LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

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-BF073015.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	2.144	3	5	8	rBV2	32891	54435	1.47%	0.159%
2	4.396	199	202	205	rBV	115607	136663	3.69%	0.398%
3	5.047	256	259	262	rBV	2436633	2965742	80.00%	8.647%
4	5.458	292	295	297	rBV	3534631	3383275	91.26%	9.864%
5	5.859	328	330	333	rVB	112484	119558	3.22%	0.349%
6	6.487	382	385	387	rBV	2988441	3707373	100.00%	10.809%
7	6.624	394	397	399	rBV	2951495	3393983	91.55%	9.896%
8	6.853	415	417	419	rBV	1139287	940024	25.36%	2.741%
9	7.013	428	431	433	rBV	2112490	2322480	62.64%	6.772%
10	7.413	463	466	468	rBV	2416521	2164111	58.37%	6.310%
11	8.133	527	529	531	rBV	1257623	1084286	29.25%	3.161%
12	9.207	621	623	626	rBV	2786505	3019393	81.44%	8.804%
13	9.607	655	658	660	rBV	753681	673989	18.18%	1.965%
14	9.882	680	682	685	rBV	813593	1014086	27.35%	2.957%
15	10.179	706	708	715	rVB	64019	99041	2.67%	0.289%
16	10.328	717	721	722	rBV	44394	61973	1.67%	0.181%
17	10.670	748	751	753	rBV	1752639	1619846	43.69%	4.723%
18	10.796	760	762	766	rVB	74869	90693	2.45%	0.264%
19	11.242	799	801	803	rBV	74263	65101	1.76%	0.190%
20	11.368	810	812	814	rBV	987548	866528	23.37%	2.527%
21	11.665	836	838	841	rBV	44858	43936	1.19%	0.128%
22	11.768	841	847	850	rBV5	11078	38850	1.05%	0.113%
23	11.893	856	858	861	rBV2	207486	259116	6.99%	0.755%
24	12.156	878	881	883	rBV	76039	69589	1.88%	0.203%
25	12.682	923	927	931	rBV2	65673	76567	2.07%	0.223%
26	12.945	948	950	953	rBV	1620871	2137678	57.66%	6.233%
27	13.425	990	992	996	rVB	91462	76193	2.06%	0.222%
28	13.859	1027	1030	1032	rBV3	48138	74752	2.02%	0.218%
29	13.996	1039	1042	1044	rBV	1244419	1292446	34.86%	3.768%
30	14.477	1082	1084	1085	rBV	83118	85763	2.31%	0.250%
31	14.511	1085	1087	1089	rVV	52810	73182	1.97%	0.213%
32	14.614	1092	1096	1100	rVV3	78102	287640	7.76%	0.839%
33	14.682	1100	1102	1103	rVV	116800	138385	3.73%	0.403%
34	14.717	1103	1105	1106	rVV	171827	200912	5.42%	0.586%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

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-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.774	1106	1110	1111	rVV2	100766	240885	6.50%	0.702%
36	14.808	1111	1113	1116	rVV	88345	189795	5.12%	0.553%
37	14.888	1119	1120	1122	rVB	106667	110926	2.99%	0.323%
38	14.934	1122	1124	1127	rBV	84464	141564	3.82%	0.413%
39	14.979	1127	1128	1130	rBV	50510	72428	1.95%	0.211%
40	15.414	1163	1166	1169	rBV	743128	904378	24.39%	2.637%

Sum of corrected areas: 34297565

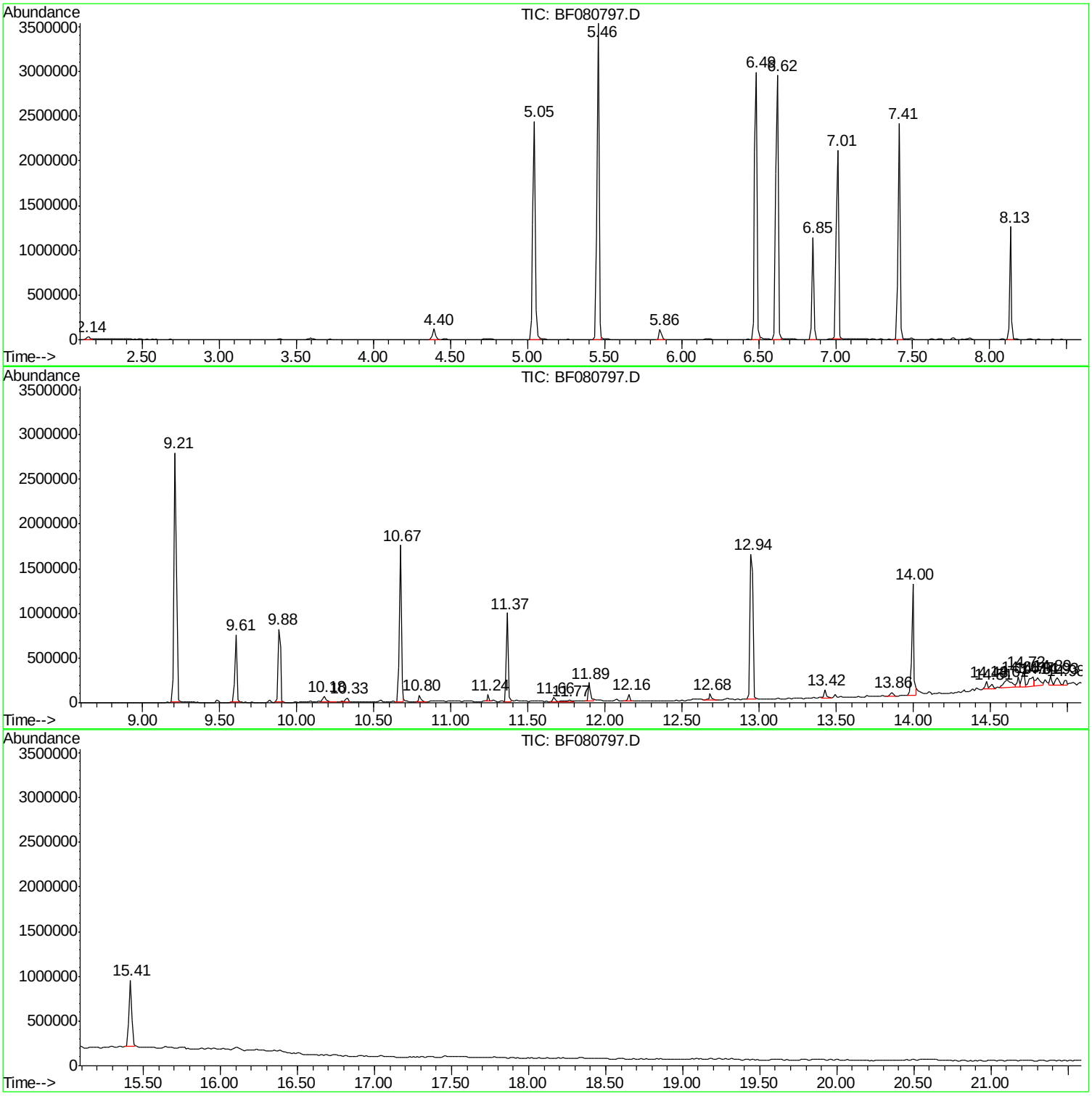
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

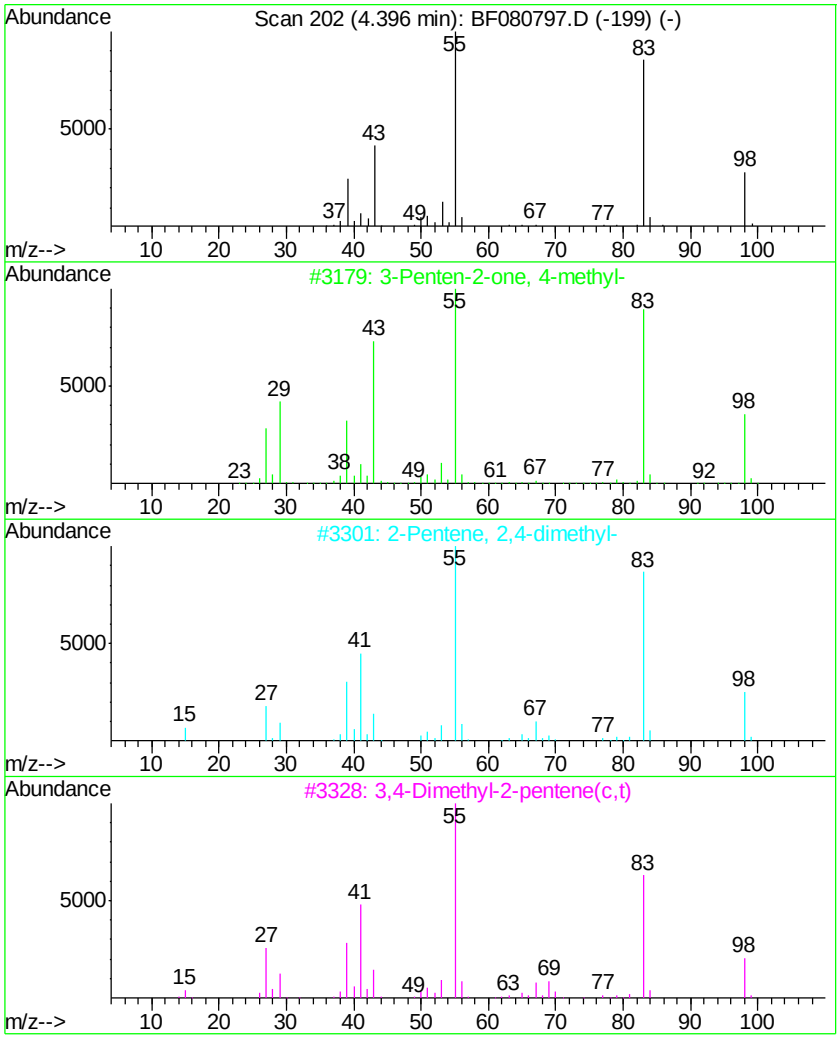
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

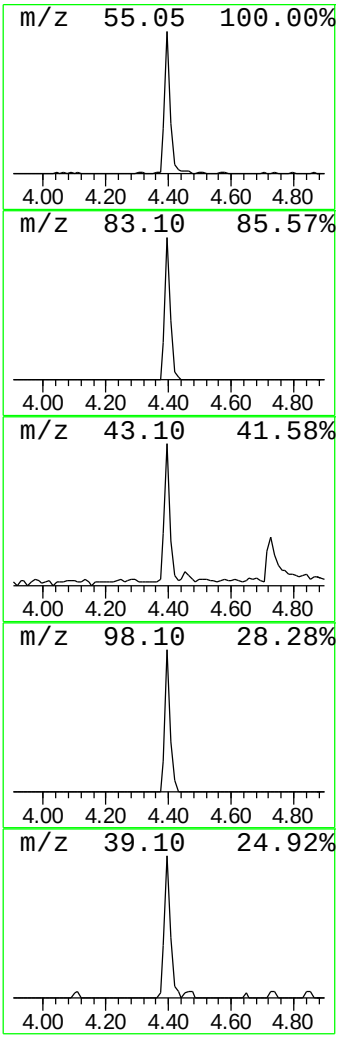
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	2.91 ng	136663	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

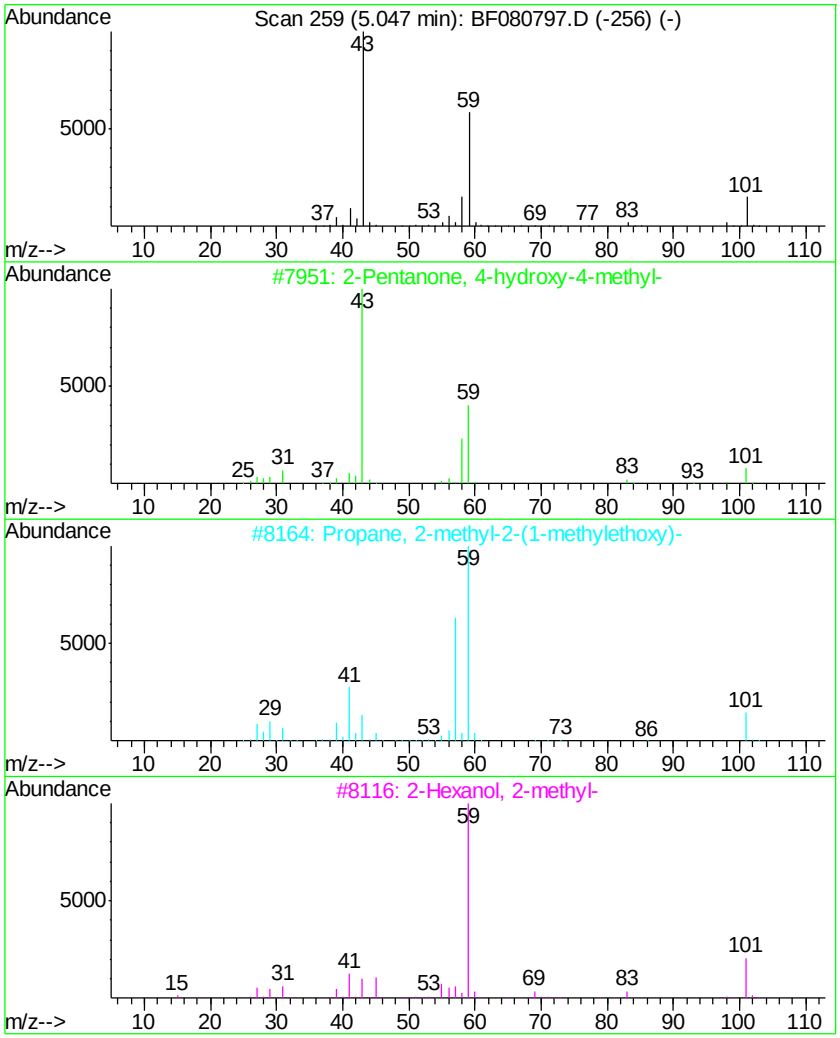
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

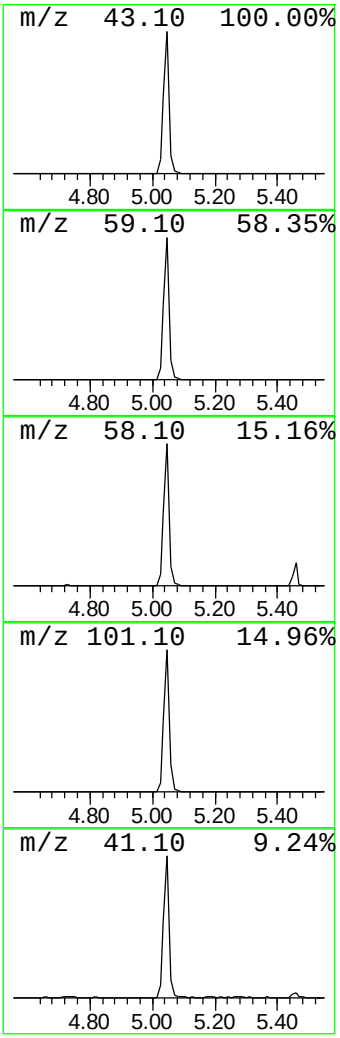
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	63.10 ng	2965740	1,4-Dichlorobenzene-d4	6.85

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	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

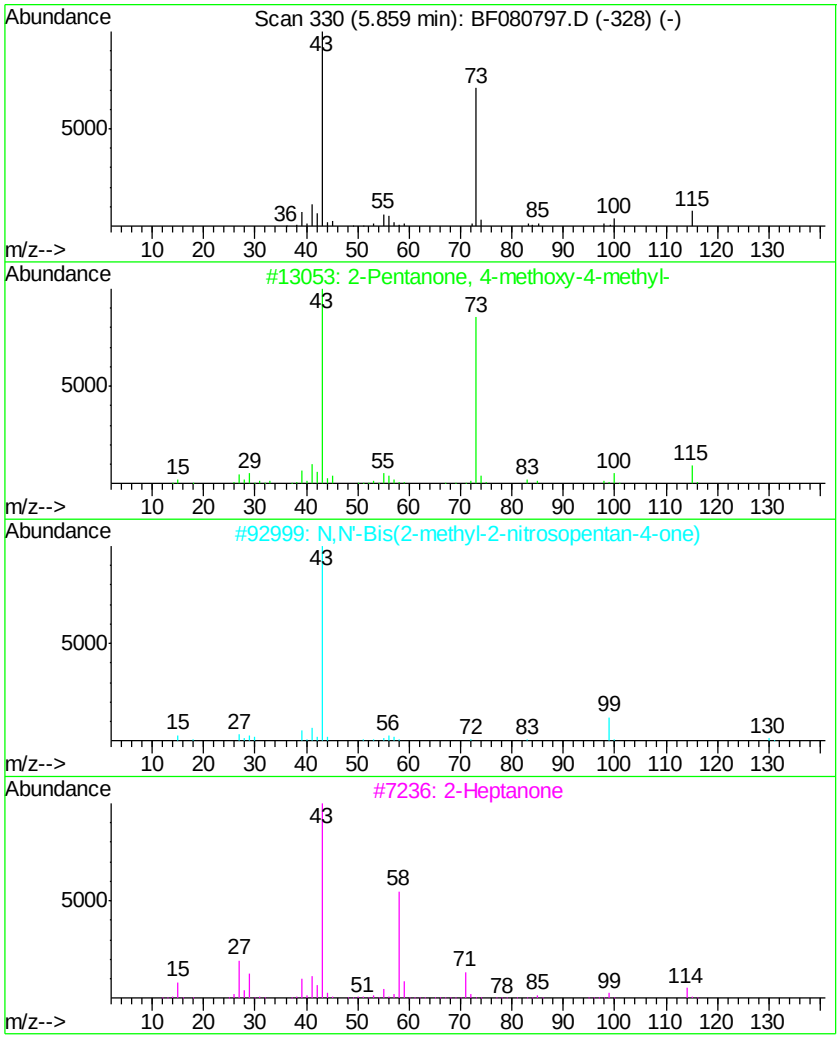
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

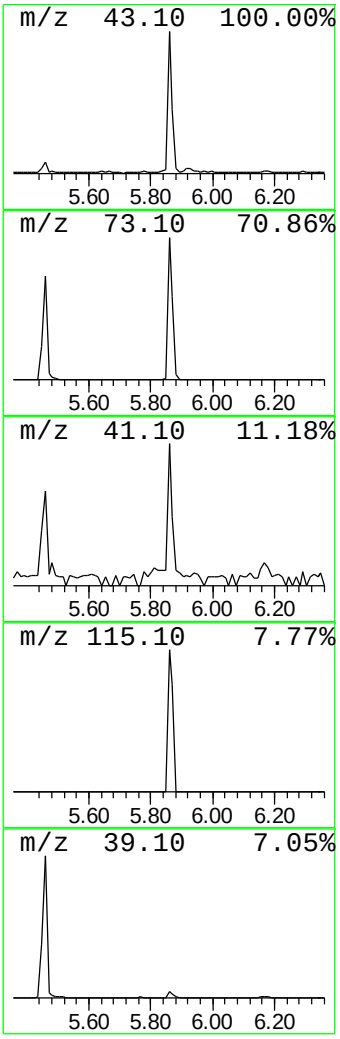
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.54 ng	119558	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	23
3	2-Heptanone	114	C7H14O	000110-43-0	23
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

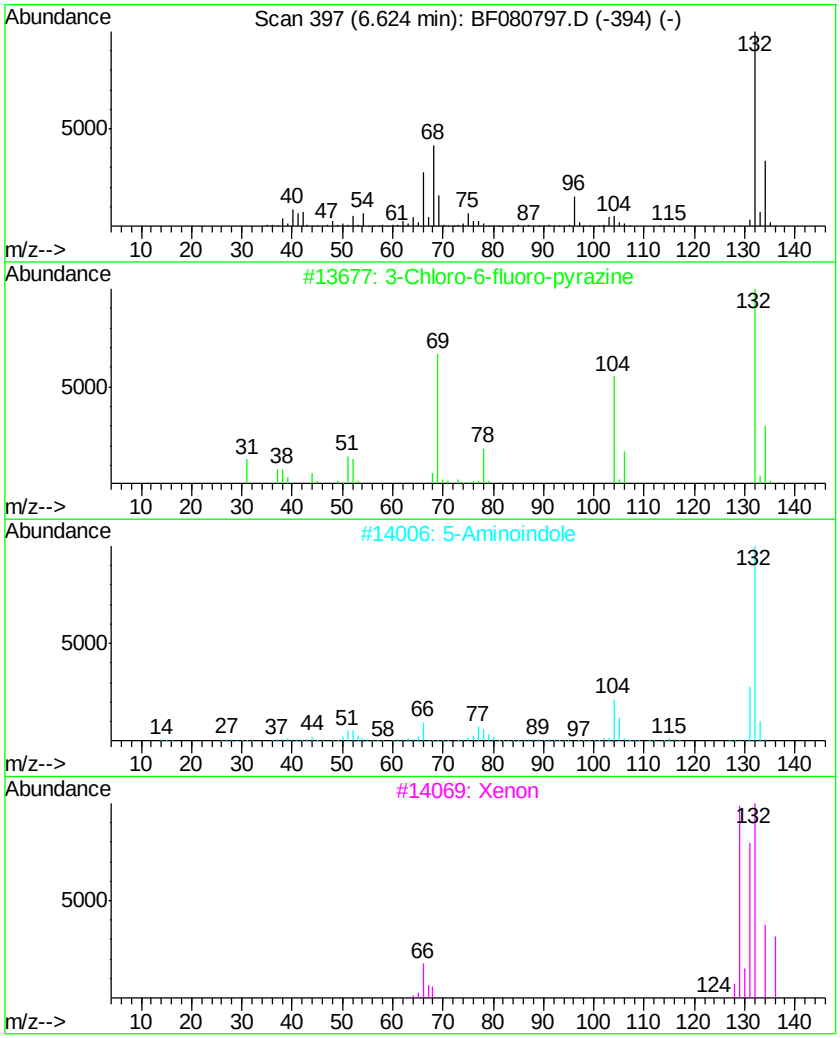
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

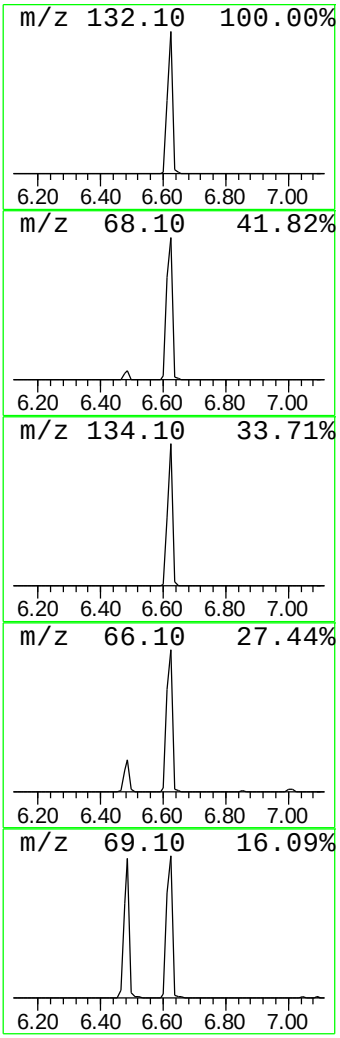
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.21 ng	3393980	1,4-Dichlorobenzene-d4	6.85

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	9
3	Xenon	132	Xe	007440-63-3	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

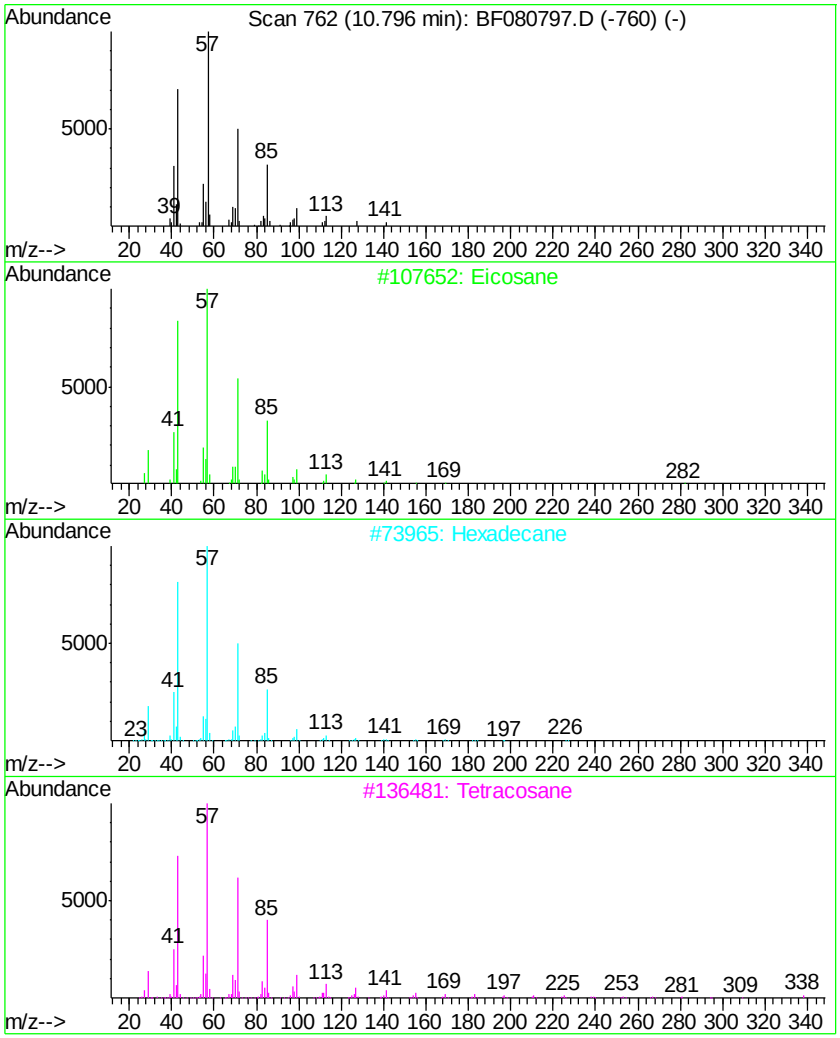
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

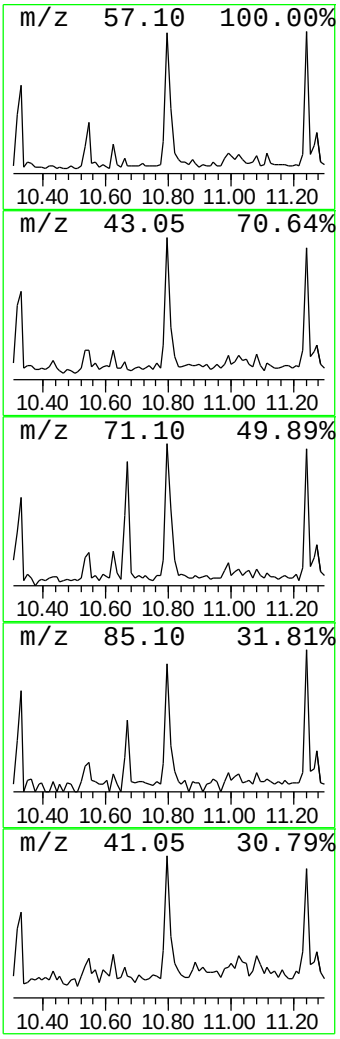
****

Peak Number 6 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.09 ng	90693	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Sample : G3127-11
Misc :
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Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

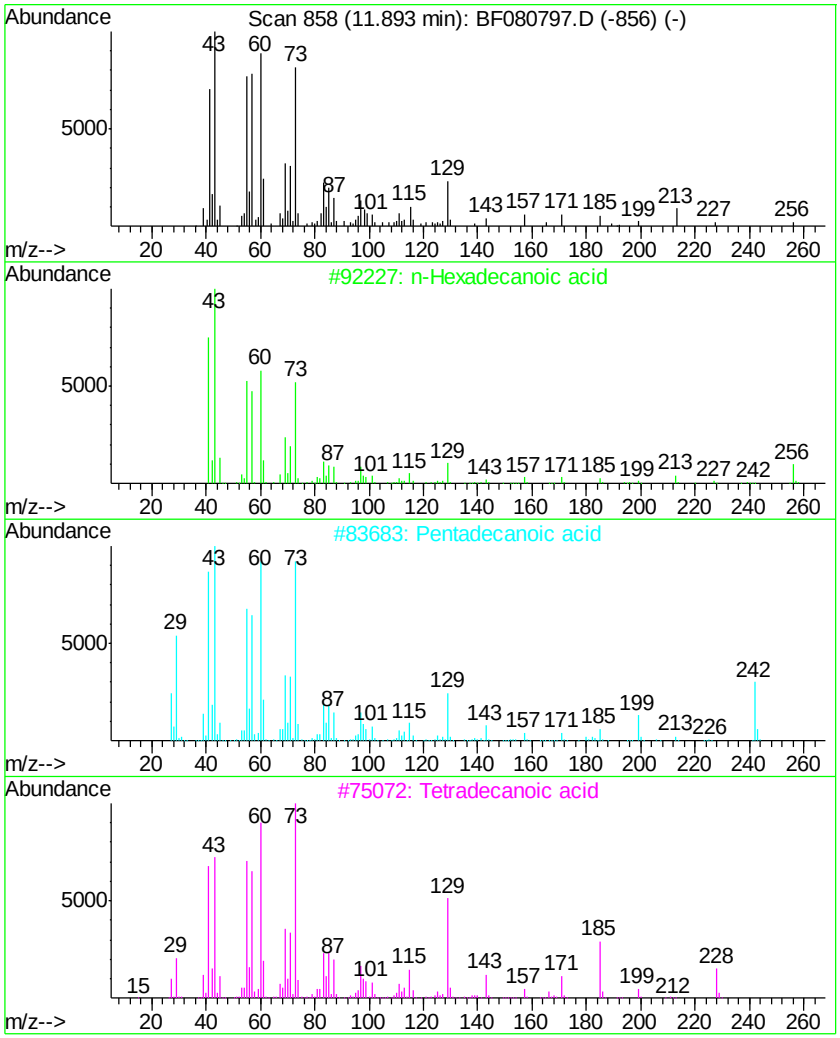
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

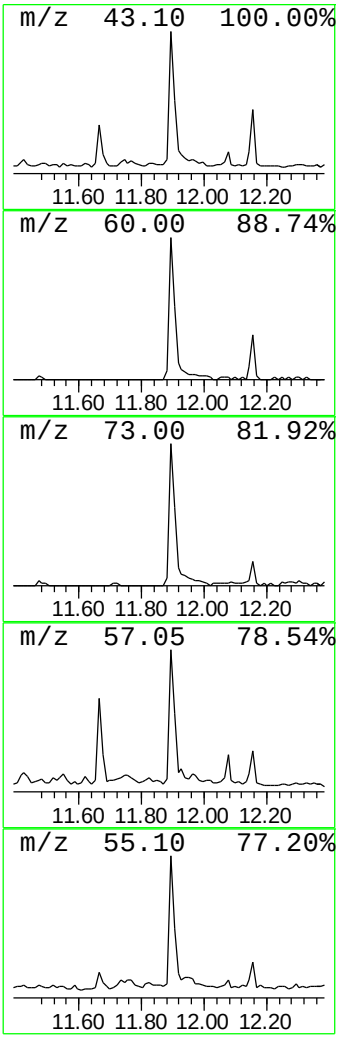
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.98 ng	259116	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
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Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

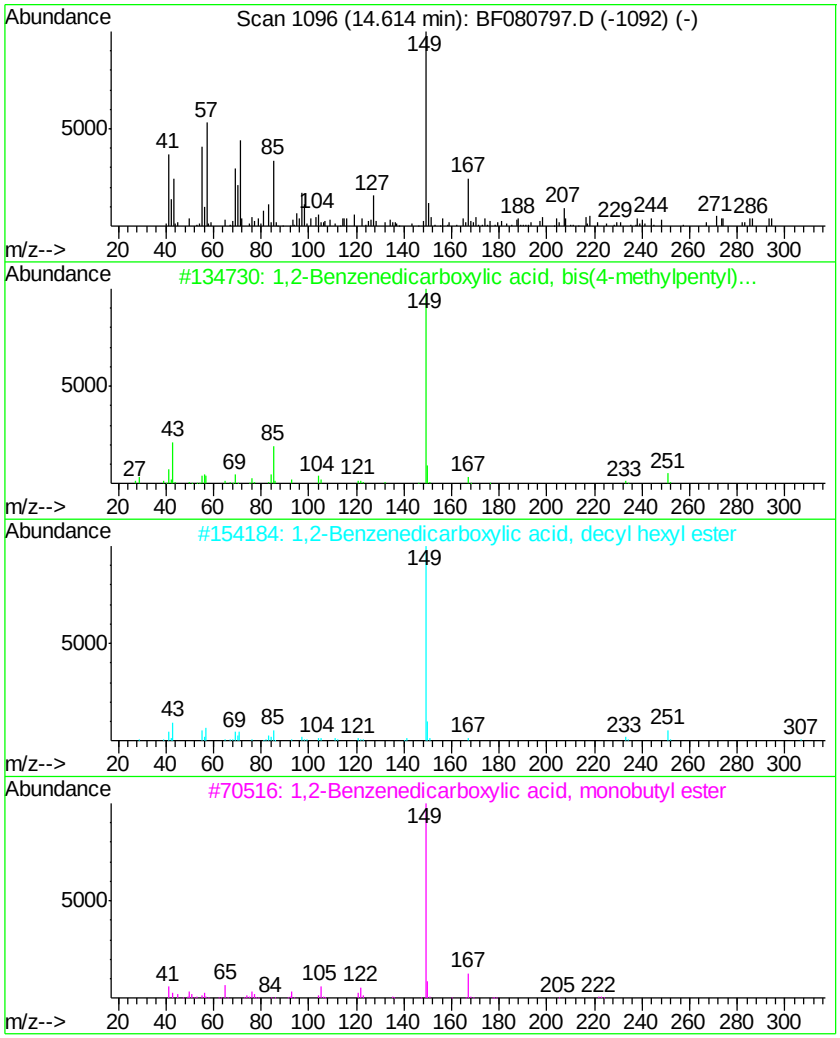
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

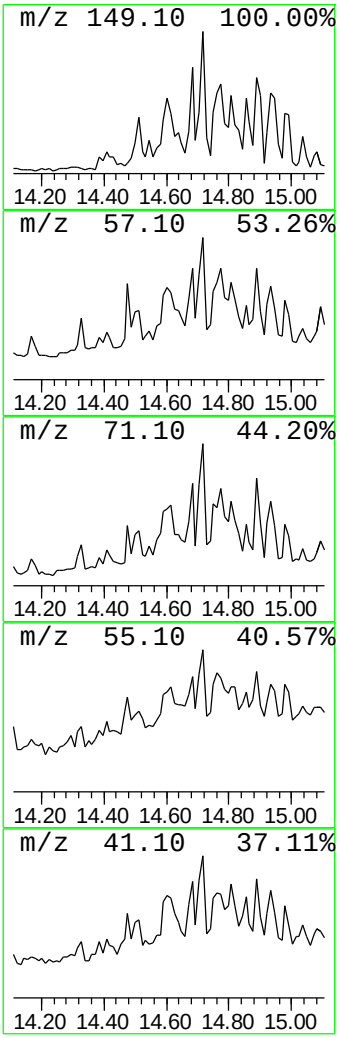
****

Peak Number 8 unknown14.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	4.45 ng	287640	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	38
2	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	38
3	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	38
4	Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	38
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

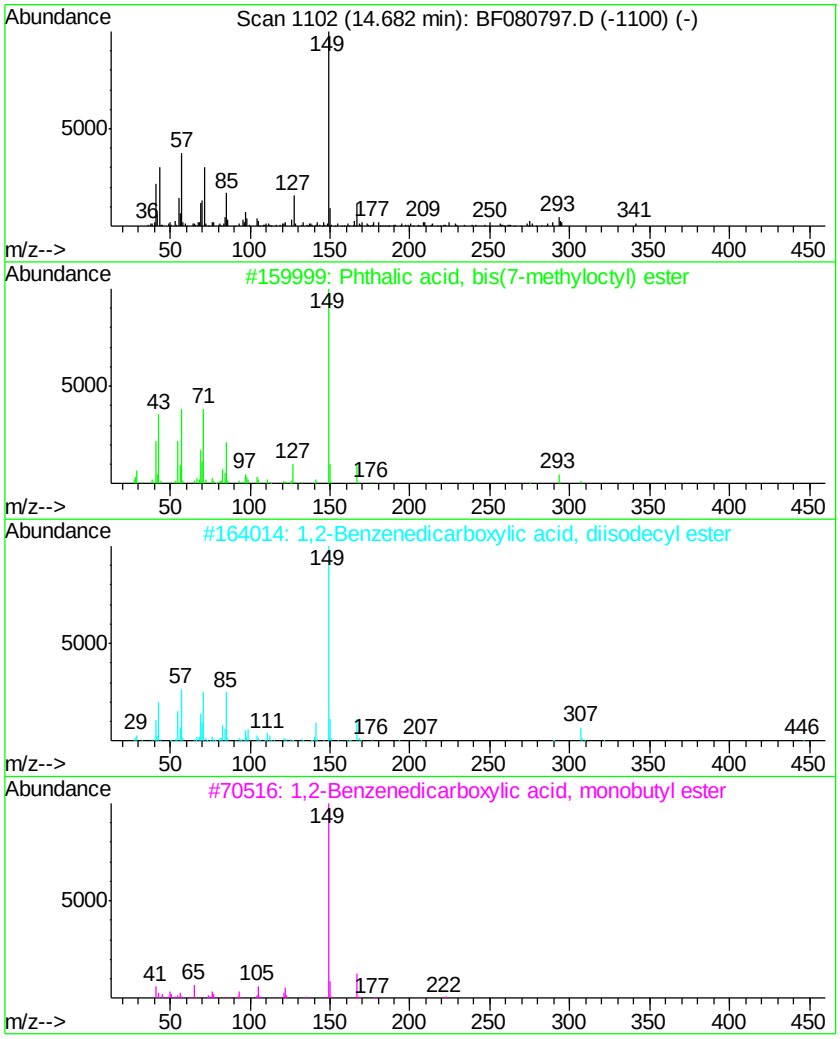
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

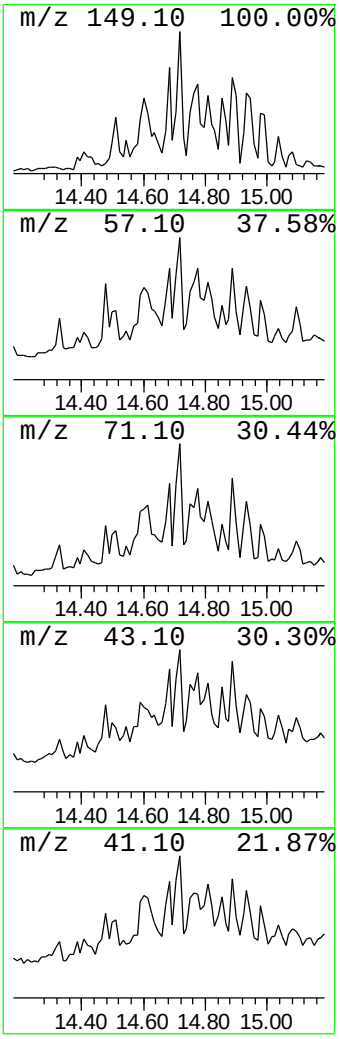
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phthalic acid, bis(7-methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.14 ng	138385	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	86
2	1,2-Benzenedicarboxylic acid, di...	446	C28H46O4	026761-40-0	59
3	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	50
4	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	50
5	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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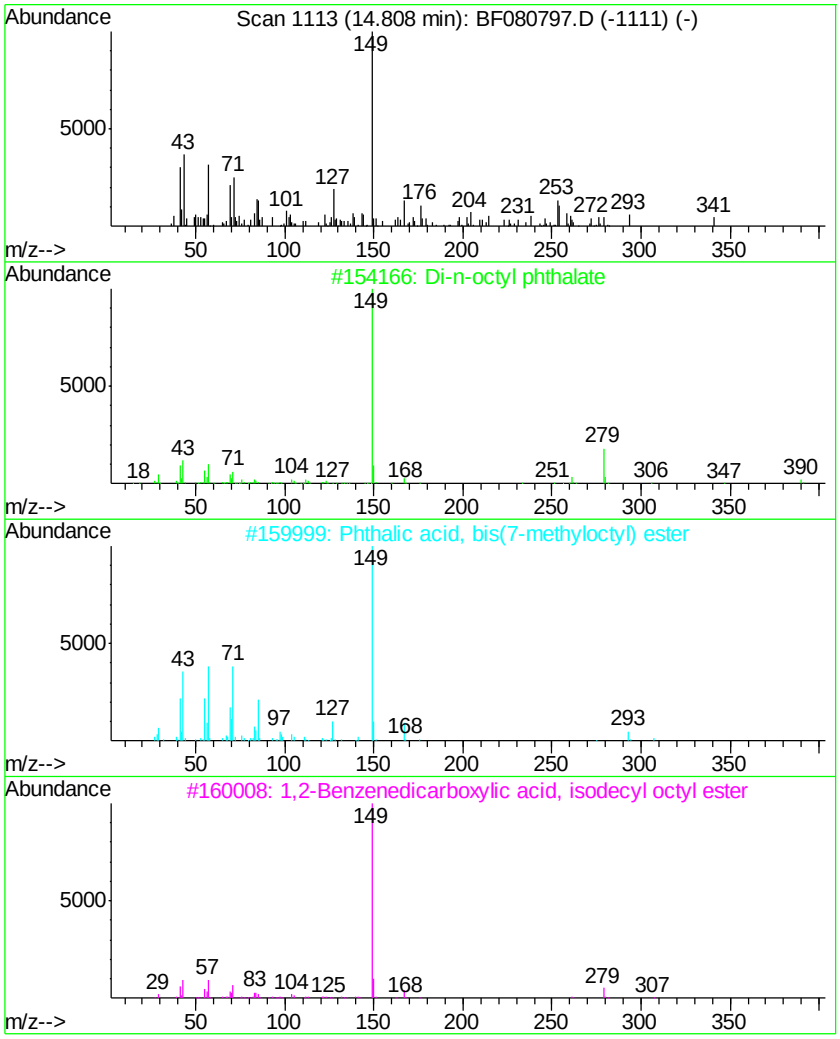
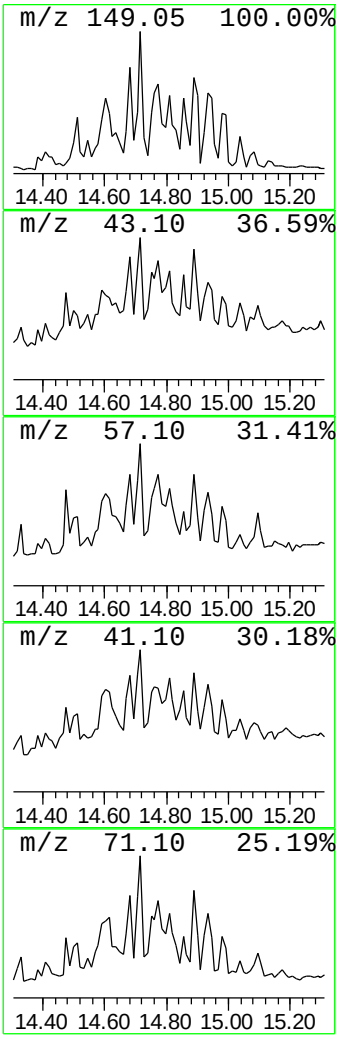
Peak Number 12 unknown14.81 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.20 ng	189795	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	40
2	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	40
3	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	40
4	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	38
5	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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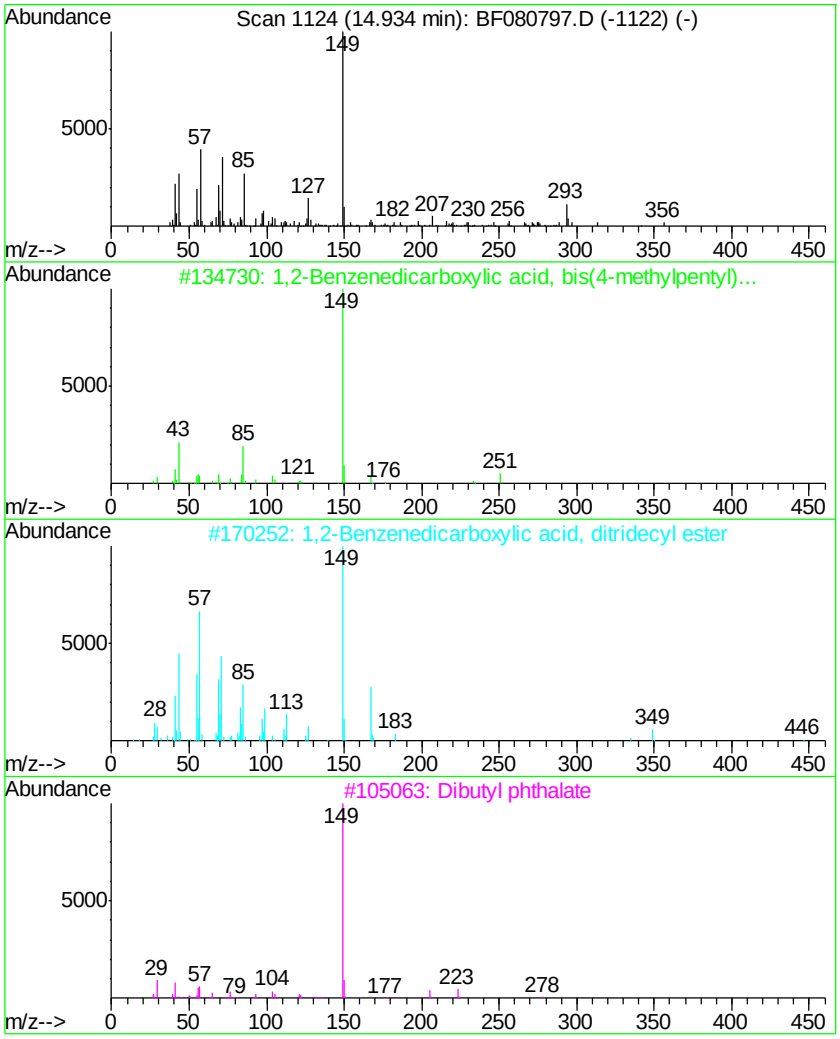
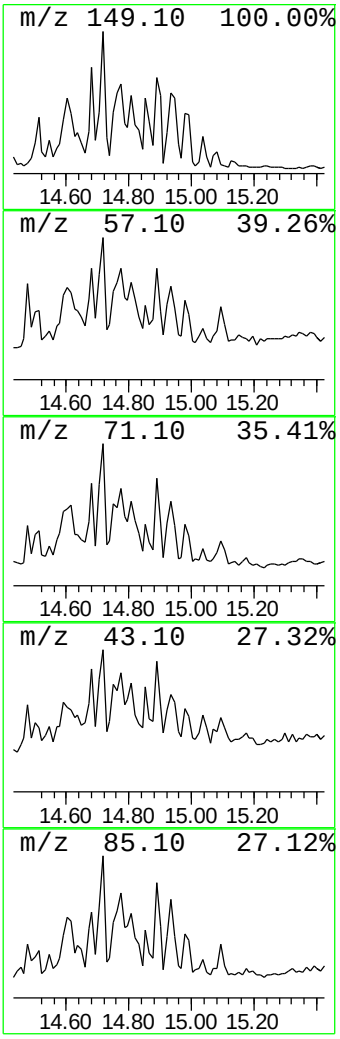
Peak Number 14 1,2-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.13 ng	141564	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	50
2	1,2-Benzenedicarboxylic acid, di...	530	C34H58O4	000119-06-2	50
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	43
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	43
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080797.D
Acq On : 1 Aug 2015 23:39
Operator : TP/UM
Sample : G3127-11
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
3-Penten-2-one, 4...	4.40	2.9	ng	136663	1	6.85	940024	20.0
2-Pentanone, 4-hy...	5.05	63.1	ng	2965740	1	6.85	940024	20.0
2-Pentanone, 4-me...	5.86	2.5	ng	119558	1	6.85	940024	20.0
unknown6.62	6.62	72.2	ng	3393980	1	6.85	940024	20.0
Eicosane	10.80	2.1	ng	90693	4	11.37	866528	20.0
n-Hexadecanoic acid	11.89	6.0	ng	259116	4	11.37	866528	20.0
unknown14.61	14.61	4.5	ng	287640	5	14.00	1292450	20.0
Phthalic acid, bi...	14.68	2.1	ng	138385	5	14.00	1292450	20.0
unknown14.81	14.81	4.2	ng	189795	6	15.41	904378	20.0
1,2-Benzenedicarb...	14.93	3.1	ng	141564	6	15.41	904378	20.0