LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079926.D
Acq On : 12 Jun 2015 7:44
Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

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-BF061115.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	1.347	12	14	16	rVB	168920	160815	7.85%	1.153%
2	2.170	85	86	93	rVB	73625	117306	5.73%	0.841%
3	2.353	100	102	109	rBV	637897	1070675	52.29%	7.678%
4	2.456	109	111	129	rVB	77267	258273	12.61%	1.852%
5	2.696	129	132	136	rVB	395805	551241	26.92%	3.953%
6	5.999	419	421	424	rBV	407431	422851	20.65%	3.032%
7	6.982	505	507	510	rBV	220064	280072	13.68%	2.008%
8	7.153	520	522	525	rBV	666377	731604	35.73%	5.247%
9	7.393	541	543	545	rVB	331169	259381	12.67%	1.860%
10	7.553	555	557	559	rVB	1105742	873573	42.67%	6.265%
11	7.942	590	591	594	rBV	399892	553149	27.02%	3.967%
12	8.685	654	656	658	rBV	453338	361964	17.68%	2.596%
13	9.759	748	750	752	rVB	1964754	1580592	77.20%	11.335%
14	10.456	809	811	813	rBV	496477	436913	21.34%	3.133%
15	10.845	843	845	847	rBV	170467	140200	6.85%	1.005%
16	11.256	878	881	883	rBV2	555139	757321	36.99%	5.431%
17	11.965	941	943	946	rBV	601241	525112	25.65%	3.766%
18	12.468	985	987	989	rBV	96872	120783	5.90%	0.866%
19	12.502	989	990	997	rVB	451925	452424	22.10%	3.244%
20	12.880	1020	1023	1025	rBV2	122161	182042	8.89%	1.305%
21	12.925	1025	1027	1038	rVB	818909	881541	43.06%	6.322%
22	13.657	1088	1091	1093	rBV	2247944	2047428	100.00%	14.683%
23	14.925	1200	1202	1205	rBV	568231	601155	29.36%	4.311%
24	16.823	1365	1368	1374	rVB	348604	578118	28.24%	4.146%

Sum of corrected areas: 13944533

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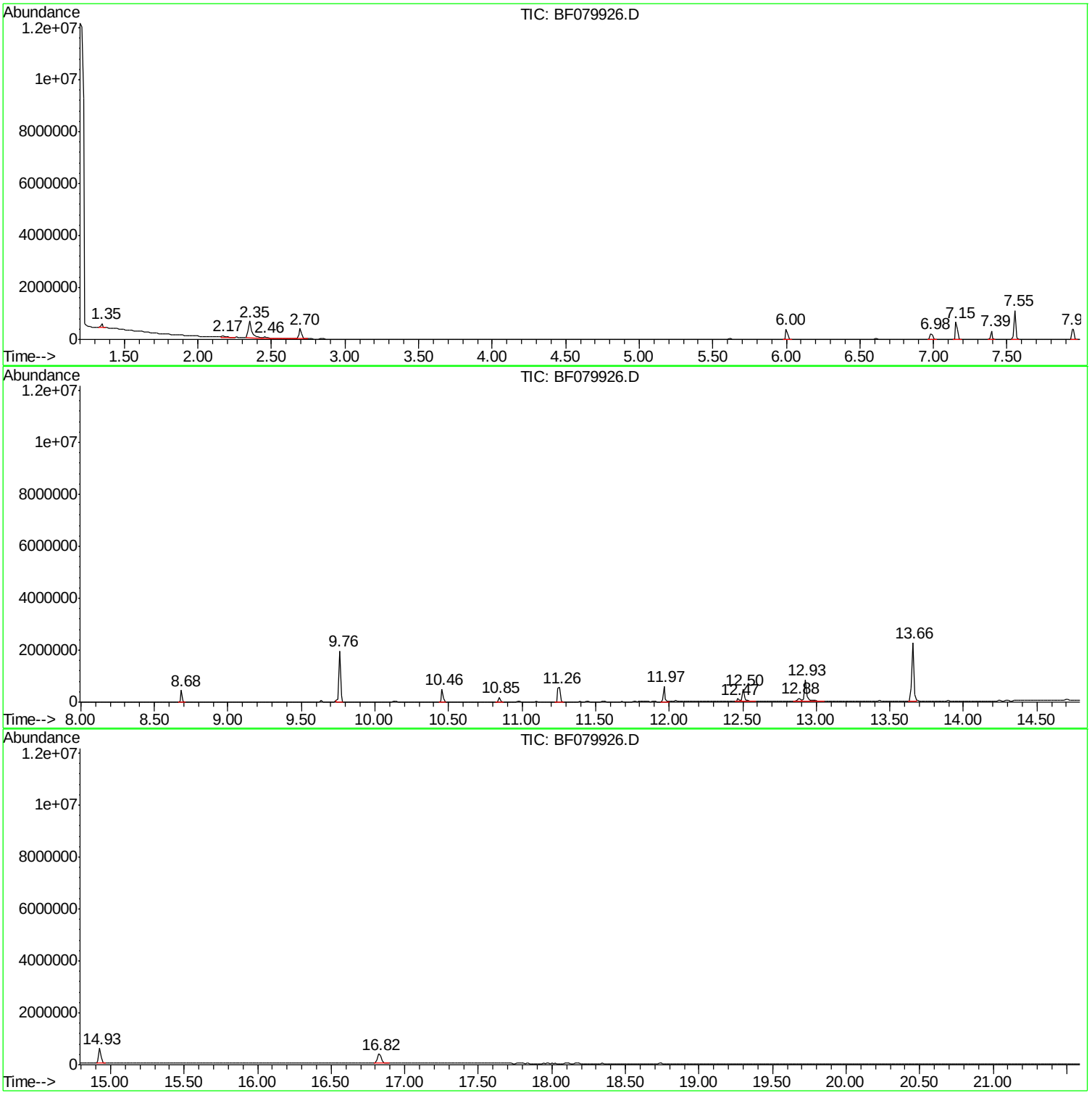
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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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Data File : BF079926.D
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Operator : TP/IZ
Sample : G2571-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

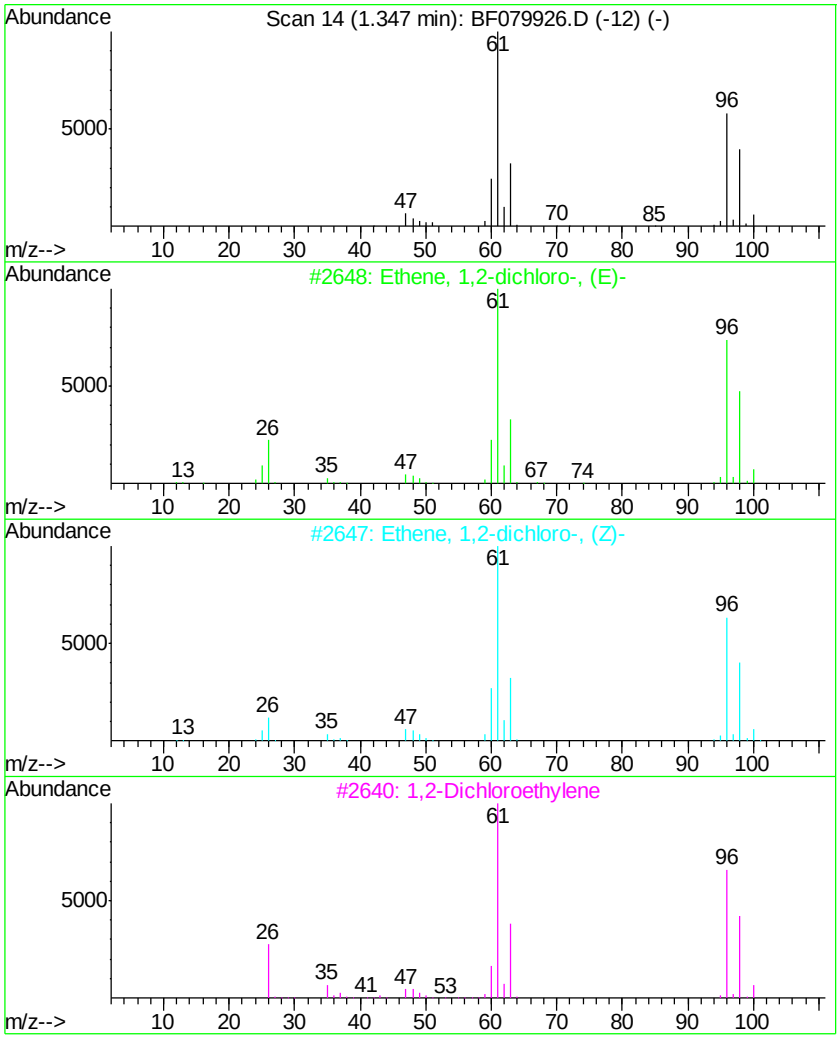
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

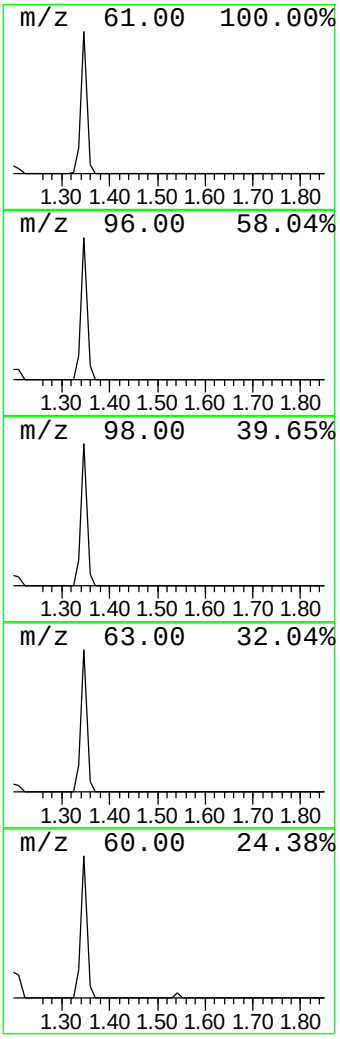
****

Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.35	12.40 ng	160815	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	97
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	96
3	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	94
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
5	Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	43





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Acq On : 12 Jun 2015 7:44
Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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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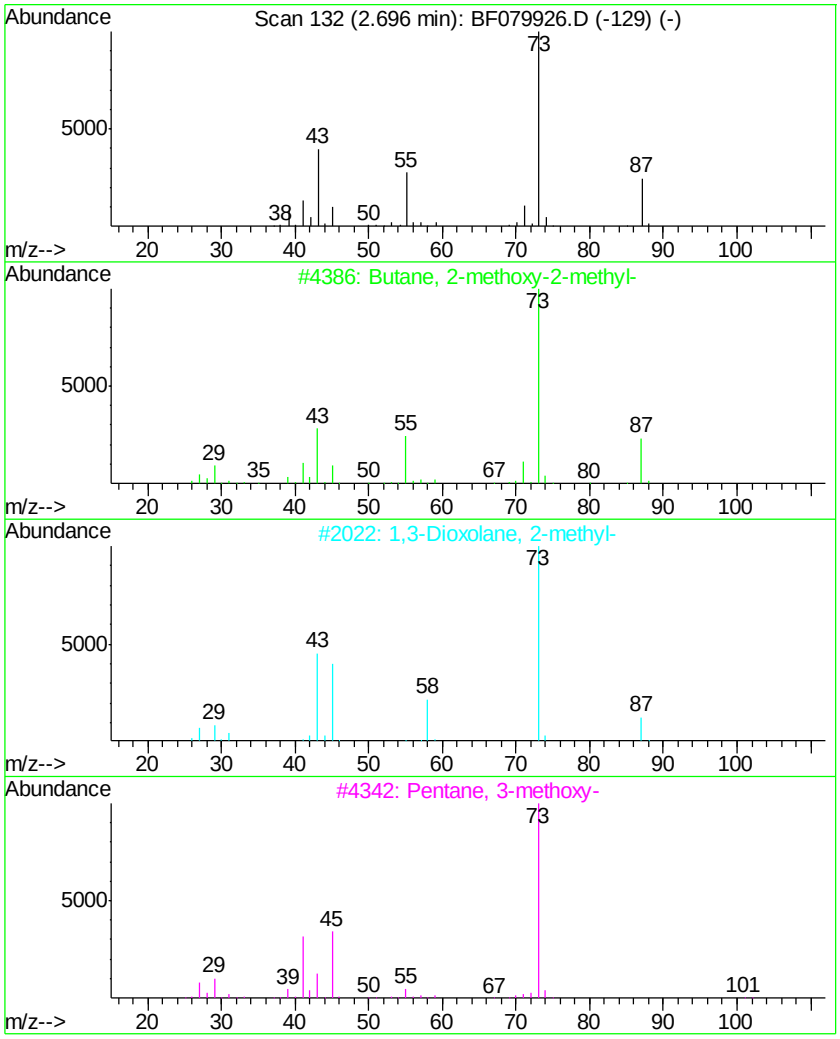
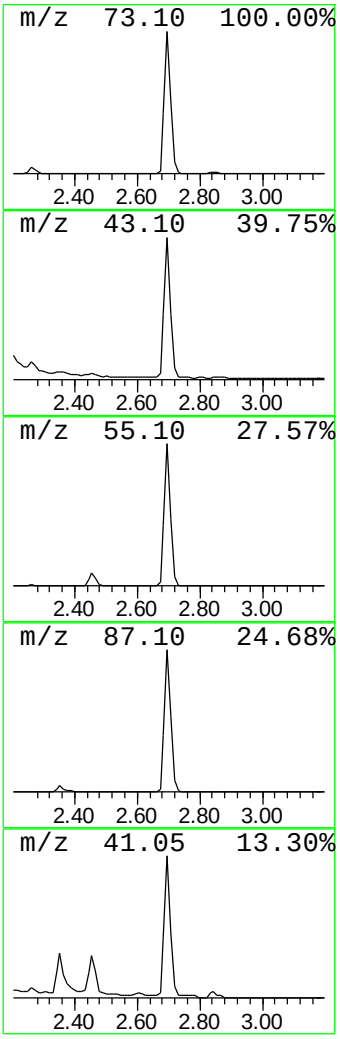
Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	42.50 ng	551241	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BF079926.D
Acq On : 12 Jun 2015 7:44
Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

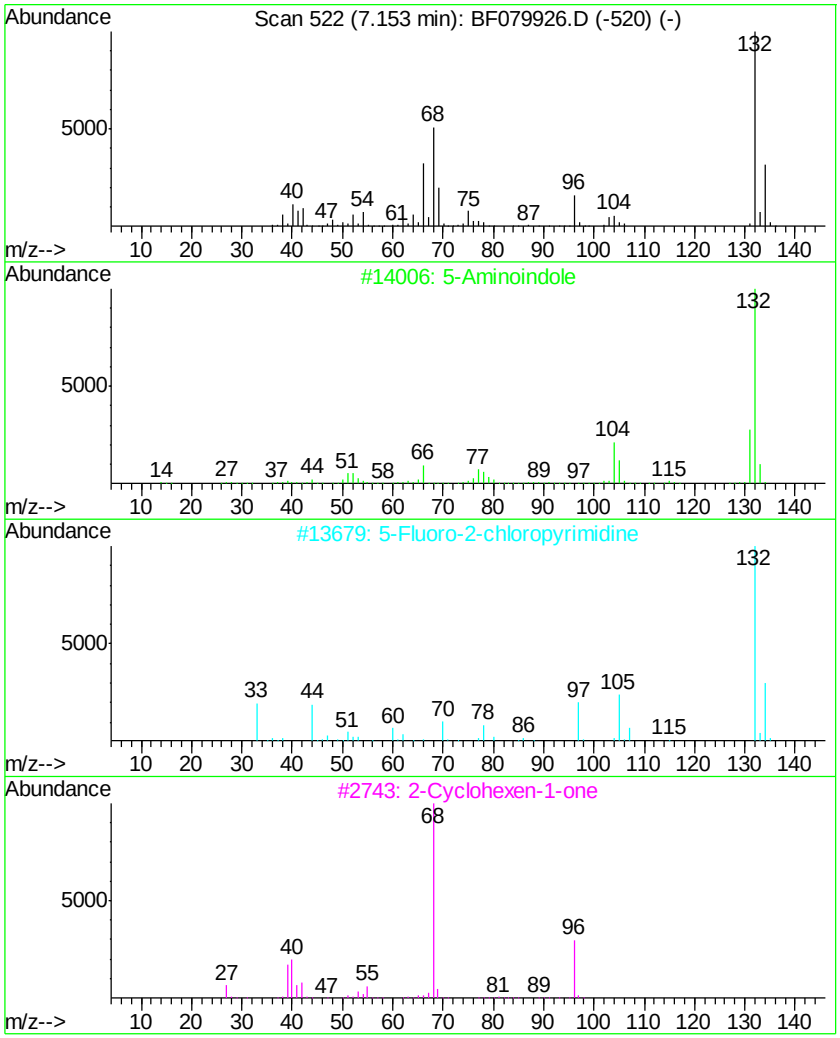
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

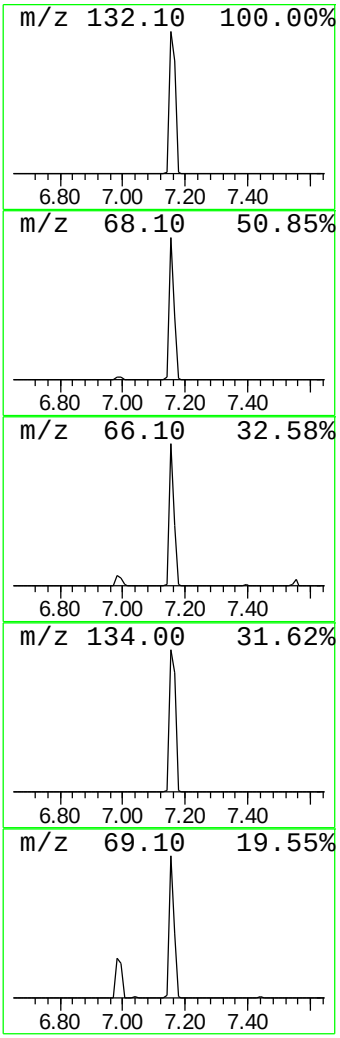
****

Peak Number 6 unknown7.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	56.41 ng	731604	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





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Acq On : 12 Jun 2015 7:44
Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

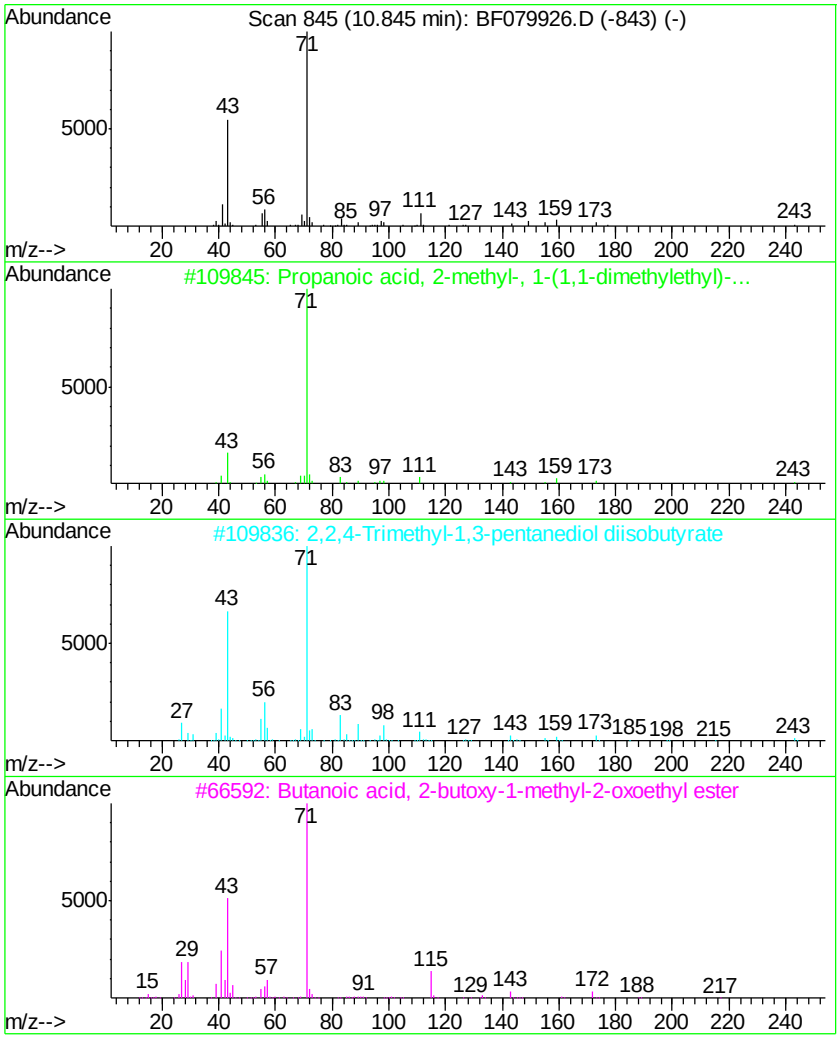
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

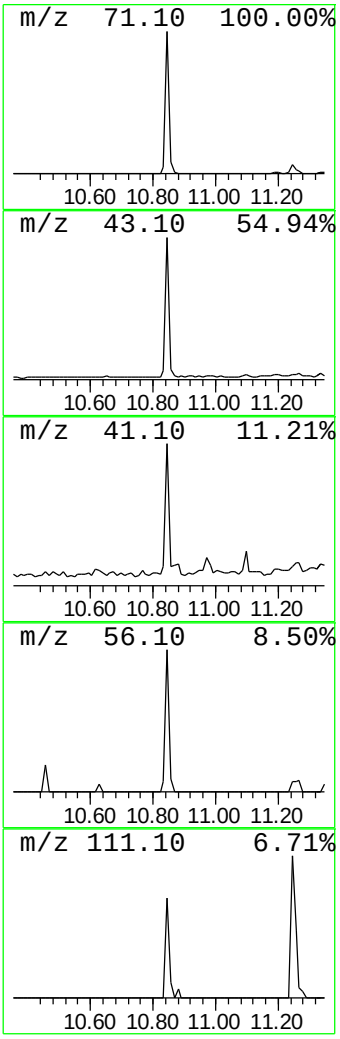
****

Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	6.42 ng	140200	Acenaphthene-d10	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	56
3	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	50
4	2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	50
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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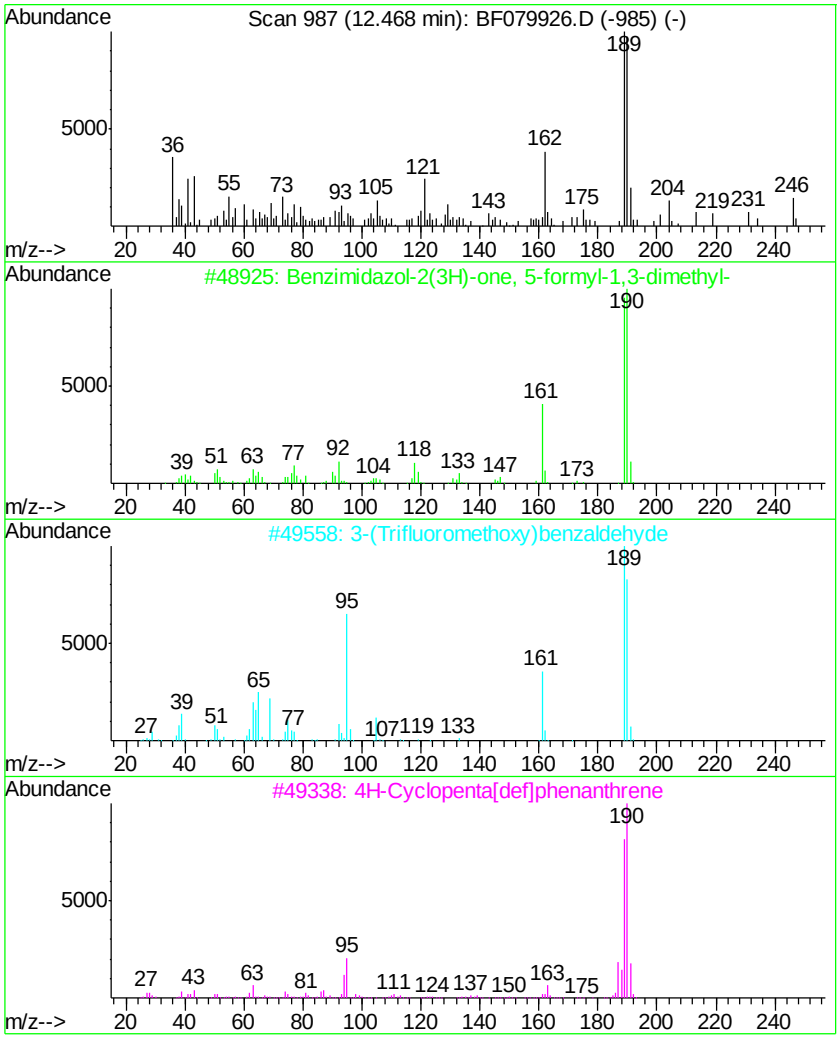
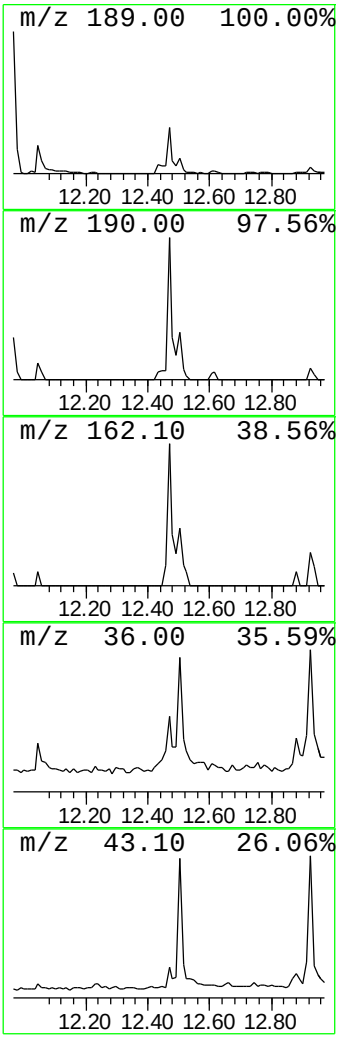
****

Peak Number 9 Benzimidazol-2(3H)-one, 5-f... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.60 ng	120783	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	52
2	3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Tricyclazole	189	C9H7N3S	041814-78-2	43
5	1,4-Naphthalenedione, 2,3-dihydr...	190	C10H6O4	000605-37-8	38





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

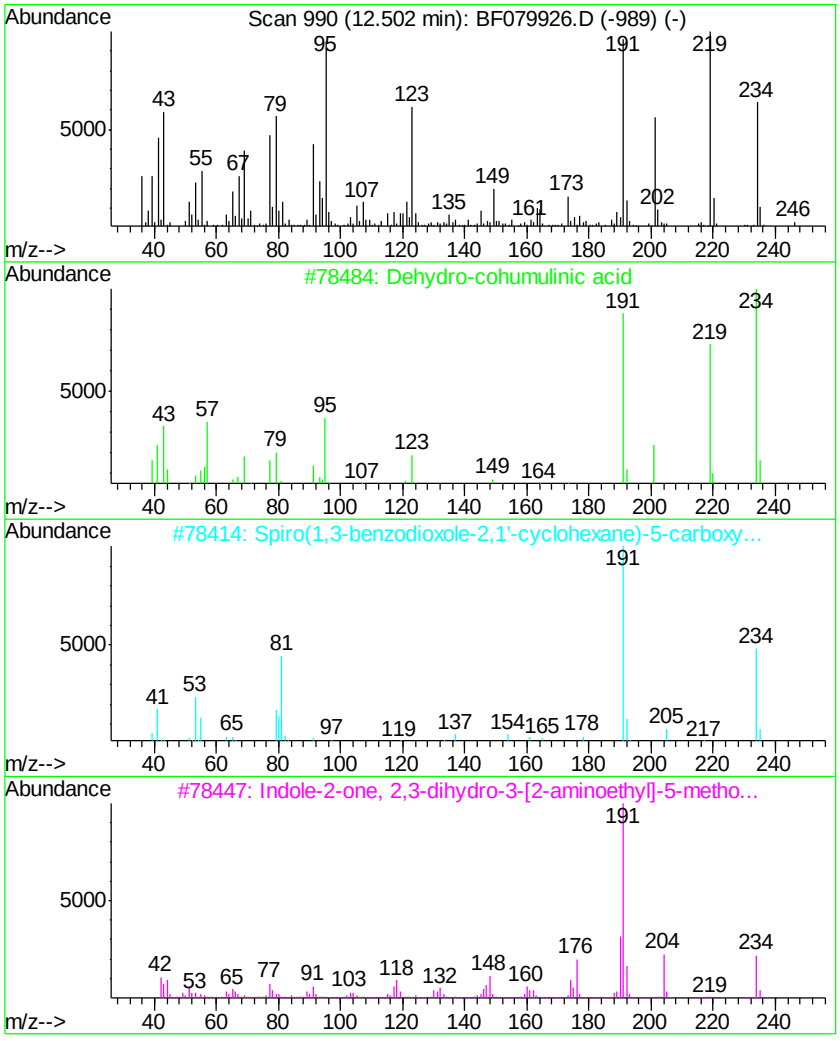
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

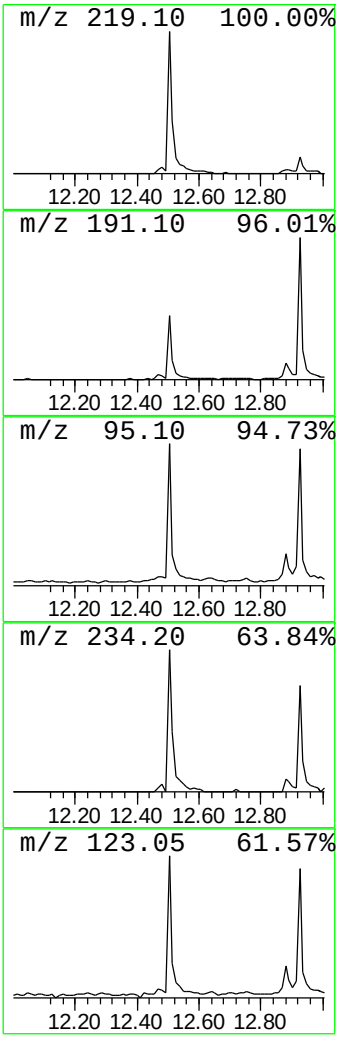
****

Peak Number 10 Dehydro-cohumulinic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	17.23 ng	452424	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydro-cohumulinic acid	234	C14H18O3	1000041-27-1	93
2	Spiro(1,3-benzodioxole-2,1'-cycl...	234	C13H14O4	056011-74-6	38
3	Indole-2-one, 2,3-dihydro-3-[2-a...	234	C13H18N2O2	040701-66-4	30
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	25
5	2-Propanone, 1-(5-phenyl-3H-1,2-...	234	C12H10OS2	027315-83-9	25





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Instrument : BNA_F
ClientSampleId : FM9W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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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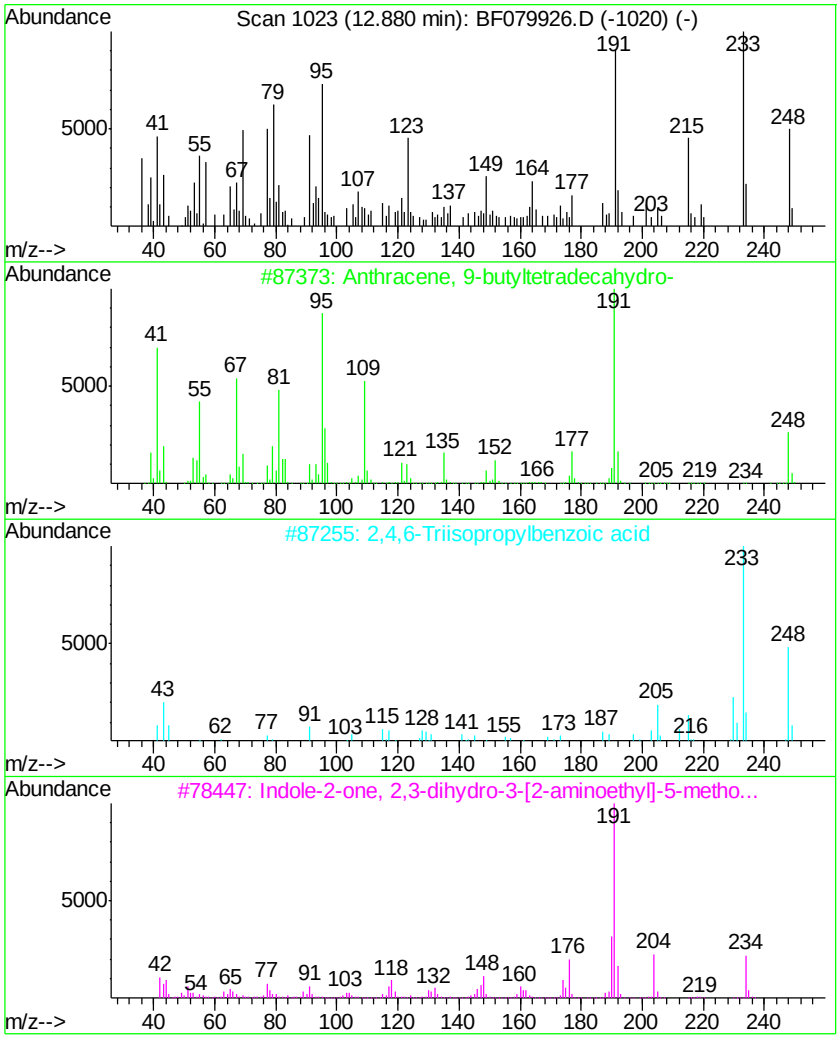
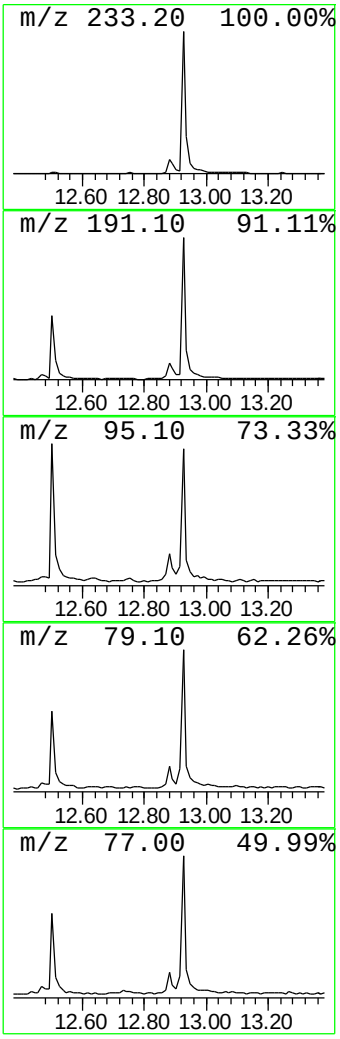
Peak Number 11 Anthracene, 9-butyltetradec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.93 ng	182042	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	50
2	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	38
3	Indole-2-one, 2,3-dihydro-3-[2-a...	234	C13H18N2O2	040701-66-4	25
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
5	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	25





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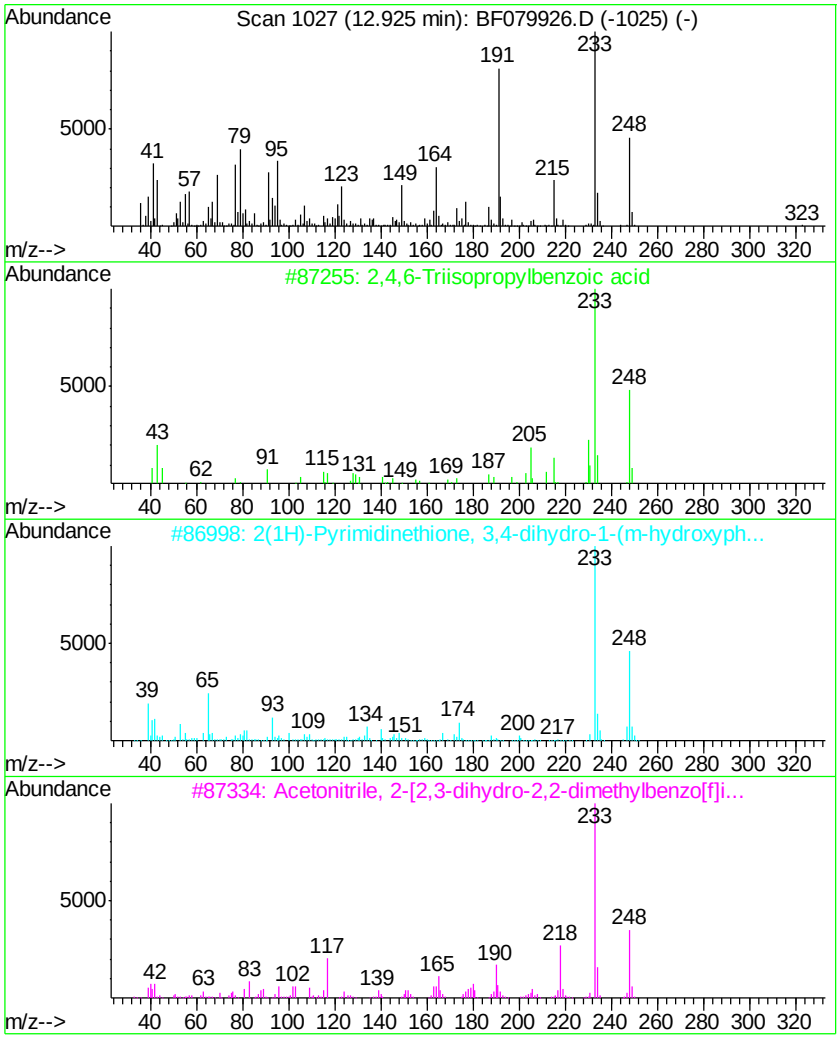
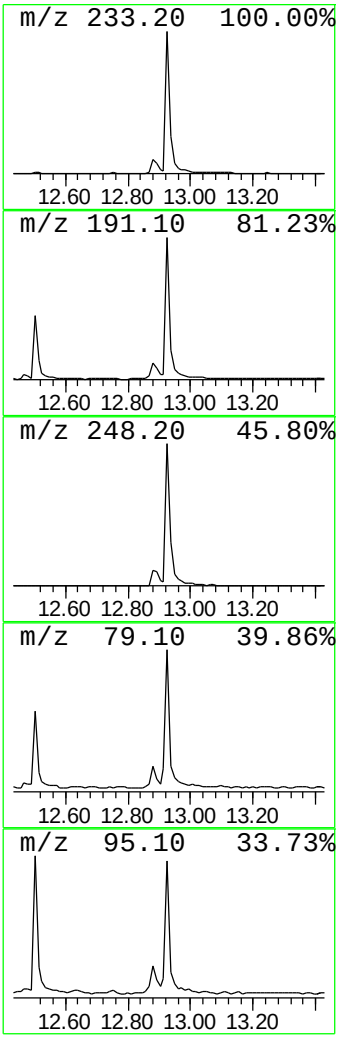
Peak Number 12 unknown12.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	33.58 ng	881541	Phenanthrene-d10	11.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	38
2	2(1H)-Pyrimidinethione, 3,4-dihy...	248	C13H16N2OS	063704-47-2	30
3	Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	27
4	3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	27
5	Amiphenazole	191	C9H9N3S	000490-55-1	25





Tentatively Identified Compound (LSC) summary

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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
Ethene, 1,2-dichl...	1.35	12.4	ng	160815	1	7.39	259381	20.0
Butane, 2-methoxy...	2.70	42.5	ng	551241	1	7.39	259381	20.0
unknown7.15	7.15	56.4	ng	731604	1	7.39	259381	20.0
Propanoic acid, 2...	10.85	6.4	ng	140200	3	10.46	436913	20.0
Benzimidazol-2(3H...	12.47	4.6	ng	120783	4	11.97	525112	20.0
Dehydro-cohumulin...	12.50	17.2	ng	452424	4	11.97	525112	20.0
Anthracene, 9-but...	12.88	6.9	ng	182042	4	11.97	525112	20.0
unknown12.93	12.93	33.6	ng	881541	4	11.97	525112	20.0