LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077978.D
Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

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-BF031115.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	1.378	38	43	46	rVB	218701	397054	24.16%	2.885%
2	1.527	54	56	59	rBV	230296	308733	18.78%	2.243%
3	1.744	73	75	83	rBV	50413	77982	4.74%	0.567%
4	4.841	344	346	352	rBV	35811	53123	3.23%	0.386%
5	5.379	390	393	396	rBV	345215	373817	22.74%	2.716%
6	6.670	504	506	516	rVB	219079	231893	14.11%	1.685%
7	6.807	516	518	520	rBV	906287	847588	51.57%	6.158%
8	7.036	533	538	540	rBV2	12661	17578	1.07%	0.128%
9	7.093	540	543	545	rBV	322210	286810	17.45%	2.084%
10	7.196	550	552	555	rBV	47158	51947	3.16%	0.377%
11	7.276	557	559	562	rBV	838160	856007	52.08%	6.219%
12	7.413	569	571	573	rBV	28972	23770	1.45%	0.173%
13	7.505	577	579	583	rVB2	9190	20843	1.27%	0.151%
14	7.630	588	590	593	rBV2	71545	98117	5.97%	0.713%
15	7.756	599	601	602	rBV	51906	44633	2.72%	0.324%
16	7.790	602	604	606	rVB	747097	653886	39.78%	4.751%
17	8.110	631	632	637	rVB	8441	17018	1.04%	0.124%
18	8.270	643	646	647	rBV2	8806	16975	1.03%	0.123%
19	8.350	651	653	655	rVB	49621	44186	2.69%	0.321%
20	8.670	679	681	683	rBV	503359	438605	26.69%	3.187%
21	8.739	685	687	690	rVB	41962	44038	2.68%	0.320%
22	8.922	700	703	705	rBV	32951	34732	2.11%	0.252%
23	8.979	706	708	710	rVB	28377	24783	1.51%	0.180%
24	9.025	710	712	714	rBV	21611	20501	1.25%	0.149%
25	9.162	720	724	725	rBV	18147	23528	1.43%	0.171%
26	9.253	725	732	734	rVB3	13175	28155	1.71%	0.205%
27	9.493	750	753	755	rVB3	84022	105036	6.39%	0.763%
28	9.596	760	762	767	rBV2	32491	56398	3.43%	0.410%
29	9.699	770	771	774	rBV2	23658	27171	1.65%	0.197%
30	10.019	797	799	801	rBV	1640085	1465172	89.15%	10.645%
31	10.156	807	811	813	rBV2	13389	22499	1.37%	0.163%
32	10.202	813	815	816	rBV	20562	20435	1.24%	0.148%
33	10.453	835	837	841	rVB	26754	34796	2.12%	0.253%
34	10.522	841	843	846	rBV3	11841	30704	1.87%	0.223%

LSC Area Percent Report

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Instrument : BNA_F
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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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.579	846	848	850	rVB3	11727	22633	1.38%	0.164%
36	10.739	860	862	864	rBV3	15523	19997	1.22%	0.145%
37	10.842	869	871	873	rVB	413855	494066	30.06%	3.590%
38	11.059	888	890	892	rBV2	19356	29078	1.77%	0.211%
39	11.162	897	899	901	rVV	32590	57808	3.52%	0.420%
40	11.242	904	906	909	rVV2	21316	41605	2.53%	0.302%
41	11.322	911	913	916	rVV	19829	32751	1.99%	0.238%
42	11.379	916	918	921	rVV4	11059	20949	1.27%	0.152%
43	11.425	921	922	924	rVV	14401	24428	1.49%	0.177%
44	11.471	924	926	928	rVV	20180	29705	1.81%	0.216%
45	11.516	928	930	932	rVB	19629	17720	1.08%	0.129%
46	11.642	938	941	943	rVB2	13597	21509	1.31%	0.156%
47	11.711	943	947	950	rBV2	12367	23837	1.45%	0.173%
48	11.814	954	956	959	rBV	830553	865750	52.67%	6.290%
49	12.019	972	974	977	rBV	72657	83692	5.09%	0.608%
50	12.076	977	979	981	rVV	116852	142279	8.66%	1.034%
51	12.122	981	983	985	rVV2	107774	151216	9.20%	1.099%
52	12.168	985	987	988	rVV2	81145	135824	8.26%	0.987%
53	12.191	988	989	991	rVV	88087	86526	5.26%	0.629%
54	12.236	991	993	997	rVV3	51898	131928	8.03%	0.959%
55	12.305	997	999	1001	rVV2	87131	149445	9.09%	1.086%
56	12.351	1001	1003	1005	rVV	162372	184450	11.22%	1.340%
57	12.396	1005	1007	1012	rVB	82451	103906	6.32%	0.755%
58	12.579	1021	1023	1025	rBV	14643	21453	1.31%	0.156%
59	12.671	1029	1031	1034	rVV	495840	513040	31.21%	3.728%
60	12.922	1051	1053	1056	rVB	134370	141589	8.61%	1.029%
61	13.437	1096	1098	1099	rVV	29979	30354	1.85%	0.221%
62	13.517	1102	1105	1107	rVV2	10106	22000	1.34%	0.160%
63	13.654	1112	1117	1118	rBV4	15162	39908	2.43%	0.290%
64	13.791	1125	1129	1130	rBV2	19488	35278	2.15%	0.256%
65	14.259	1167	1170	1173	rVB	117002	186521	11.35%	1.355%
66	14.671	1203	1206	1209	rVB	1644797	1643581	100.00%	11.942%
67	14.991	1232	1234	1238	rVB3	9832	23928	1.46%	0.174%
68	15.322	1261	1263	1265	rVB	96271	100030	6.09%	0.727%
69	15.780	1299	1303	1305	rBV2	13007	26560	1.62%	0.193%
70	15.848	1307	1309	1316	rVB	59176	92904	5.65%	0.675%
71	15.951	1316	1318	1321	rBV	550374	583551	35.50%	4.240%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.660	1377	1380	1386	rBV5	12248	35491	2.16%	0.258%
73	17.128	1419	1421	1424	rBV	26171	35710	2.17%	0.259%
74	17.688	1467	1470	1473	rBV	488891	562057	34.20%	4.084%

Sum of corrected areas: 13763570

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077978.D
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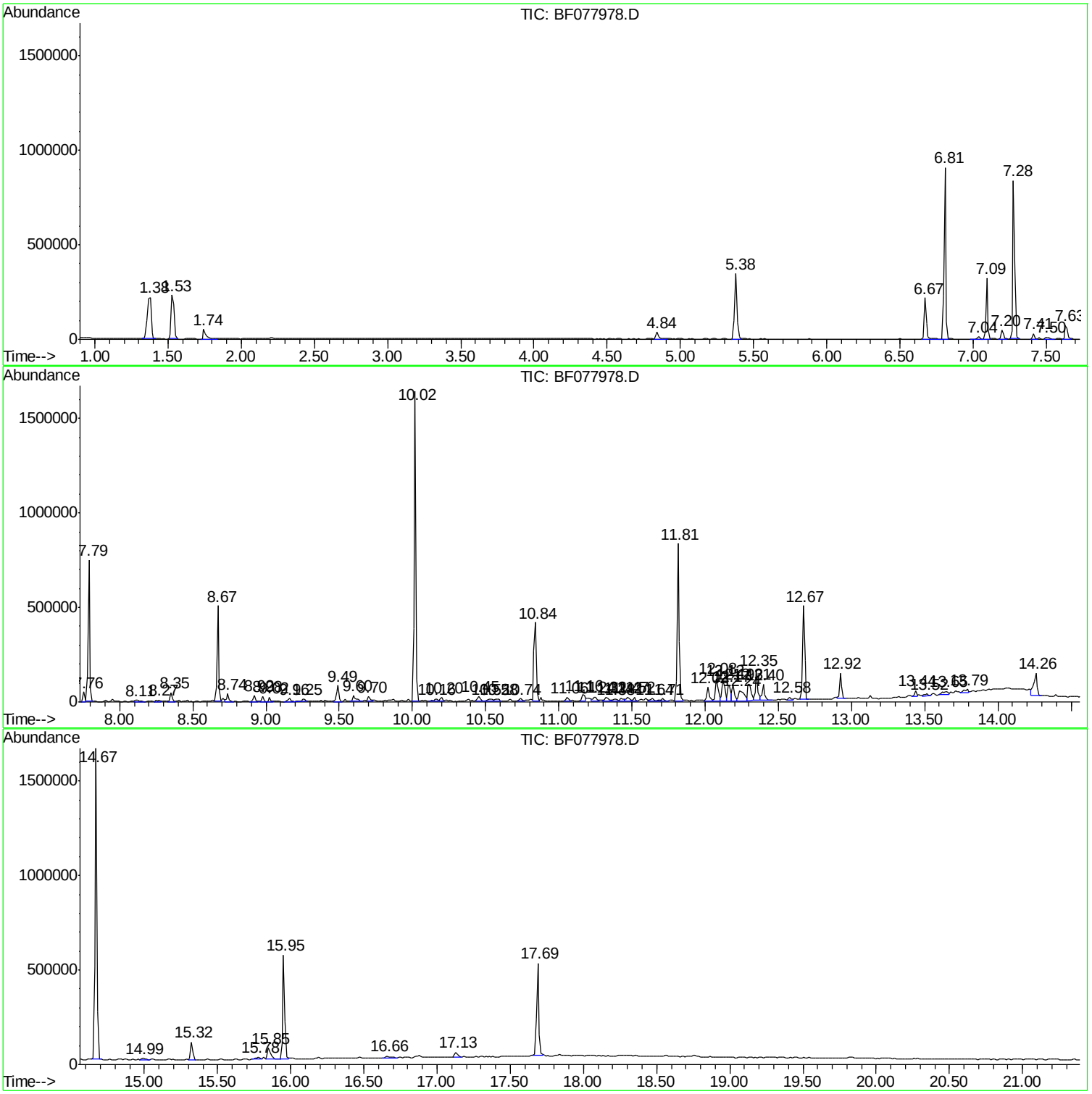
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF032515\
Data File : BF077978.D
Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

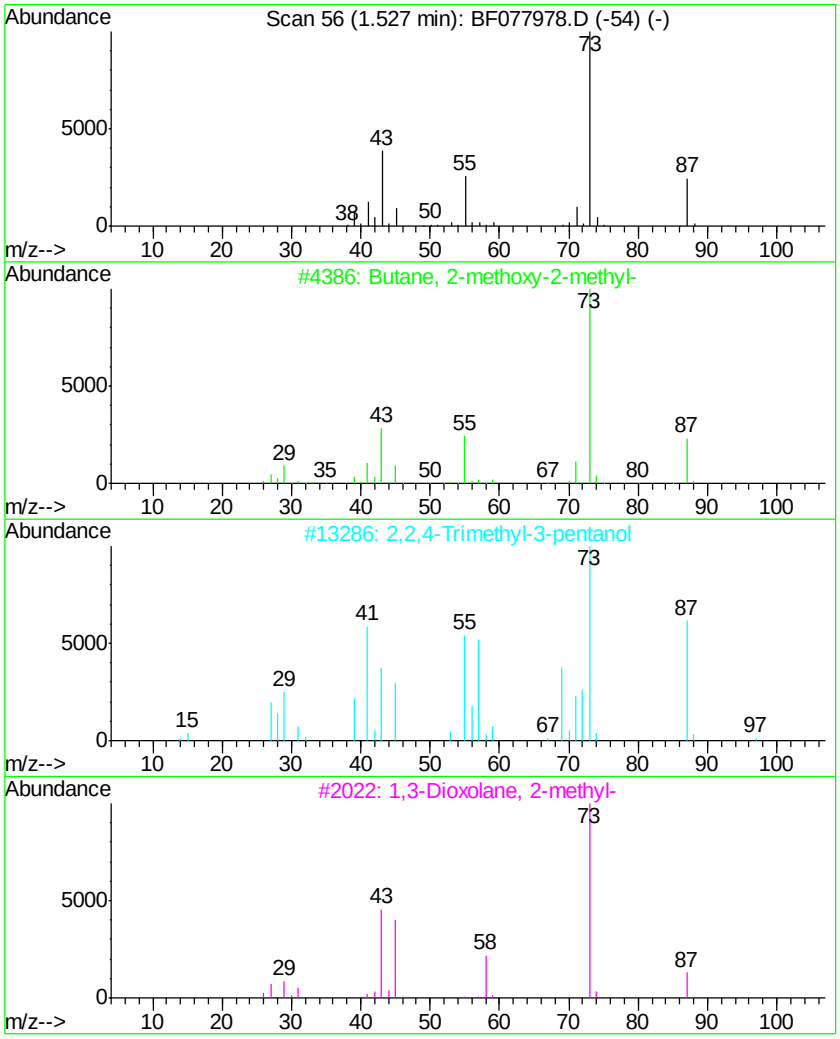
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

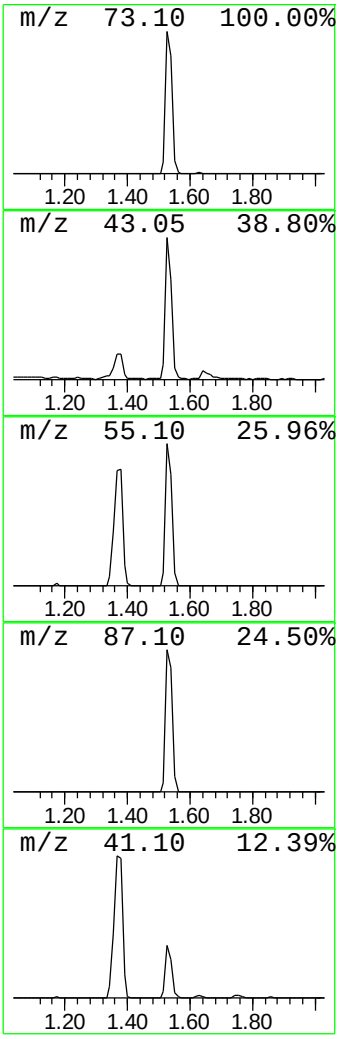
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.53	21.53 ng	308733	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077978.D
Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

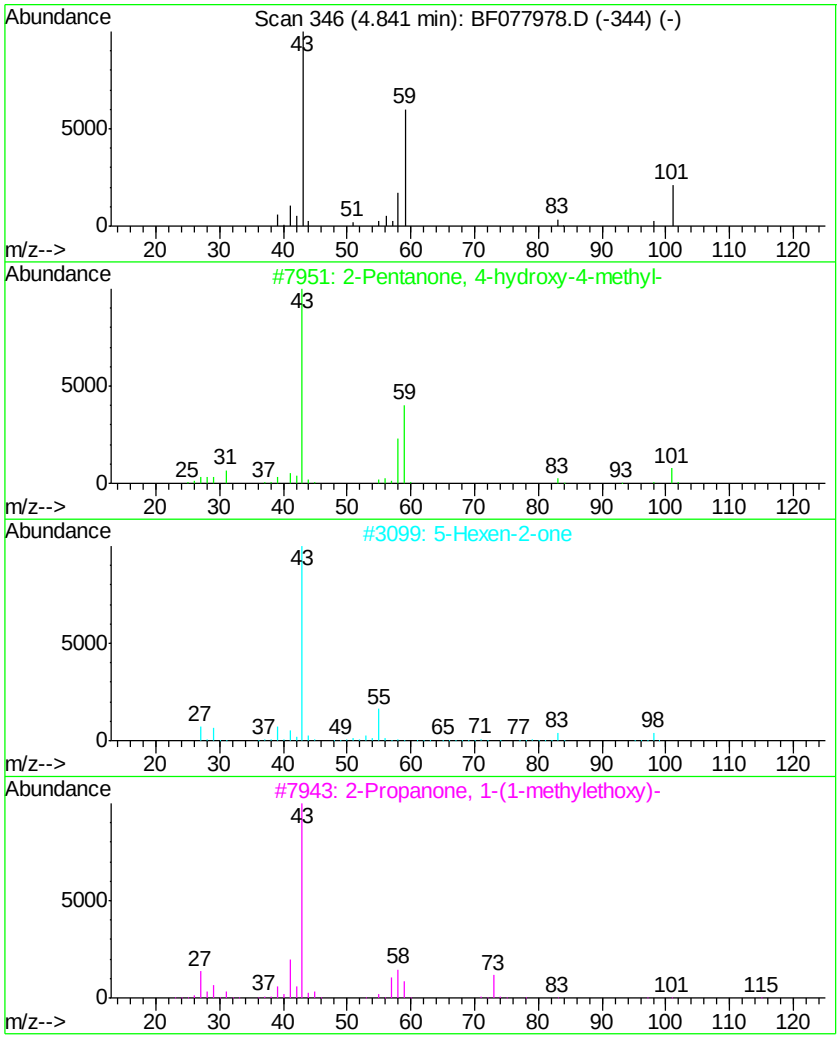
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

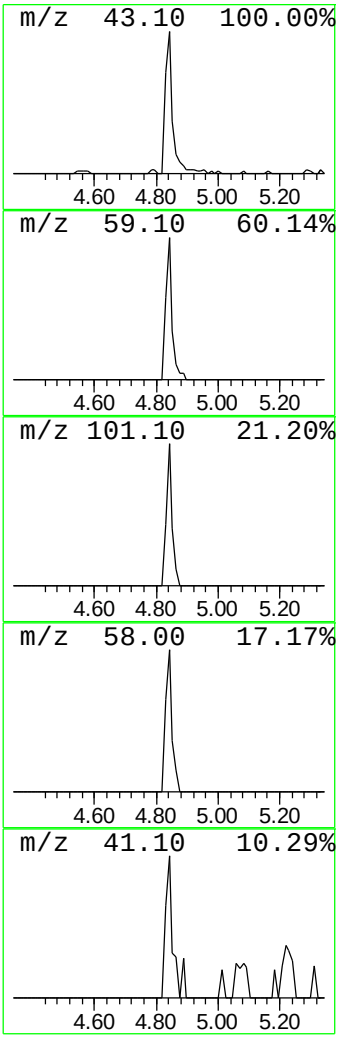
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.70 ng	53123	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Guanidine	59	CH5N3	000113-00-8	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077978.D
Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

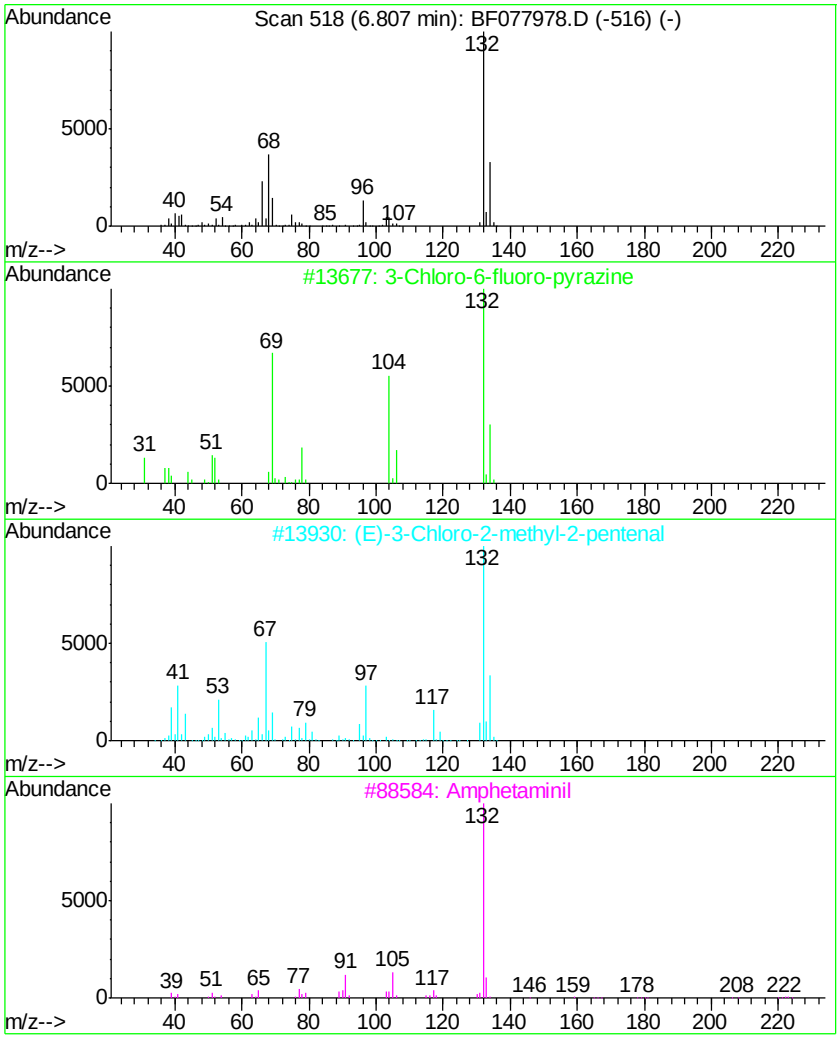
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

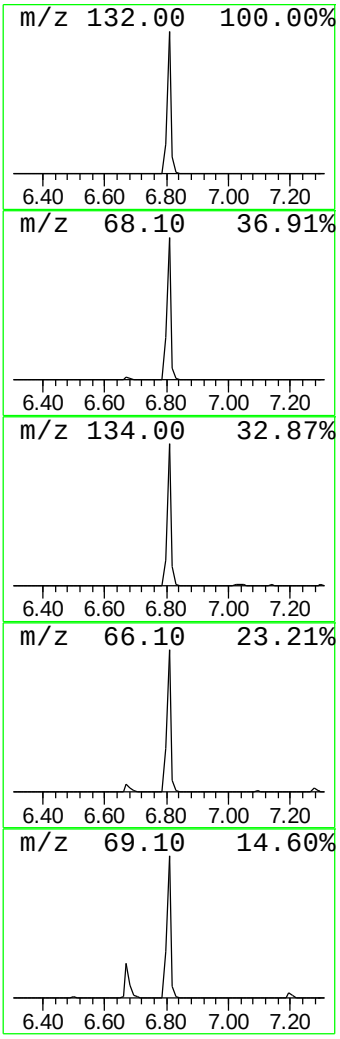
****

Peak Number 5 unknown6.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	59.10 ng	847588	1,4-Dichlorobenzene-d4	7.09

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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

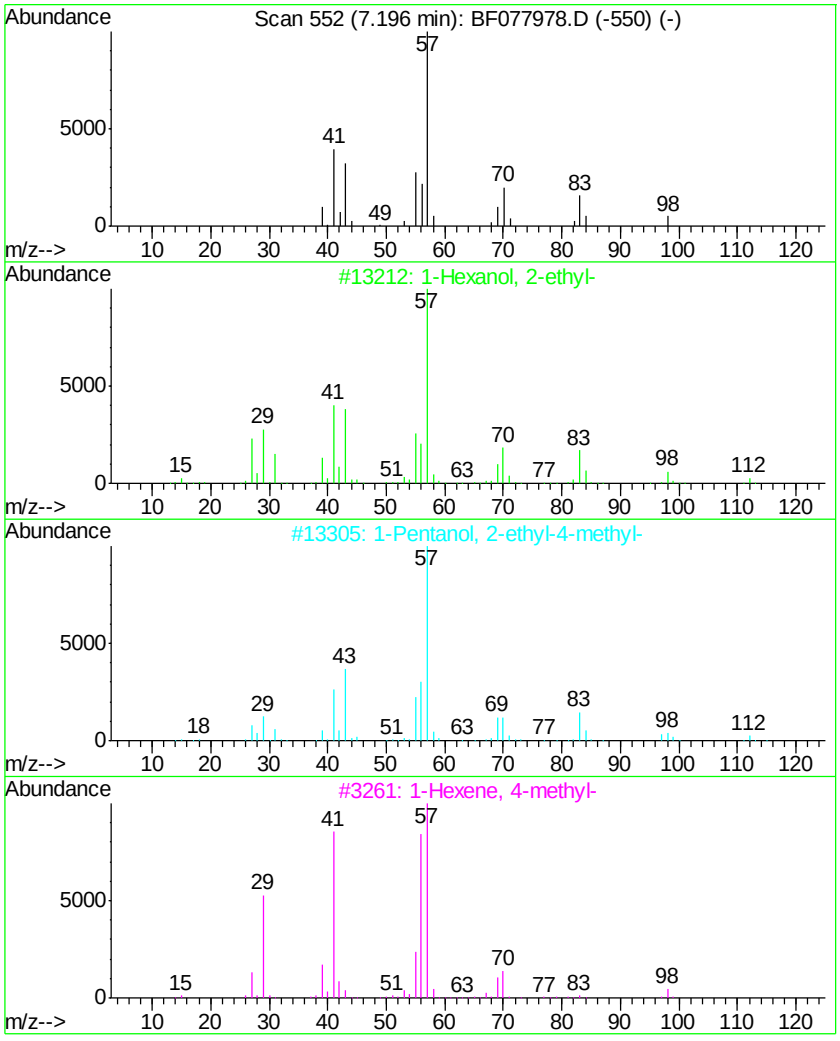
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

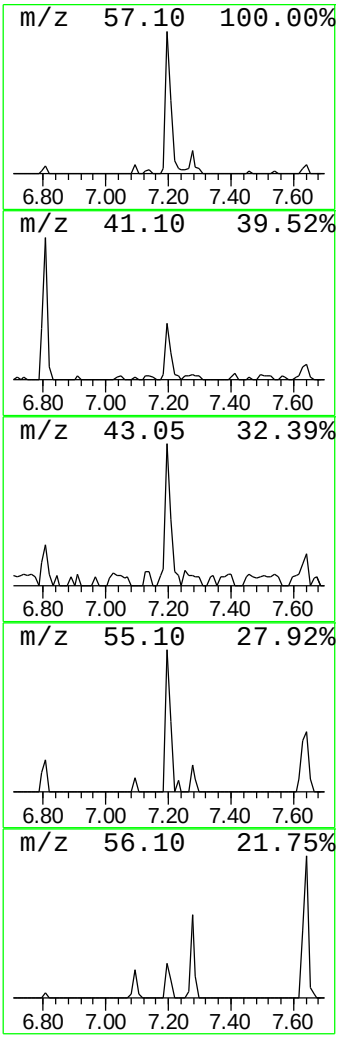
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	3.62 ng	51947	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	45
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	40
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	36





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

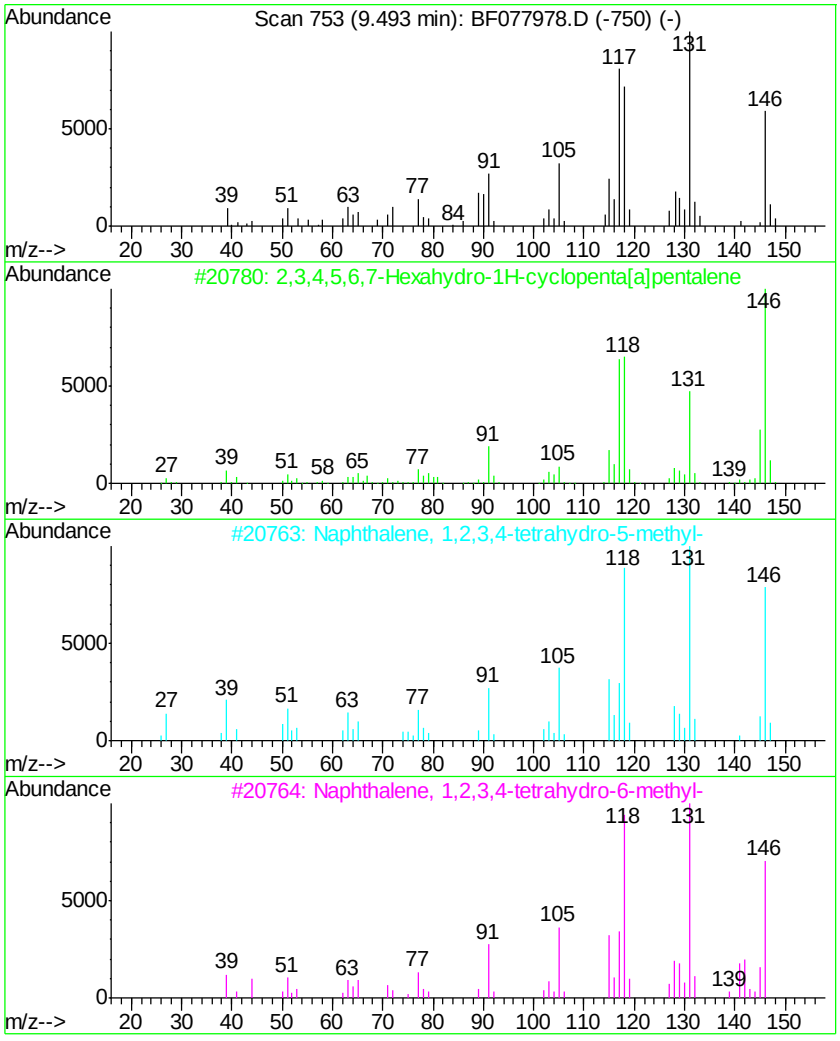
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

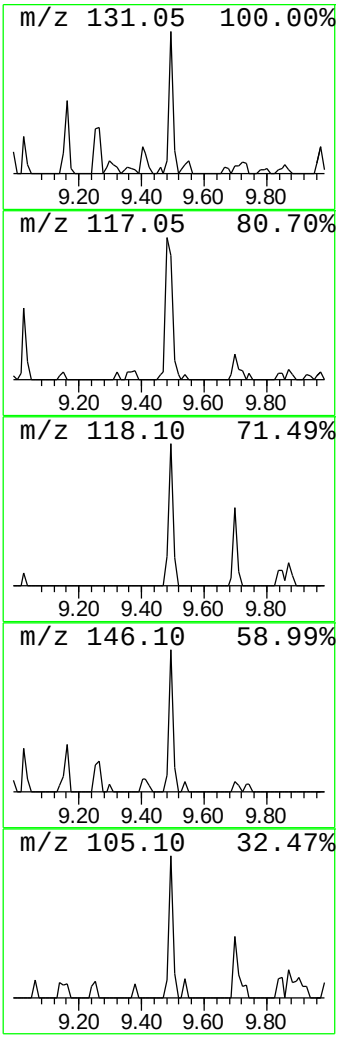
****

Peak Number 8 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.79 ng	105036	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	78
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





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Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

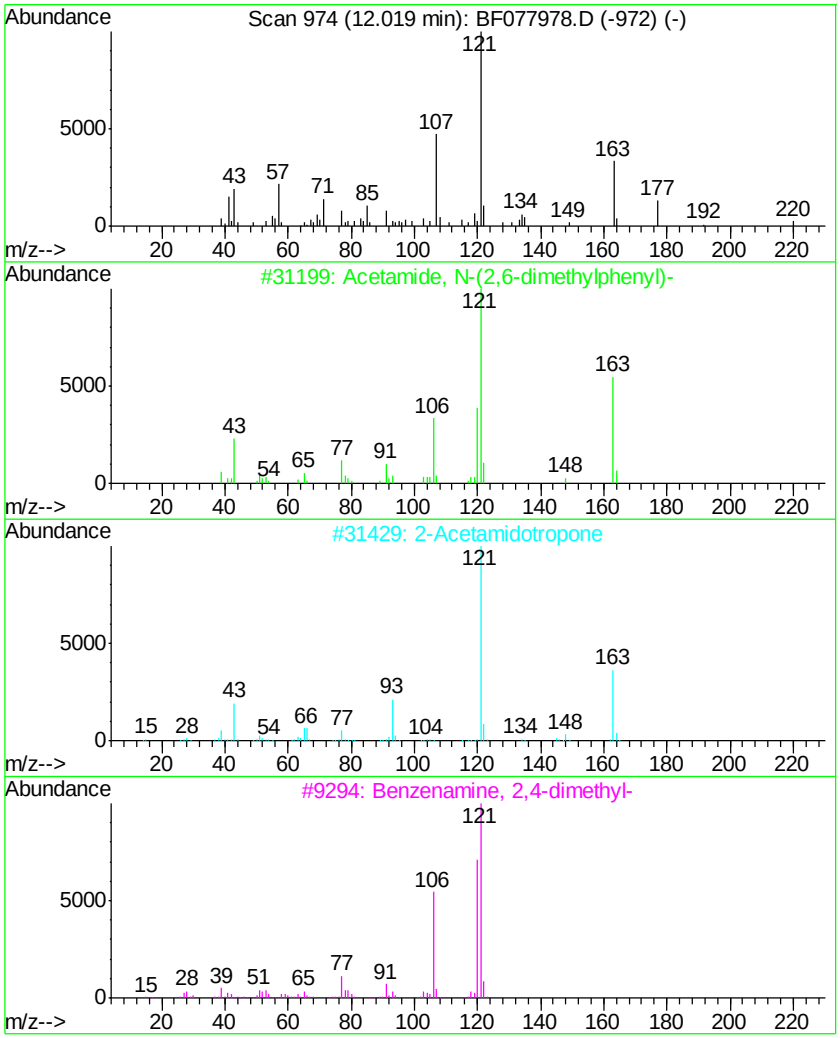
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

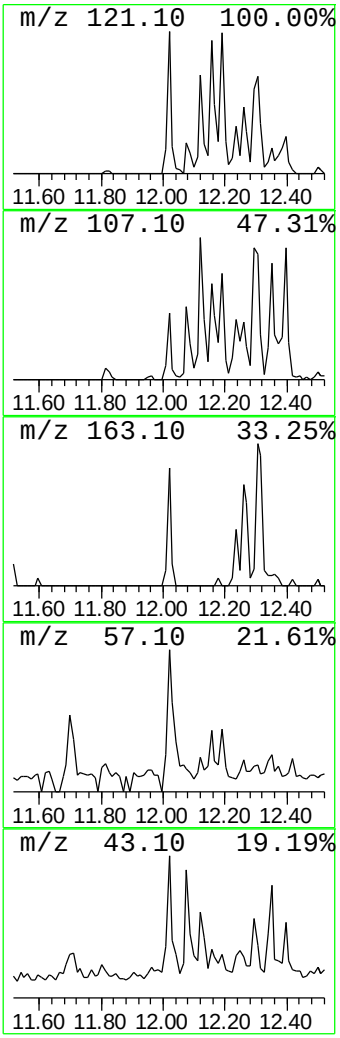
****

Peak Number 9 unknown12.02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.26 ng	83692	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	49
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	38
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	38
5	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077978.D
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Sample : G1643-09
Misc :
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Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

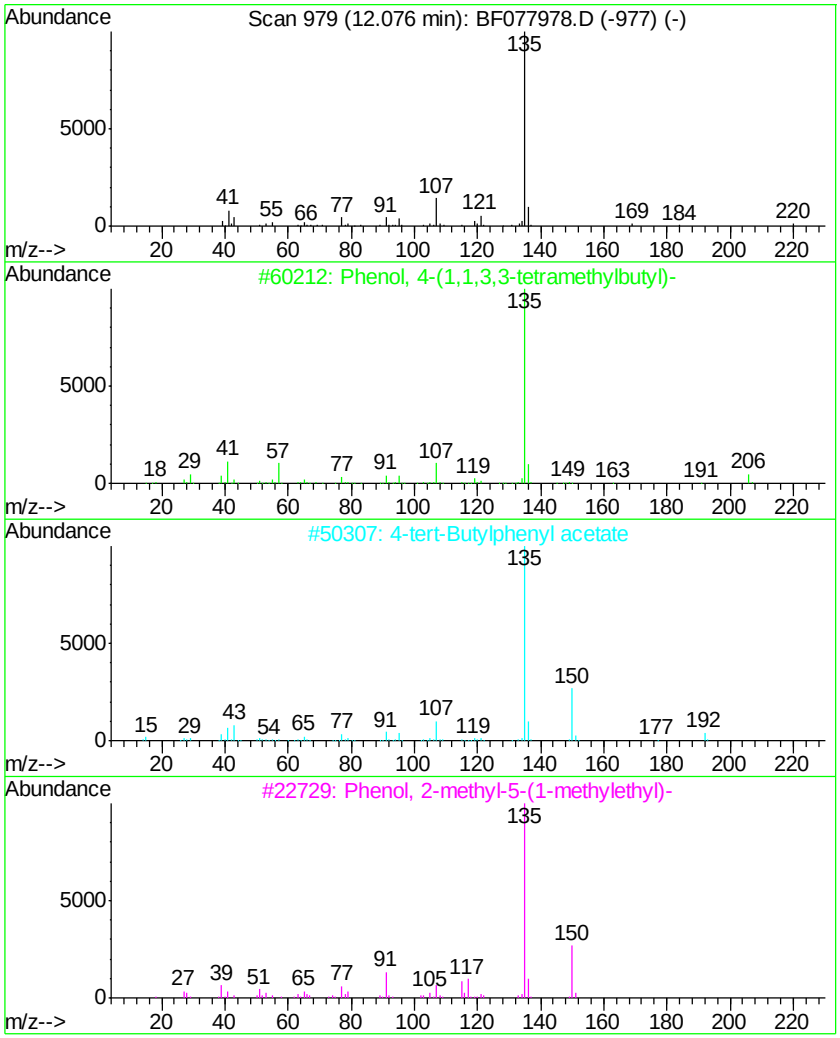
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

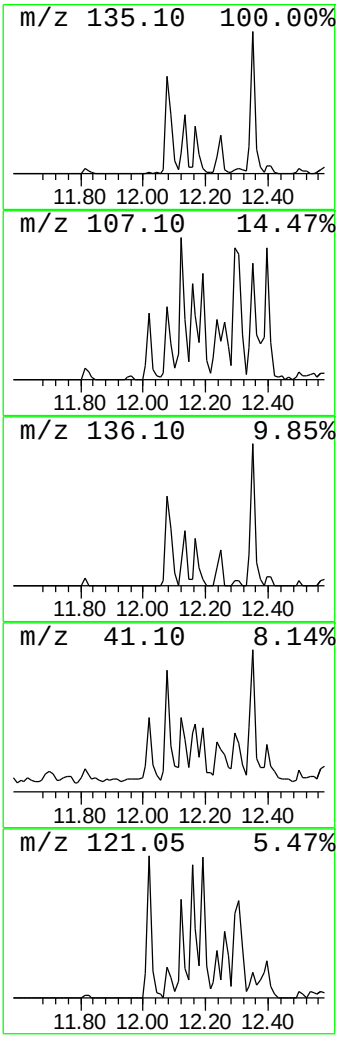
****

Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	5.55 ng	142279	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





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Data File : BF077978.D
Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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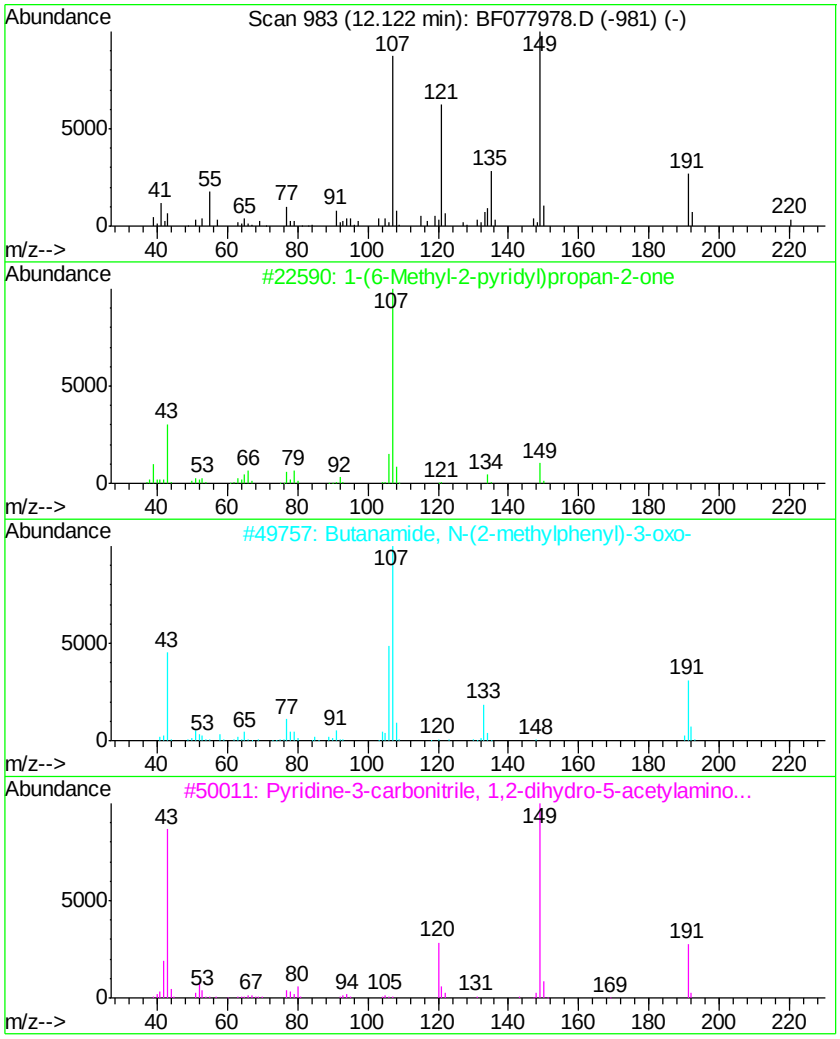
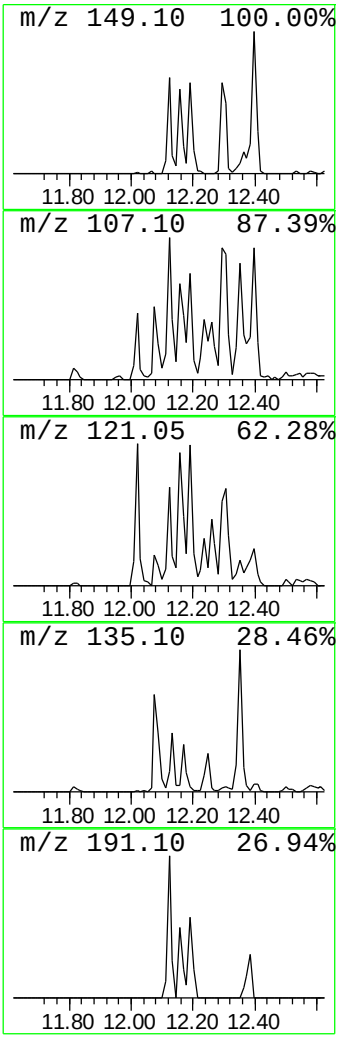
Peak Number 11 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.89 ng	151216	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	58
2	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
4	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	35
5	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	30





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Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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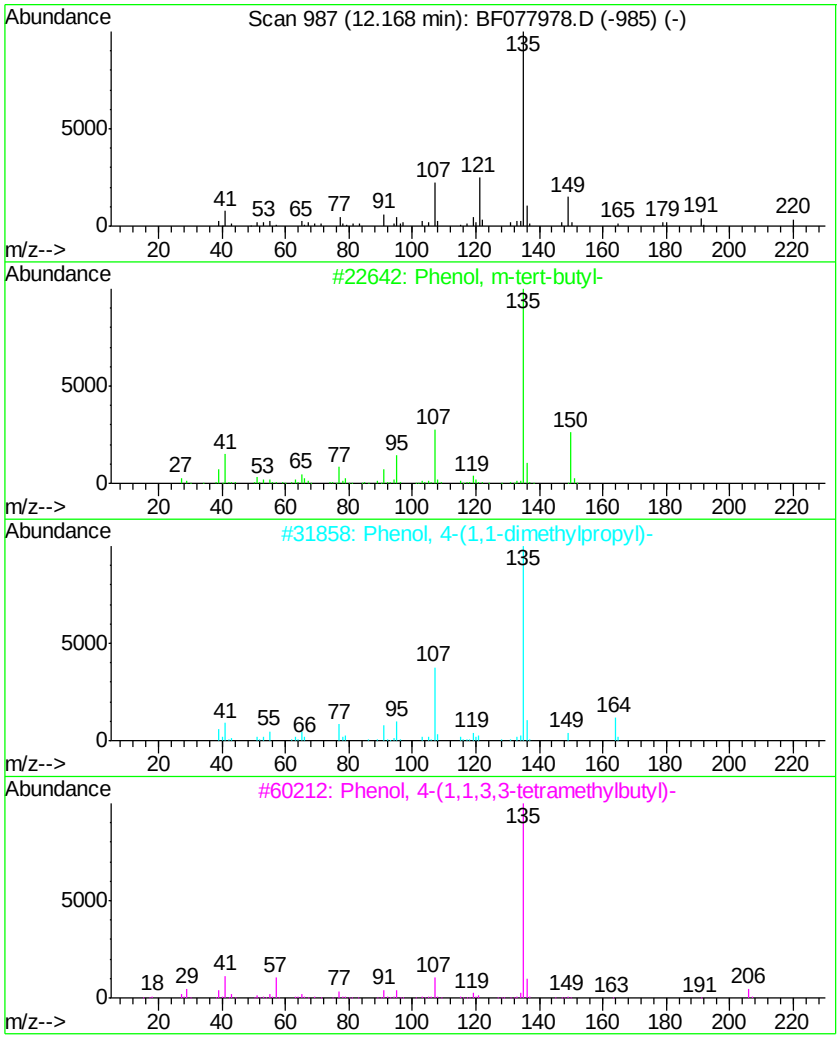
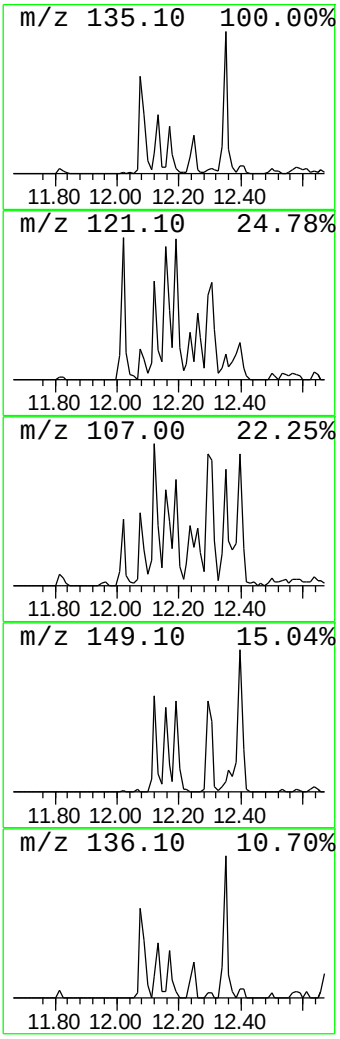
Peak Number 12 Phenol, m-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.29 ng	135824	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
5	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	59





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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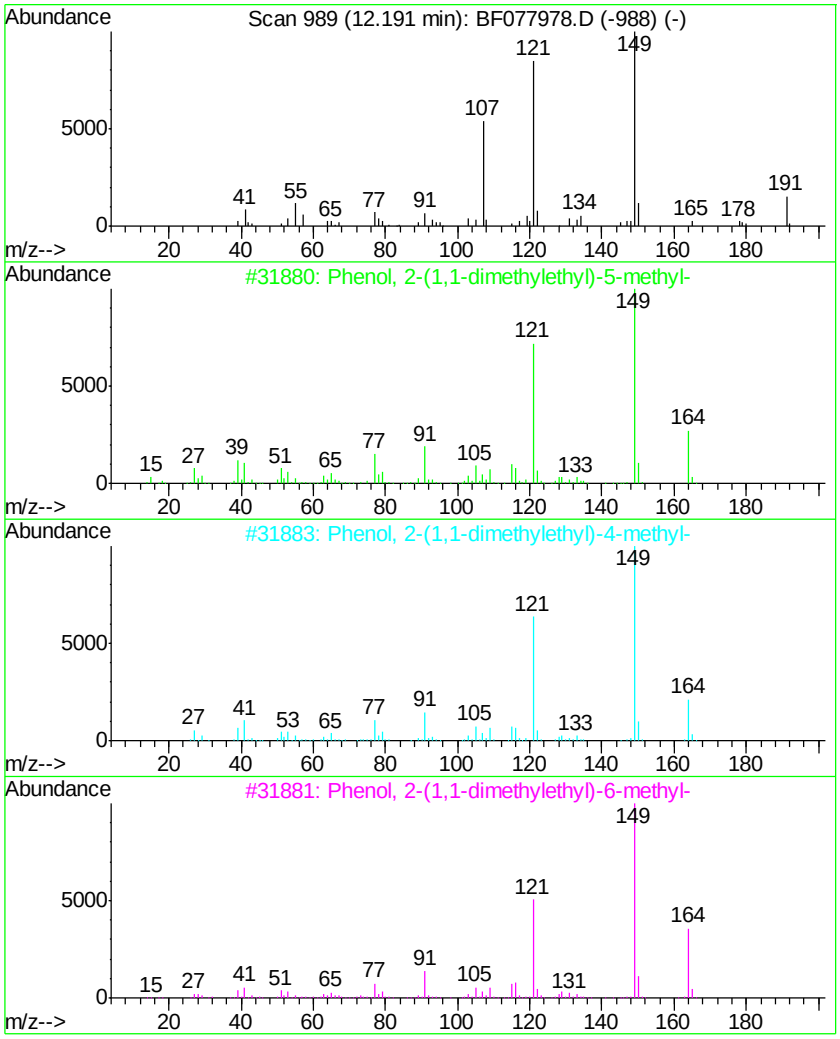
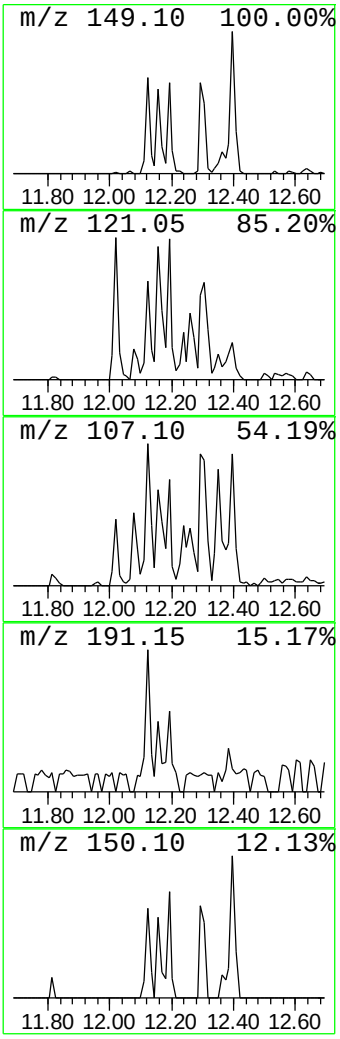
Peak Number 13 Phenol, 2-(1,1-dimethylethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.37 ng	86526	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	59
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
3	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	45
4	Benzene, 1,1'-(1,2-diethyl-1,2-e...	298	C20H26O2	000130-78-9	45
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	35





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Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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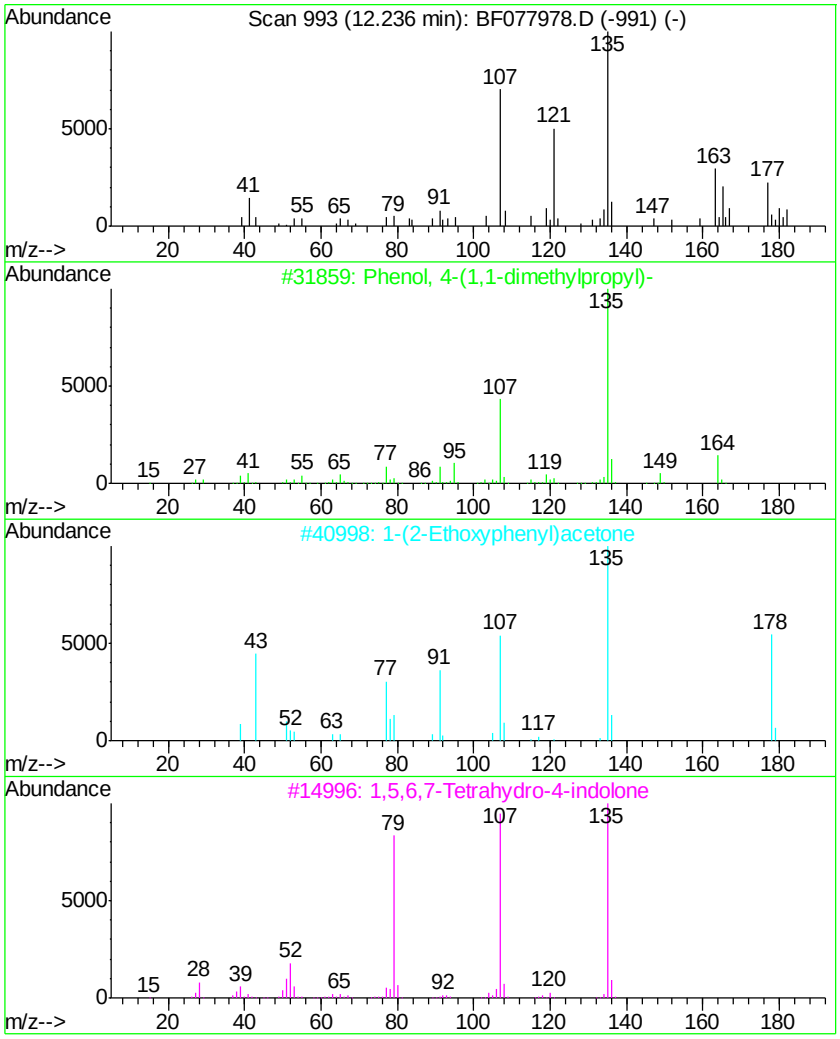
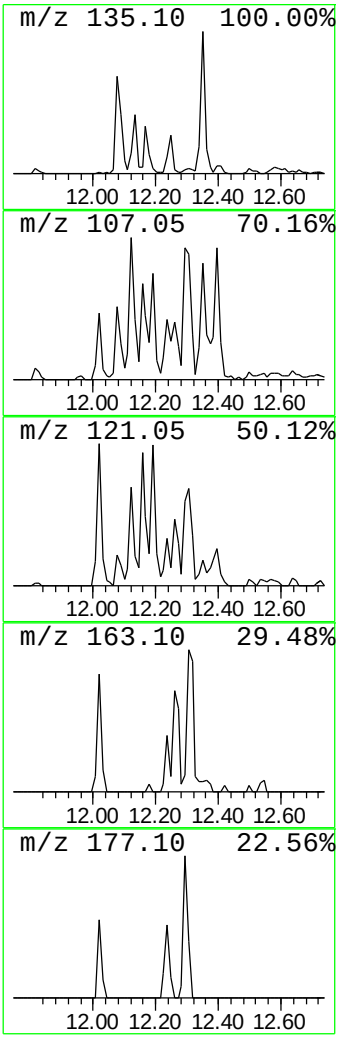
Peak Number 14 unknown12.24 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	5.14 ng	131928	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	49
2	1-(2-Ethoxyphenyl)acetone	178	C11H14O2	086432-38-4	47
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	47
4	Benzestrol	298	C20H26O2	000085-95-0	40
5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	38





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Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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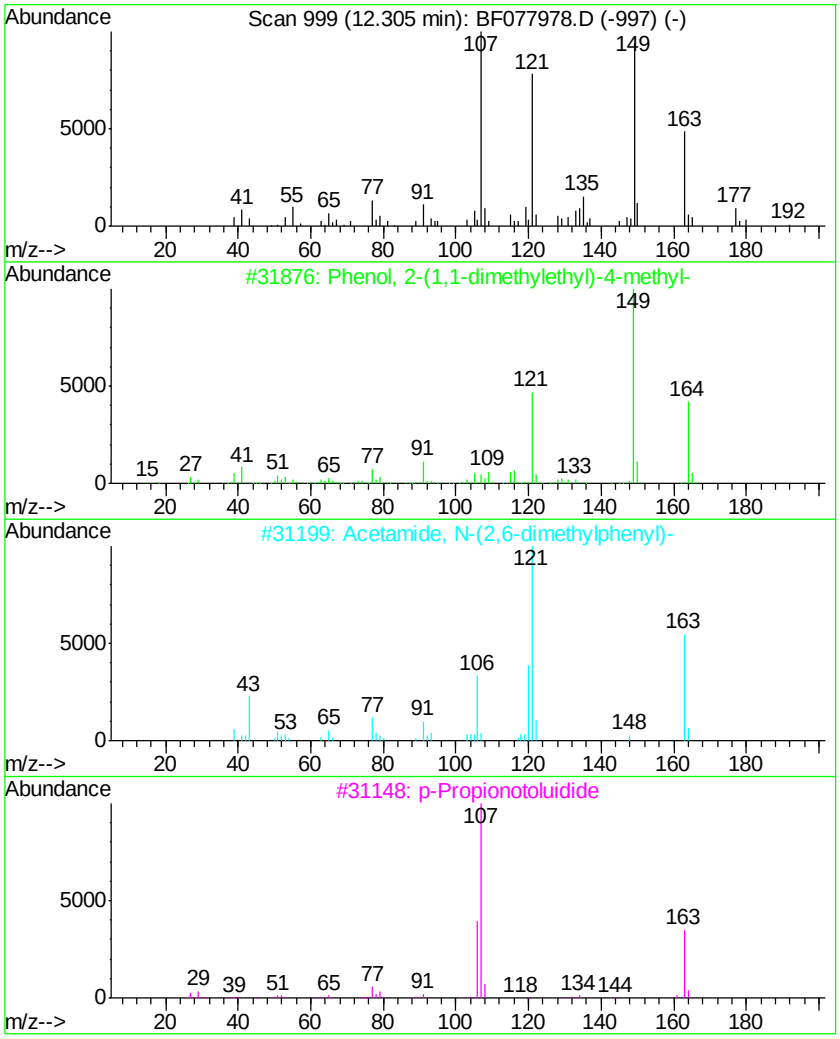
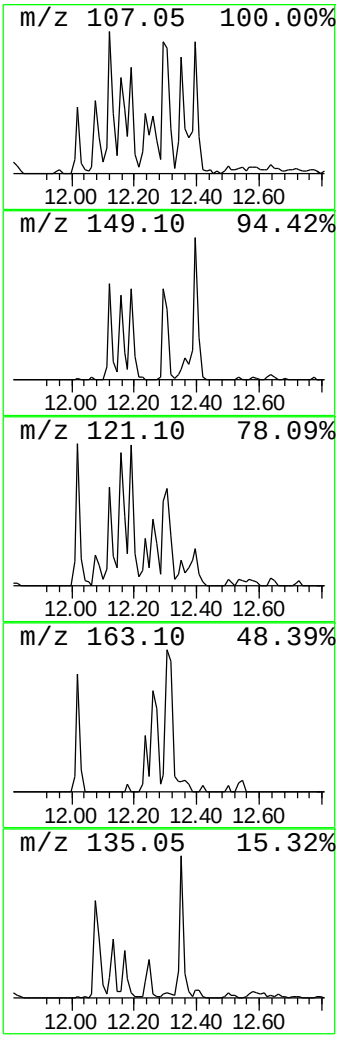
Peak Number 15 unknown12.31 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	5.83 ng	149445	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	43
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	22
3	p-Propionotoluidide	163	C10H13NO	002759-55-9	22
4	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	22
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	20





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Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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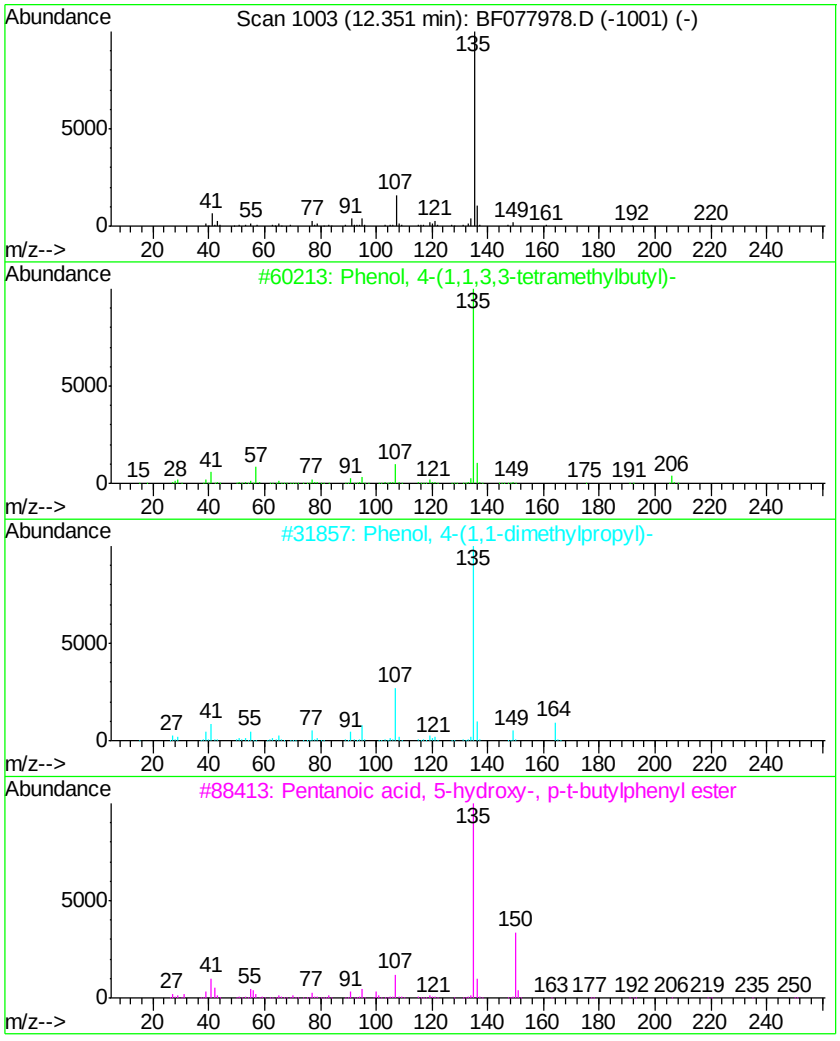
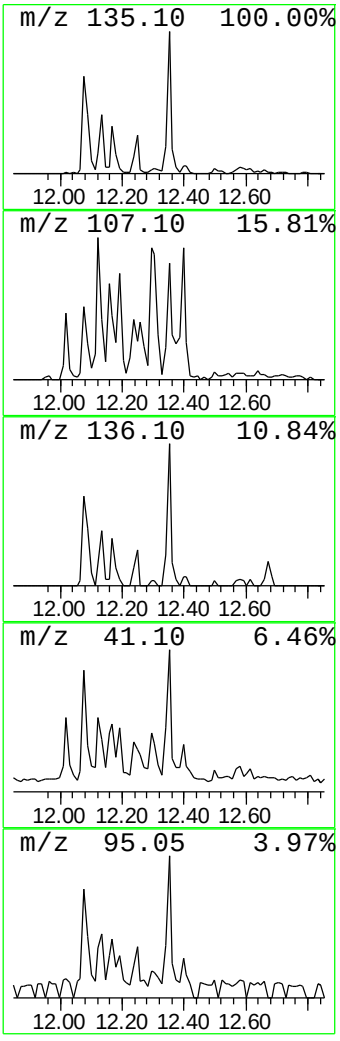
Peak Number 16 Carbamic acid, N-[1,1-bis(t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	7.19 ng	184450	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64





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Acq On : 26 Mar 2015 5:29
Operator : TP/IZ
Sample : G1643-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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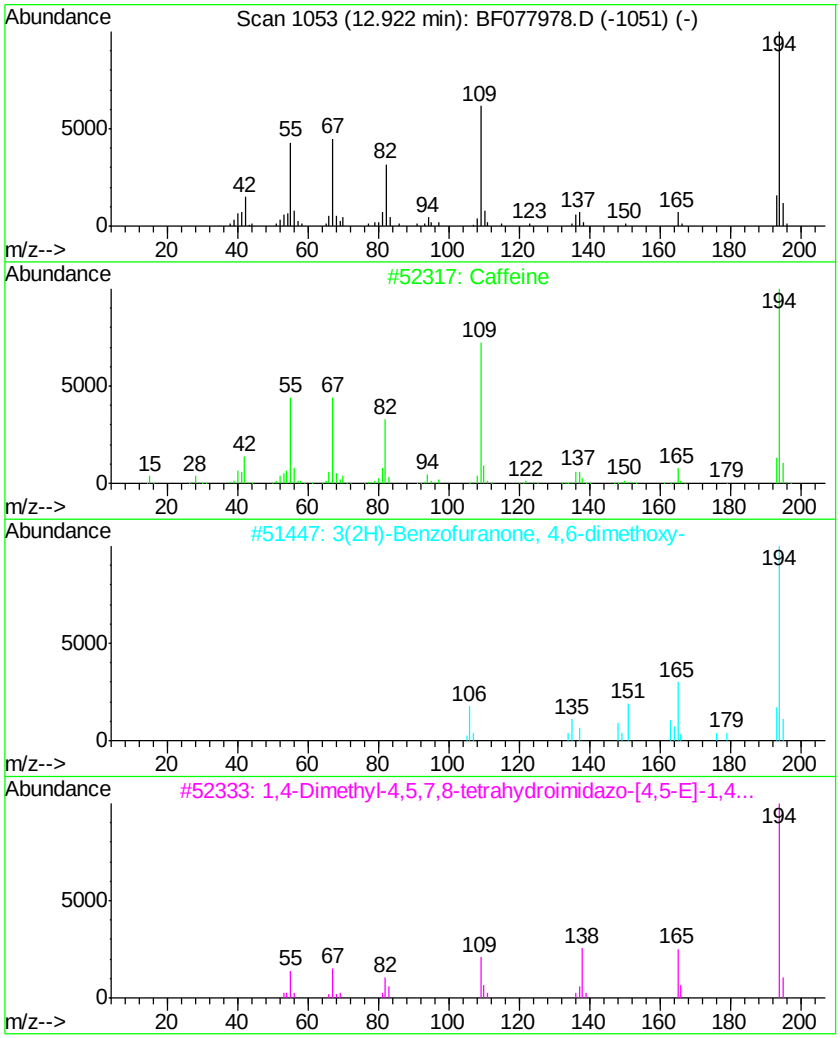
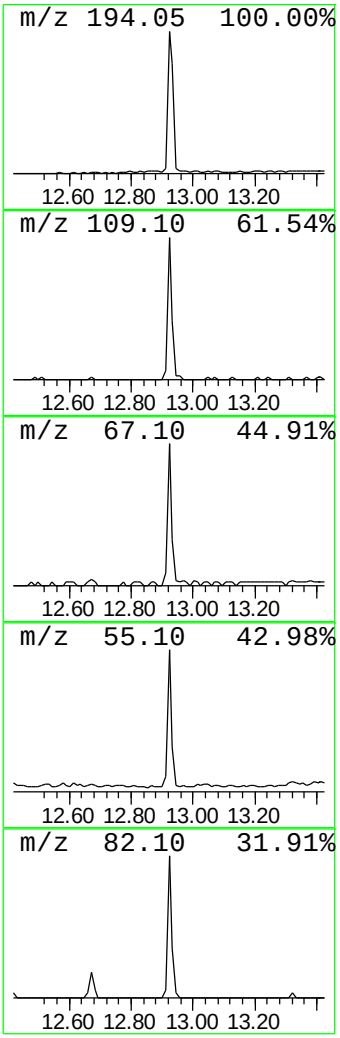
Peak Number 18 Caffeine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	5.52 ng	141589	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	50
3	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	47
4	3-Phenanthrol	194	C14H10O	000605-87-8	43
5	N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	38





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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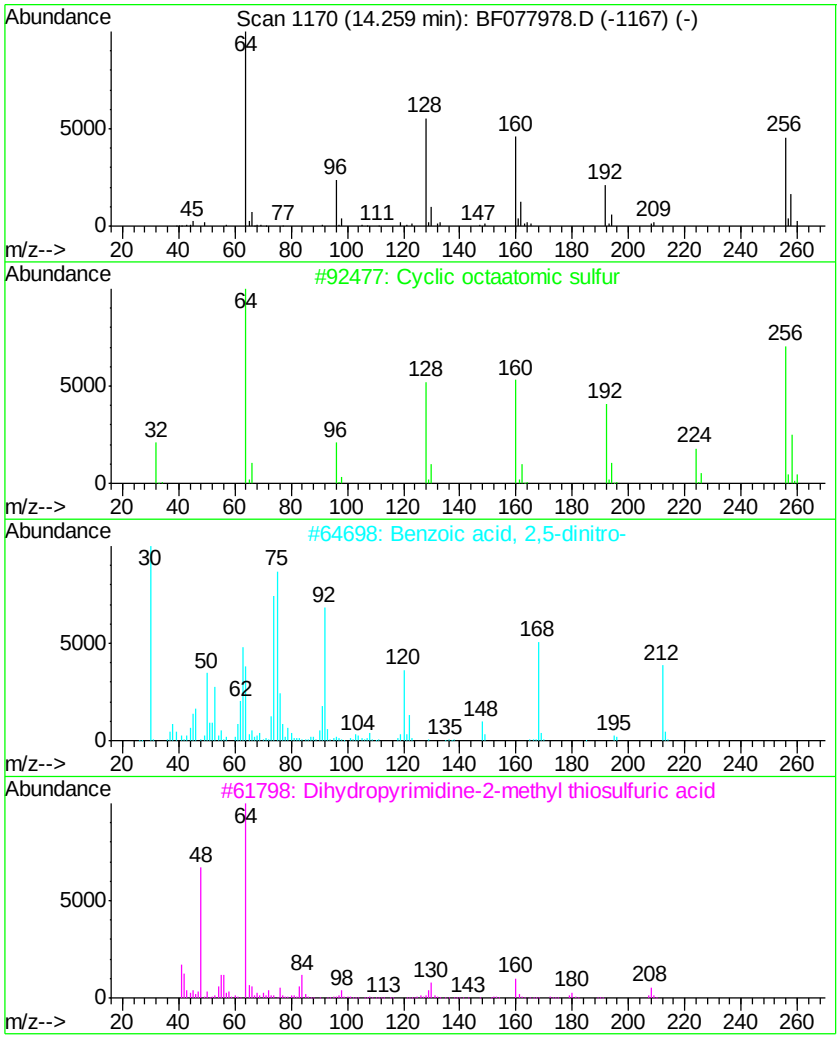
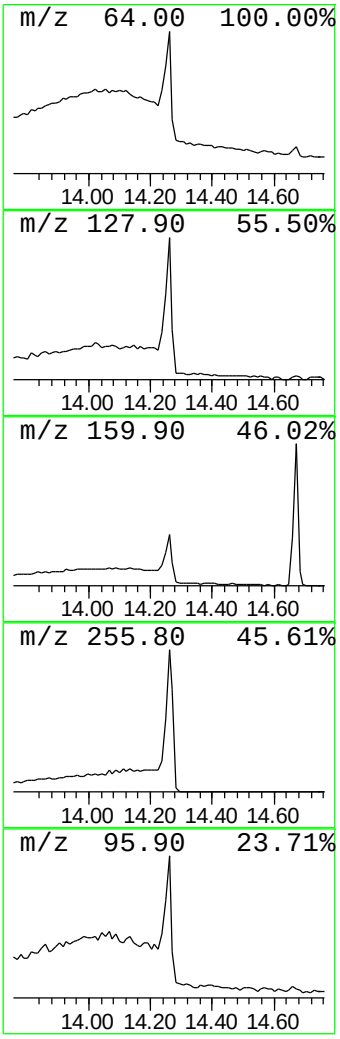
Peak Number 19 Cyclic octaatomic sulfur Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	7.27 ng	186521	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	55
2	Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	47
3	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	33
4	1-[4-Chlorophenyl]-2-methyl-2-[1...	317	C15H24ClNS2	1000250-92-4	9
5	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077978.D
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Operator : TP/IZ
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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
Butane, 2-methoxy...	1.53	21.5	ng	308733	1	7.09	286810	20.0
2-Pentanone, 4-hy...	4.84	3.7	ng	53123	1	7.09	286810	20.0
unknown6.81	6.81	59.1	ng	847588	1	7.09	286810	20.0
1-Hexanol, 2-ethyl-	7.20	3.6	ng	51947	1	7.09	286810	20.0
2,3,4,5,6,7-Hexah...	9.49	4.8	ng	105036	2	8.67	438605	20.0
unknown12.02	12.02	3.3	ng	83692	4	12.67	513040	20.0
Phenol, 4-(1,1,3,...	12.08	5.5	ng	142279	4	12.67	513040	20.0
1-(6-Methyl-2-pyr...	12.12	5.9	ng	151216	4	12.67	513040	20.0
Phenol, m-tert-bu...	12.17	5.3	ng	135824	4	12.67	513040	20.0
Phenol, 2-(1,1-di...	12.19	3.4	ng	86526	4	12.67	513040	20.0
unknown12.24	12.24	5.1	ng	131928	4	12.67	513040	20.0
unknown12.31	12.31	5.8	ng	149445	4	12.67	513040	20.0
Carbamic acid, N-...	12.35	7.2	ng	184450	4	12.67	513040	20.0
Caffeine	12.92	5.5	ng	141589	4	12.67	513040	20.0
Cyclic octaatomic...	14.26	7.3	ng	186521	4	12.67	513040	20.0