LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

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-BF012417.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	5.150	266	268	271	rBV	539217	573103	11.95%	1.462%
2	5.561	302	304	307	rBV	2005046	1964124	40.94%	5.011%
3	6.590	391	394	396	rBV	1697534	1432099	29.85%	3.654%
4	6.739	404	407	409	rBV	3241277	3791190	79.02%	9.672%
5	6.967	425	427	429	rBV	1186280	1009941	21.05%	2.577%
6	7.127	438	441	443	rBV	3535451	3364820	70.14%	8.584%
7	7.539	473	477	479	rBV	2805891	3195887	66.62%	8.153%
8	7.619	482	484	486	rBV	69975	64732	1.35%	0.165%
9	8.259	537	540	542	rBV	1388331	1325127	27.62%	3.381%
10	8.613	568	571	576	rVB6	23272	61968	1.29%	0.158%
11	8.830	588	590	592	rBV	77028	119223	2.49%	0.304%
12	8.888	592	595	597	rBV2	28666	58312	1.22%	0.149%
13	8.990	600	604	607	rBV	119351	187716	3.91%	0.479%
14	9.105	612	614	617	rVB3	53472	87209	1.82%	0.222%
15	9.196	617	622	625	rBV5	63973	227965	4.75%	0.582%
16	9.242	625	626	629	rVB3	63060	81903	1.71%	0.209%
17	9.345	632	635	638	rVV	4483270	4797543	100.00%	12.239%
18	9.425	640	642	645	rVB3	22960	52107	1.09%	0.133%
19	9.642	658	661	663	rBV4	29537	81131	1.69%	0.207%
20	9.688	663	665	666	rVV	62980	81501	1.70%	0.208%
21	9.733	667	669	672	rVV	339390	495975	10.34%	1.265%
22	9.836	674	678	680	rVB4	71398	139140	2.90%	0.355%
23	9.882	680	682	686	rBV5	29023	74127	1.55%	0.189%
24	10.031	692	695	697	rBV	1101157	1511701	31.51%	3.857%
25	10.225	710	712	715	rVB2	56186	63275	1.32%	0.161%
26	10.316	718	720	723	rVV2	149177	265379	5.53%	0.677%
27	10.408	727	728	730	rVV2	95740	166249	3.47%	0.424%
28	10.442	730	731	734	rVV2	140908	175414	3.66%	0.448%
29	10.545	736	740	743	rVB3	46801	110916	2.31%	0.283%
30	10.671	749	751	754	rBV	196060	211335	4.41%	0.539%
31	10.819	761	764	766	rBV	2638464	2833287	59.06%	7.228%
32	10.865	767	768	770	rVB	120819	99357	2.07%	0.253%
33	10.945	771	775	778	rVB2	91977	200215	4.17%	0.511%
34	11.002	778	780	781	rBV	113258	154867	3.23%	0.395%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.025	781	782	784	rVV2	107082	158181	3.30%	0.404%
36	11.059	784	785	789	rVV3	101961	179929	3.75%	0.459%
37	11.128	789	791	794	rVV2	59457	121914	2.54%	0.311%
38	11.173	794	795	797	rVV2	129769	154167	3.21%	0.393%
39	11.219	797	799	801	rVV	113609	171488	3.57%	0.437%
40	11.253	801	802	804	rVB	79365	71188	1.48%	0.182%
41	11.379	811	813	814	rBV2	70144	87007	1.81%	0.222%
42	11.516	822	825	827	rBV	1617820	1511721	31.51%	3.857%
43	11.802	849	850	854	rVB	38981	50936	1.06%	0.130%
44	12.042	869	871	876	rBV4	92703	171668	3.58%	0.438%
45	12.922	946	948	950	rBV	386217	321846	6.71%	0.821%
46	13.105	961	964	967	rVB	3230365	3904873	81.39%	9.962%
47	13.631	1007	1010	1011	rVB	213576	244383	5.09%	0.623%
48	13.997	1040	1042	1053	rVB2	132126	223665	4.66%	0.571%
49	14.157	1053	1056	1058	rVB	1330563	1250943	26.07%	3.191%
50	14.317	1068	1070	1074	rVB	66268	85460	1.78%	0.218%
51	14.625	1094	1097	1099	rVB	41178	61375	1.28%	0.157%
52	14.934	1122	1124	1127	rVB	58422	62662	1.31%	0.160%
53	15.277	1152	1154	1157	rVB	60508	71314	1.49%	0.182%
54	15.631	1182	1185	1188	rBV	657778	996395	20.77%	2.542%
55	16.111	1225	1227	1230	rBV	47207	72030	1.50%	0.184%
56	16.625	1269	1272	1281	rVB2	44821	113234	2.36%	0.289%
57	17.231	1323	1325	1329	rVB	24005	52619	1.10%	0.134%

Sum of corrected areas: 39197836

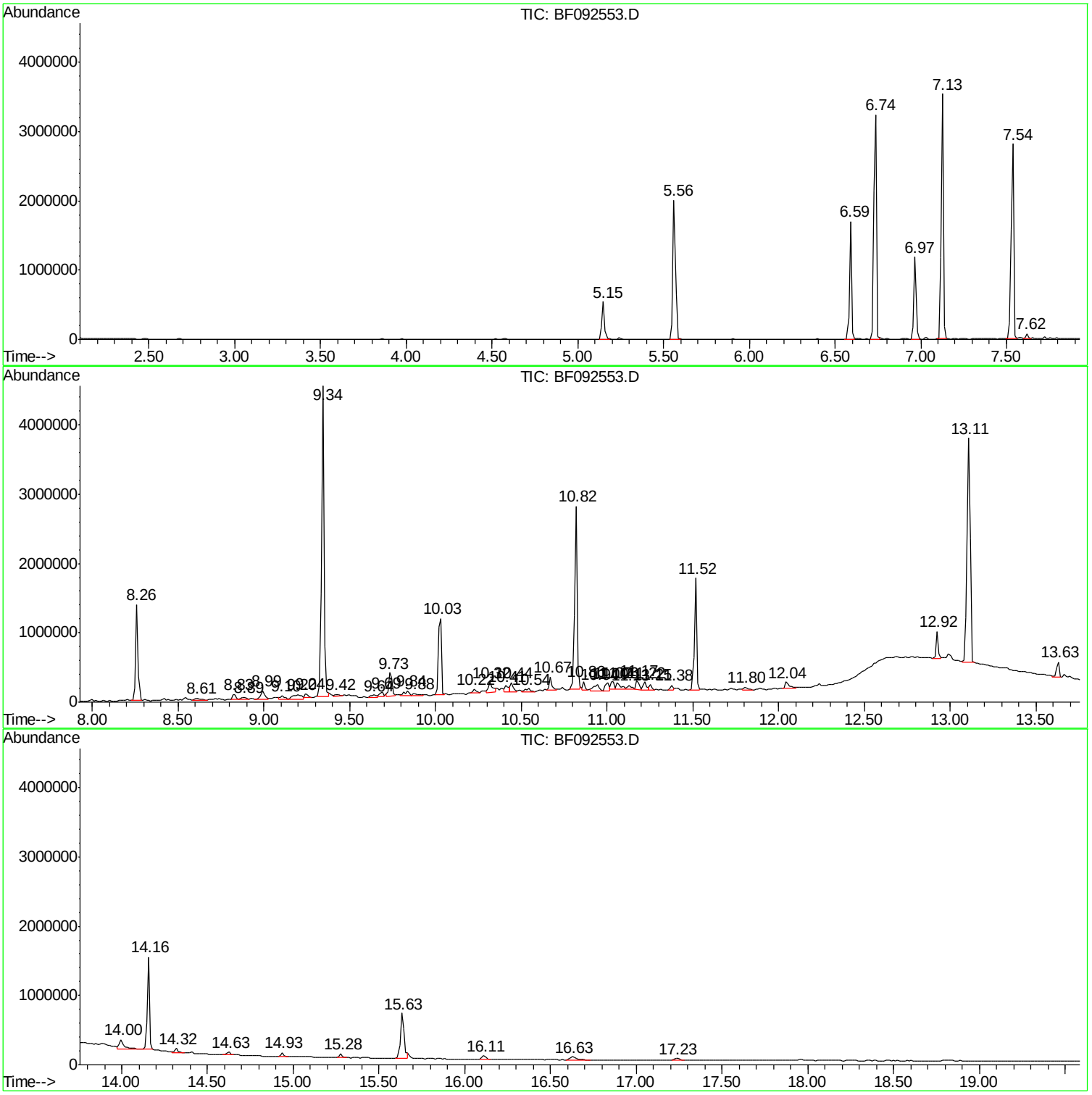
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

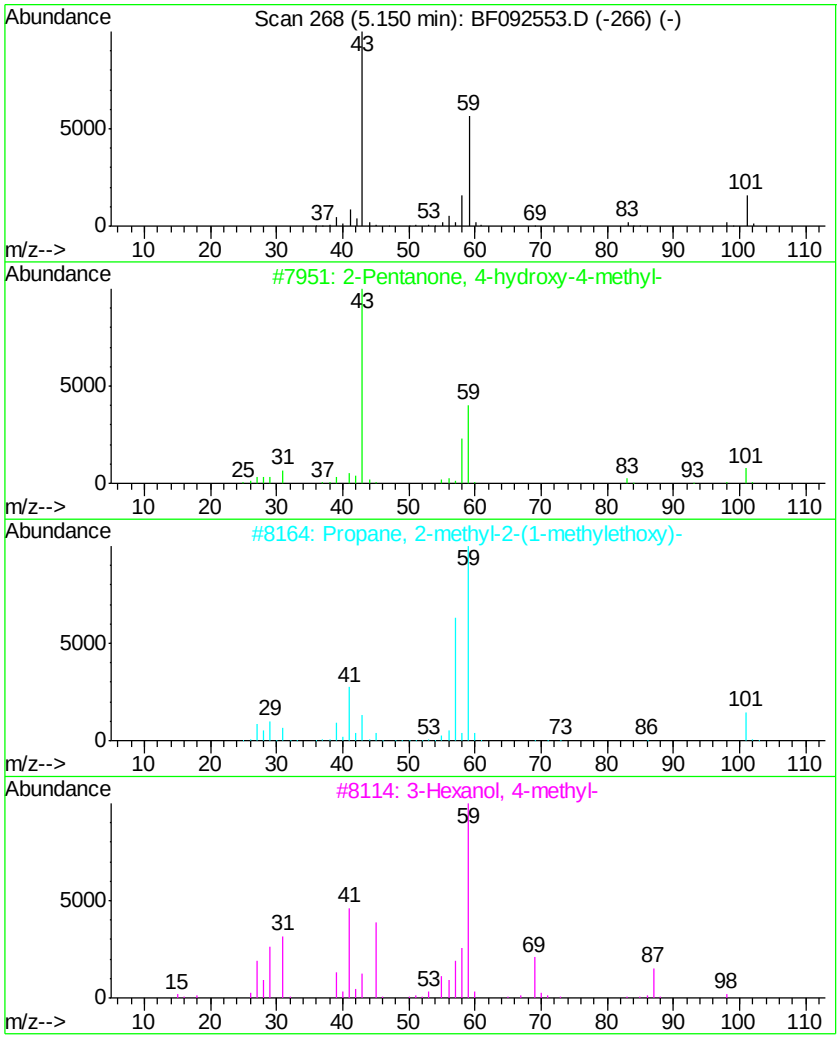
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

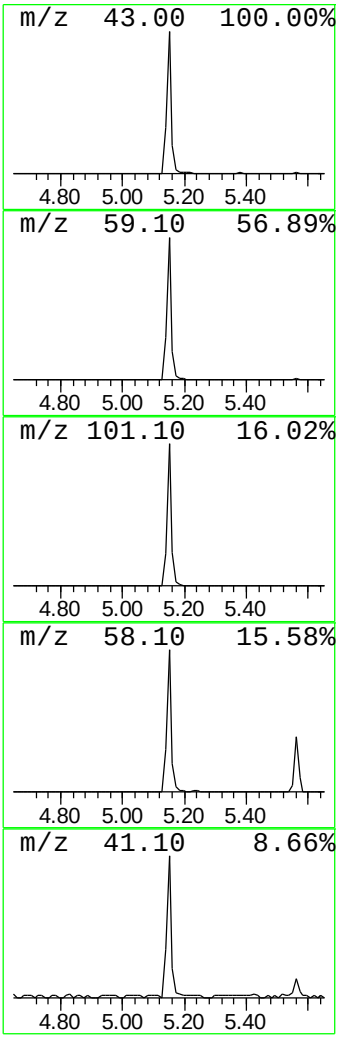
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	11.35 ng	573103	1,4-Dichlorobenzene-d4	6.97

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	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

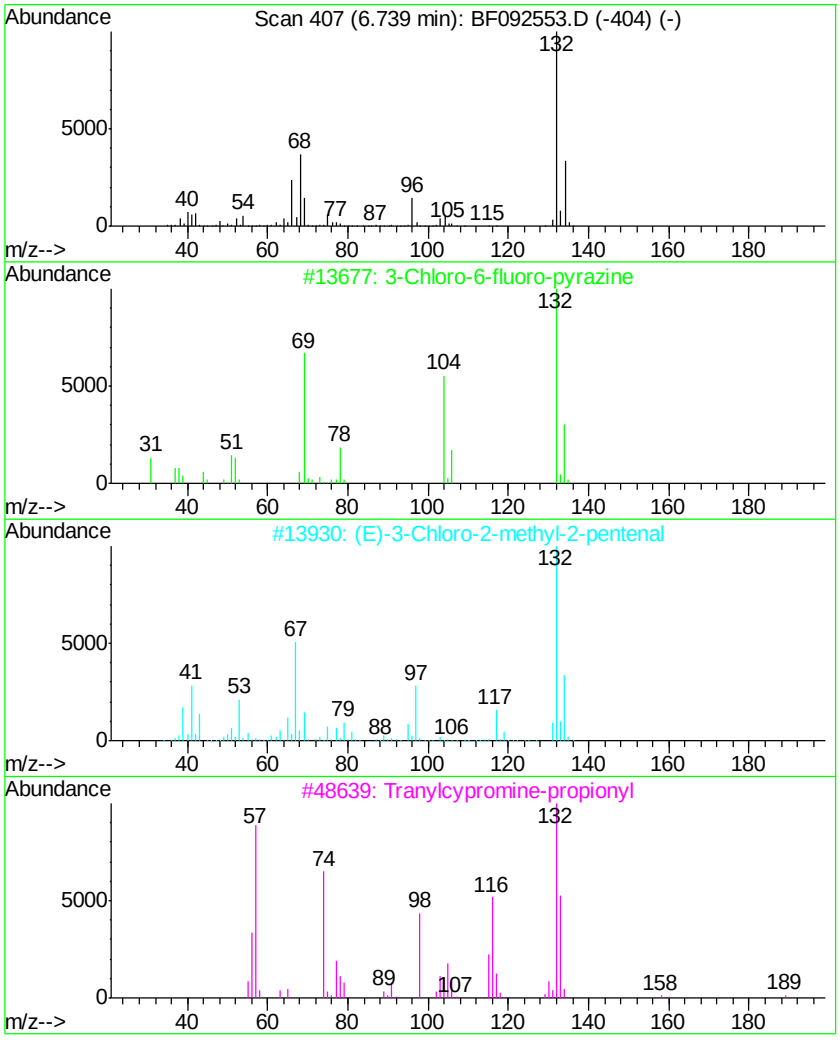
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

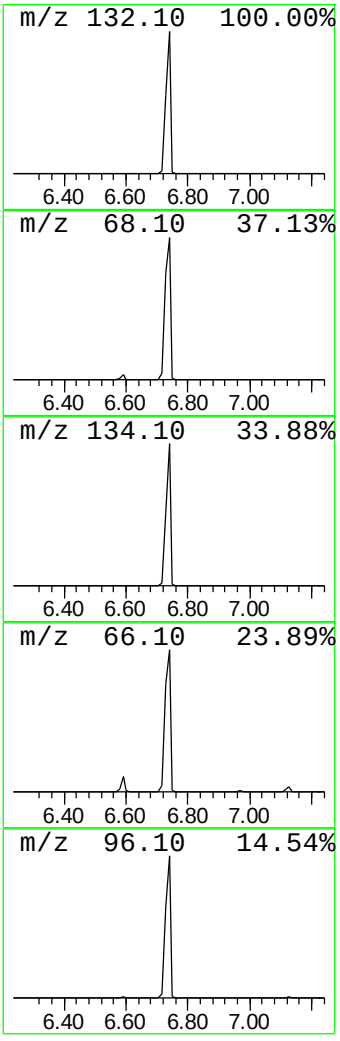
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	75.08 ng	3791190	1,4-Dichlorobenzene-d4	6.97

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

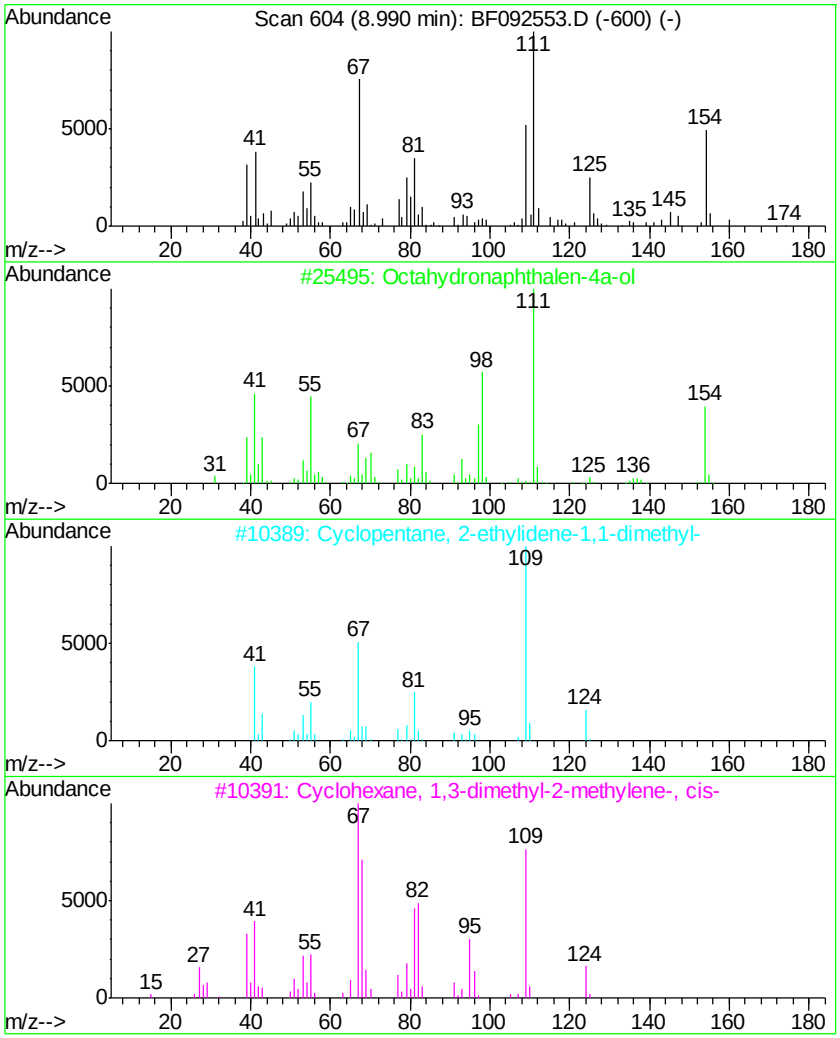
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

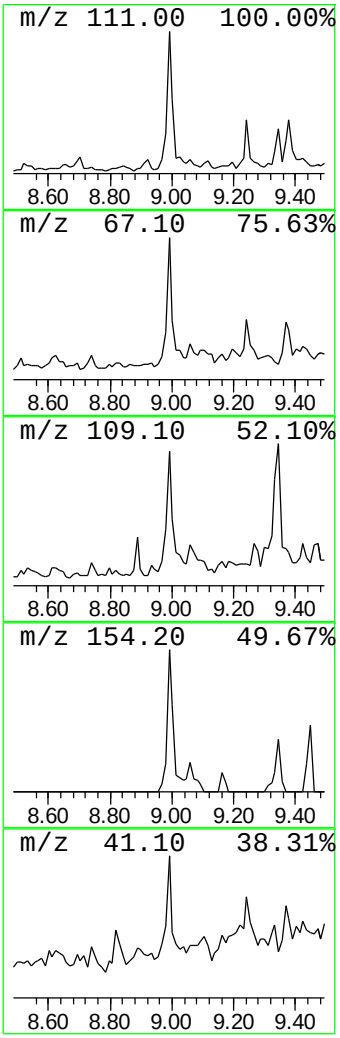
****

Peak Number 4 unknown8.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.83 ng	187716	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octahydronaphthalen-4a-ol	154	C10H18O	055693-34-0	35
2	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	27
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	27
4	Bicyclo[2.2.1]heptan-2-ol, 2-(2-...	178	C12H18O	107081-99-2	22
5	Cyclopentene, 3-(bromomethyl)-	160	C6H9Br	017645-61-3	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

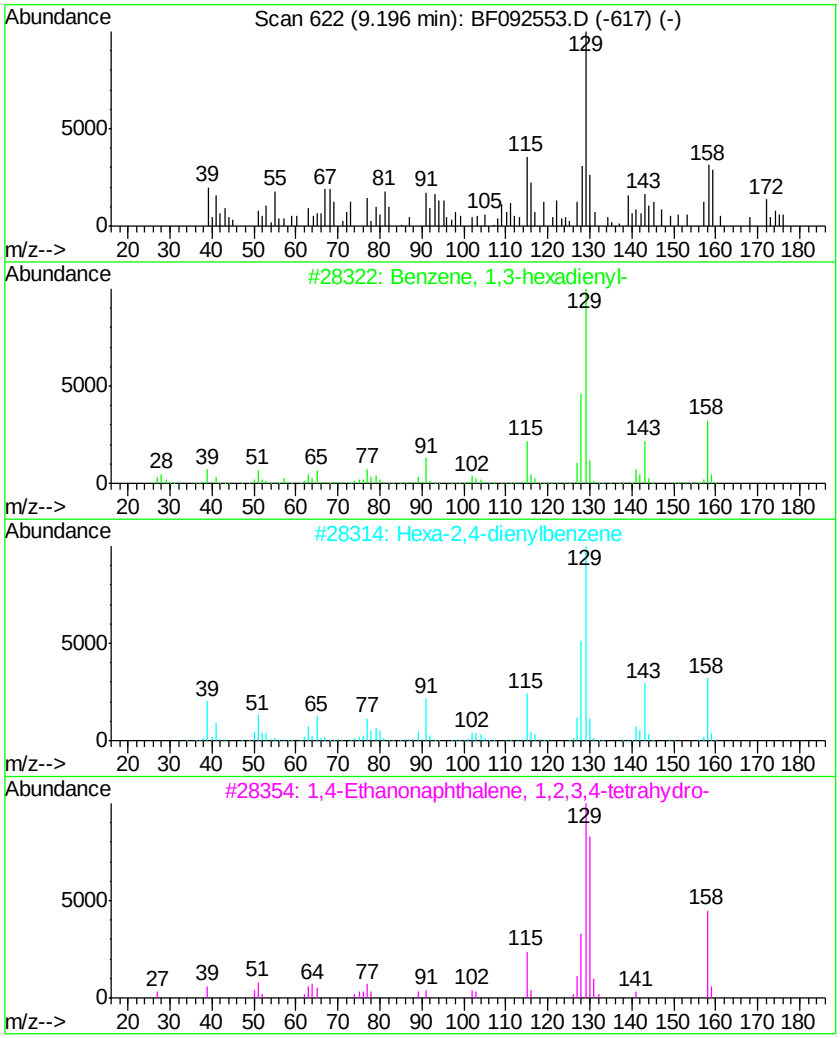
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

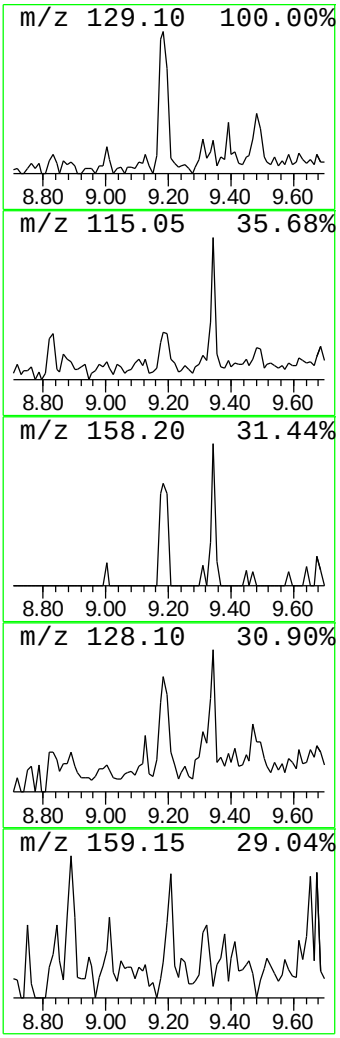
****

Peak Number 5 Benzene, 1,3-hexadienyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.02 ng	227965	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	60
2	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	46
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	46
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	46
5	1,3,4-Thiadiazol-2-amine, 5-ethyl-	129	C4H7N3S	014068-53-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

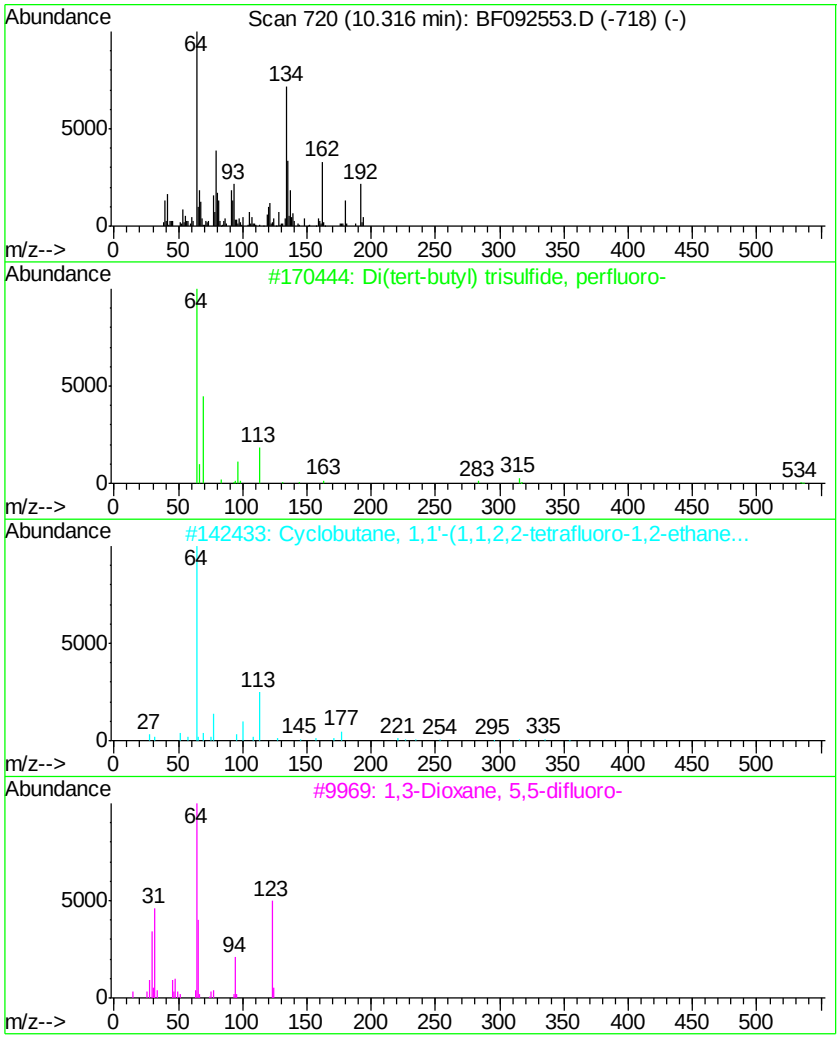
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

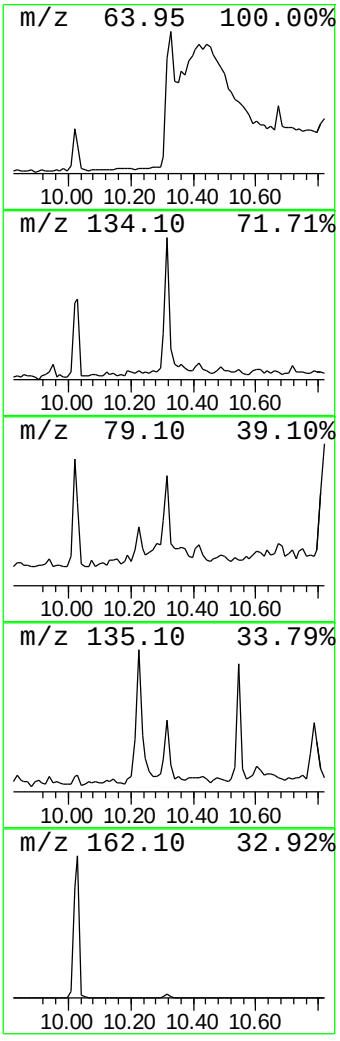
****

Peak Number 6 unknown10.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.51 ng	265379	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
2	Cyclobutane, 1,1'-(1,1,2,2-tetra...	354	C10H6F12	035207-94-4	9
3	1,3-Dioxane, 5,5-difluoro-	124	C4H6F2O2	036301-44-7	7
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	1,2,4-Triazolo[4,3-a]pyridin-3-a...	134	C6H6N4	000767-62-4	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

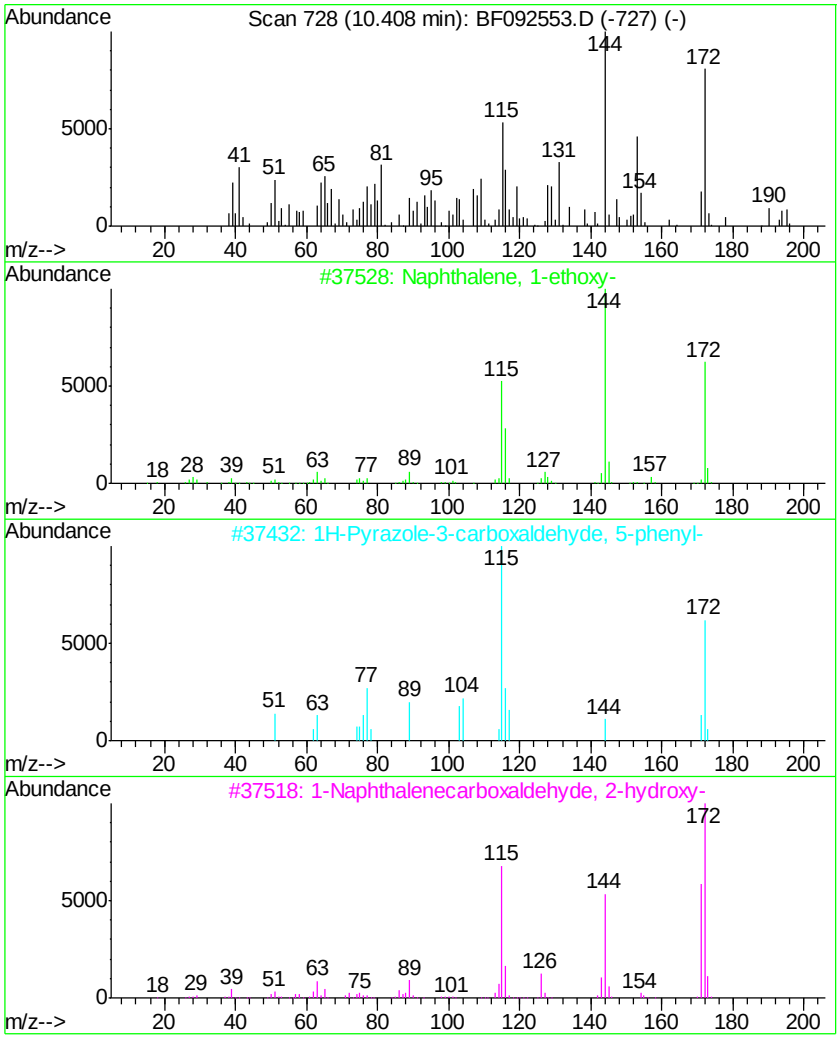
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

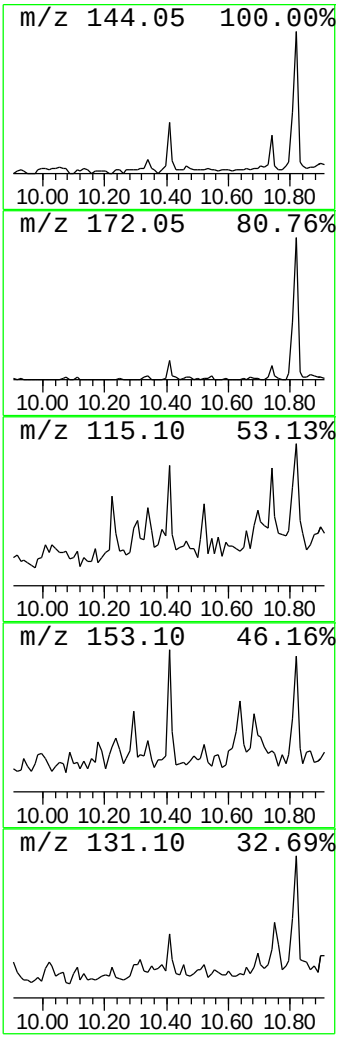
****

Peak Number 7 unknown10.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.20 ng	166249	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethoxy-	172	C12H12O	005328-01-8	47
2	1H-Pyrazole-3-carboxaldehyde, 5-...	172	C10H8N2O	057204-65-6	38
3	1-Naphthalenecarboxaldehyde, 2-h...	172	C11H8O2	000708-06-5	30
4	2-Naphthalenol	144	C10H8O	000135-19-3	25
5	1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

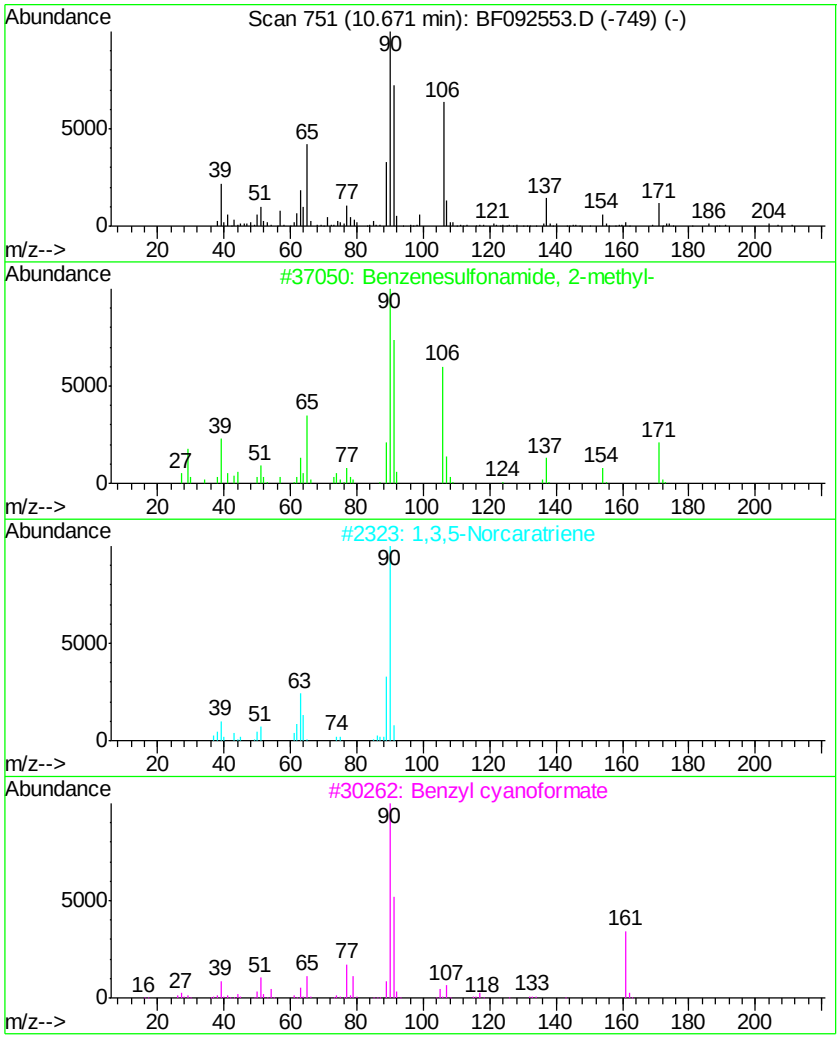
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

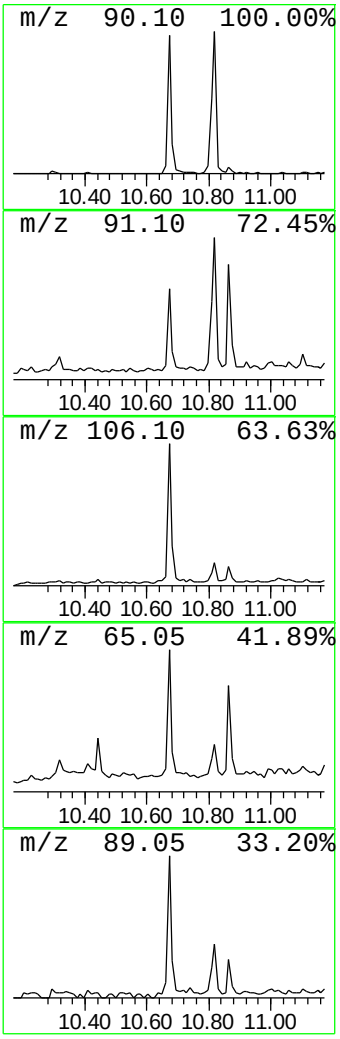
****

Peak Number 9 Benzenesulfonamide, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.80 ng	211335	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	94
2	1,3,5-Norcaratriene	90	C7H6	004646-69-9	47
3	Benzyl cyanoformate	161	C9H7NO2	005532-86-5	37
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	25
5	Benzenesulfonyl fluoride, 4-methyl-	174	C7H7FO2S	000455-16-3	20





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

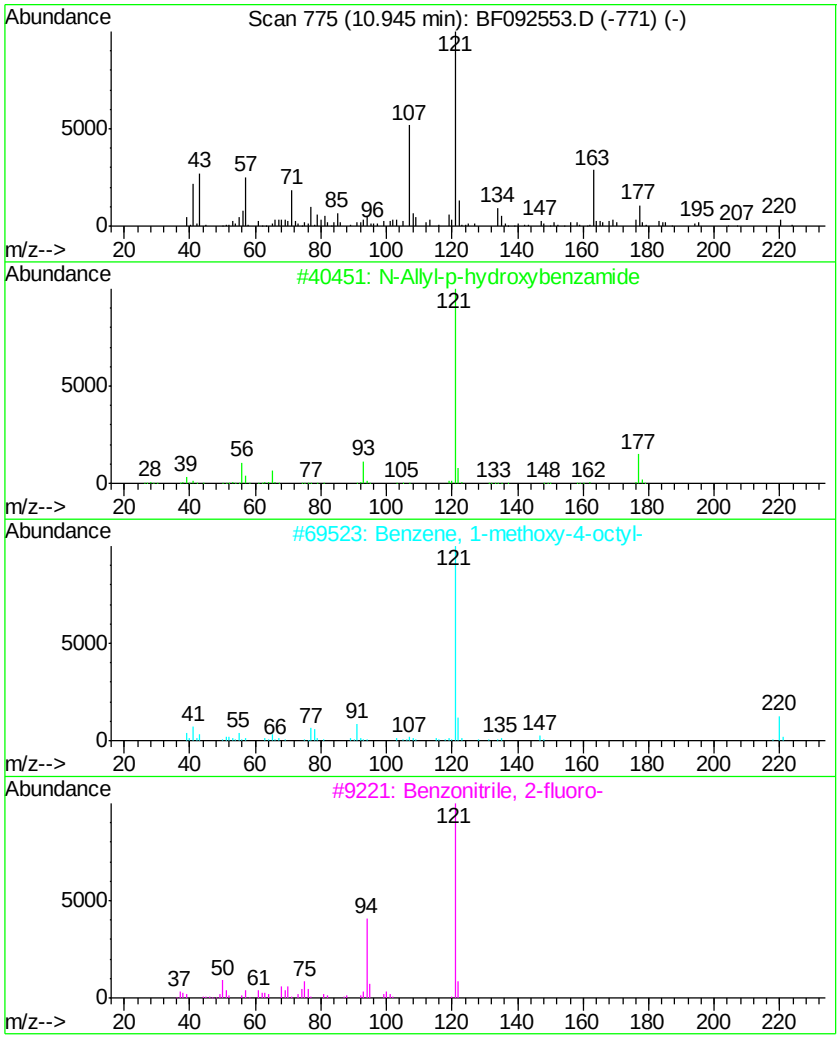
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

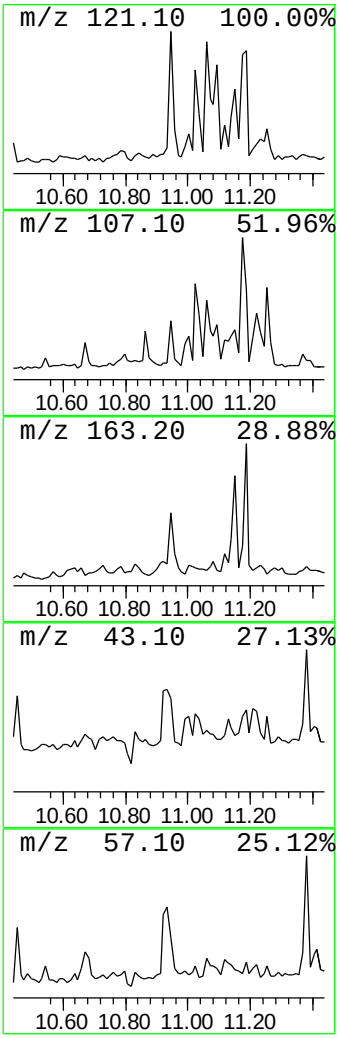
****

Peak Number 10 unknown10.94 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.65 ng	200215	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
2	Benzene, 1-methoxy-4-octyl-	220	C15H24O	067698-82-2	38
3	Benzonitrile, 2-fluoro-	121	C7H4FN	000394-47-8	38
4	Anisole, p-octyl-	220	C15H24O	003307-19-5	38
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	38





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Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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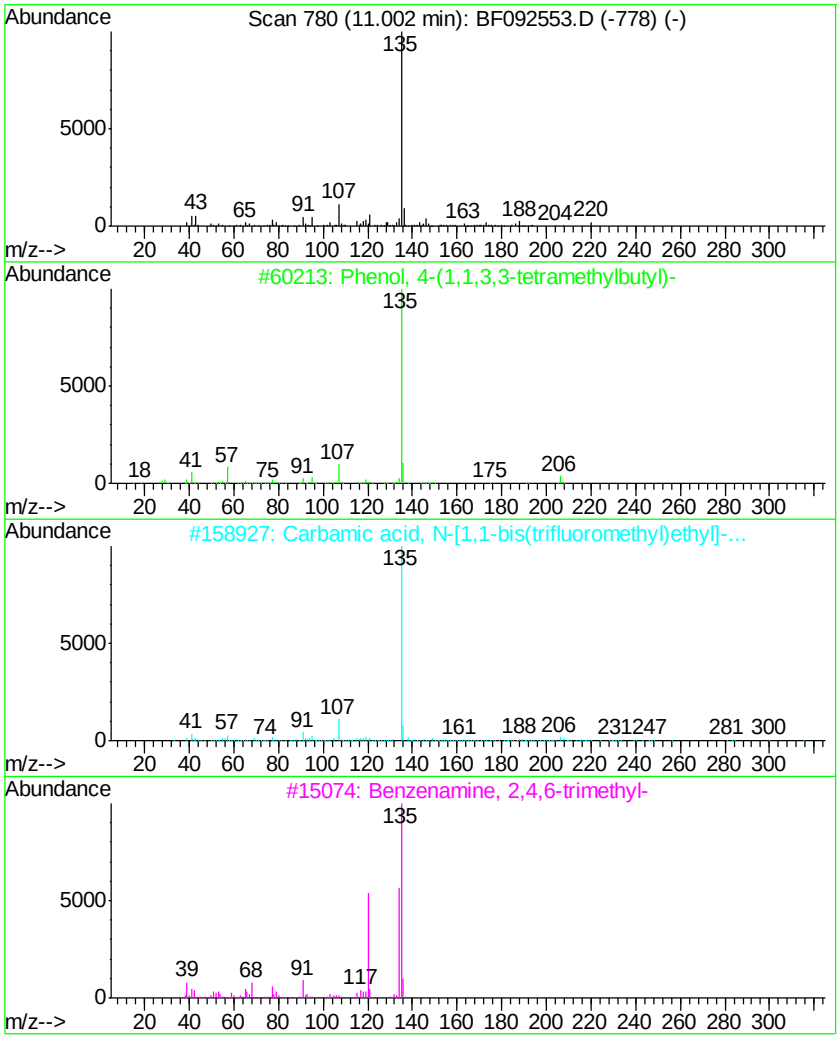
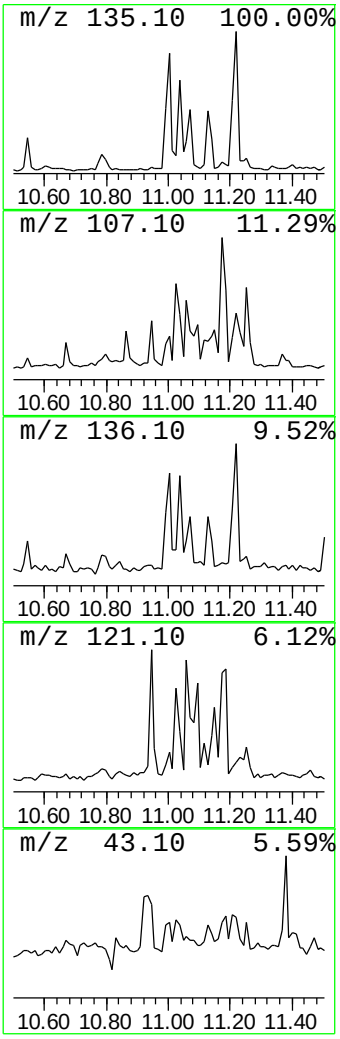
Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.05 ng	154867	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56





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Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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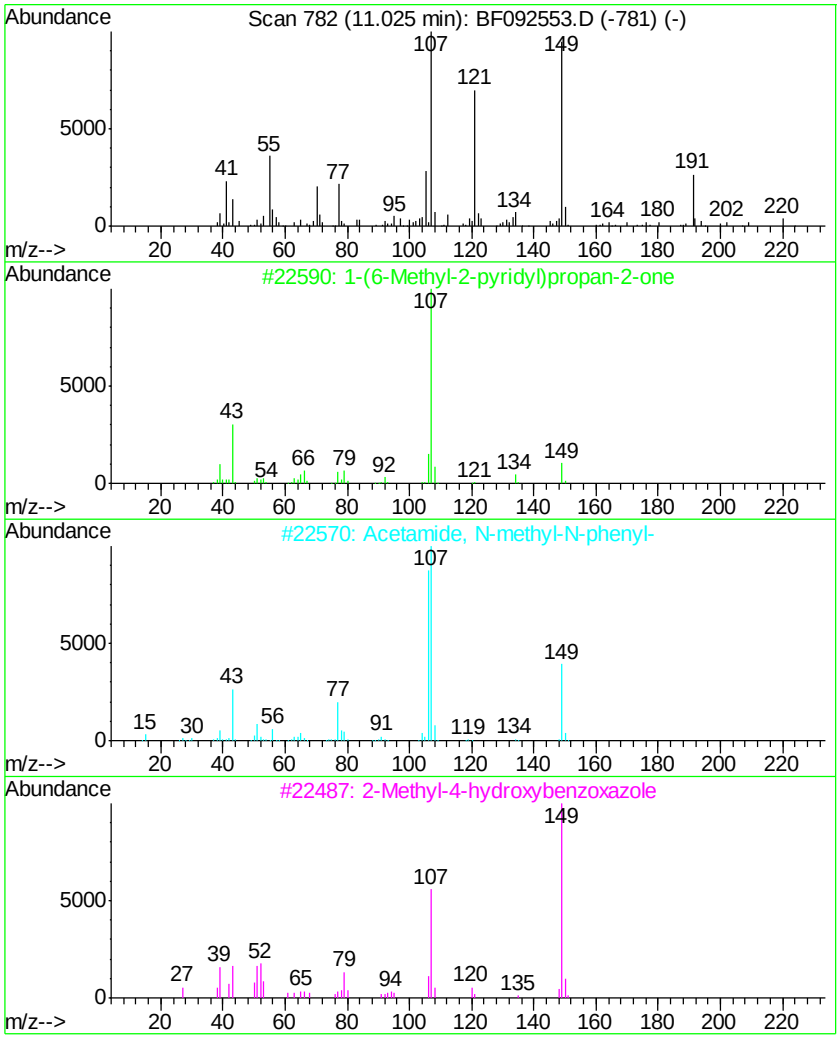
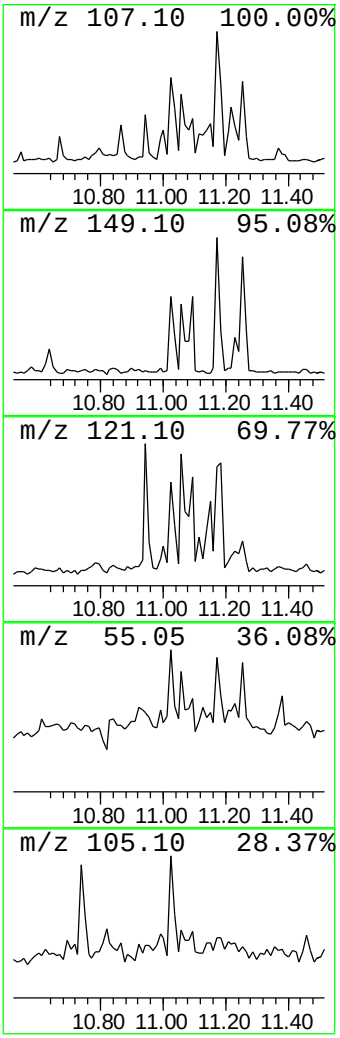
Peak Number 12 unknown11.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.09 ng	158181	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	47
2	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	43
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
4	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	38
5	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	35





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Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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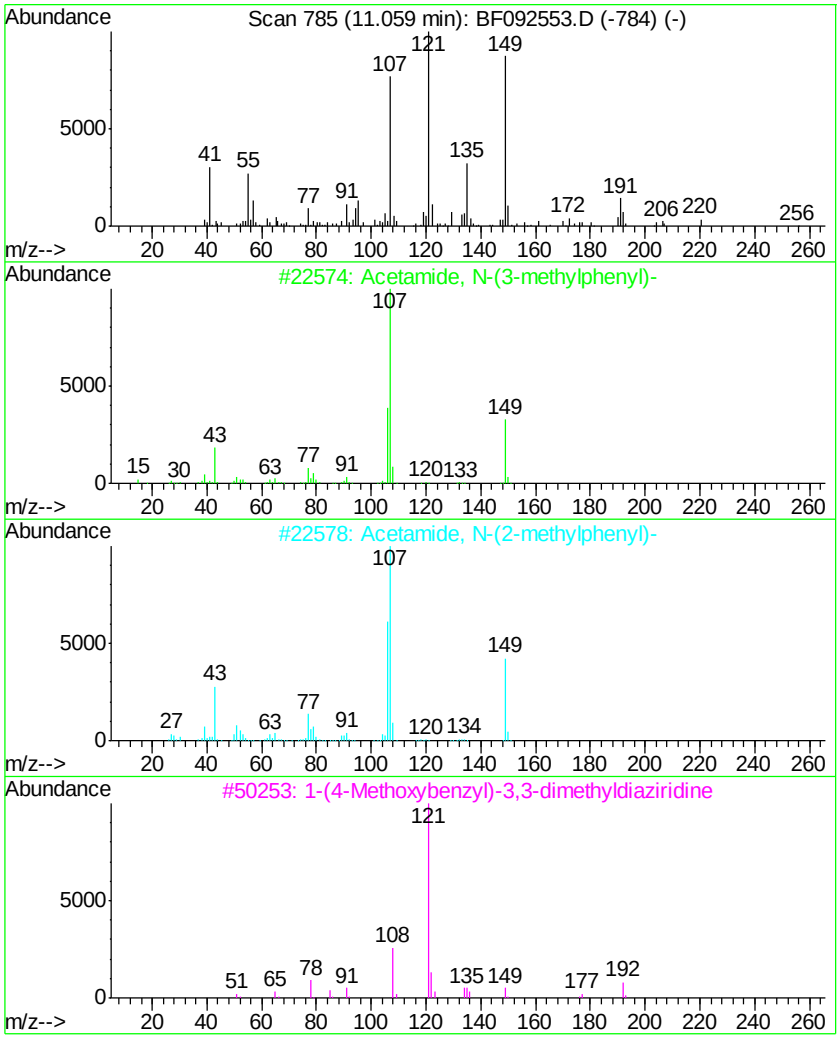
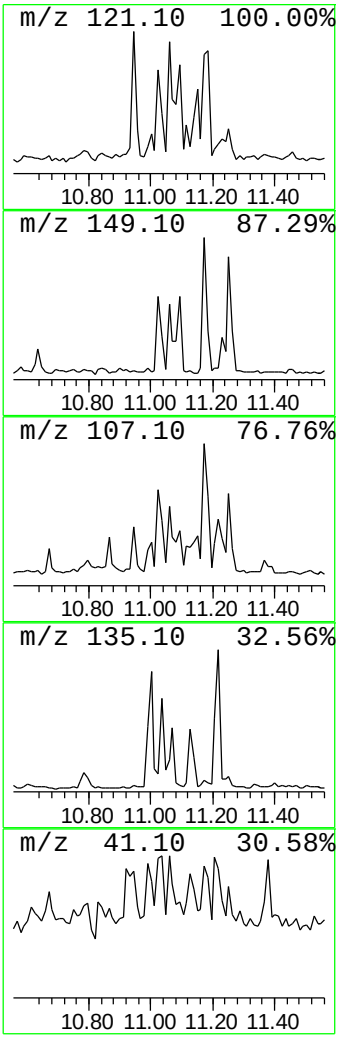
Peak Number 13 unknown11.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.38 ng	179929	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	27
3	1-(4-Methoxybenzyl)-3,3-dimethyl...	192	C11H16N2O	022184-66-3	25
4	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	22
5	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	22





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Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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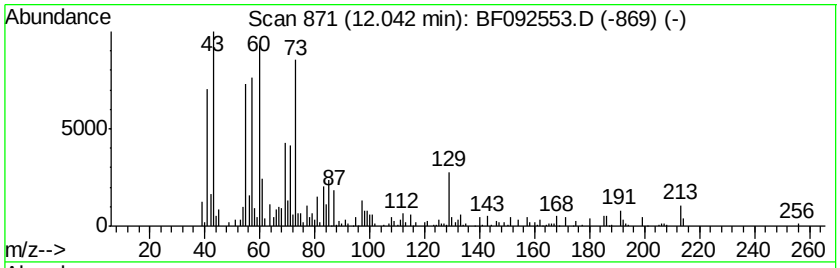
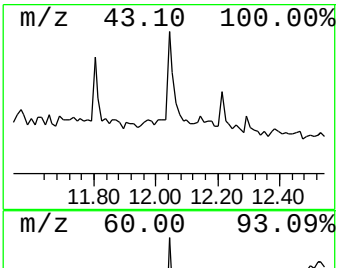
Peak Number 16 Tridecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.27 ng	171668	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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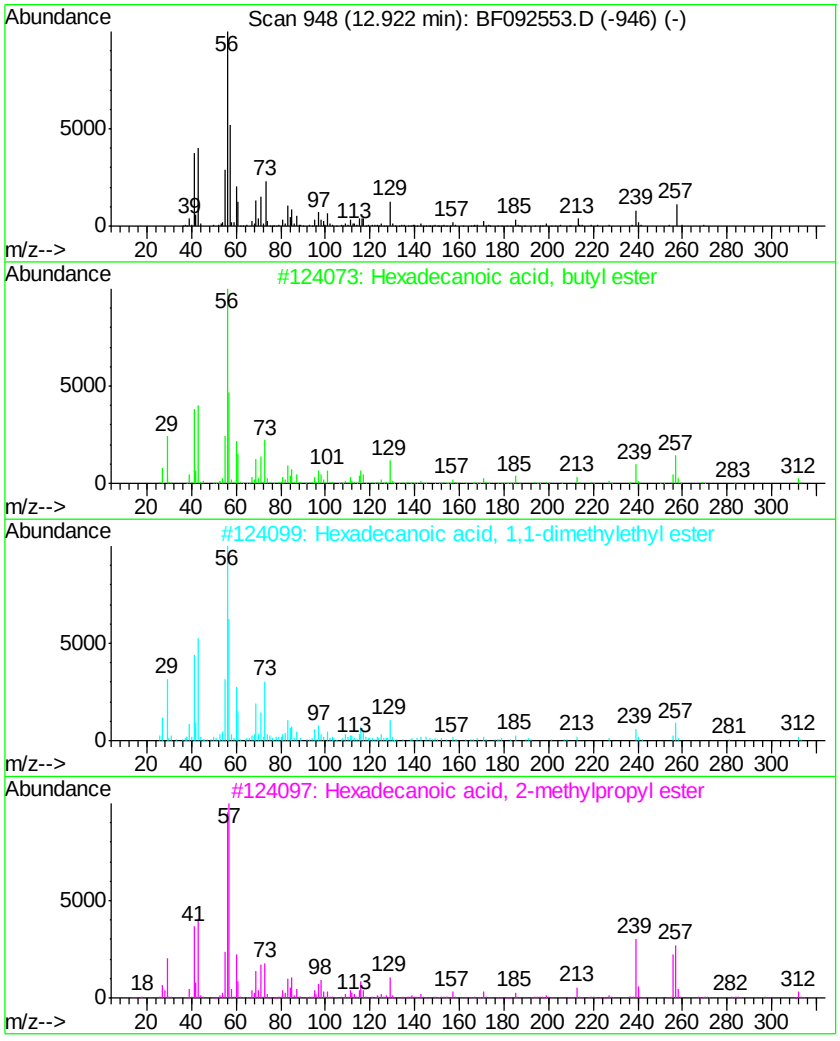
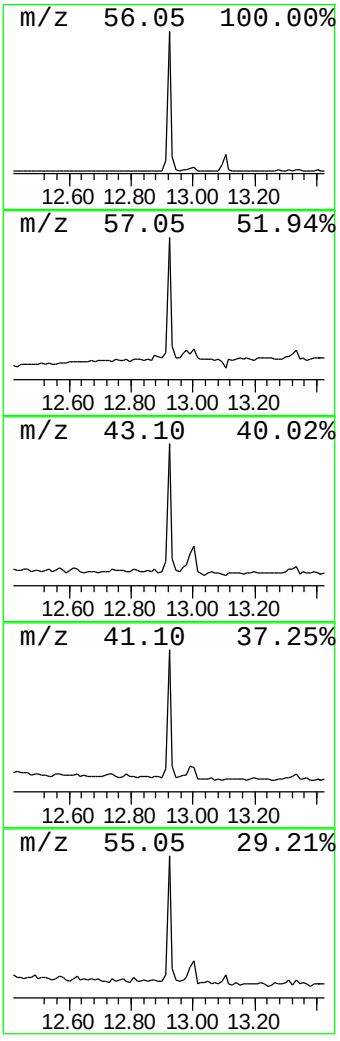
Peak Number 17 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	5.15 ng	321846	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	50
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43





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Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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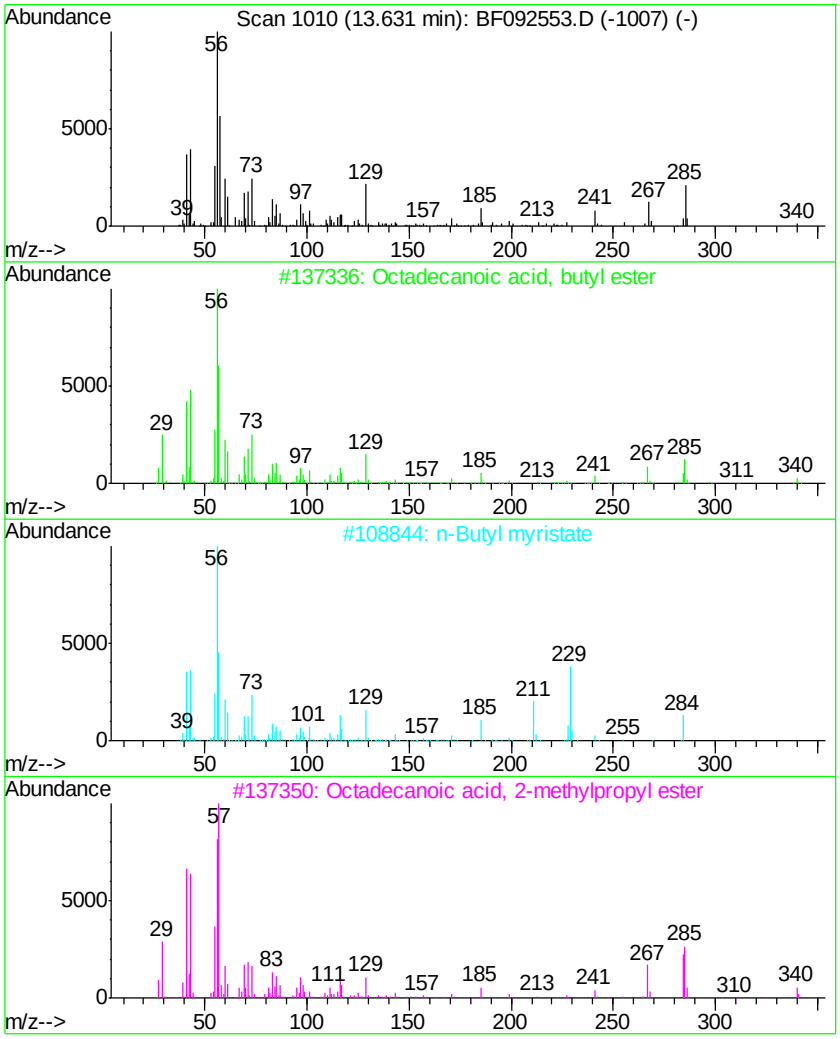
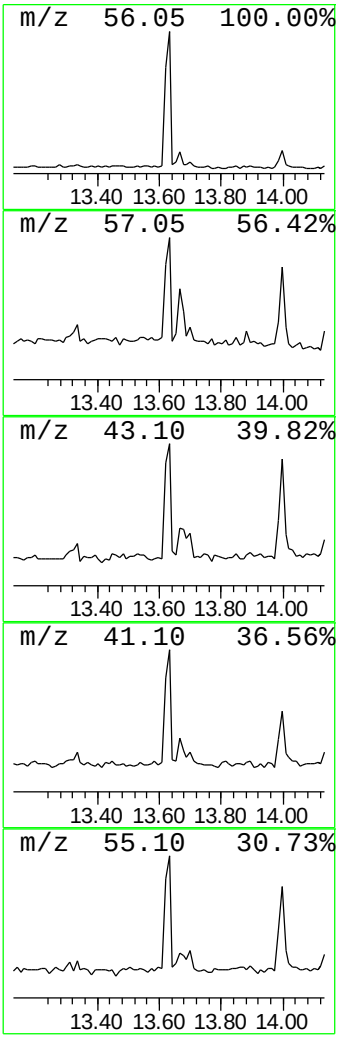
Peak Number 18 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.91 ng	244383	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





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Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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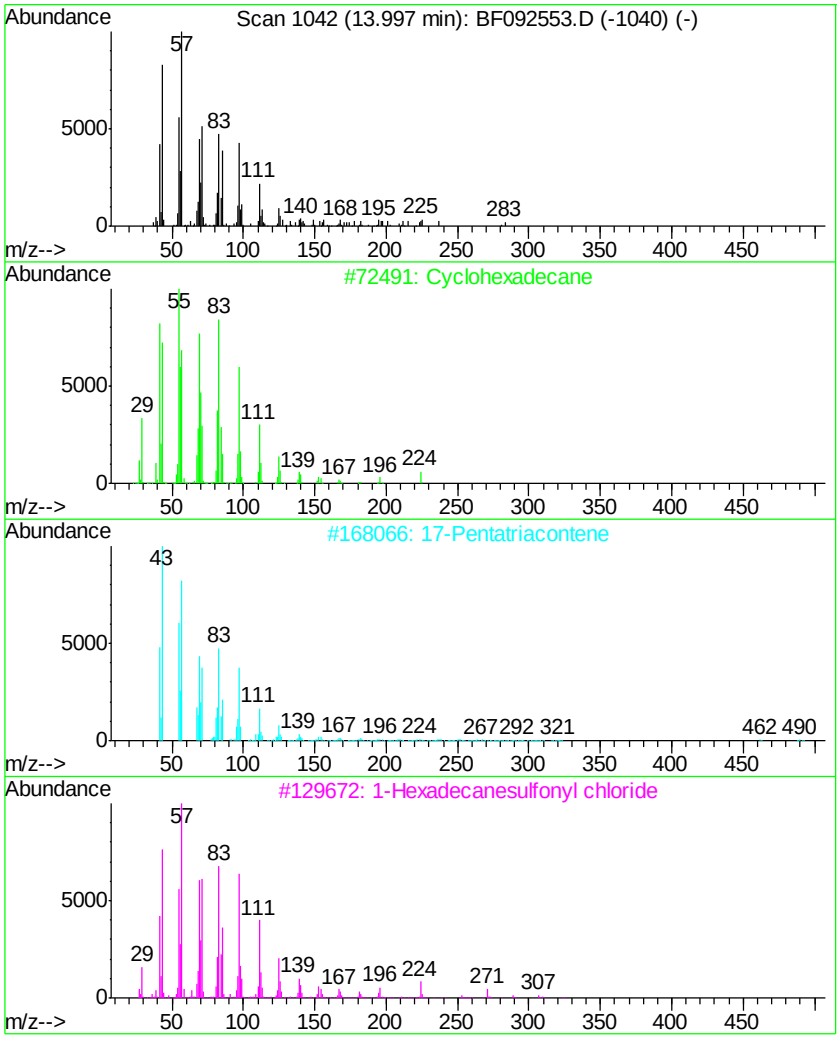
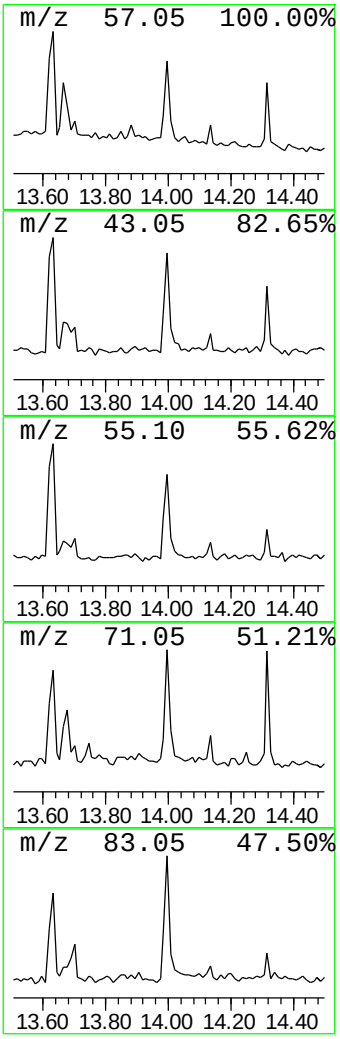
Peak Number 19 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.58 ng	223665	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	86
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	83
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	72





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Data File : BF092553.D
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Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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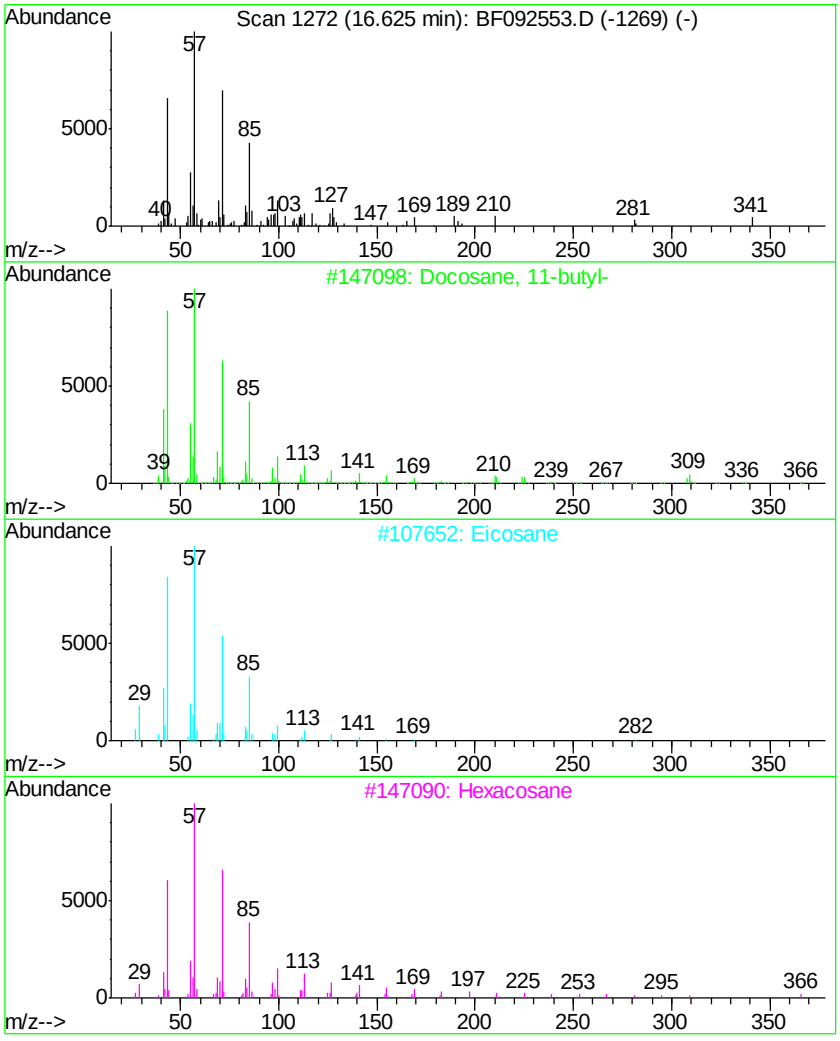
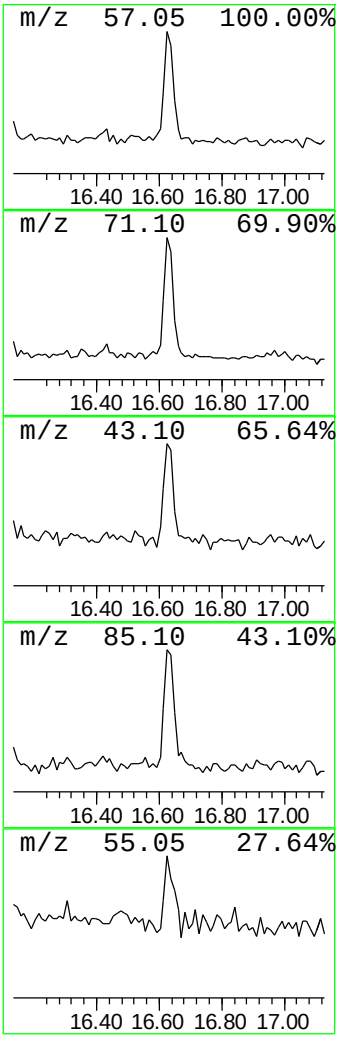
Peak Number 20 Docosane, 11-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.27 ng	113234	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexacosane	366	C26H54	000630-01-3	83
4	Hexatriacontane	507	C36H74	000630-06-8	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092553.D
Acq On : 27 Jan 2017 4:15
Operator : SJ/MA
Sample : I1452-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.15	11.4	ng	573103	1	6.97	1009940	20.0
unknown6.74	6.74	75.1	ng	3791190	1	6.97	1009940	20.0
unknown8.99	8.99	2.8	ng	187716	2	8.26	1325130	20.0
Benzene, 1,3-hexa...	9.20	3.0	ng	227965	3	10.03	1511700	20.0
unknown10.32	10.32	3.5	ng	265379	3	10.03	1511700	20.0
unknown10.41	10.41	2.2	ng	166249	3	10.03	1511700	20.0
Benzenesulfonamid...	10.67	2.8	ng	211335	3	10.03	1511700	20.0
unknown10.94	10.94	2.6	ng	200215	4	11.52	1511720	20.0
Phenol, 4-(1,1,3,...	11.00	2.0	ng	154867	4	11.52	1511720	20.0
unknown11.02	11.02	2.1	ng	158181	4	11.52	1511720	20.0
unknown11.06	11.06	2.4	ng	179929	4	11.52	1511720	20.0
Tridecanoic acid	12.04	2.3	ng	171668	4	11.52	1511720	20.0
Hexadecanoic acid...	12.92	5.2	ng	321846	5	14.16	1250940	20.0
Octadecanoic acid...	13.63	3.9	ng	244383	5	14.16	1250940	20.0
Cyclohexadecane	14.00	3.6	ng	223665	5	14.16	1250940	20.0
Docosane, 11-butyl-	16.63	2.3	ng	113234	6	15.63	996395	20.0