LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

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-BF043015.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	1.541	28	31	34	rVB	6696514	8625752	100.00%	21.322%
2	1.678	40	43	50	rVB	225409	539304	6.25%	1.333%
3	1.781	50	52	57	rVV	404932	815944	9.46%	2.017%
4	1.873	57	60	62	rVV	235628	405514	4.70%	1.002%
5	1.907	62	63	91	rVB	3085565	5728556	66.41%	14.161%
6	5.187	348	350	359	rVB	223305	326794	3.79%	0.808%
7	5.667	390	392	395	rBV	1463015	2075490	24.06%	5.130%
8	6.925	499	502	504	rBV	2331770	2301501	26.68%	5.689%
9	7.085	513	516	518	rBV	2325049	2308792	26.77%	5.707%
10	7.370	539	541	543	rBV	590825	541540	6.28%	1.339%
11	7.565	555	558	560	rVB	1265431	1709605	19.82%	4.226%
12	8.056	599	601	604	rBV	1091938	1304158	15.12%	3.224%
13	8.948	677	679	682	rBV	880558	753903	8.74%	1.864%
14	10.296	794	797	799	rBV	2909480	2570857	29.80%	6.355%
15	10.799	839	841	843	rBV	102955	94907	1.10%	0.235%
16	11.131	867	870	872	rBV	715207	822145	9.53%	2.032%
17	11.474	898	900	903	rBV	97737	105619	1.22%	0.261%
18	12.102	953	955	958	rBV2	1494356	1703527	19.75%	4.211%
19	12.971	1029	1031	1033	rBV	836028	876946	10.17%	2.168%
20	13.679	1091	1093	1096	rBV	63835	87931	1.02%	0.217%
21	14.480	1161	1163	1166	rBV	129673	138809	1.61%	0.343%
22	14.571	1168	1171	1173	rVB	74029	91001	1.05%	0.225%
23	14.765	1185	1188	1189	rBV	125046	143868	1.67%	0.356%
24	14.834	1192	1194	1197	rBV	313717	402643	4.67%	0.995%
25	14.971	1203	1206	1209	rBV	2895341	2787096	32.31%	6.890%
26	16.137	1306	1308	1313	rBV	251660	397646	4.61%	0.983%
27	16.274	1317	1320	1322	rVV	788296	1051713	12.19%	2.600%
28	16.308	1322	1323	1326	rVB2	76356	89800	1.04%	0.222%
29	16.983	1380	1382	1387	rVB	109042	149205	1.73%	0.369%
30	17.611	1435	1437	1439	rBV	57561	109297	1.27%	0.270%
31	17.794	1451	1453	1459	rBV2	67404	205573	2.38%	0.508%
32	18.080	1475	1478	1483	rVB	682198	1025958	11.89%	2.536%
33	20.252	1665	1668	1674	rBV5	59462	162700	1.89%	0.402%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

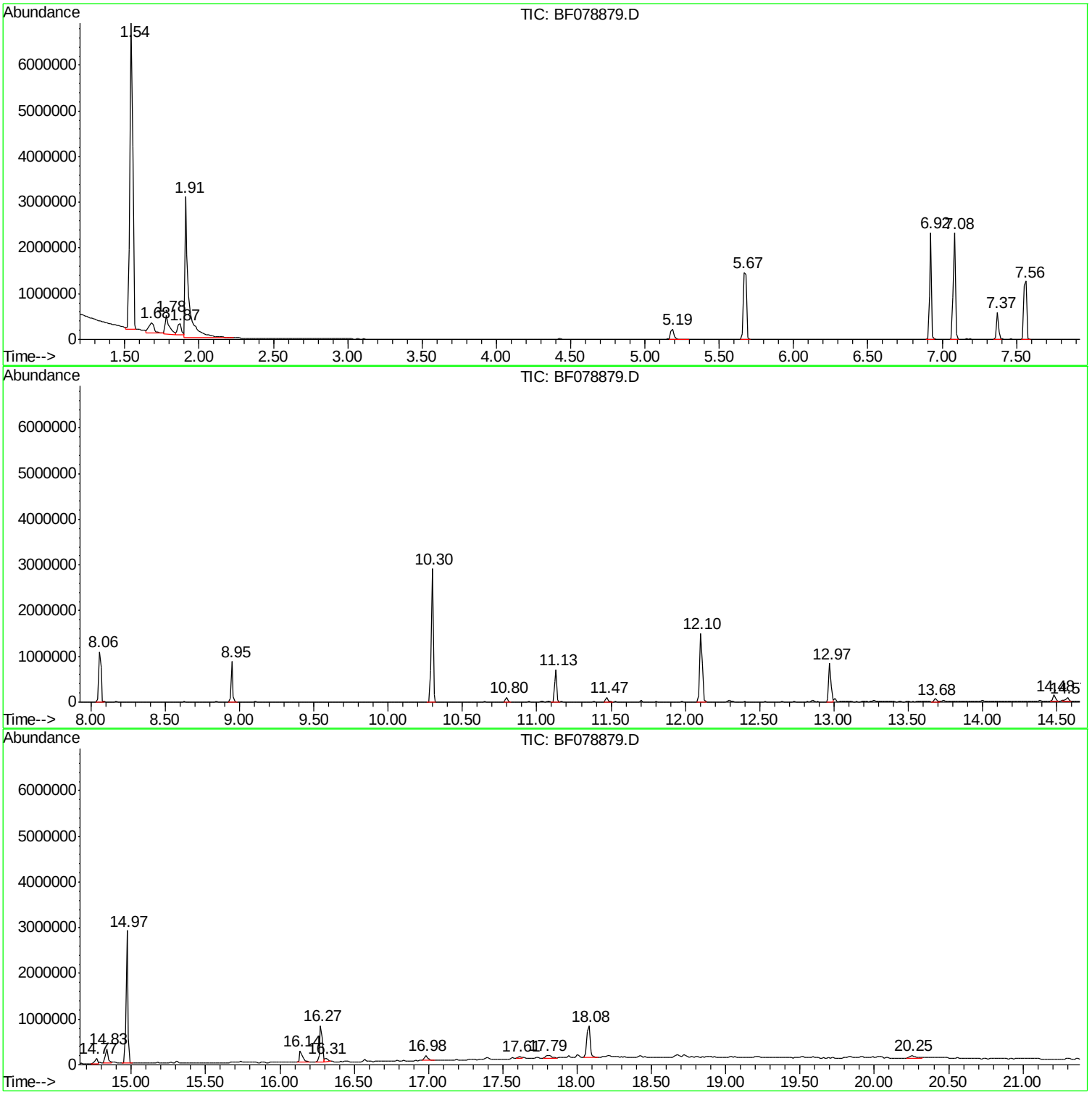
Sum of corrected areas: 40454094

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
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Sample : G2032-04
Misc :
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Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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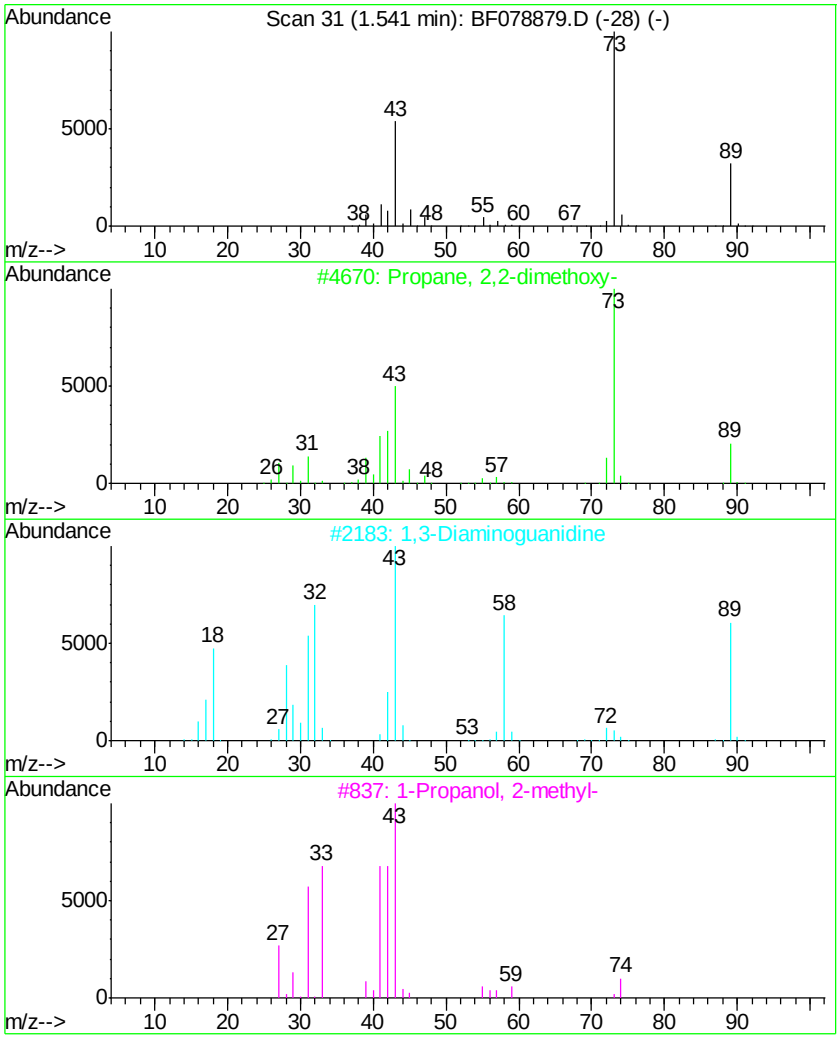
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

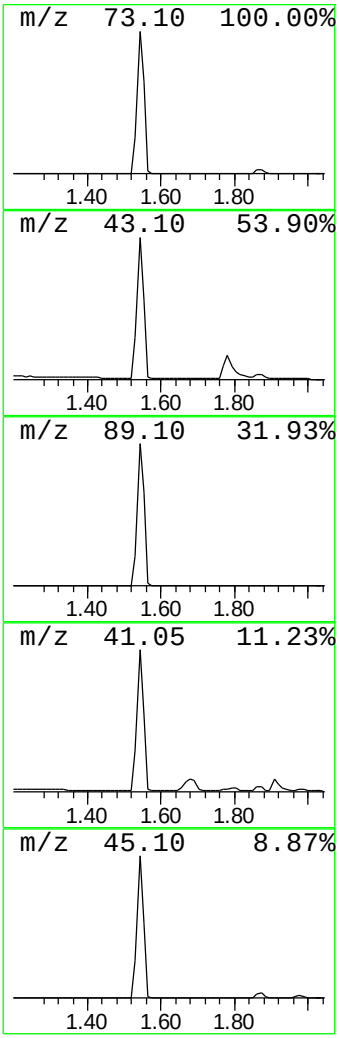
****

Peak Number 1 unknown1.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	318.56 ng	8625750	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

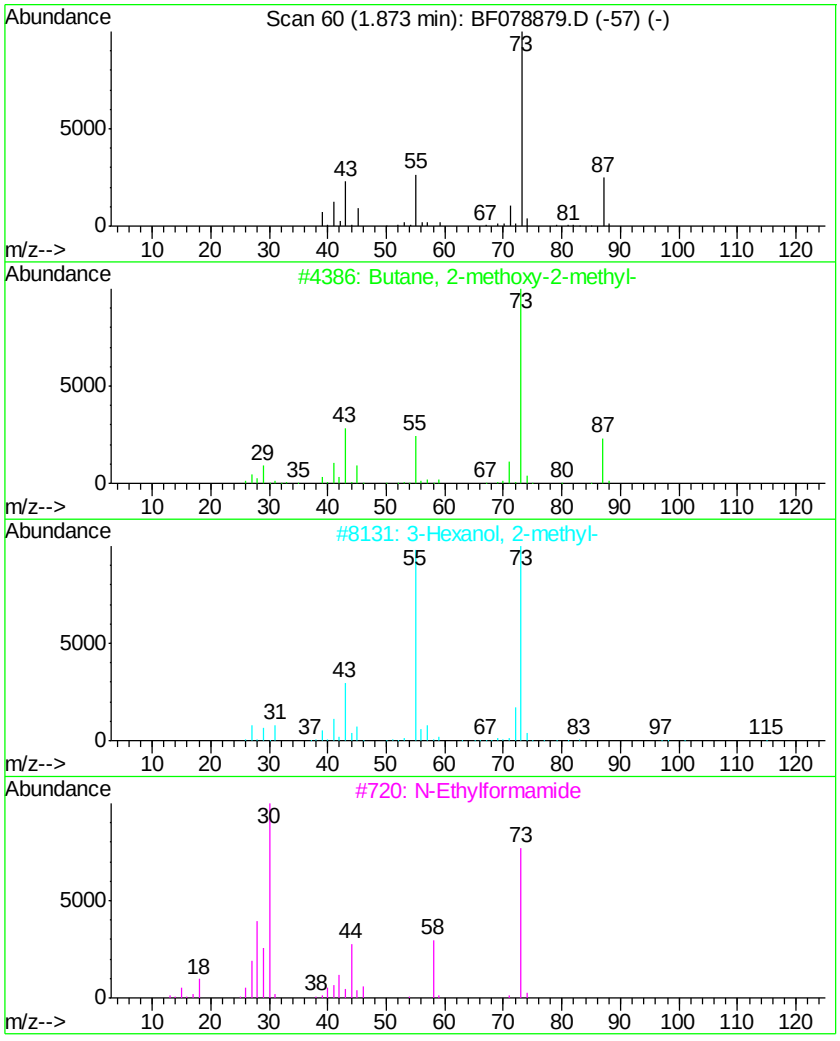
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

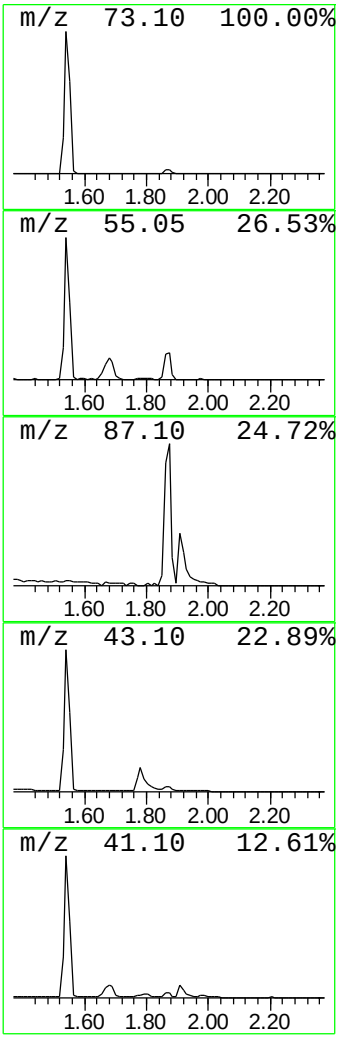
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.87	14.98 ng	405514	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

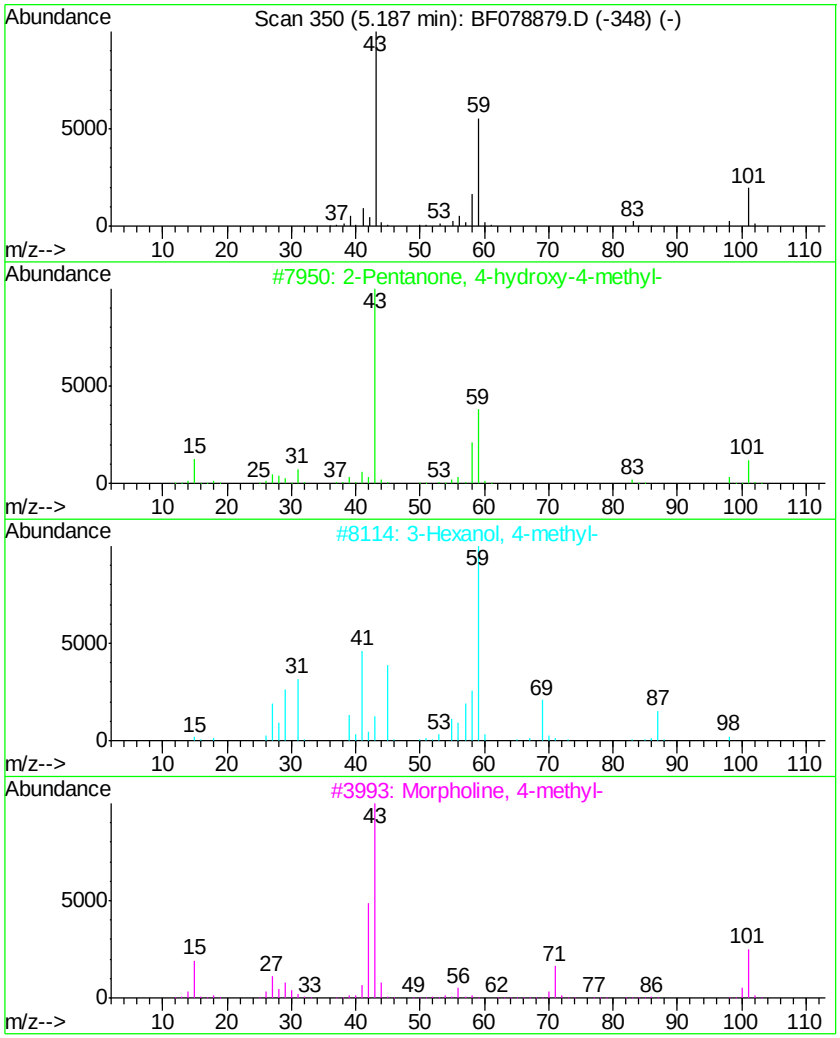
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

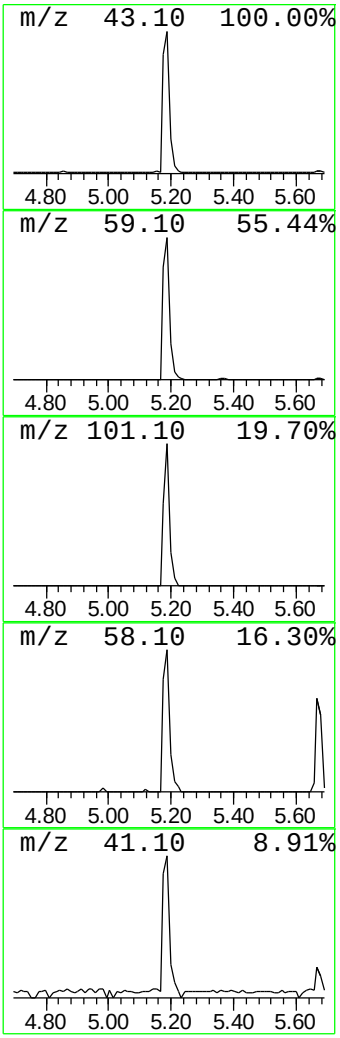
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.07 ng	326794	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

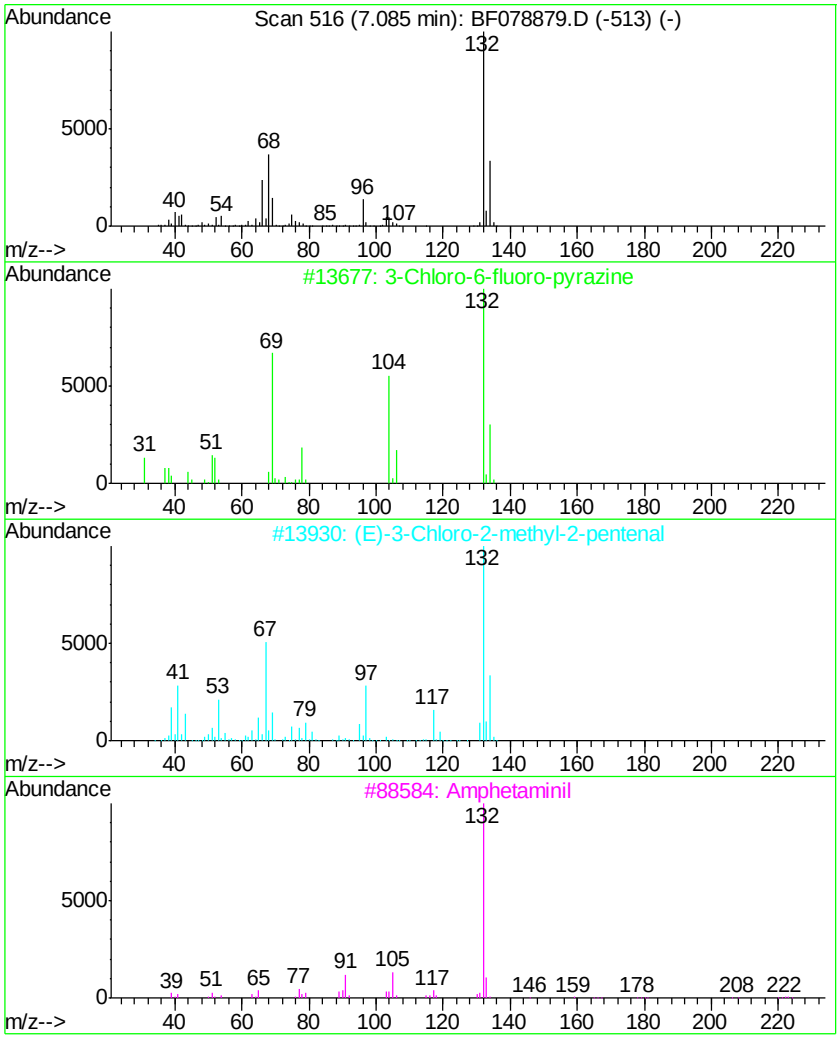
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

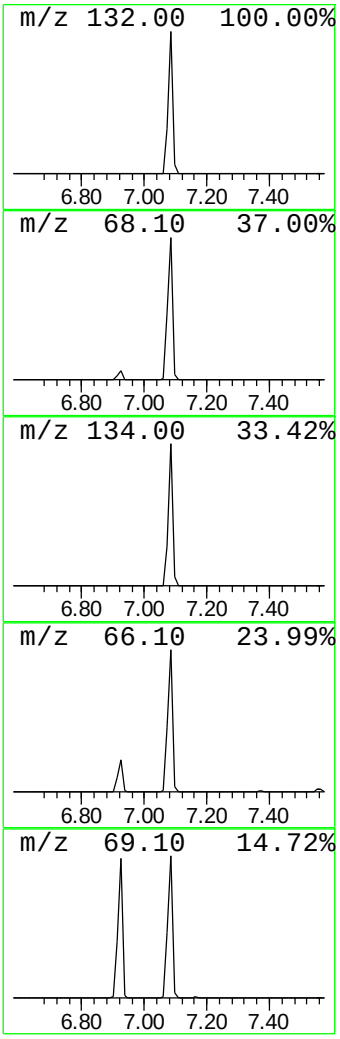
****

Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	85.27 ng	2308790	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

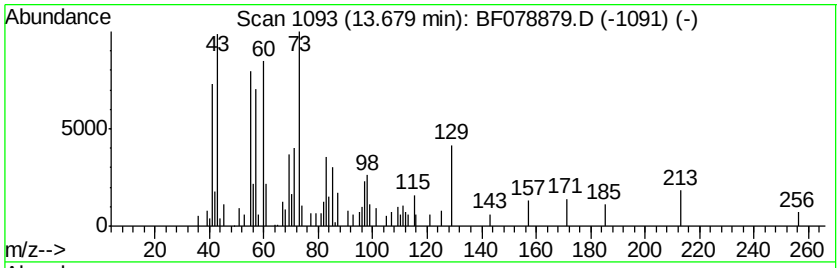
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

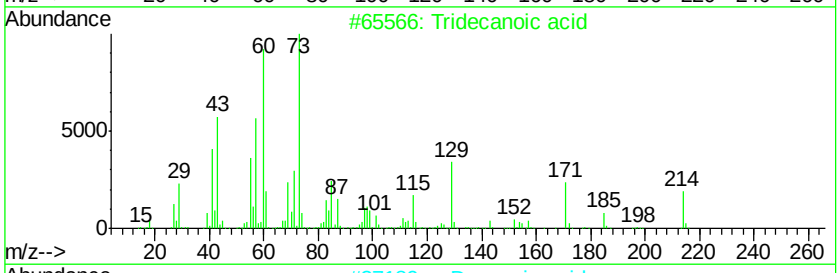
****

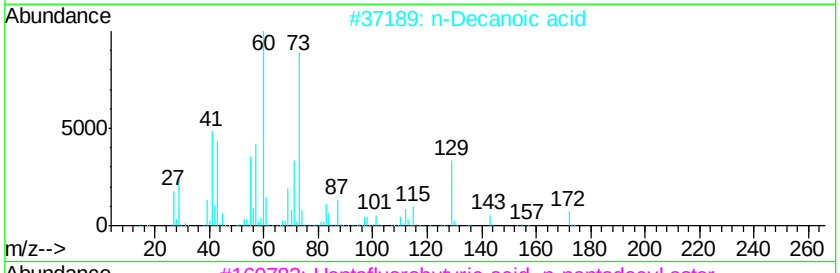
Peak Number 10 Tridecanoic acid Concentration Rank 16

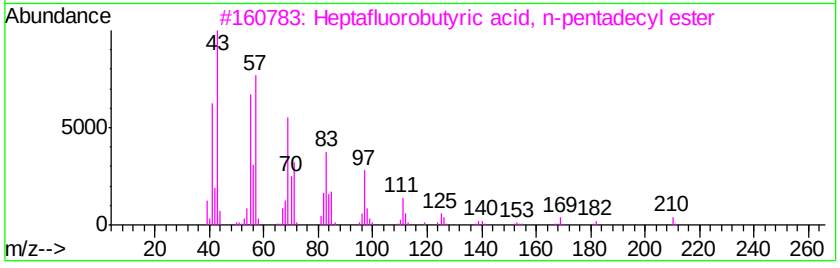
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.01 ng	87931	Phenanthrene-d10	12.97

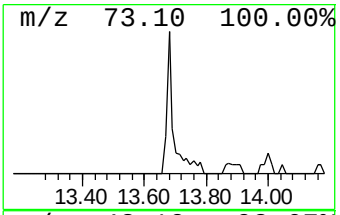
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	n-Decanoic acid	172	C10H20O2	000334-48-5	58
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	15
4	17-Pentatriacontene	491	C35H70	006971-40-0	15
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	11

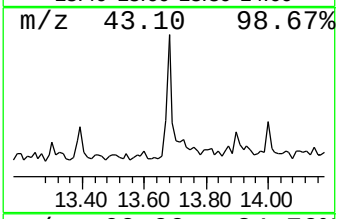


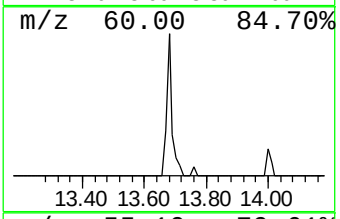


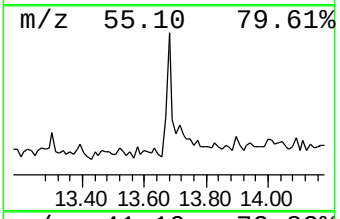


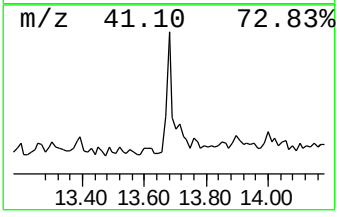












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Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

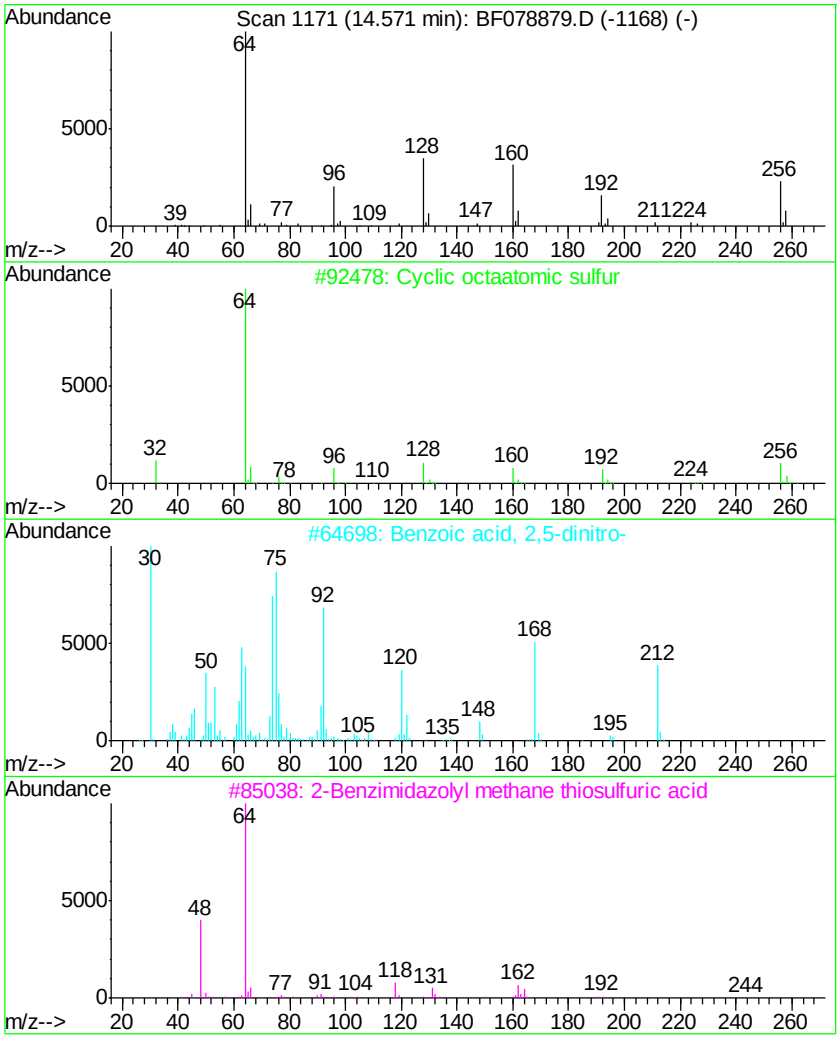
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

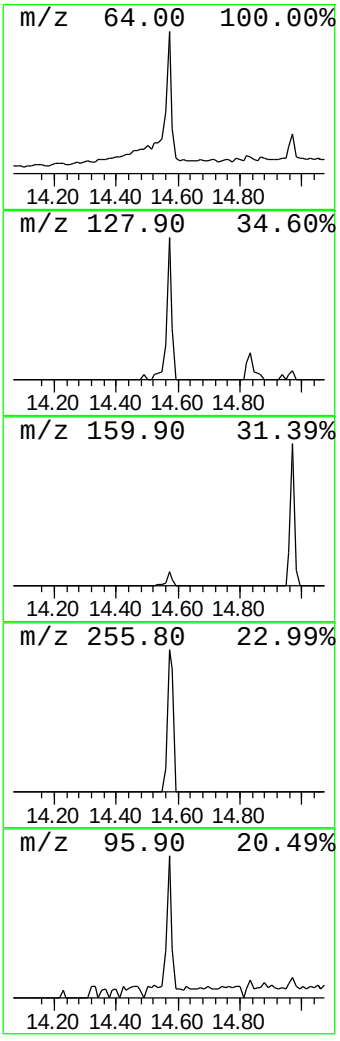
****

Peak Number 11 Cyclic octaatomic sulfur Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.08 ng	91001	Phenanthrene-d10	12.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	90
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	53
3	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	38
4	1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	9
5	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9





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Instrument : BNA_F
ClientSampleId : B2(5-7)

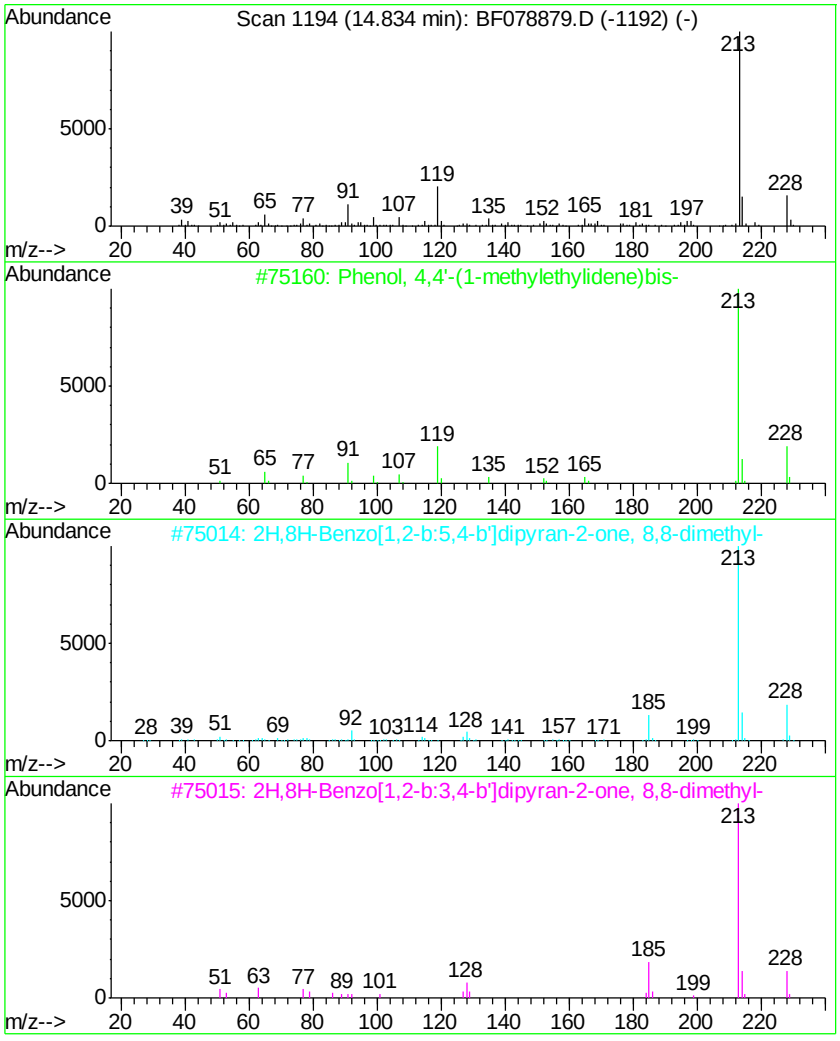
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

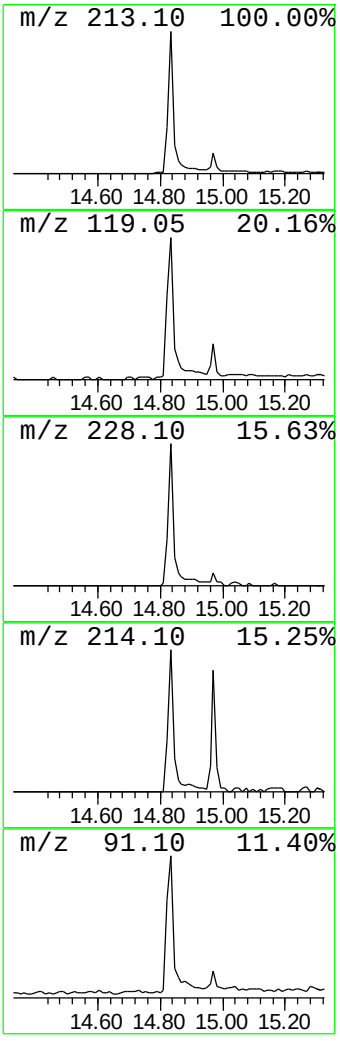
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	7.66 ng	402643	Chrysene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
4	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	42
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40





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Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

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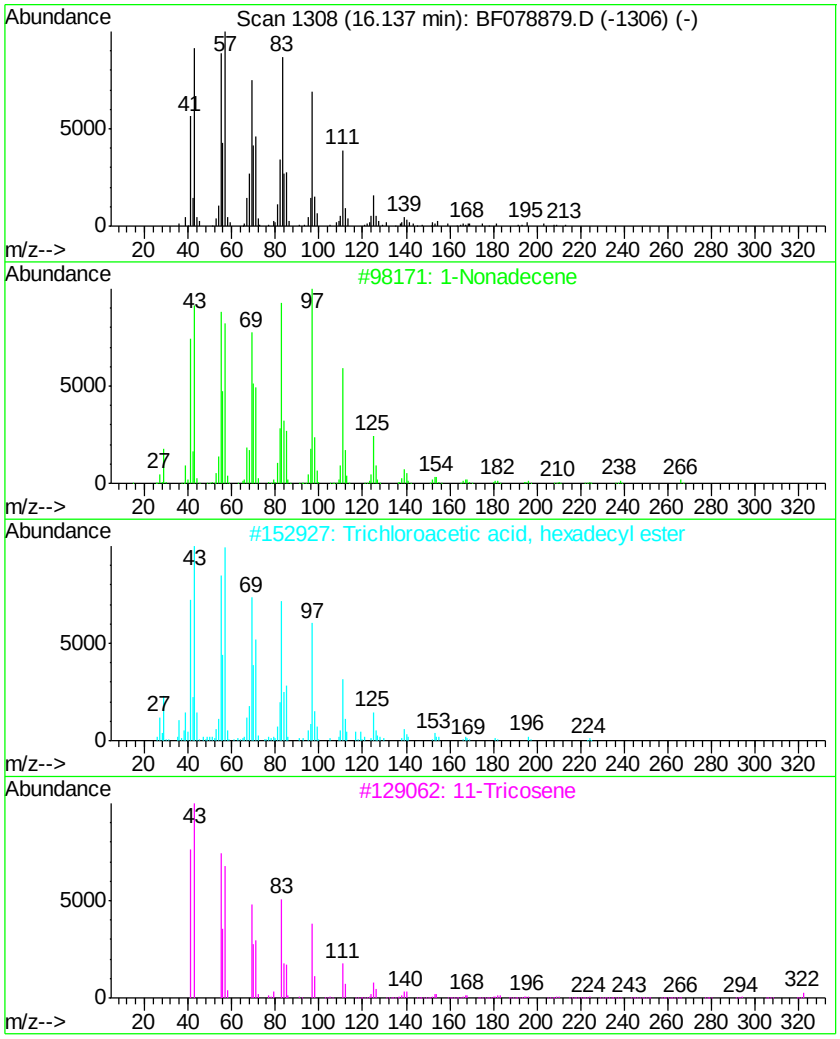
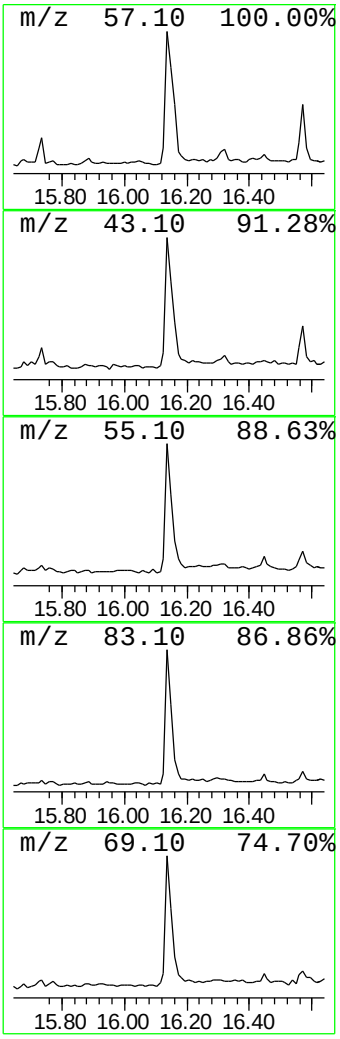
Peak Number 13 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	7.56 ng	397646	Chrysene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	11-Tricosene	322	C23H46	052078-56-5	90
4	1-Heptadecanol	256	C17H36O	001454-85-9	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078879.D
Acq On : 1 May 2015 6:21
Operator : TP/IZ
Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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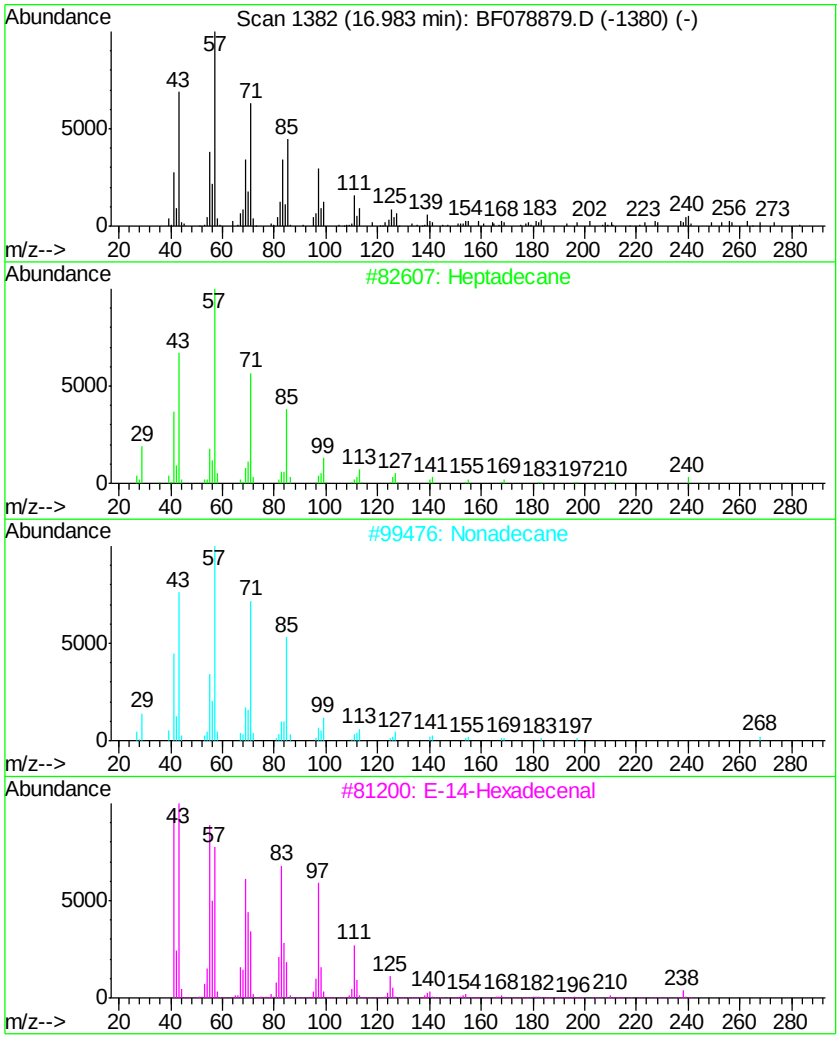
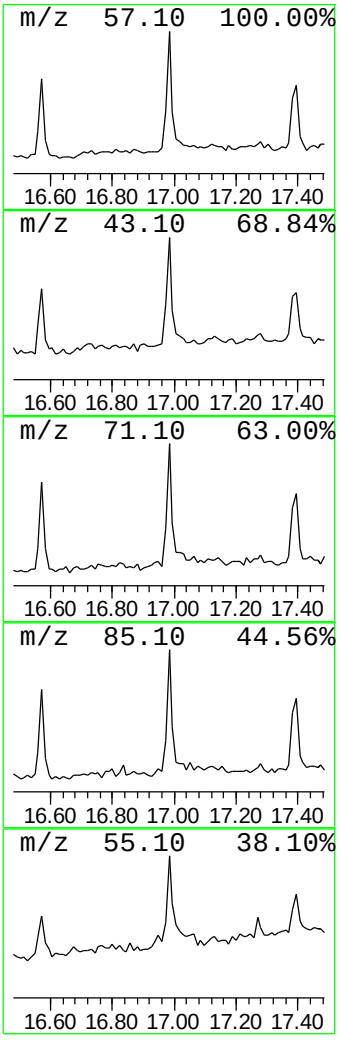
Peak Number 14 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.84 ng	149205	Chrysene-d12	16.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	89
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	87
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64





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Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

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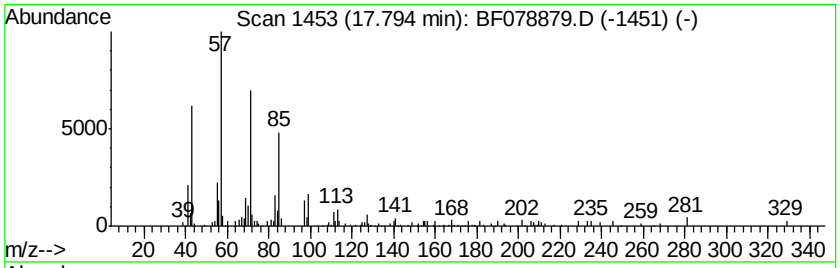
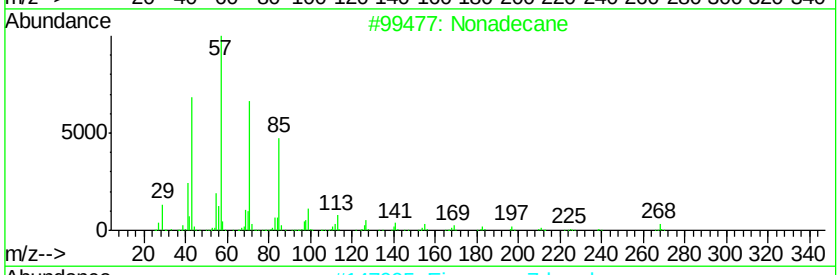
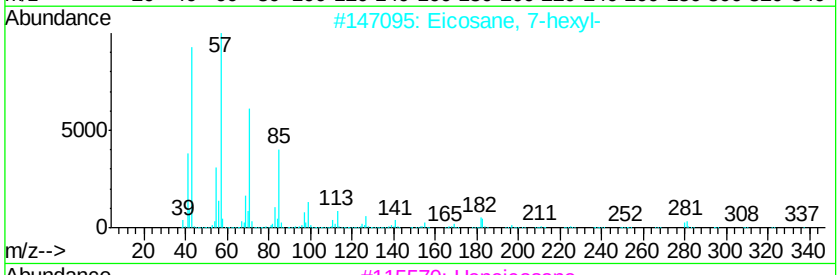
Peak Number 15 Nonadecane Concentration Rank 11

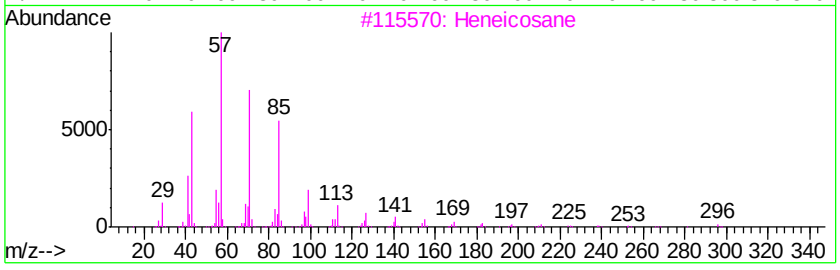
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.01 ng	205573	Perylene-d12	18.08

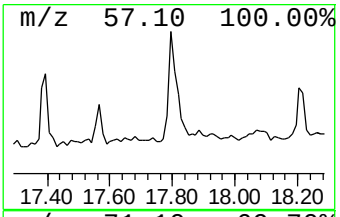
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexatriacontane	507	C36H74	000630-06-8	83

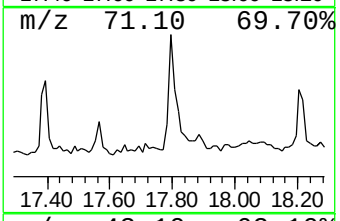


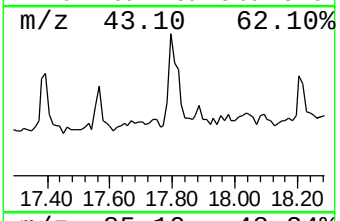


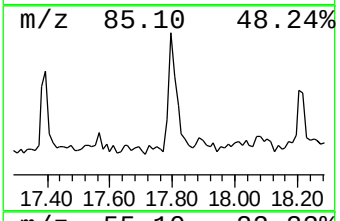


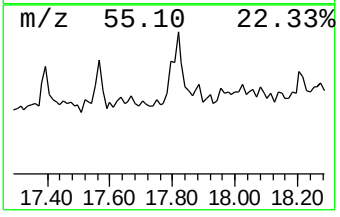












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Data File : BF078879.D
Acq On : 1 May 2015 6:21
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Sample : G2032-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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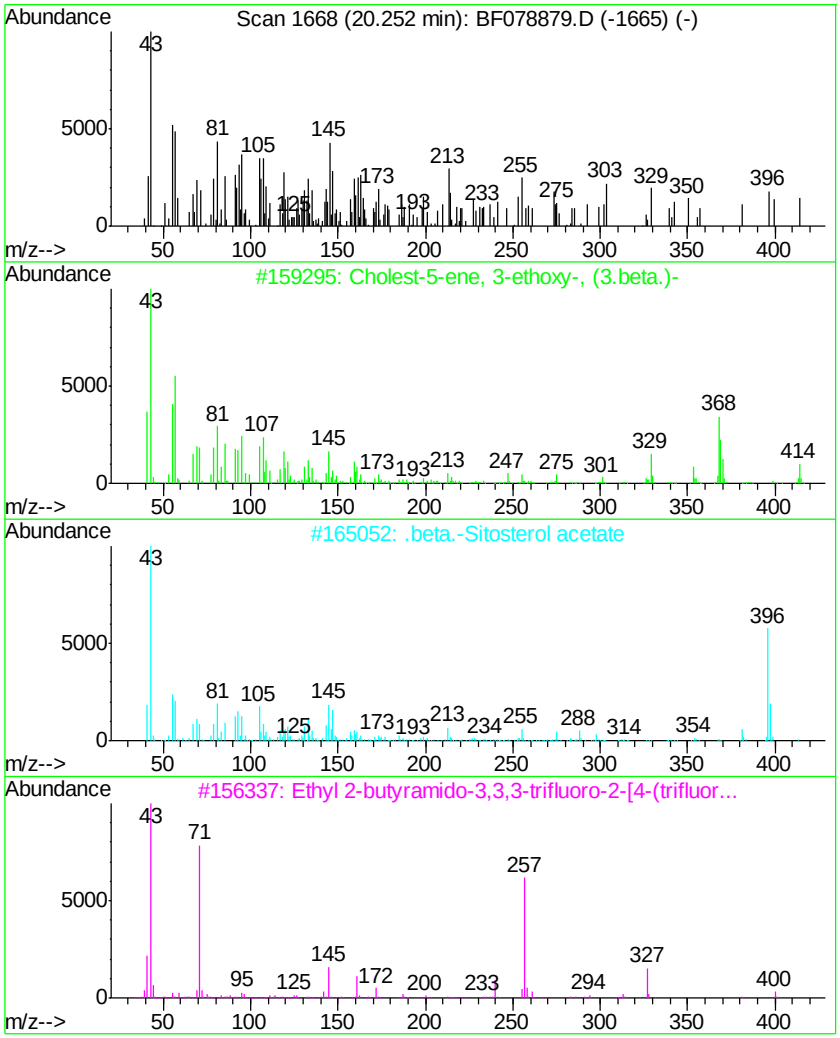
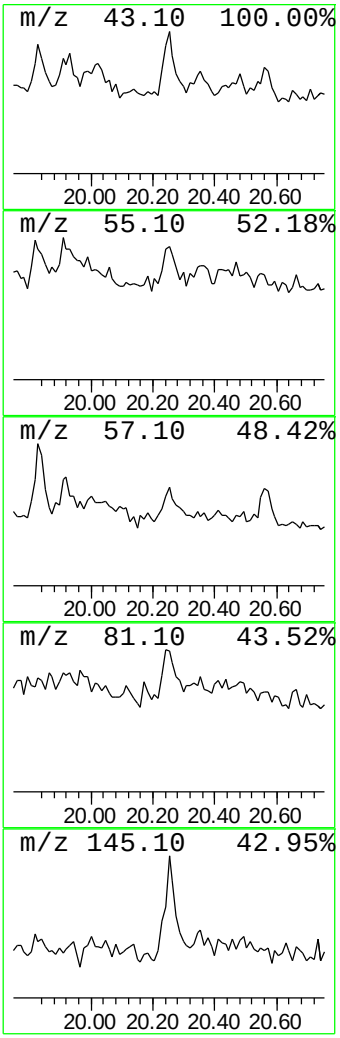
Peak Number 16 unknown20.25 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	3.17 ng	162700	Perylene-d12	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	38
2	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	10
3	Ethyl 2-butyramido-3,3,3-trifluo...	400	C16H18F6N2O3	1000224-15-9	9
4	3.beta.-Acetoxy-16-isothiocyanat...	415	C24H33NO3S	006084-08-8	7
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	2





Tentatively Identified Compound (LSC) summary

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Data File : BF078879.D
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.54	1.54	318.6	ng	8625750	1	7.37	541540	20.0
Butane, 2-methoxy...	1.87	15.0	ng	405514	1	7.37	541540	20.0
2-Pentanone, 4-hy...	5.19	12.1	ng	326794	1	7.37	541540	20.0
unknown7.08	7.08	85.3	ng	2308790	1	7.37	541540	20.0
Tridecanoic acid	13.68	2.0	ng	87931	4	12.97	876946	20.0
Cyclic octaatomic...	14.57	2.1	ng	91001	4	12.97	876946	20.0
Phenol, 4,4'-(1-m...	14.83	7.7	ng	402643	5	16.27	1051710	20.0
1-Nonadecene	16.14	7.6	ng	397646	5	16.27	1051710	20.0
Heptadecane	16.98	2.8	ng	149205	5	16.27	1051710	20.0
Nonadecane	17.79	4.0	ng	205573	6	18.08	1025960	20.0
unknown20.25	20.25	3.2	ng	162700	6	18.08	1025960	20.0