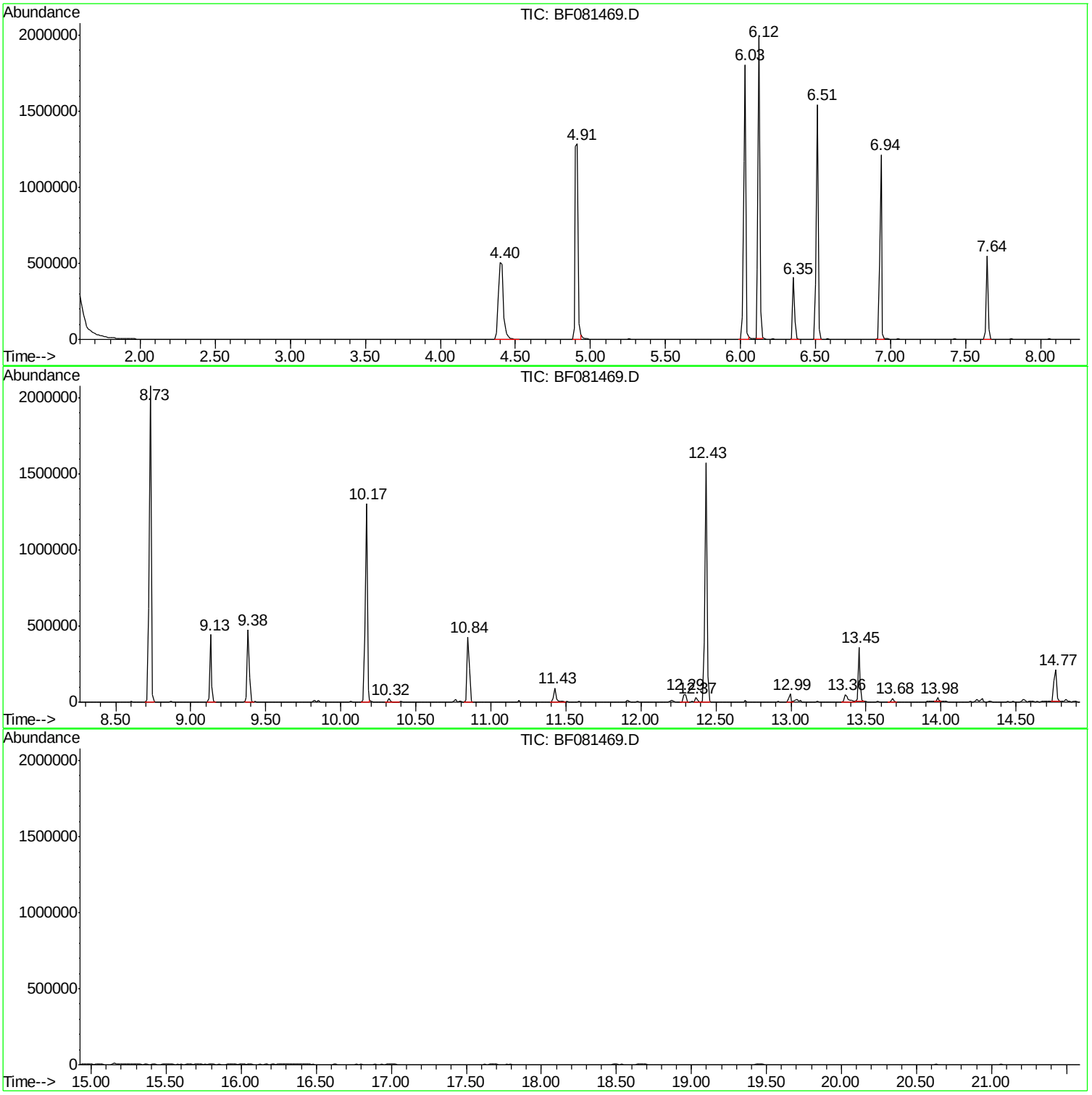
Instrument :
BNA_F
ClientSampleId :
MGP226BR-60-61

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
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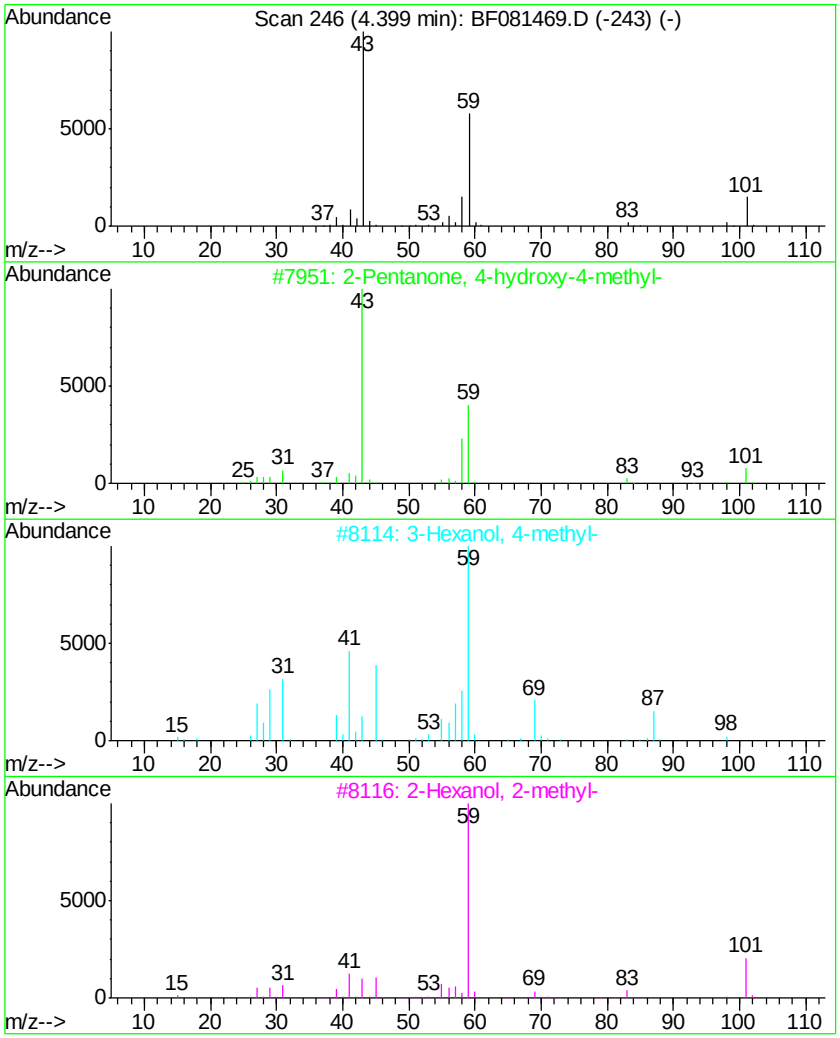
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

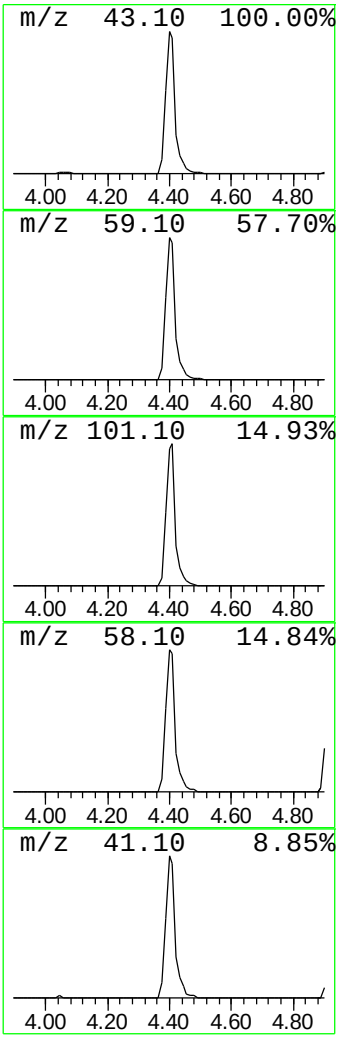
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	60.49 ng	1104770	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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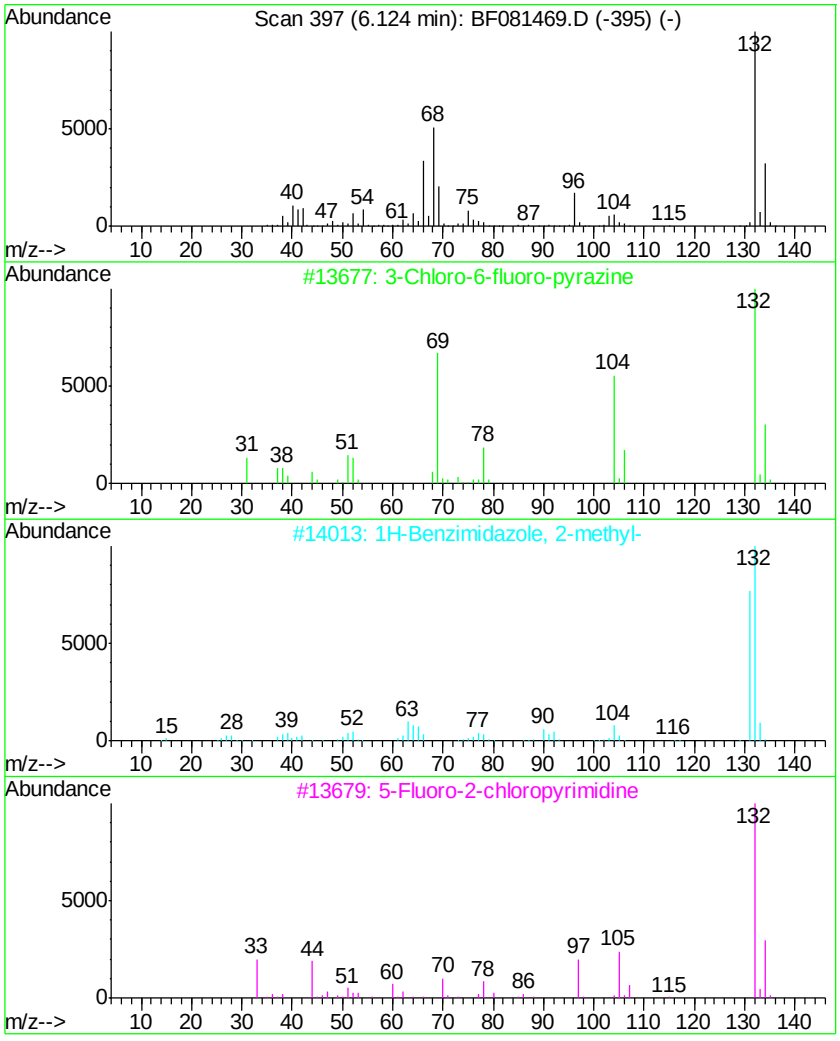
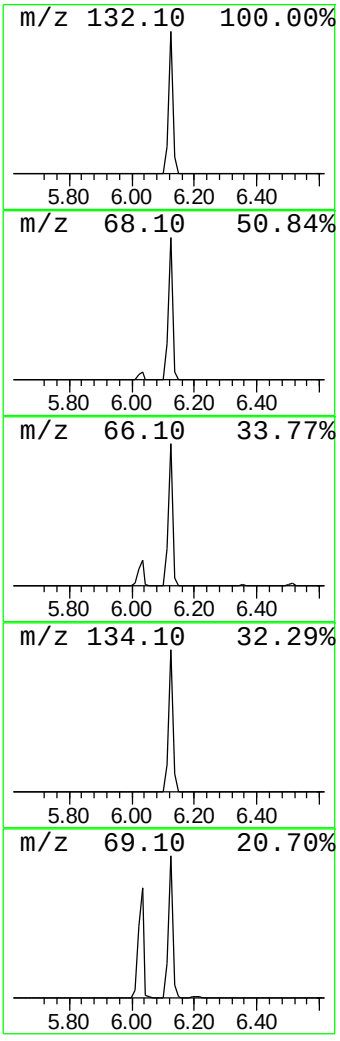
Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	98.69 ng	1802560	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Sample : G3559-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

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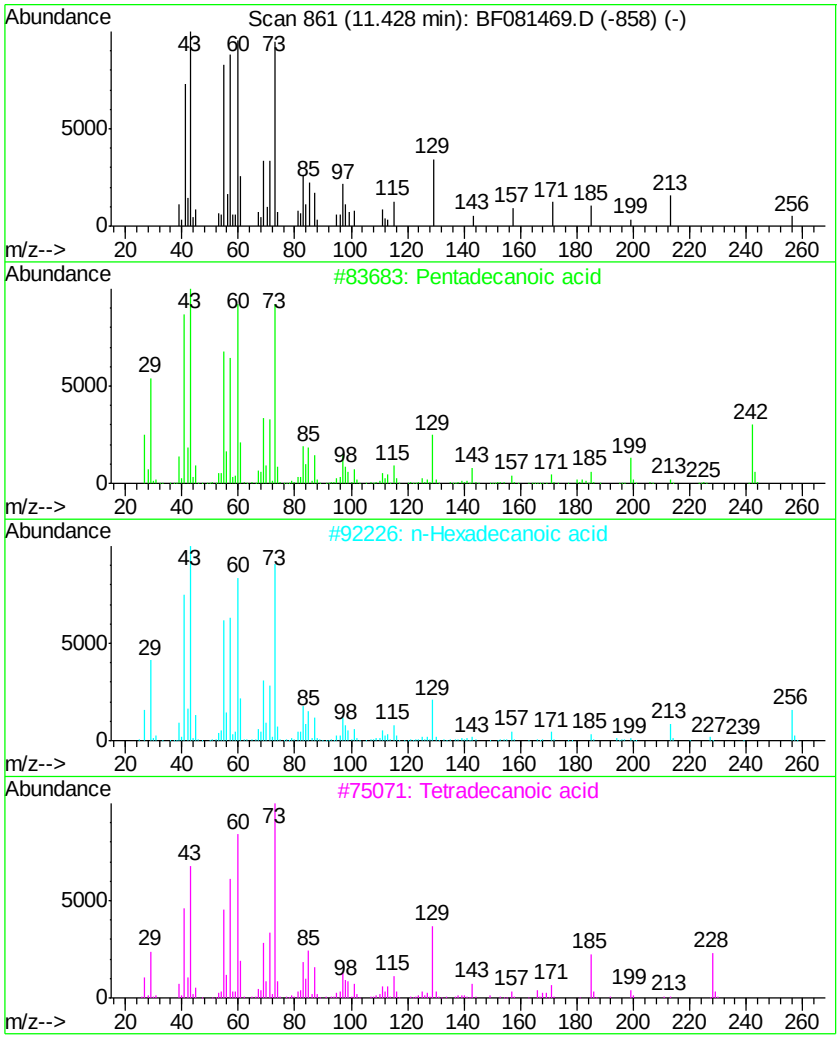
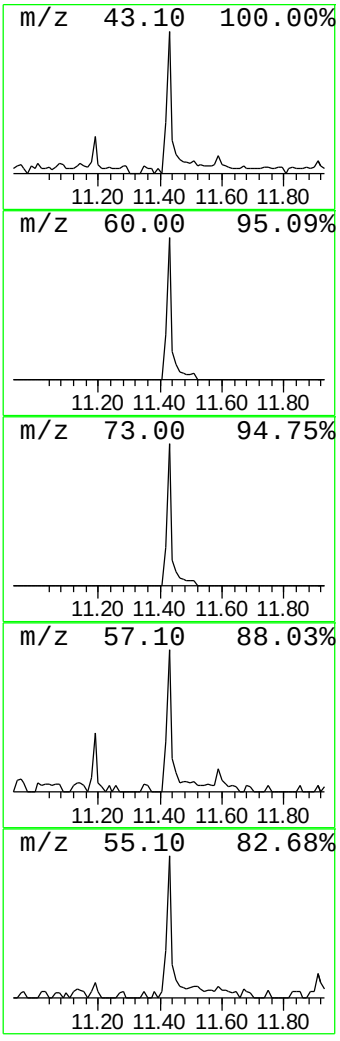
Peak Number 4 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	4.76 ng	108092	Phenanthrene-d10	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	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	59





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Sample : G3559-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

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
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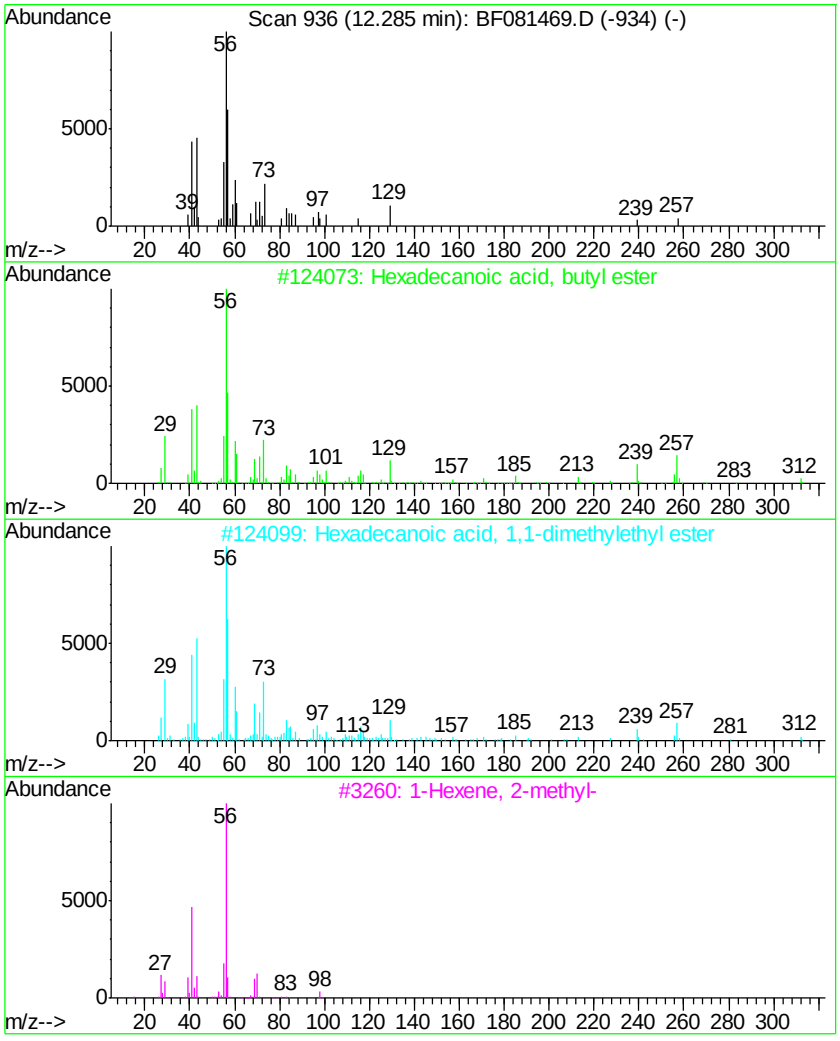
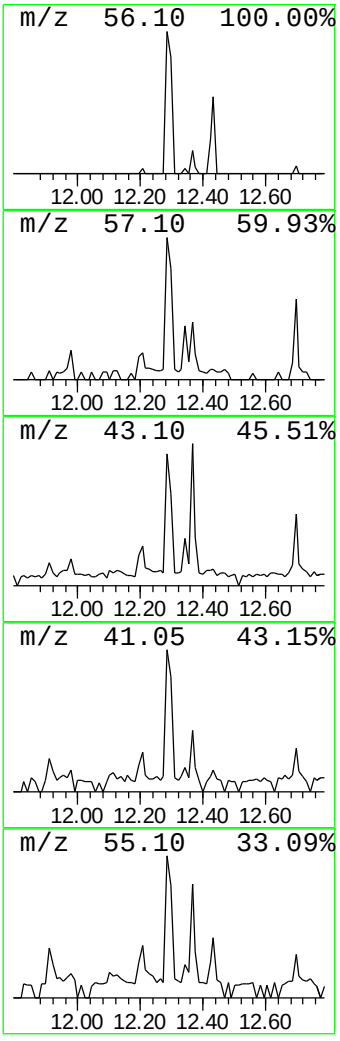
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.64 ng	64139	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	80
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	33





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Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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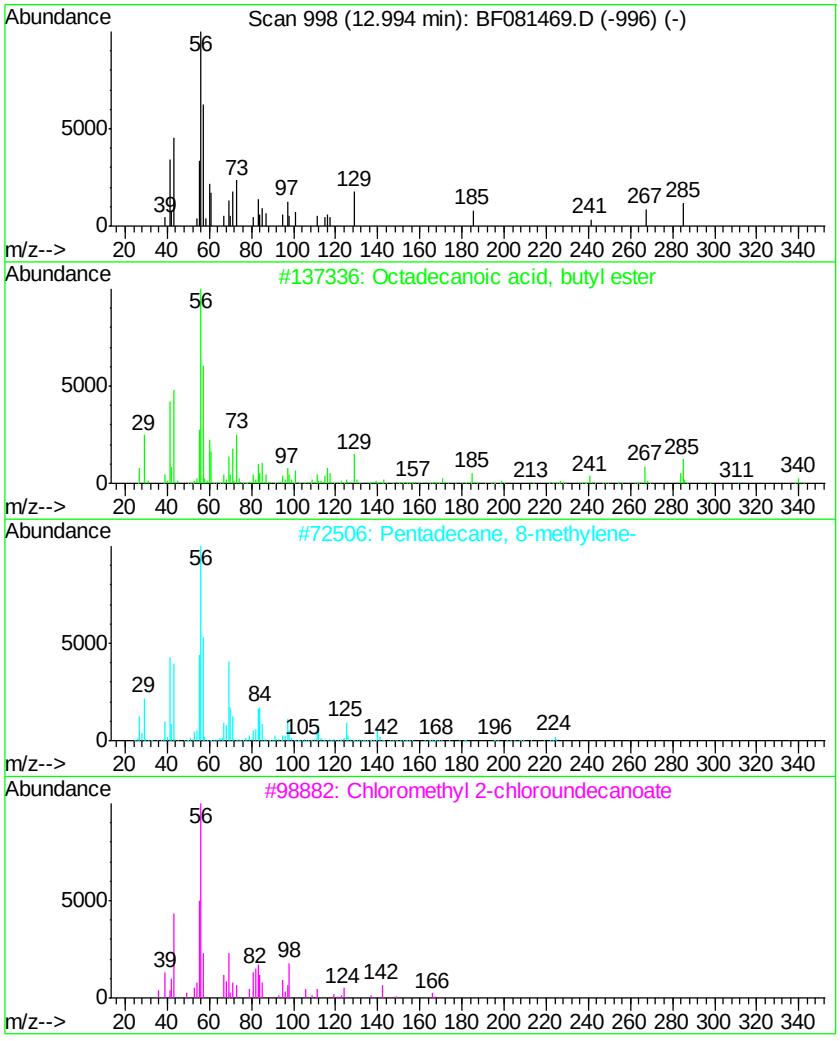
TIC Integration Parameters: LSCINT.P

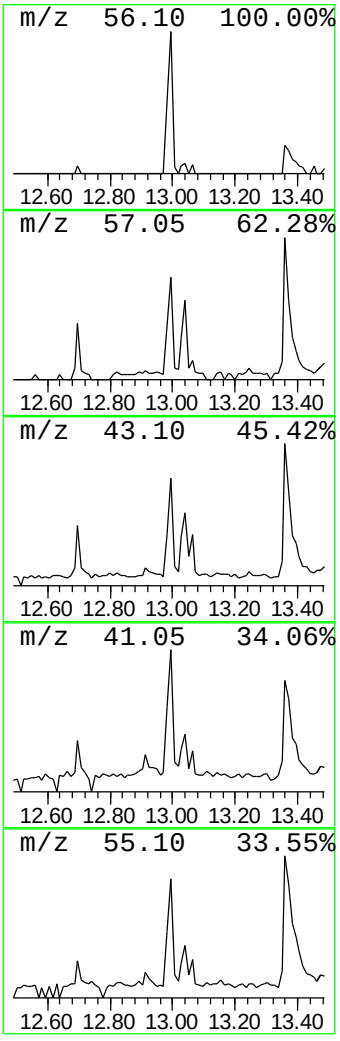
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.03 ng	53391	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
3	Chloromethyl 2-chloroundecanoate	268	C12H22Cl2O2	080418-88-8	37
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35





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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP226BR-60-61

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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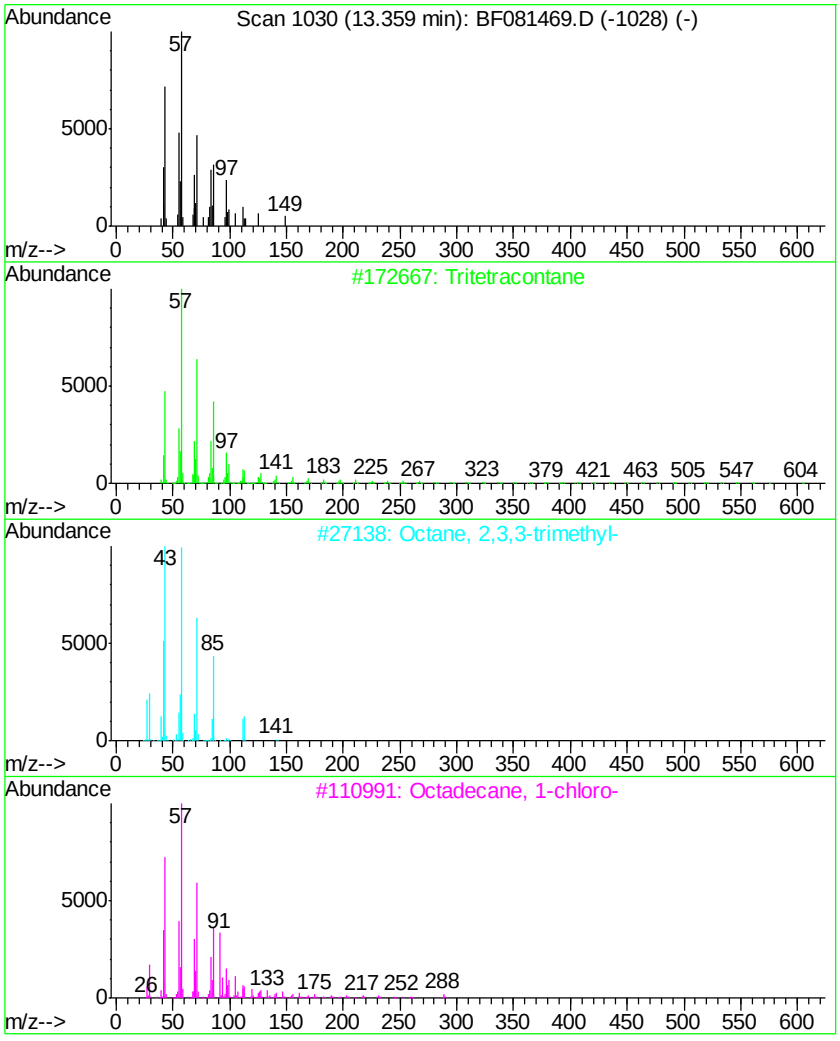
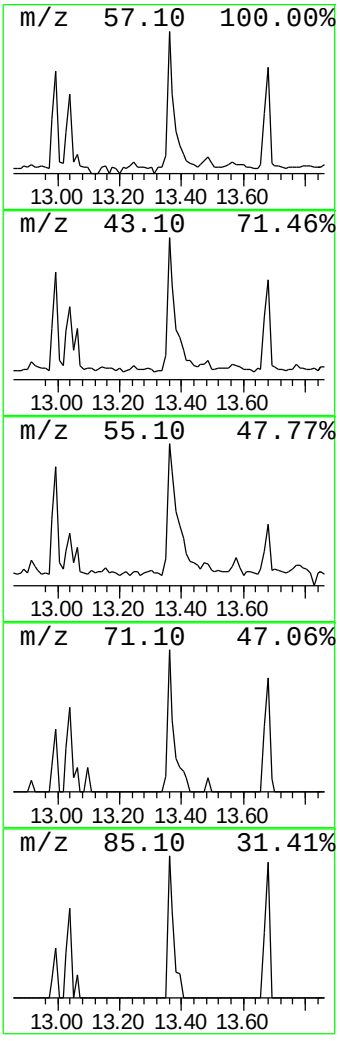
Peak Number 7 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.01 ng	88191	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	53
2	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
4	Hexadecane	226	C16H34	000544-76-3	49
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	46





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
2-Pentanone, 4-hy...	4.40	60.5	ng	1104770	1	6.35	365293	20.0
unknown6.12	6.12	98.7	ng	1802560	1	6.35	365293	20.0
Pentadecanoic acid	11.43	4.8	ng	108092	4	10.84	453830	20.0
Hexadecanoic acid...	12.29	3.6	ng	64139	5	13.45	351935	20.0
Octadecanoic acid...	12.99	3.0	ng	53391	5	13.45	351935	20.0
Tritetracontane	13.36	5.0	ng	88191	5	13.45	351935	20.0