LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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	1.355	38	41	45	rVB	201270	349079	19.96%	2.579%
2	1.527	53	56	59	rVB	238440	322720	18.45%	2.384%
3	1.744	74	75	85	rBV	64606	99725	5.70%	0.737%
4	4.841	343	346	349	rBV	27807	42698	2.44%	0.315%
5	5.379	390	393	396	rBV	442665	479199	27.40%	3.540%
6	6.670	504	506	509	rBV	273791	297244	16.99%	2.196%
7	6.807	516	518	520	rBV	992974	939726	53.72%	6.943%
8	7.093	541	543	546	rBV	306226	276123	15.79%	2.040%
9	7.276	557	559	562	rVB	893299	879665	50.29%	6.499%
10	7.790	602	604	606	rBV	778789	687878	39.33%	5.082%
11	8.670	679	681	683	rBV	435310	389802	22.29%	2.880%
12	9.333	737	739	740	rBV	20385	20643	1.18%	0.153%
13	10.019	796	799	801	rBV	1682263	1497286	85.60%	11.062%
14	10.271	820	821	825	rVB2	26508	41175	2.35%	0.304%
15	10.442	835	836	841	rVB2	16207	19816	1.13%	0.146%
16	10.716	858	860	864	rVB3	16148	25410	1.45%	0.188%
17	10.842	868	871	873	rVV	396938	500184	28.60%	3.695%
18	10.933	877	879	883	rBV4	14347	32456	1.86%	0.240%
19	11.082	888	892	895	rBV4	9557	23811	1.36%	0.176%
20	11.208	900	903	904	rBV3	12127	19523	1.12%	0.144%
21	11.242	904	906	908	rVB3	14655	21723	1.24%	0.160%
22	11.288	908	910	912	rBV3	16699	29725	1.70%	0.220%
23	11.733	948	949	954	rVB5	8017	19770	1.13%	0.146%
24	11.814	954	956	959	rBV	811743	948830	54.25%	7.010%
25	11.974	967	970	972	rBV2	13871	20551	1.17%	0.152%
26	12.019	972	974	977	rVV	100758	113910	6.51%	0.842%
27	12.076	977	979	981	rVV	170082	227982	13.03%	1.684%
28	12.122	981	983	985	rVV2	209417	299180	17.10%	2.210%
29	12.168	985	987	988	rVV2	145465	247483	14.15%	1.828%
30	12.248	991	994	997	rVV3	92397	217636	12.44%	1.608%
31	12.294	997	998	1001	rVV2	145560	239012	13.66%	1.766%
32	12.351	1001	1003	1005	rVV	248015	275214	15.73%	2.033%
33	12.396	1005	1007	1010	rVV	115149	156527	8.95%	1.156%
34	12.522	1014	1018	1021	rBV4	18314	47926	2.74%	0.354%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

35	12.579	1021	1023	1025	rVV	35062	45790	2.62%	0.338%
36	12.671	1029	1031	1034	rVB	451222	497264	28.43%	3.674%
37	12.934	1049	1054	1055	rBV4	7439	18865	1.08%	0.139%
38	12.979	1055	1058	1062	rVB2	25157	48157	2.75%	0.356%
39	13.082	1062	1067	1068	rBV5	9825	23533	1.35%	0.174%
40	13.391	1092	1094	1098	rBV5	14339	23839	1.36%	0.176%
41	13.608	1110	1113	1118	rBV3	10955	31706	1.81%	0.234%
42	14.419	1181	1184	1186	rBV	16945	20263	1.16%	0.150%
43	14.671	1203	1206	1209	rBV	1803188	1749153	100.00%	12.923%
44	15.448	1272	1274	1275	rBV	15122	21161	1.21%	0.156%
45	15.860	1307	1310	1314	rBV	36646	59070	3.38%	0.436%
46	15.963	1316	1319	1322	rBV	540308	582733	33.32%	4.305%
47	17.185	1424	1426	1428	rBV	21658	24496	1.40%	0.181%
48	17.757	1474	1476	1479	rBV	402814	579505	33.13%	4.281%

Sum of corrected areas: 13535167

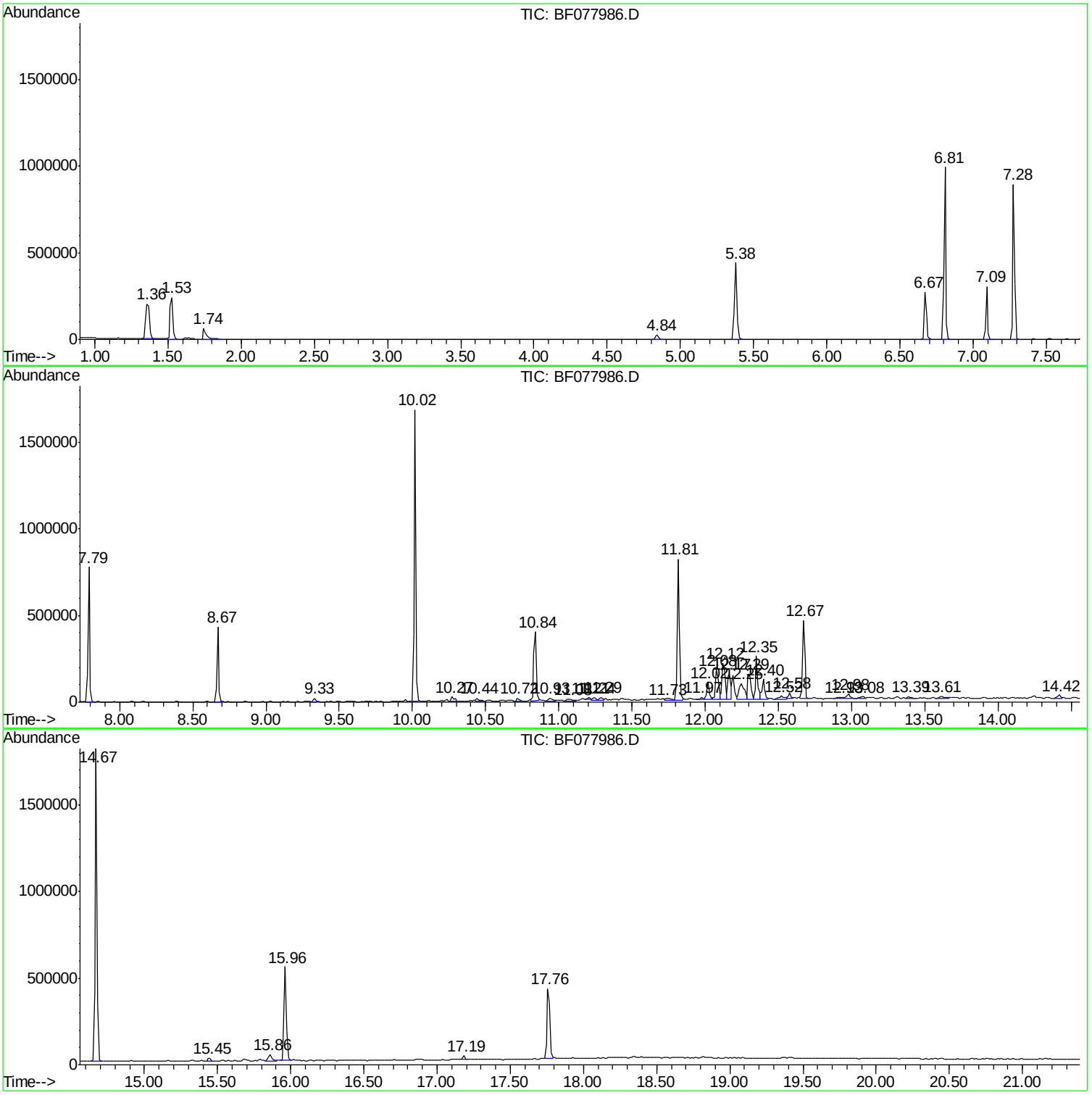
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

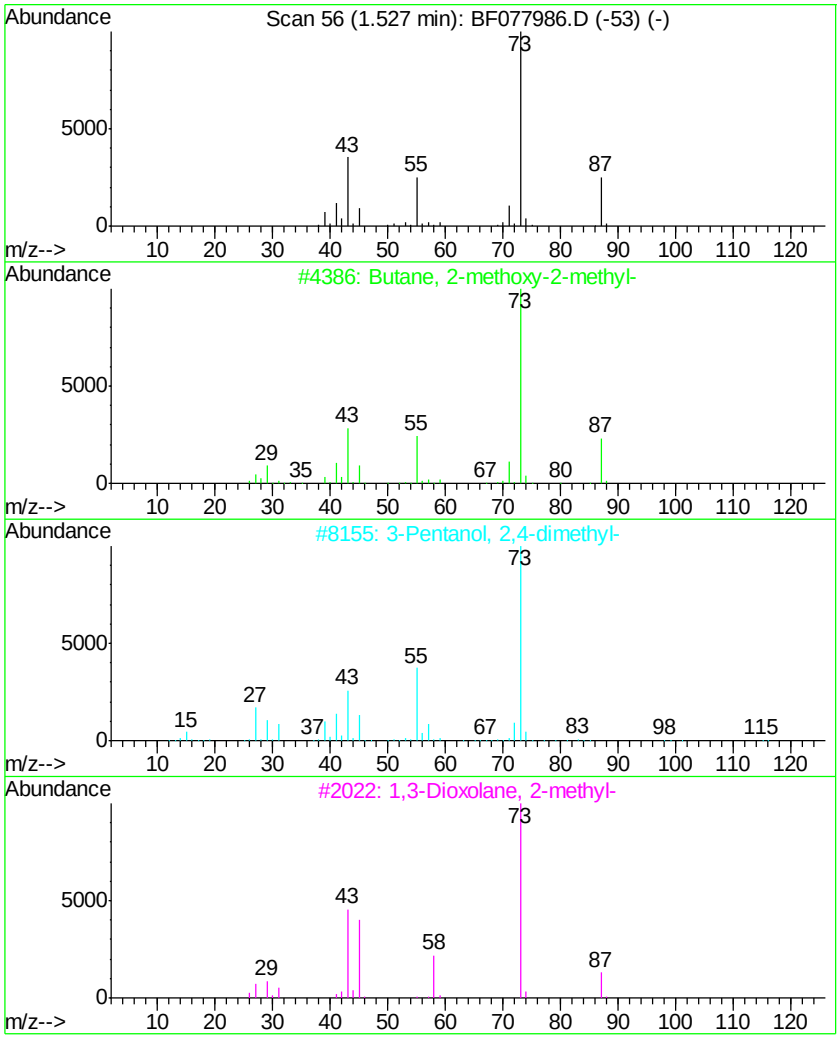
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

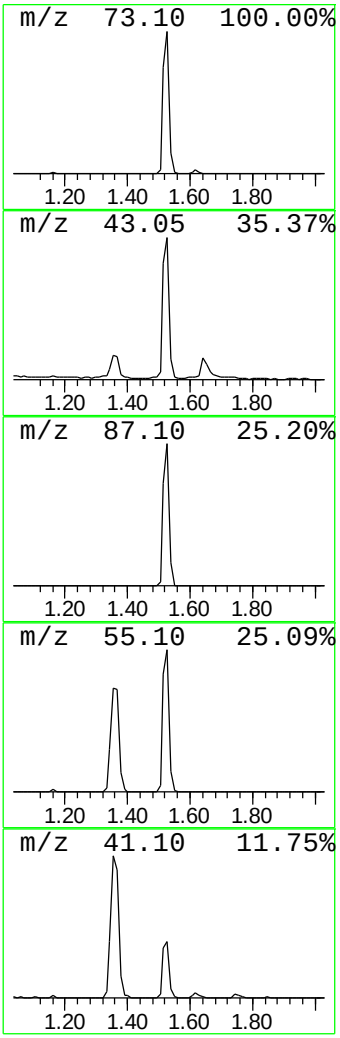
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.53	23.38 ng	322720	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	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

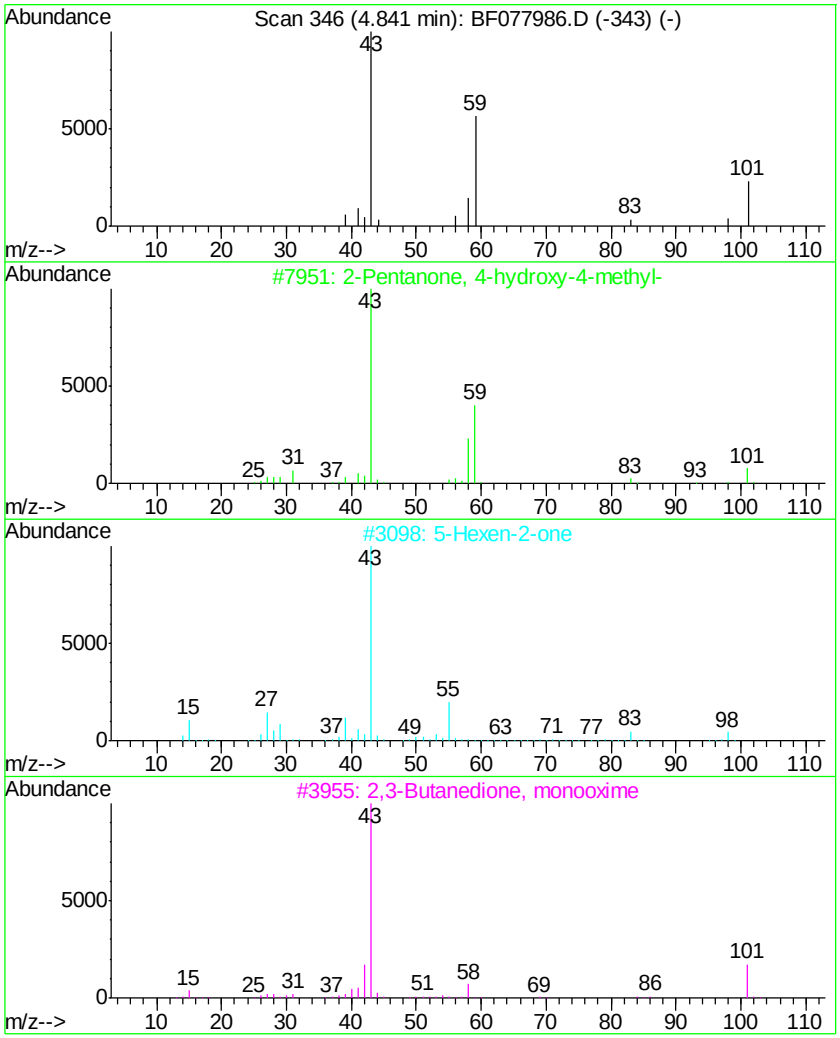
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

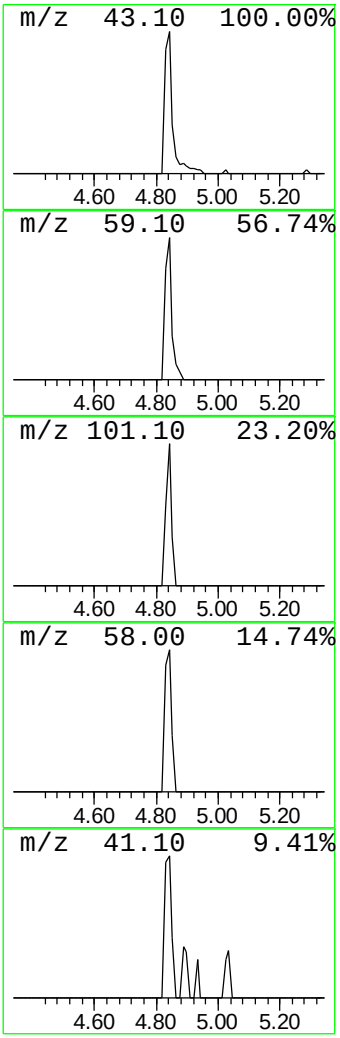
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.09 ng	42698	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	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	5





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

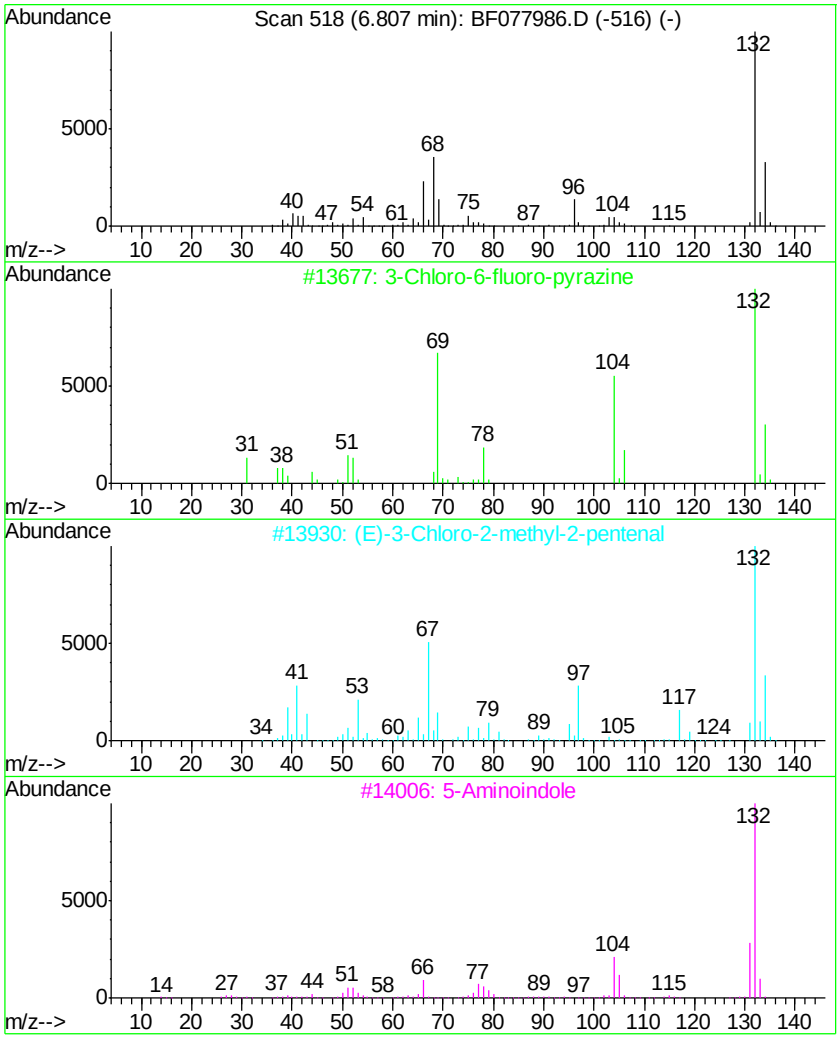
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

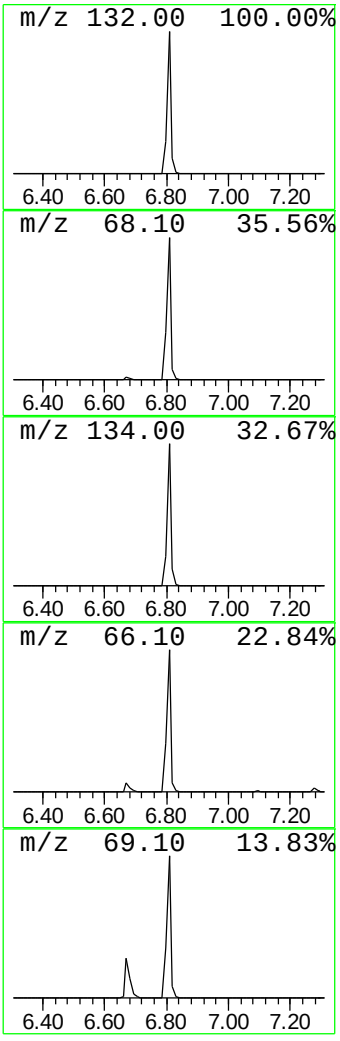
****

Peak Number 5 unknown6.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	68.07 ng	939726	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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

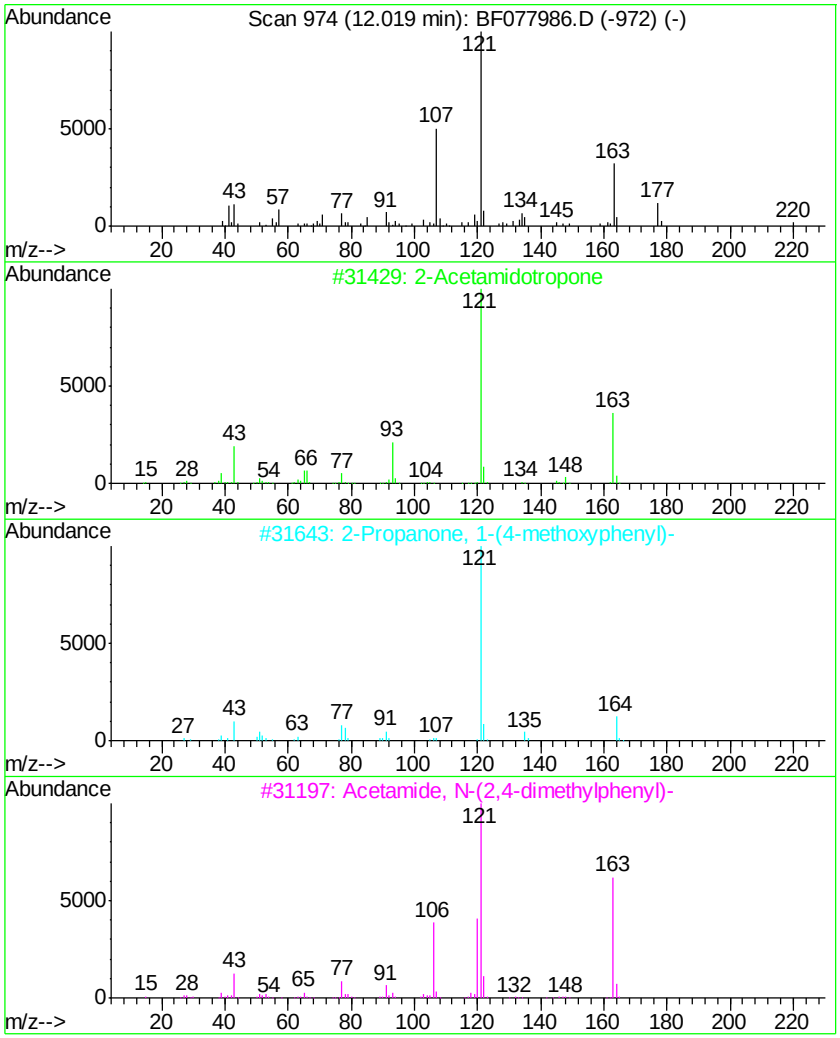
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

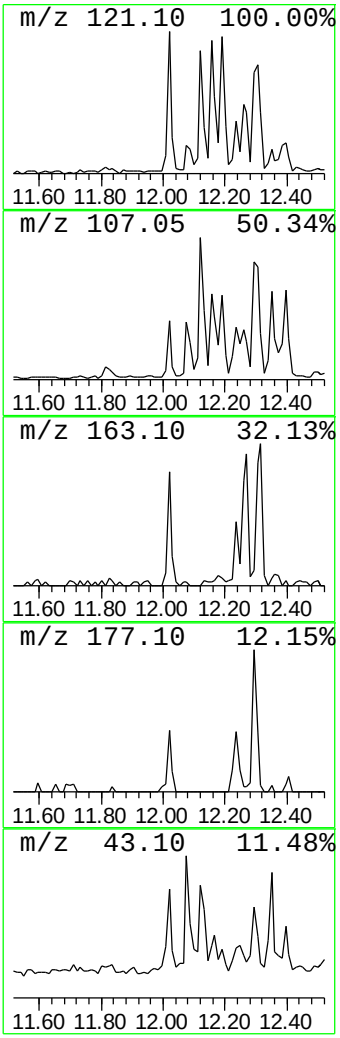
****

Peak Number 7 unknown12.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.58 ng	113910	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
2	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	43
3	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	40
4	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	38
5	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

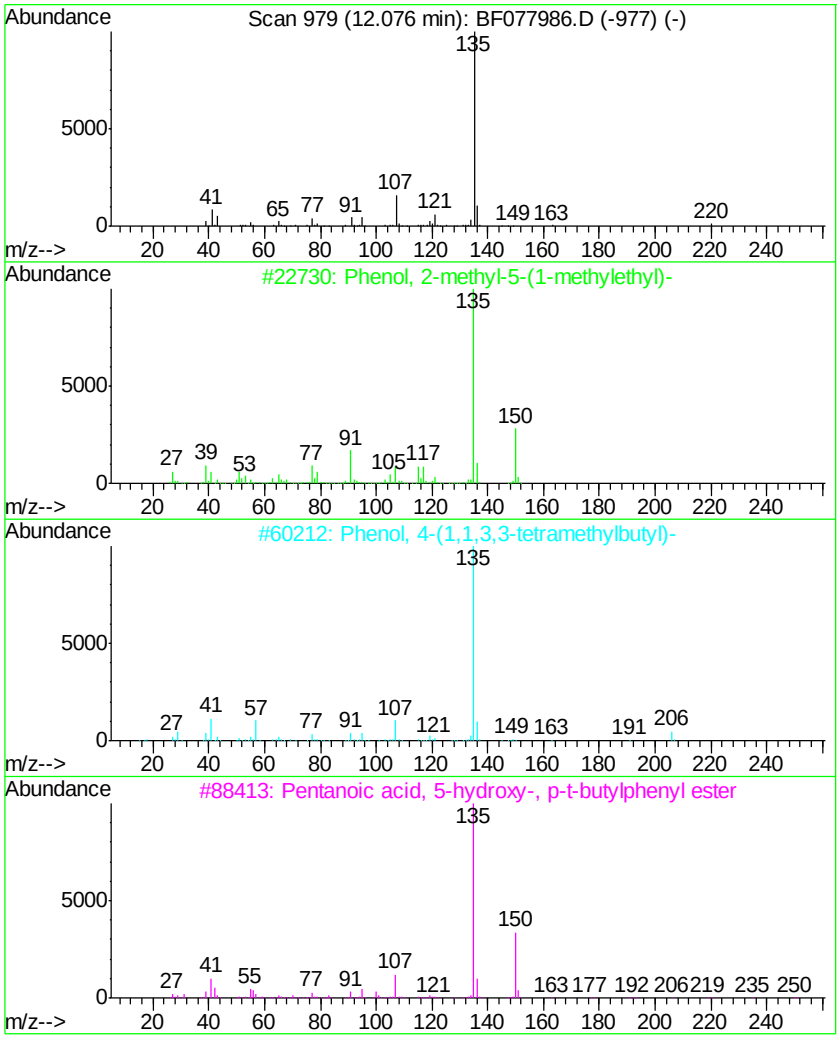
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

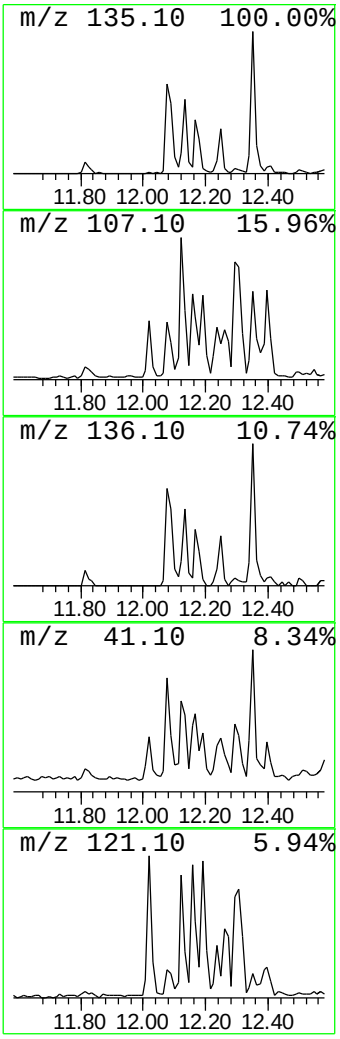
****

Peak Number 8 Phenol, 2-methyl-5-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	9.17 ng	227982	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64
5	Allyldimethylphenylsilane	176	C11H16Si	018001-18-8	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

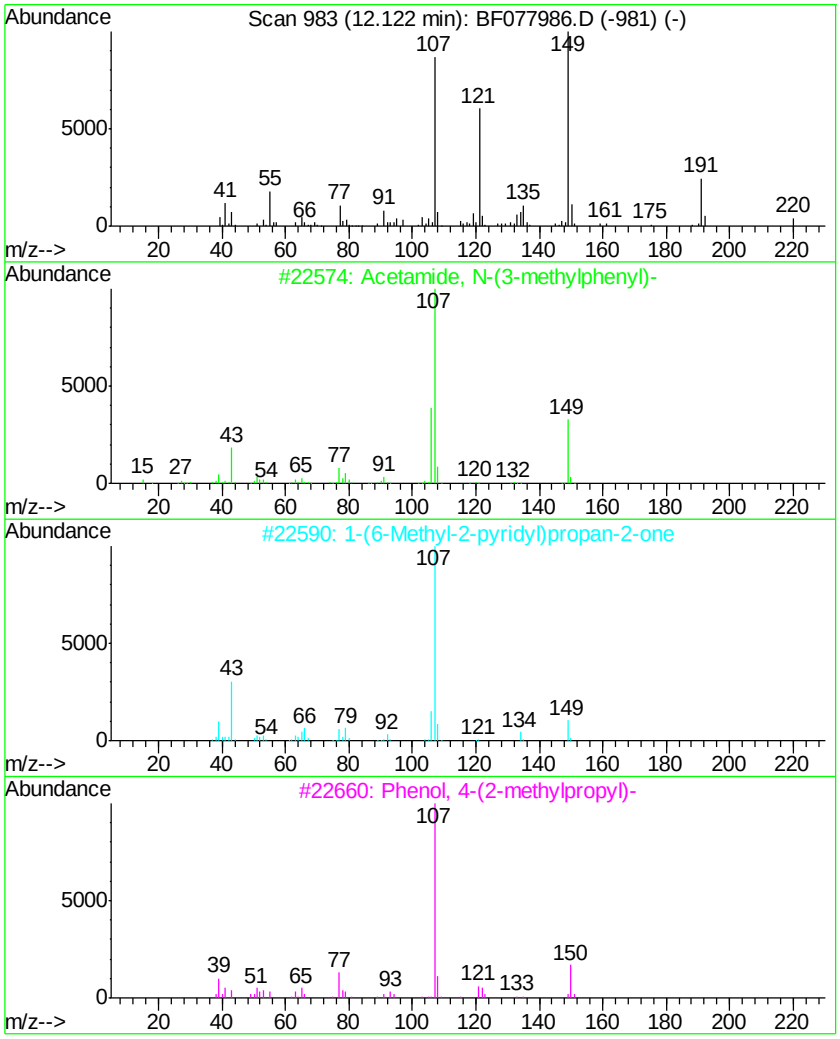
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

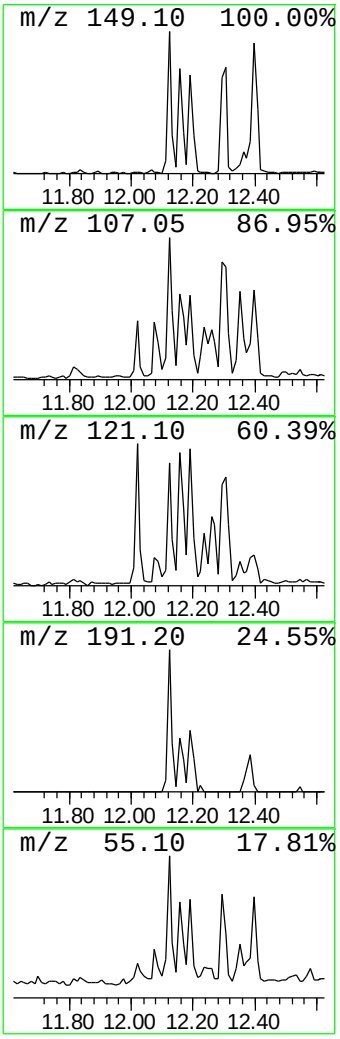
****

Peak Number 9 Acetamide, N-(3-methylphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	12.03 ng	299180	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	42
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

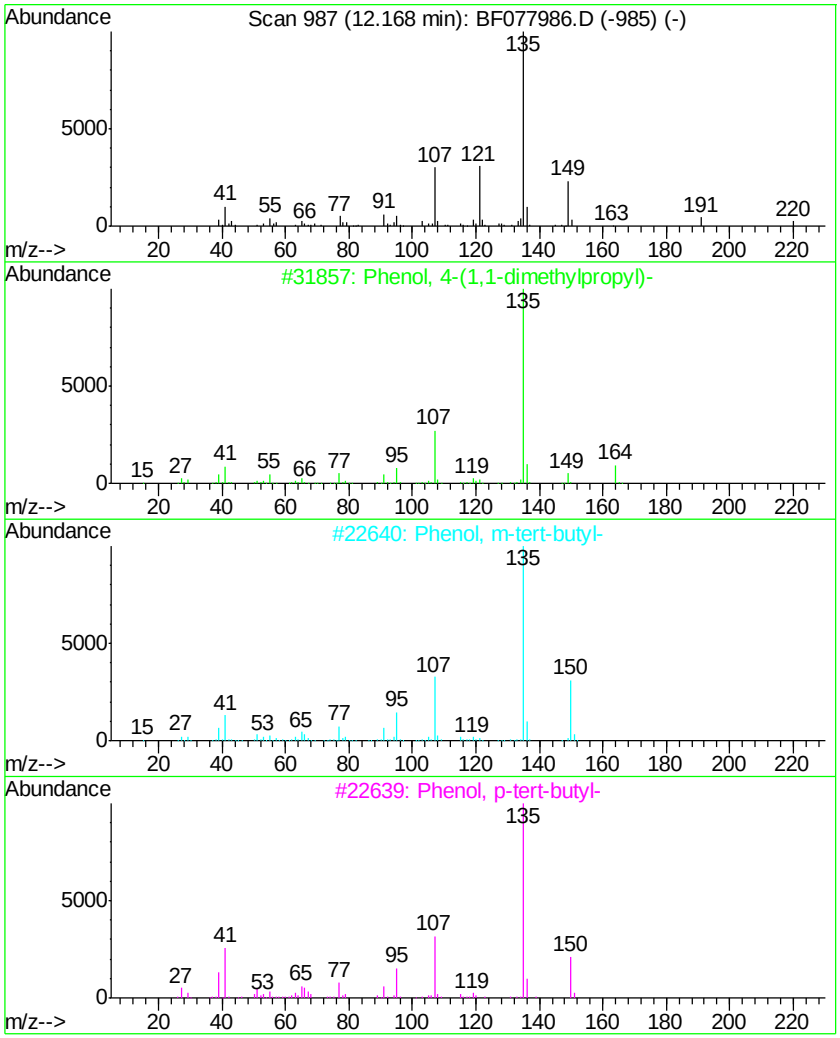
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

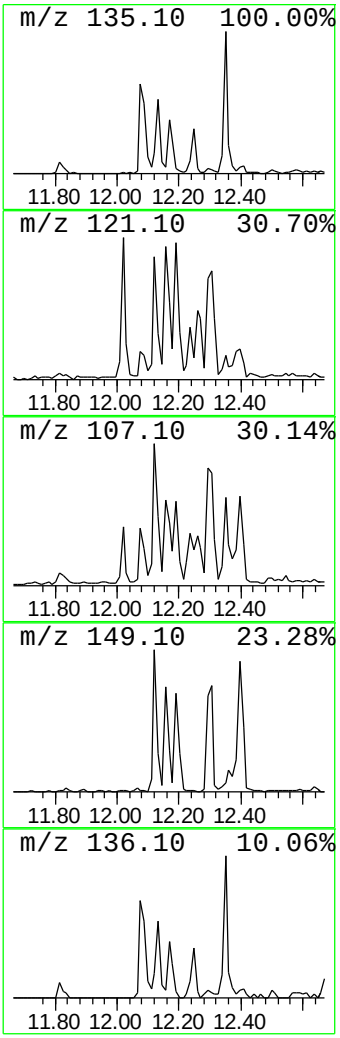
****

Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	9.95 ng	247483	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	53
5	Hexestrol	270	C18H22O2	005635-50-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

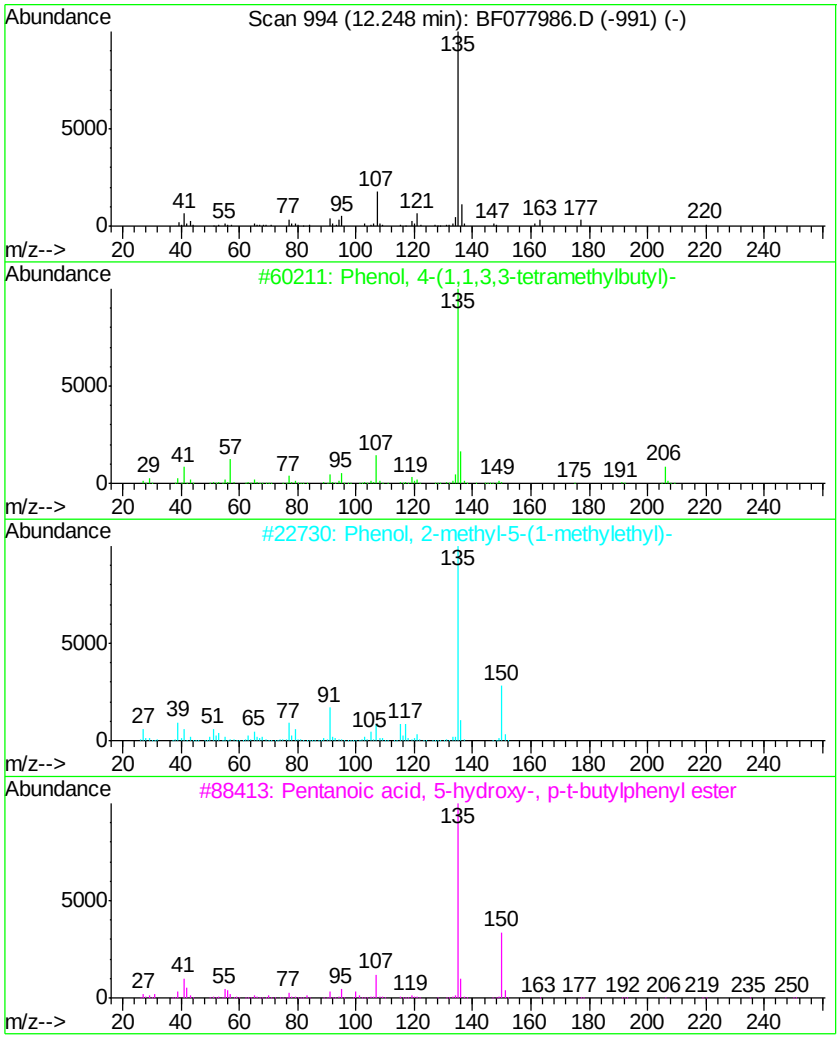
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

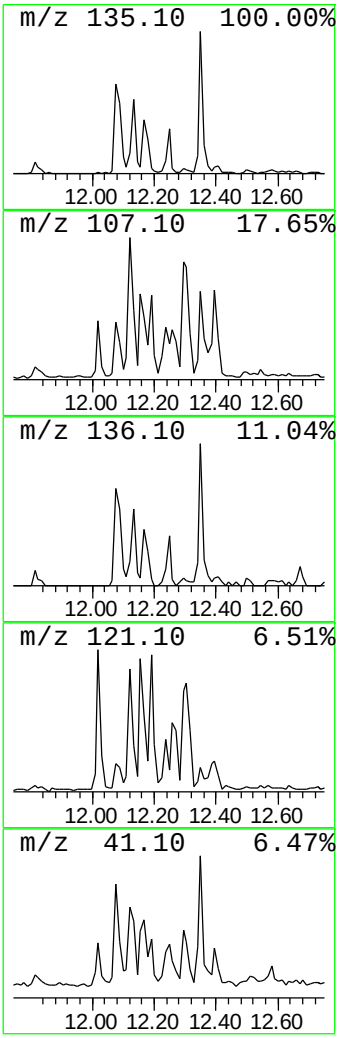
****

Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.75 ng	217636	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, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
5	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	64





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Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

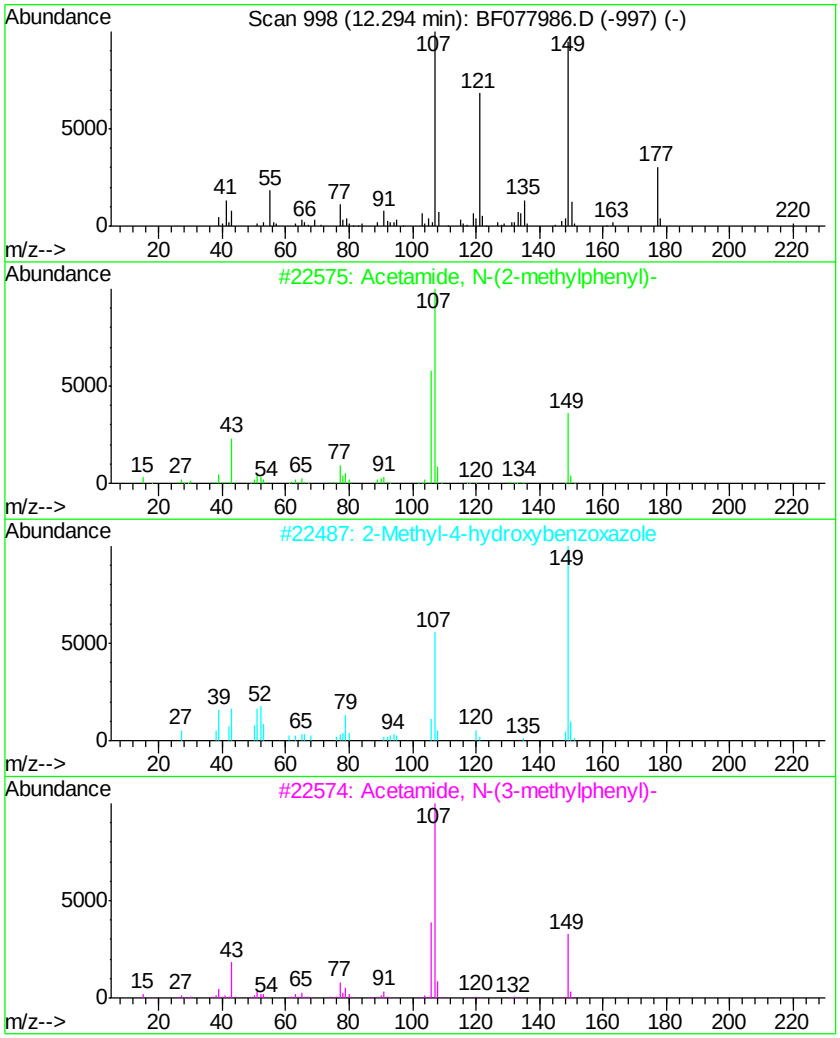
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

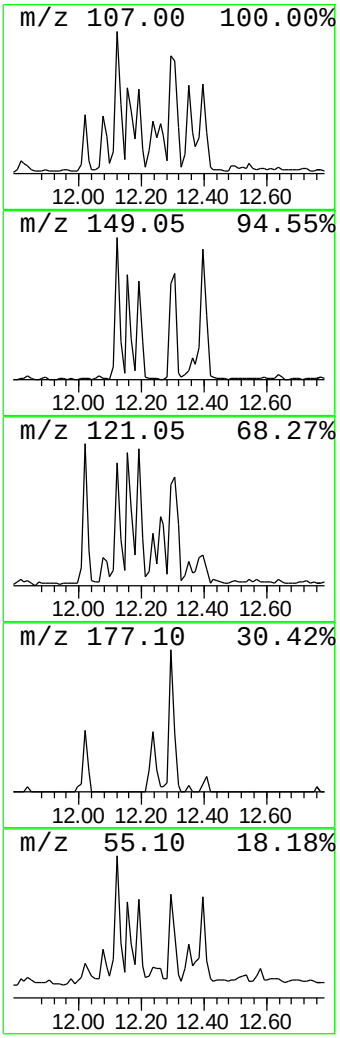
****

Peak Number 12 Acetamide, N-(2-methylphenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.61 ng	239012	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	59
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

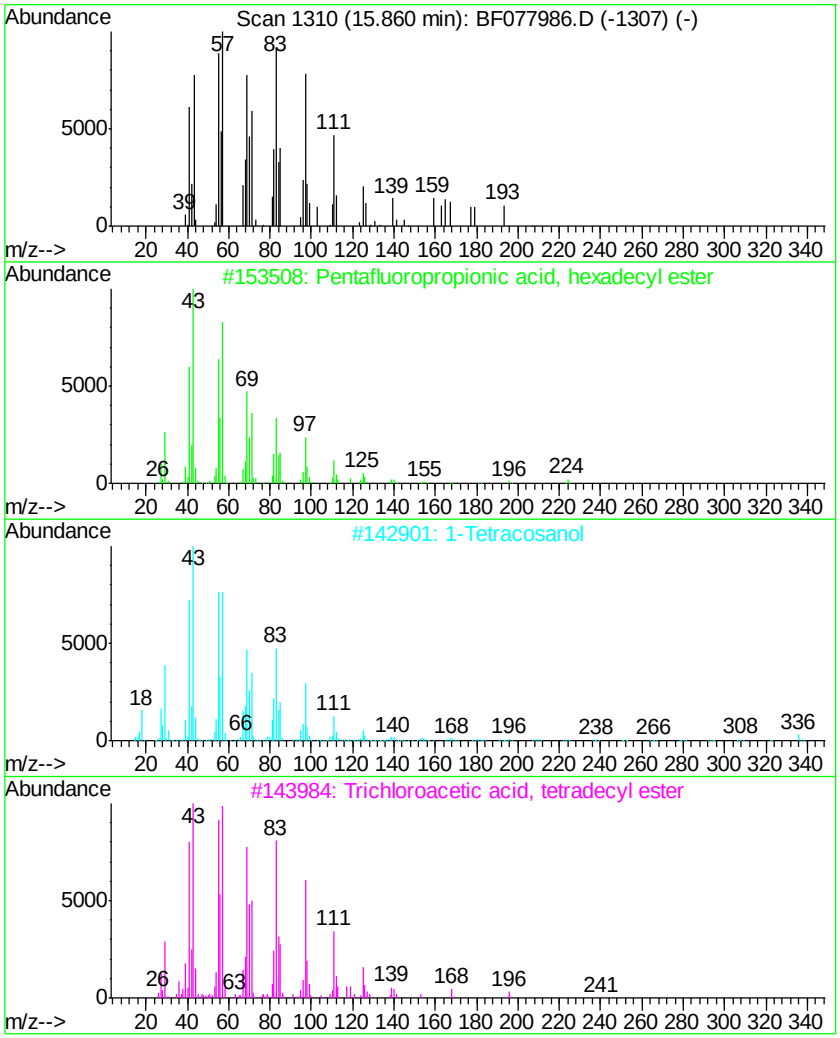
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

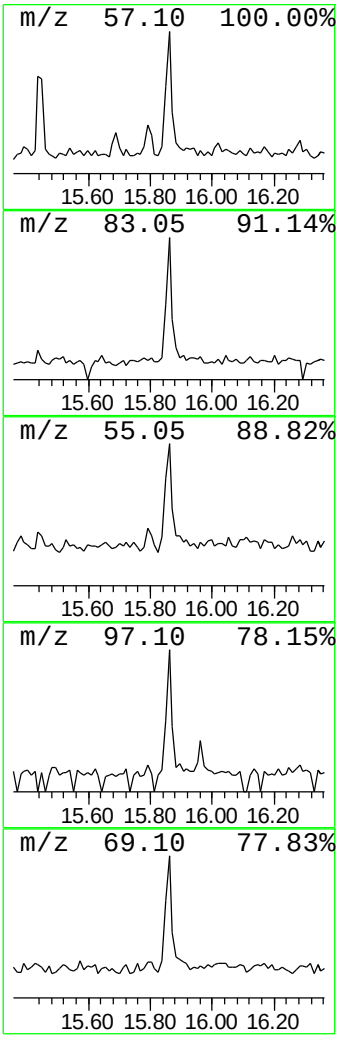
****

Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.03 ng	59070	Chrysene-d12	15.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077986.D
Acq On : 26 Mar 2015 9:24
Operator : TP/IZ
Sample : G1642-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.53	23.4	ng	322720	1	7.09	276123	20.0
2-Pentanone, 4-hy...	4.84	3.1	ng	42698	1	7.09	276123	20.0
unknown6.81	6.81	68.1	ng	939726	1	7.09	276123	20.0
unknown12.02	12.02	4.6	ng	113910	4	12.67	497264	20.0
Phenol, 2-methyl-...	12.08	9.2	ng	227982	4	12.67	497264	20.0
Acetamide, N-(3-m...	12.12	12.0	ng	299180	4	12.67	497264	20.0
Phenol, 4-(1,1-di...	12.17	9.9	ng	247483	4	12.67	497264	20.0
Phenol, 4-(1,1,3,...	12.25	8.8	ng	217636	4	12.67	497264	20.0
Acetamide, N-(2-m...	12.29	9.6	ng	239012	4	12.67	497264	20.0
Pentafluoropropio...	15.86	2.0	ng	59070	5	15.96	582733	20.0