LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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-BF113015.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	4.636	256	258	273	rVB	416186	737190	12.40%	1.518%
2	5.116	298	300	315	rBV	2677343	2959202	49.77%	6.092%
3	6.201	392	395	402	rBV	1726766	2010816	33.82%	4.140%
4	6.304	402	404	406	rVV	4971232	5021861	84.47%	10.338%
5	6.396	409	412	417	rVB	43252	69291	1.17%	0.143%
6	6.522	421	423	426	rBV	920732	1082248	18.20%	2.228%
7	6.682	435	437	440	rBV	3715617	4208194	70.78%	8.663%
8	7.104	471	474	476	rBV	3461272	3628586	61.03%	7.470%
9	7.550	511	513	516	rVB	163325	209247	3.52%	0.431%
10	7.813	534	536	539	rBV	1384991	1353428	22.76%	2.786%
11	8.567	599	602	609	rVB	93025	156644	2.63%	0.322%
12	8.670	609	611	616	rBV5	30482	79238	1.33%	0.163%
13	8.773	618	620	622	rBV	309248	283023	4.76%	0.583%
14	8.842	622	626	628	rBV3	39580	78429	1.32%	0.161%
15	8.899	628	631	633	rBV	6120433	5945349	100.00%	12.240%
16	9.242	655	661	663	rBV	142250	215092	3.62%	0.443%
17	9.299	664	666	668	rVB	144898	151599	2.55%	0.312%
18	9.425	675	677	681	rVB	219939	254406	4.28%	0.524%
19	9.562	687	689	691	rBV	1525839	1426389	23.99%	2.937%
20	9.905	717	719	723	rVB2	64100	113394	1.91%	0.233%
21	9.985	724	726	728	rBV2	53583	74498	1.25%	0.153%
22	10.179	740	743	745	rVB2	58064	83876	1.41%	0.173%
23	10.248	745	749	752	rBV5	22679	63041	1.06%	0.130%
24	10.350	755	758	761	rBV	3074539	3226449	54.27%	6.642%
25	10.499	769	771	774	rVB	266873	333251	5.61%	0.686%
26	10.556	774	776	777	rBV	786217	740440	12.45%	1.524%
27	10.591	777	779	781	rVV2	762261	1075093	18.08%	2.213%
28	10.625	781	782	786	rVV2	707688	1239224	20.84%	2.551%
29	10.716	786	790	791	rVV2	292101	681301	11.46%	1.403%
30	10.751	791	793	795	rVV2	604134	881984	14.83%	1.816%
31	10.785	795	796	799	rVV	665217	938681	15.79%	1.932%
32	10.831	799	800	803	rVB	432038	431208	7.25%	0.888%
33	10.991	812	814	818	rVB2	198407	273032	4.59%	0.562%
34	11.093	821	823	826	rVV	1096050	1118295	18.81%	2.302%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.185	828	831	835	rVB4	50720	122609	2.06%	0.252%
36	11.368	845	847	851	rVB2	72082	111336	1.87%	0.229%
37	11.699	873	876	879	rBV2	103819	232713	3.91%	0.479%
38	11.791	882	884	887	rVV3	165505	285242	4.80%	0.587%
39	11.882	890	892	895	rVB3	48490	84695	1.42%	0.174%
40	11.939	895	897	900	rVB2	112624	160239	2.70%	0.330%
41	12.008	901	903	905	rBV2	51185	77626	1.31%	0.160%
42	12.111	910	912	915	rVV	76477	134522	2.26%	0.277%
43	12.168	915	917	921	rVB	42178	65466	1.10%	0.135%
44	12.865	975	978	984	rBV2	169100	289225	4.86%	0.595%
45	13.185	1002	1006	1009	rBV	3103539	3969341	66.76%	8.172%
46	14.625	1129	1132	1136	rBV	32377	62529	1.05%	0.129%
47	14.705	1136	1139	1142	rBV	698664	946320	15.92%	1.948%
48	16.191	1266	1269	1272	rBV	42319	71432	1.20%	0.147%
49	16.774	1317	1320	1325	rVB	547383	749856	12.61%	1.544%
50	18.774	1492	1495	1501	rVB8	23860	67224	1.13%	0.138%

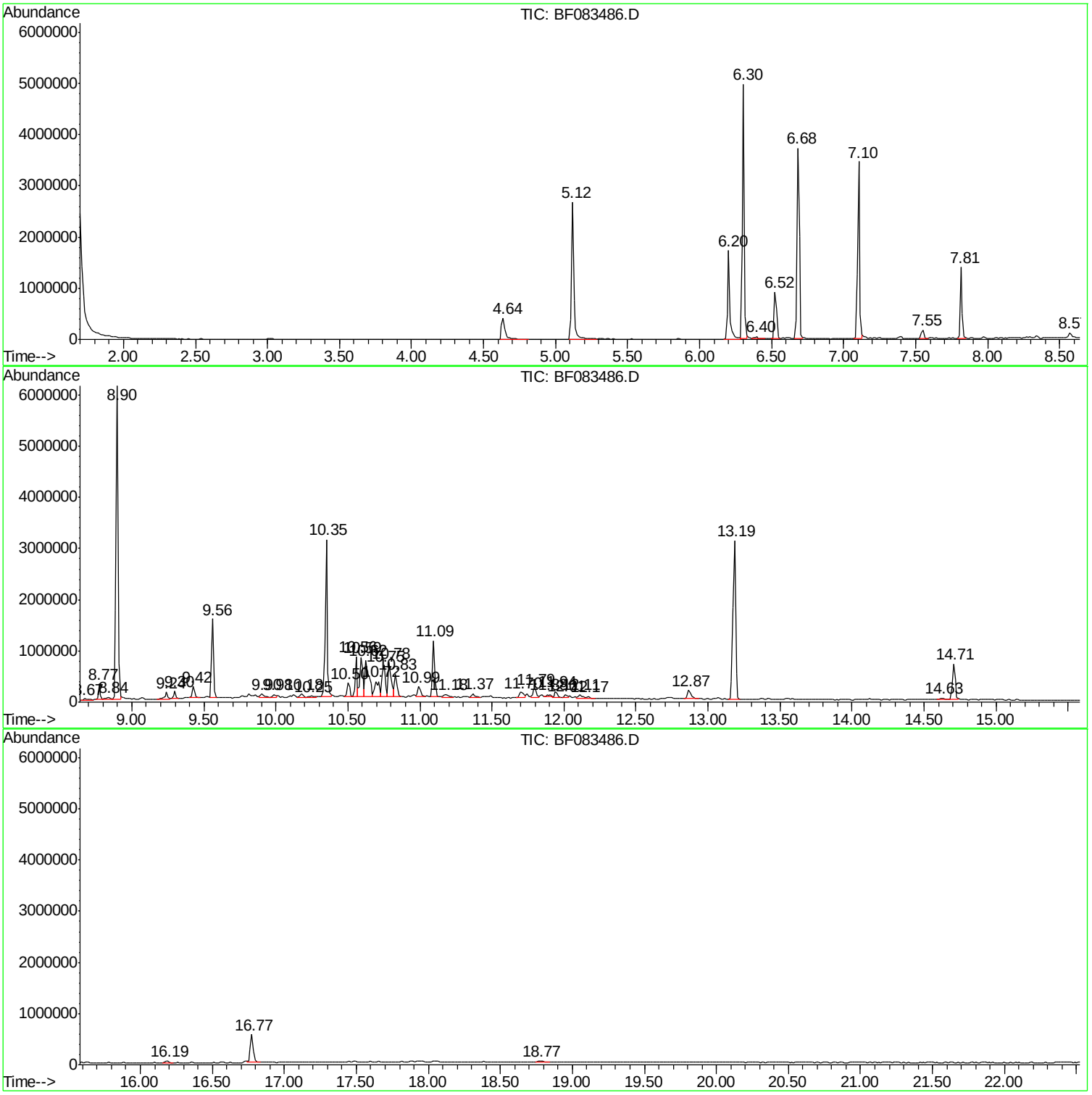
Sum of corrected areas: 48574374

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

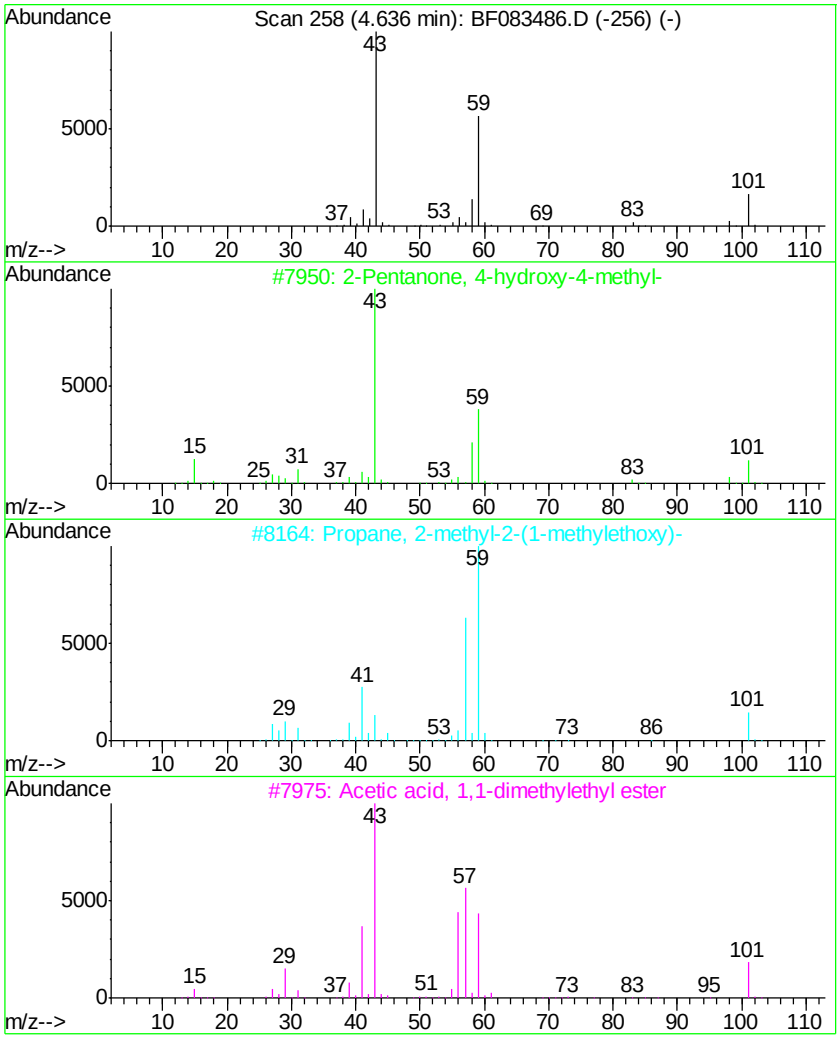
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

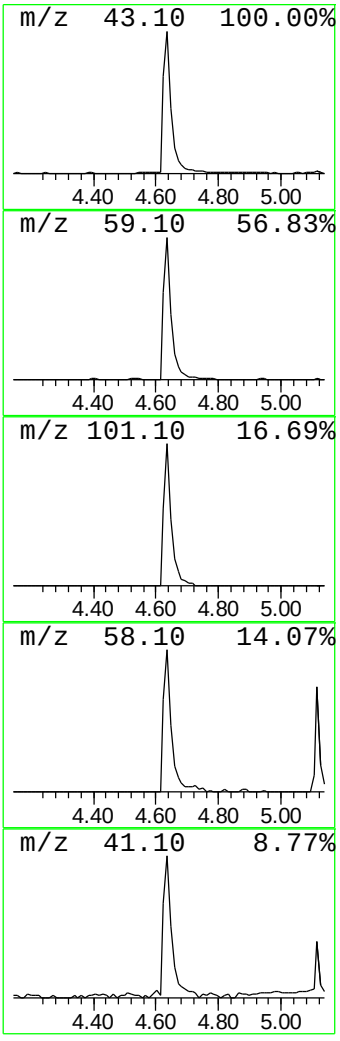
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	13.62 ng	737190	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

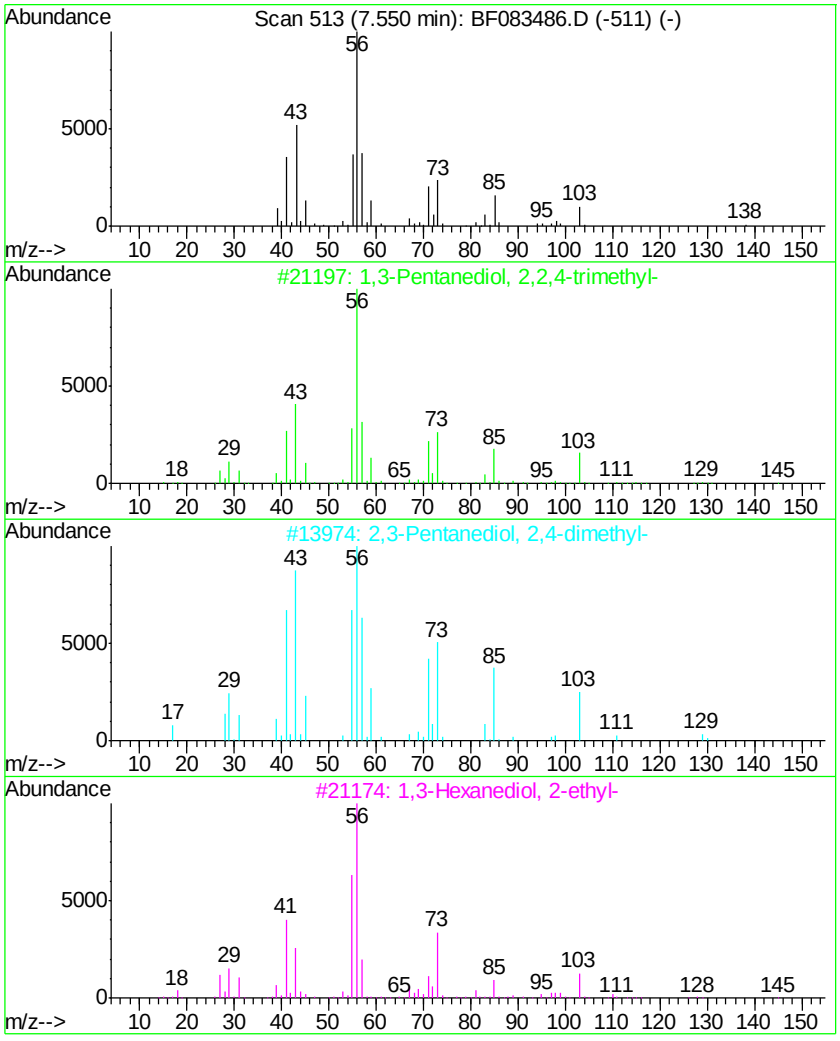
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

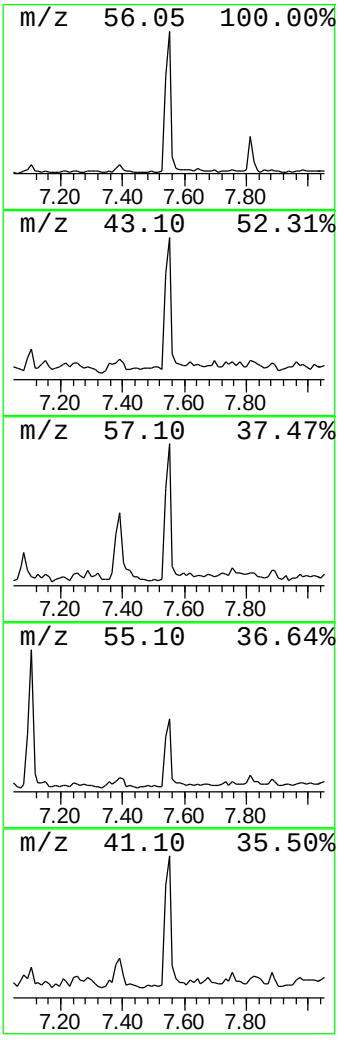
****

Peak Number 4 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.09 ng	209247	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	53
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	36
4	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	36
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

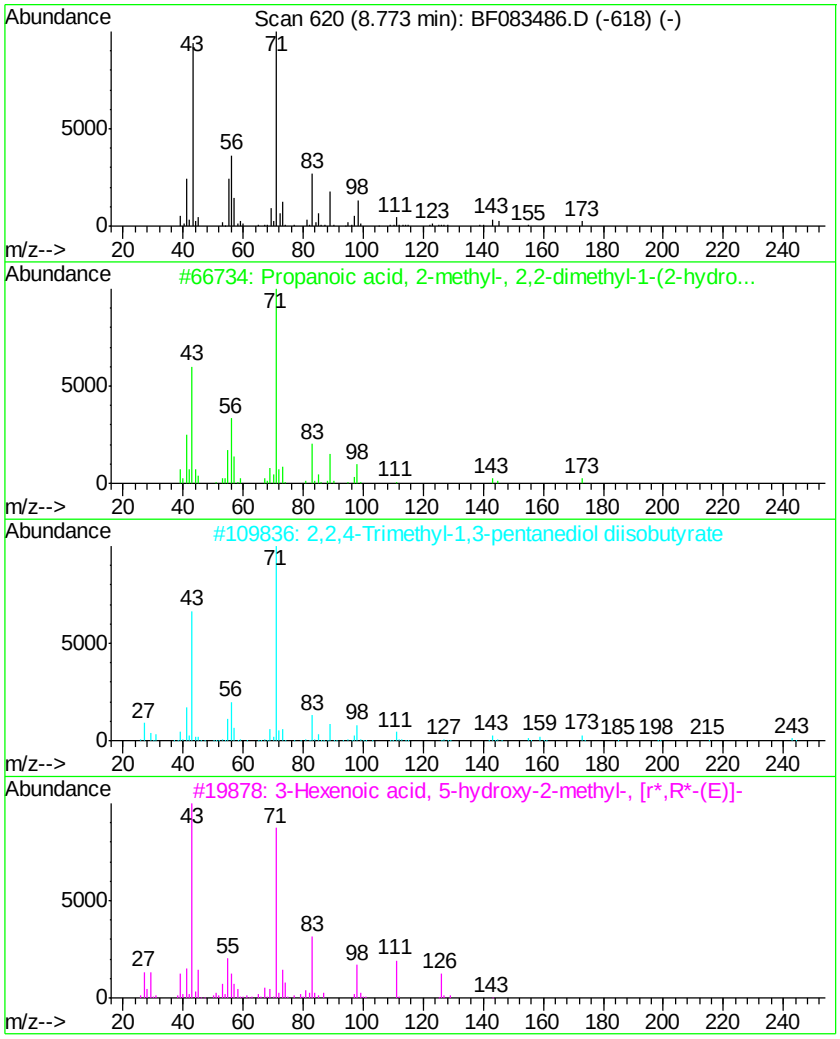
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

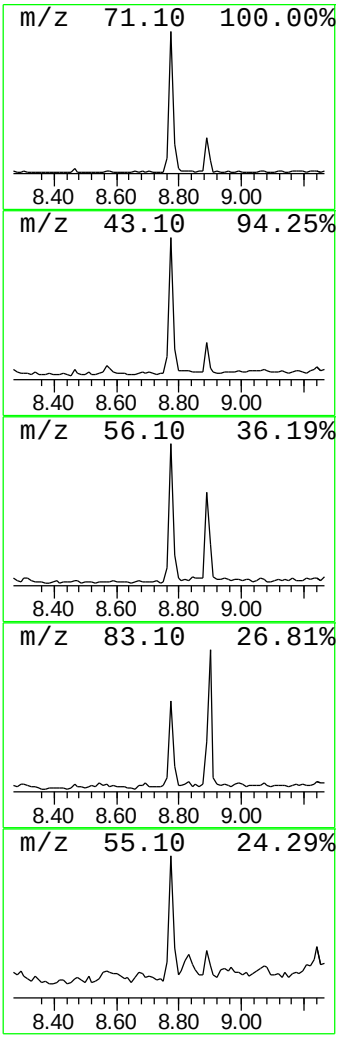
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.97 ng	283023	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	91
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	50
4	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	42
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

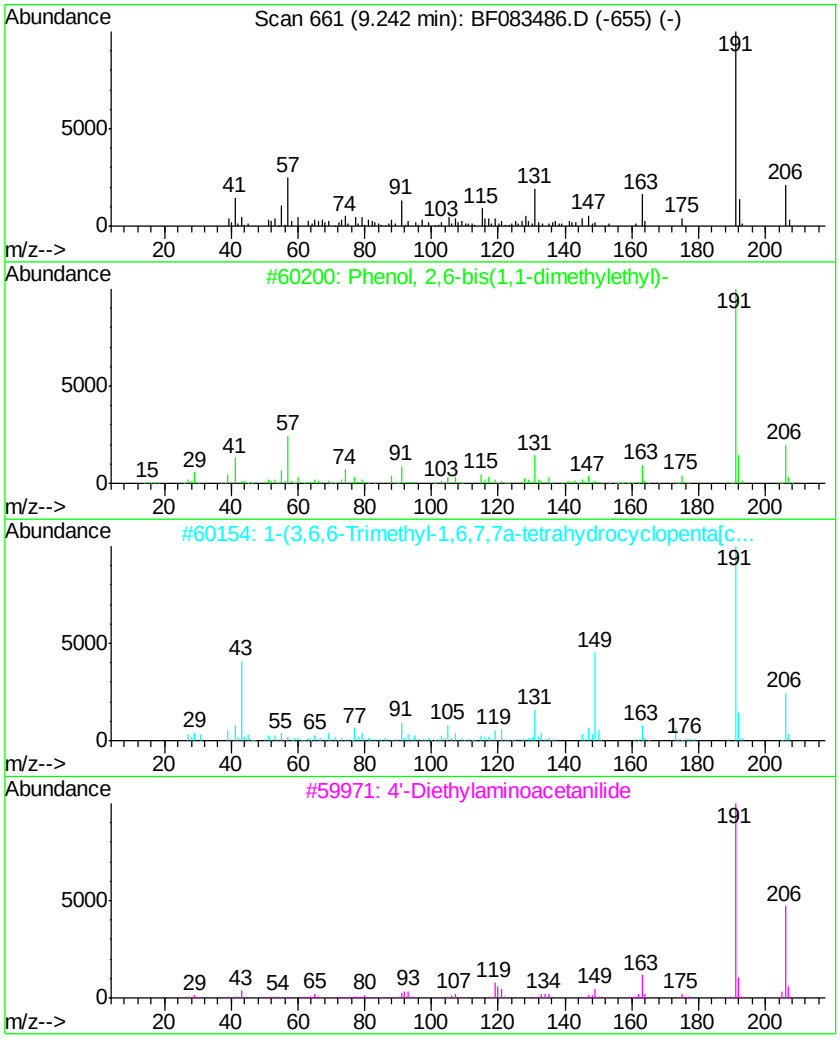
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

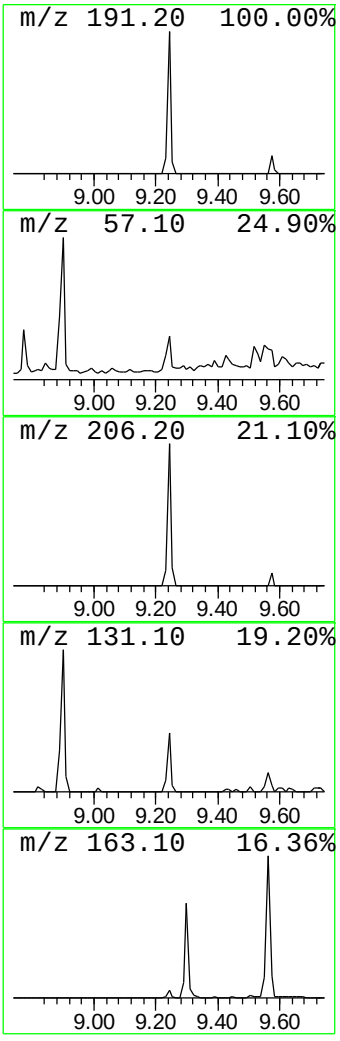
****

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.02 ng	215092	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	83
3	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	74
4	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	72
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

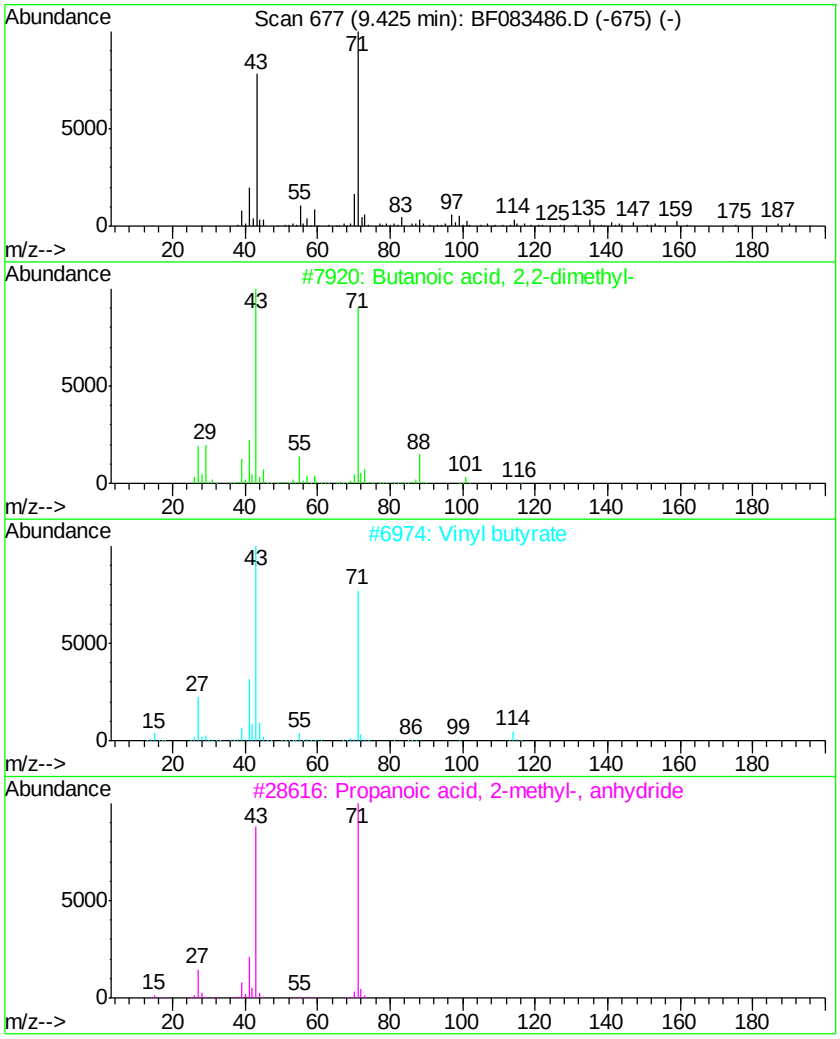
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

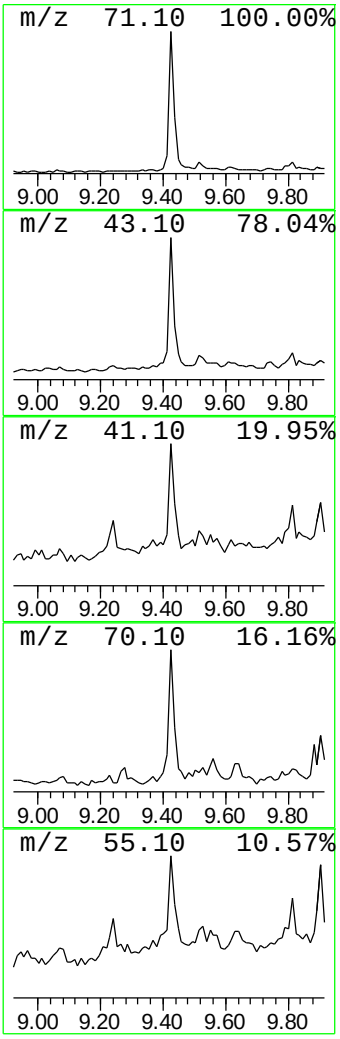
****

Peak Number 7 Butanoic acid, 2,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.57 ng	254406	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2,2-dimethyl-	116	C6H12O2	000595-37-9	72
2	Vinyl butyrate	114	C6H10O2	000123-20-6	64
3	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	59
4	4-Heptanone	114	C7H14O	000123-19-3	59
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

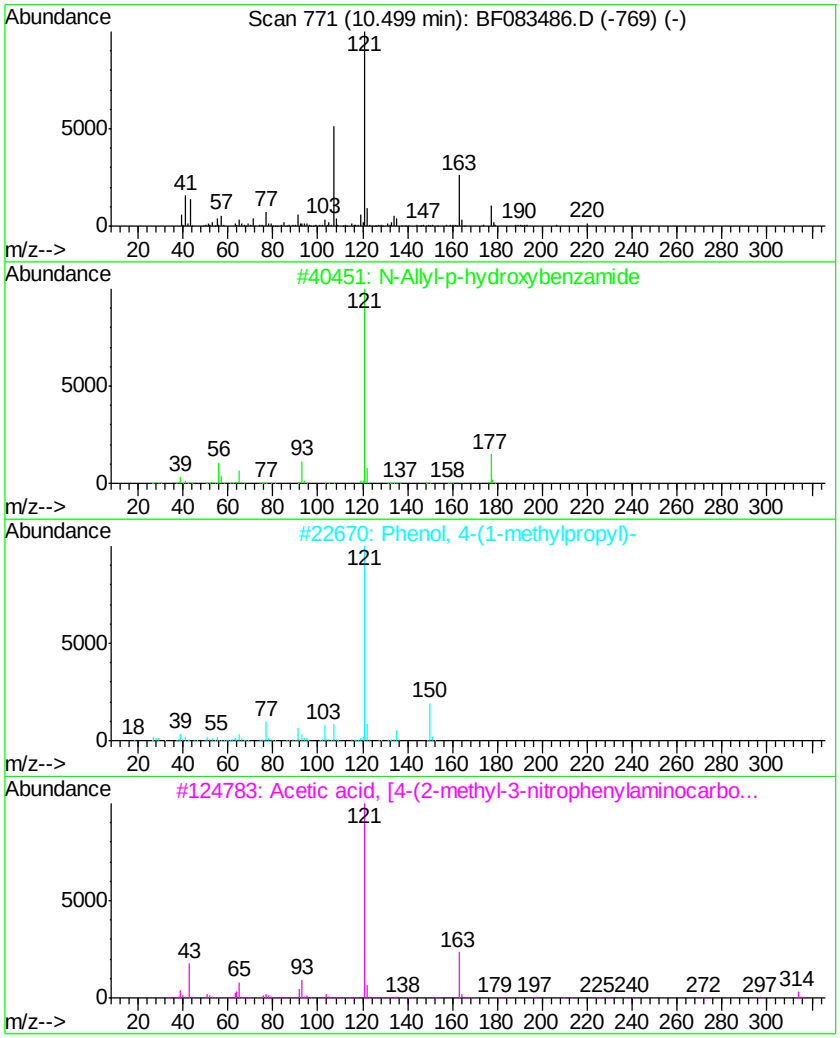
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

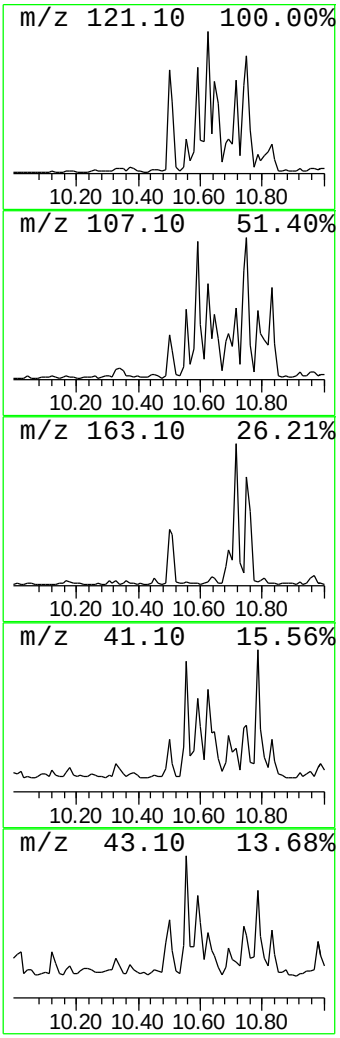
****

Peak Number 8 unknown10.50 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	5.96 ng	333251	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
3	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	38
4	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	38
5	4-Hexylanisole	192	C13H20O	081693-80-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

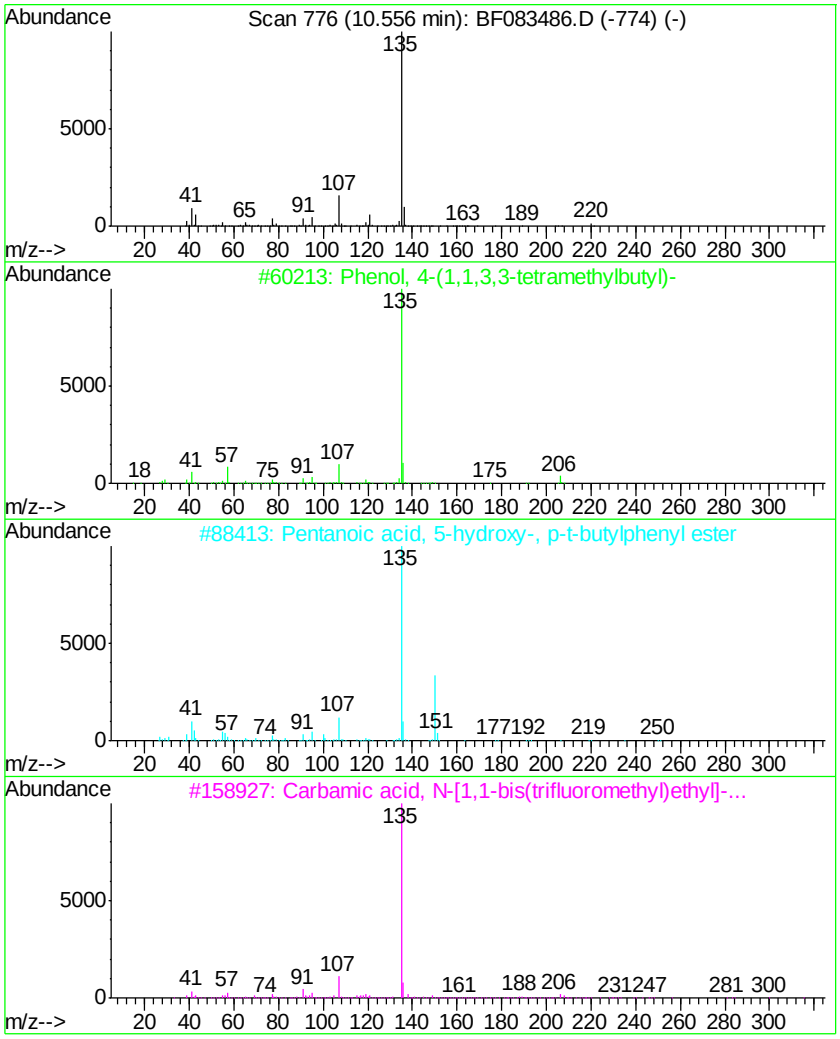
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

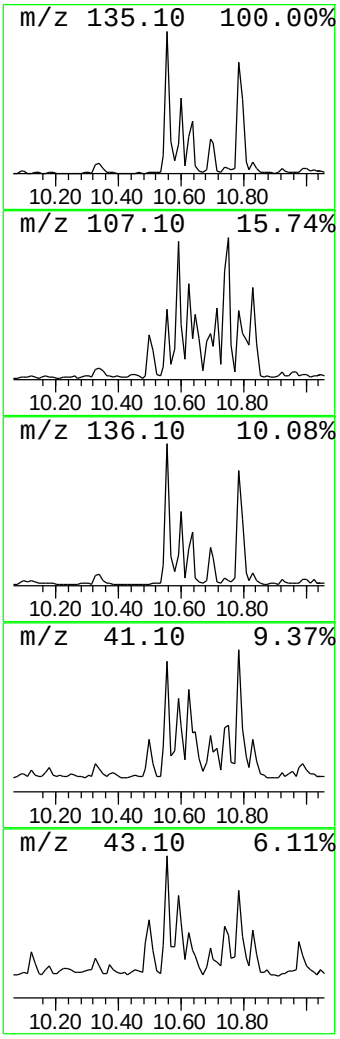
****

Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	13.24 ng	740440	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
4	1-Adamantanecarboxylic acid, 2-a...	314	C21H30O2	1000282-94-3	50
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

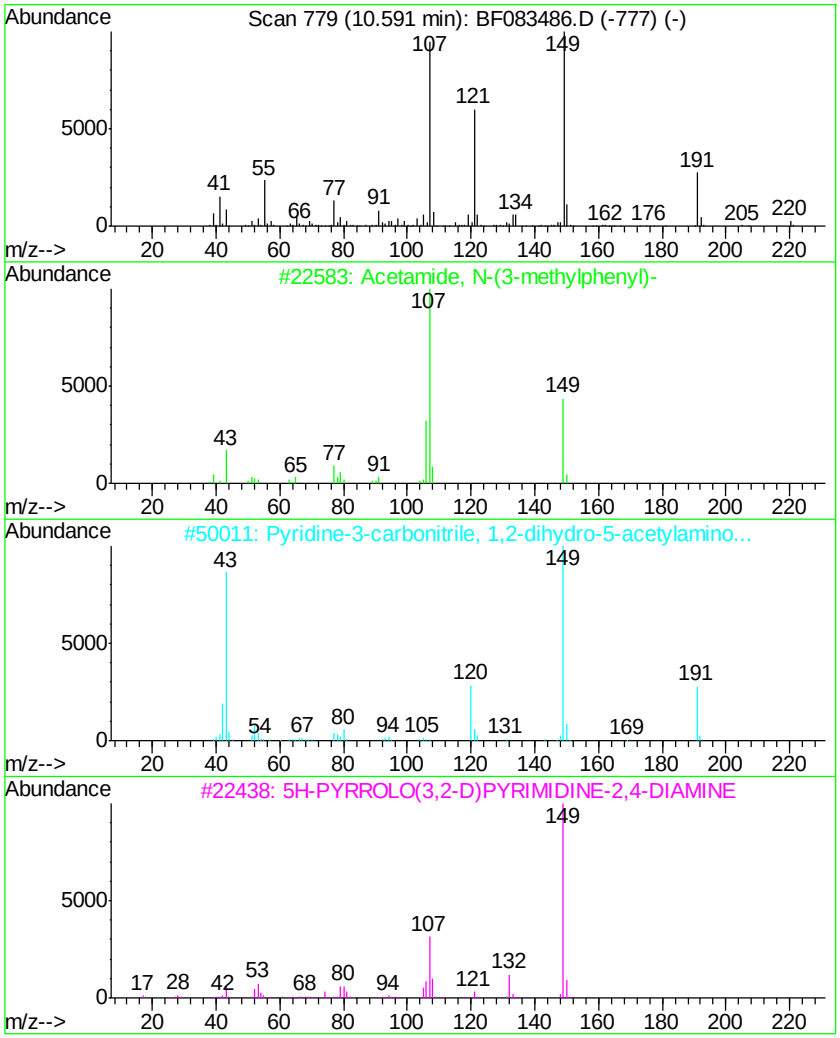
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

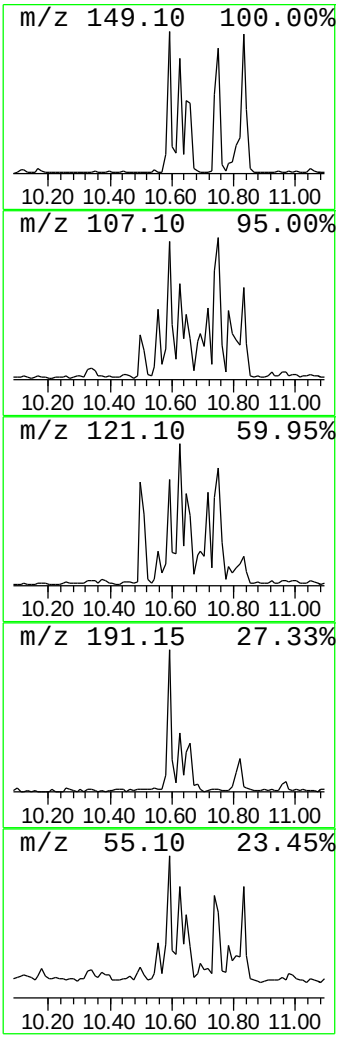
****

Peak Number 10 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	19.23 ng	1075090	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
4	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	35
5	6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

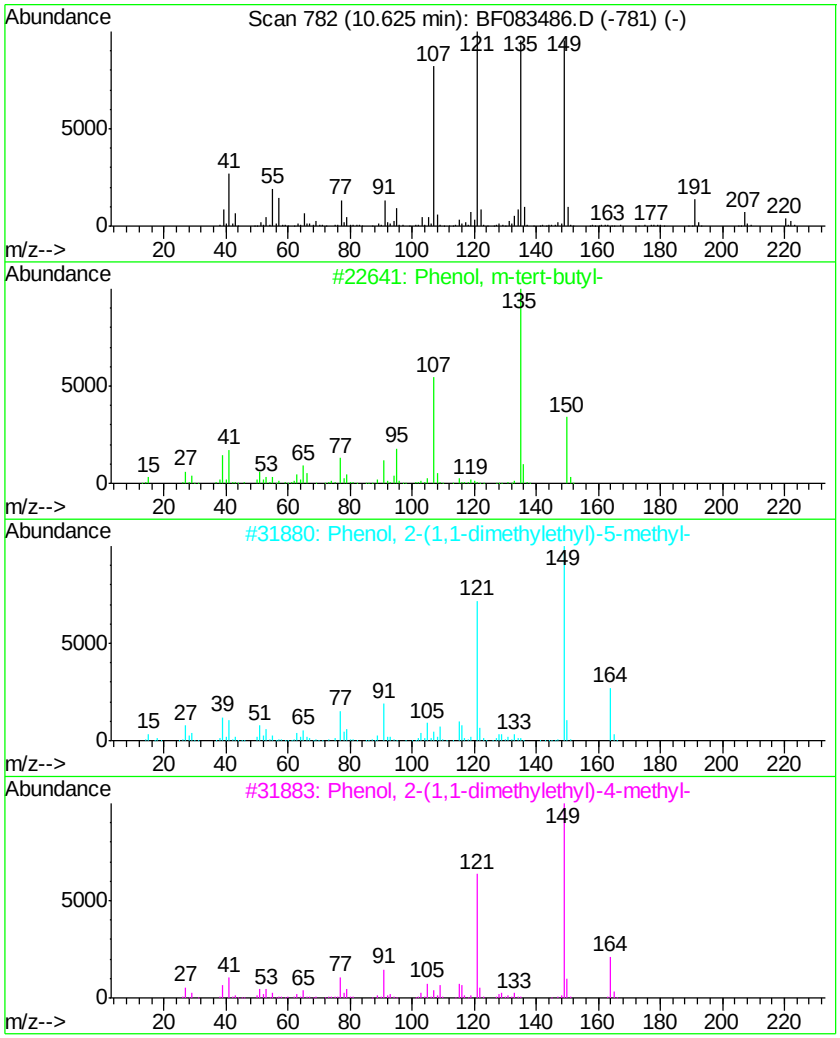
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

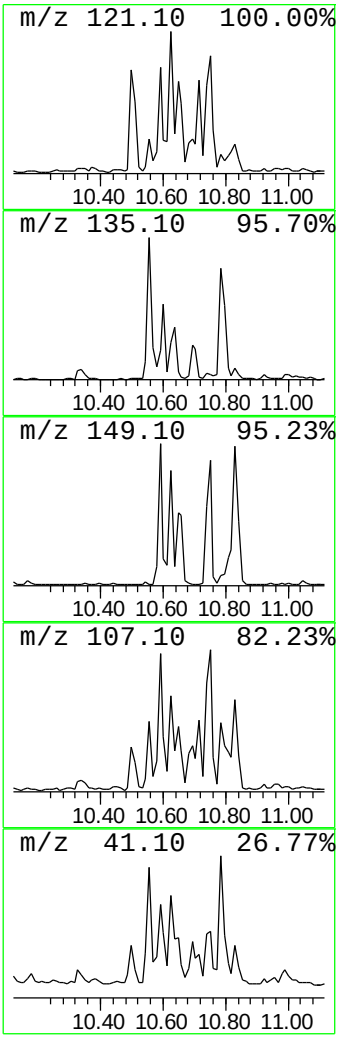
****

Peak Number 11 unknown10.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	22.16 ng	1239220	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
2	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	35
4	2-Ethyl-4-methylanisole	150	C10H14O	079744-78-8	18
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

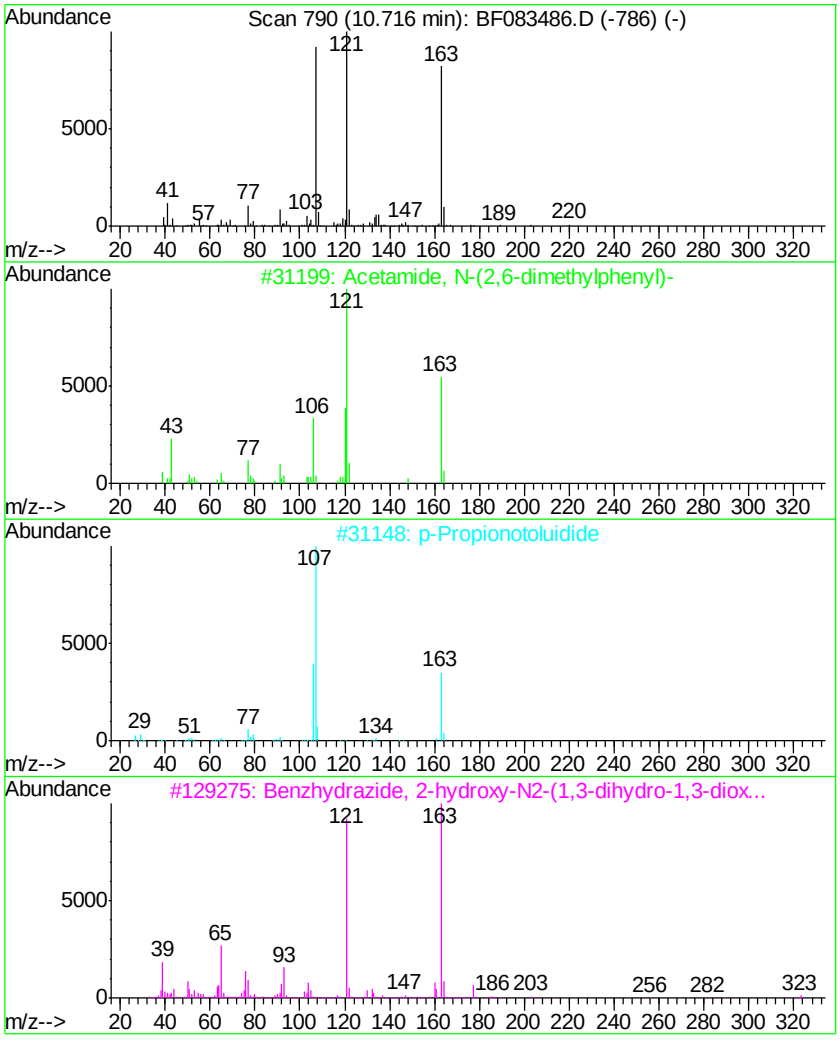
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

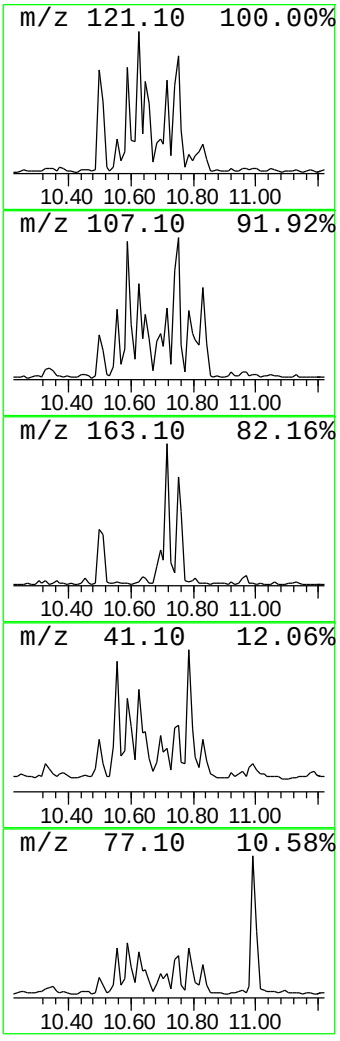
****

Peak Number 12 Acetamide, N-(2,6-dimethylp... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	12.18 ng	681301	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	47
3	Benzhydrazide, 2-hydroxy-N2-(1,3...	323	C17H13N3O4	1000265-07-6	40
4	4-Butylbenzyl alcohol	164	C11H16O	060834-63-1	38
5	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

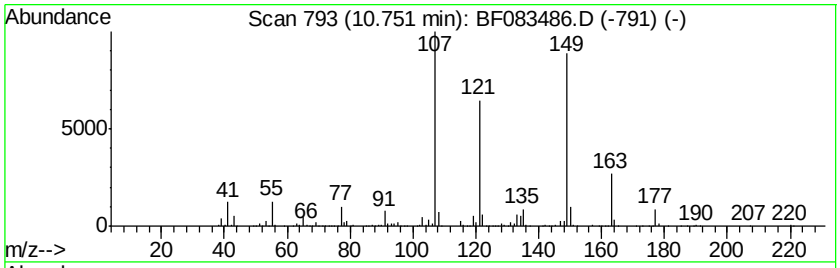
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

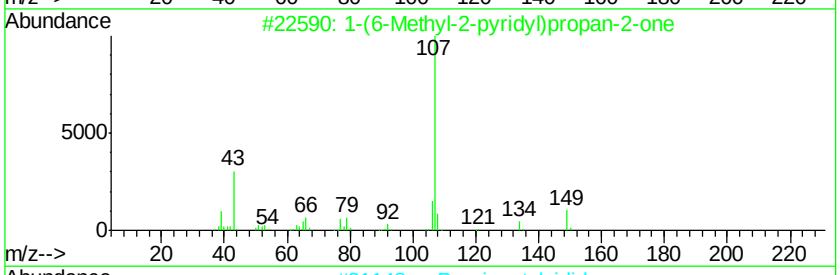
****

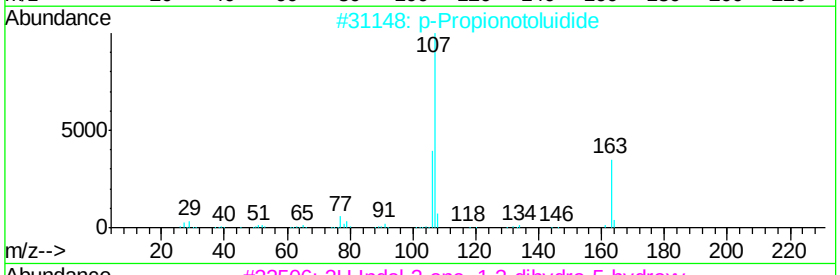
Peak Number 13 unknown10.75 Concentration Rank 6

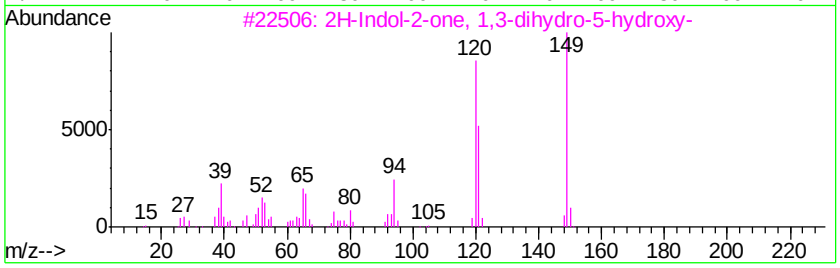
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	15.77 ng	881984	Phenanthrene-d10	11.09

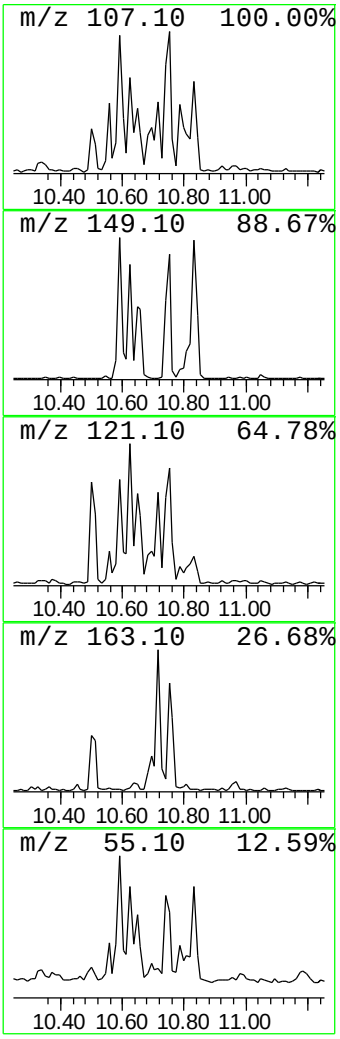
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	45
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	35
3	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35
4	6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35
5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	32











Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

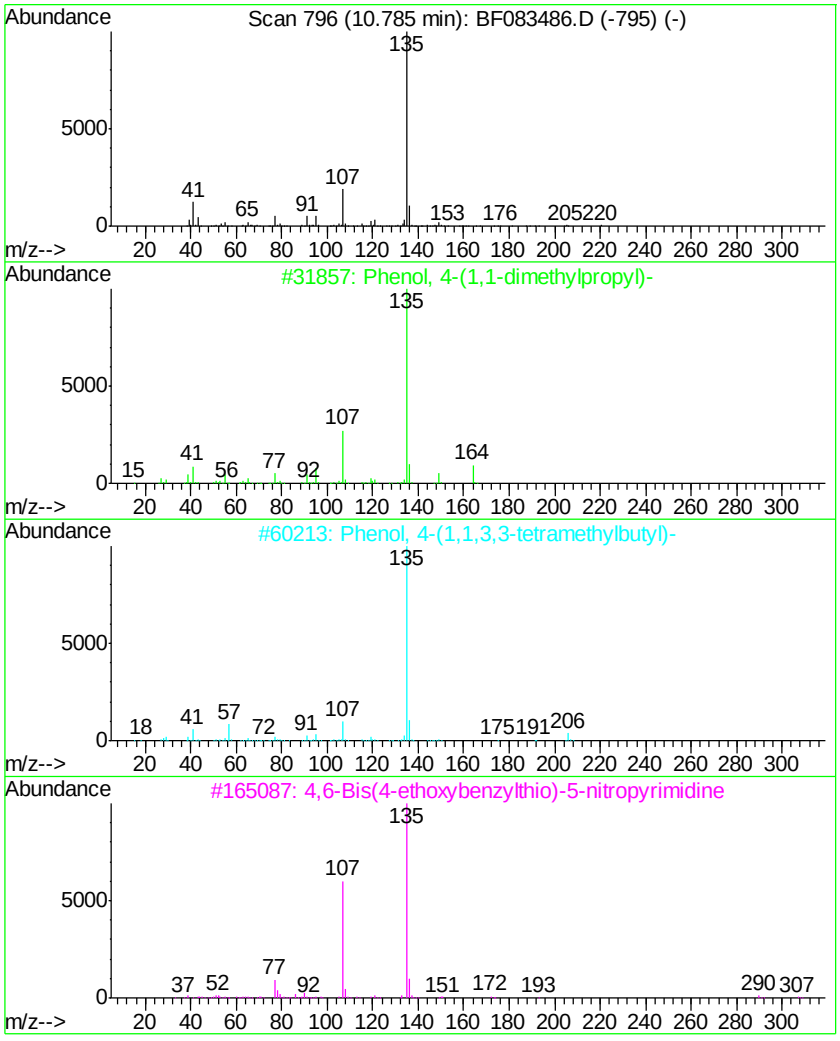
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

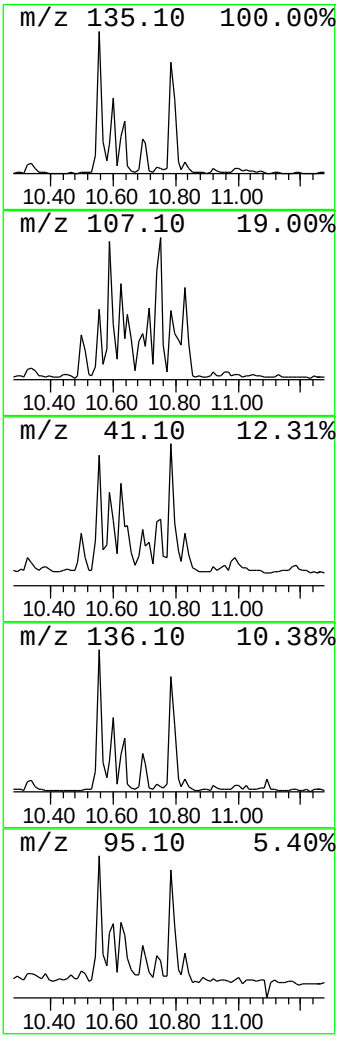
****

Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	16.79 ng	938681	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	72
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

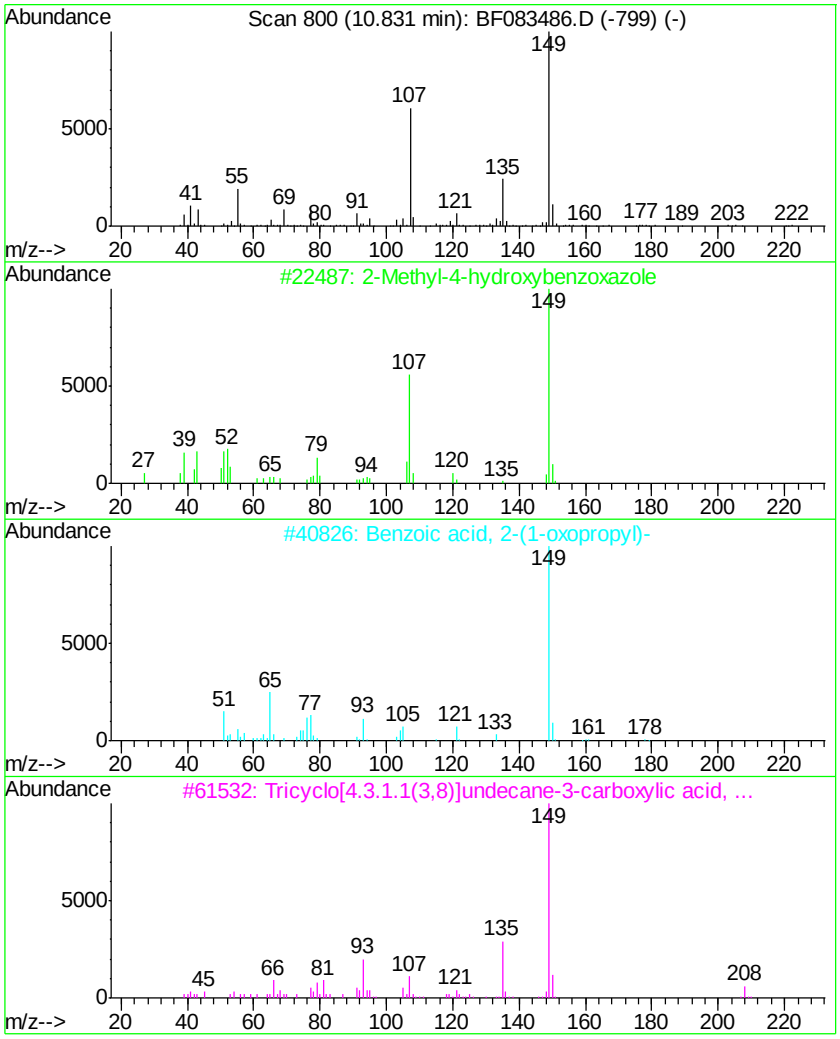
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

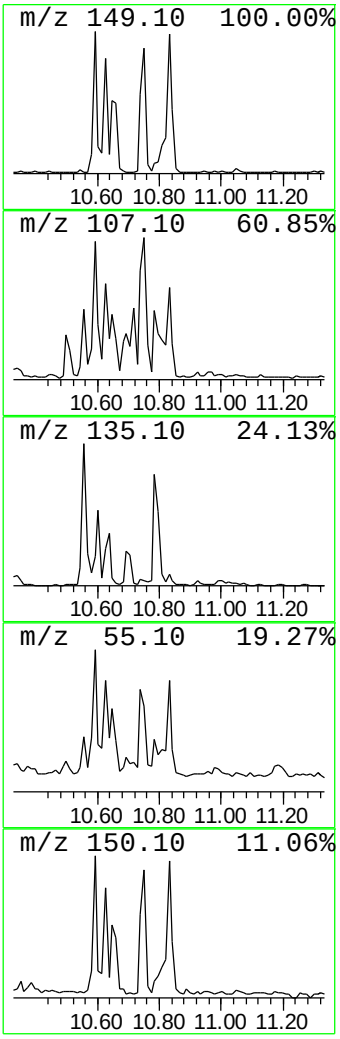
****

Peak Number 15 2-Methyl-4-hydroxybenzoxazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	7.71 ng	431208	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
2	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	43
3	Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	42
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	38
5	Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

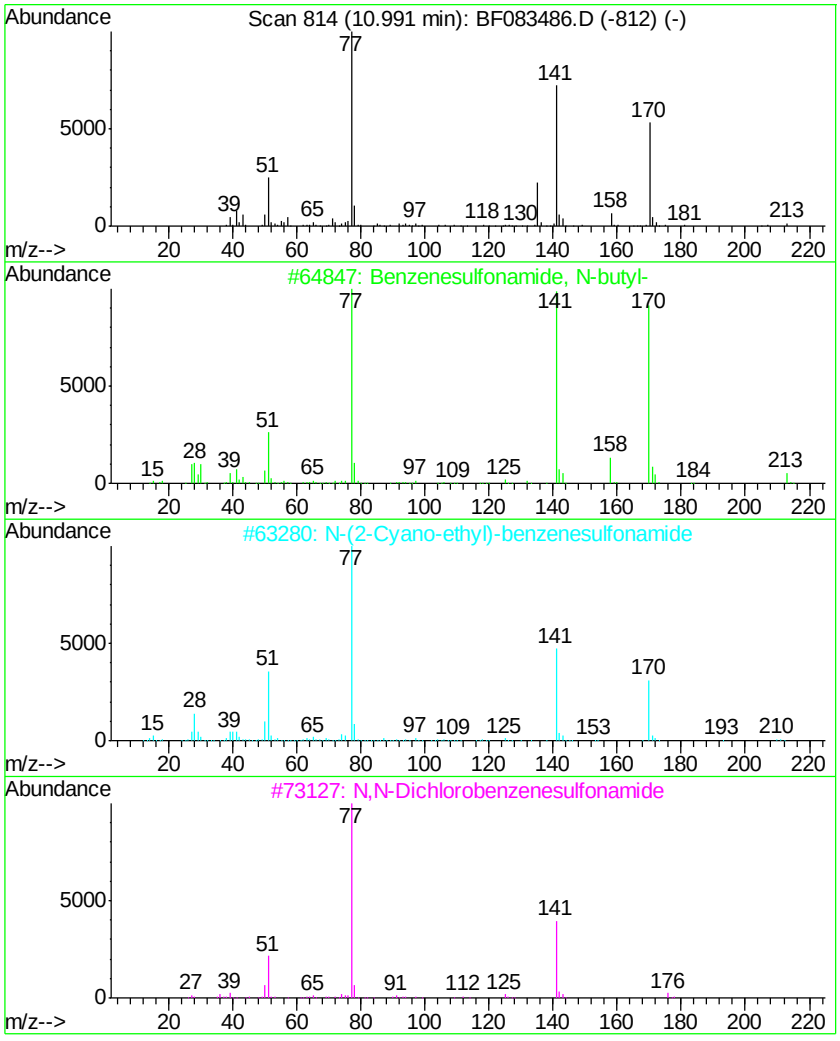
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

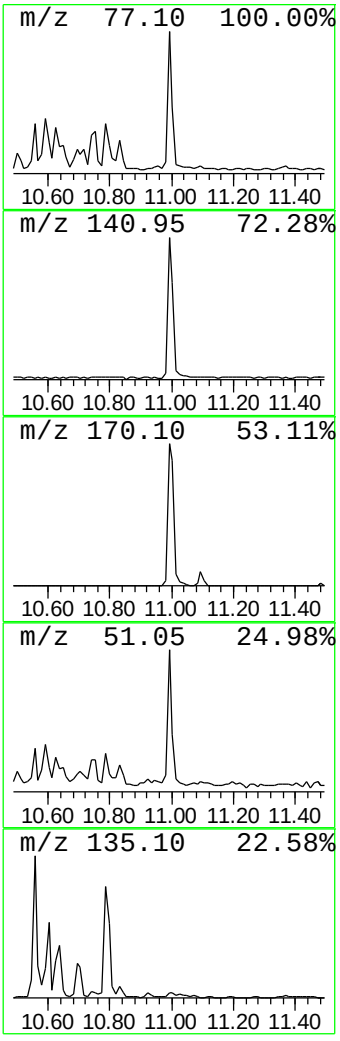
****

Peak Number 16 Benzenesulfonamide, N-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.88 ng	273032	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	64
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
3	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	50
4	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	50
5	Benzenesulfonyl isocyanate	183	C7H5NO3S	002845-62-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

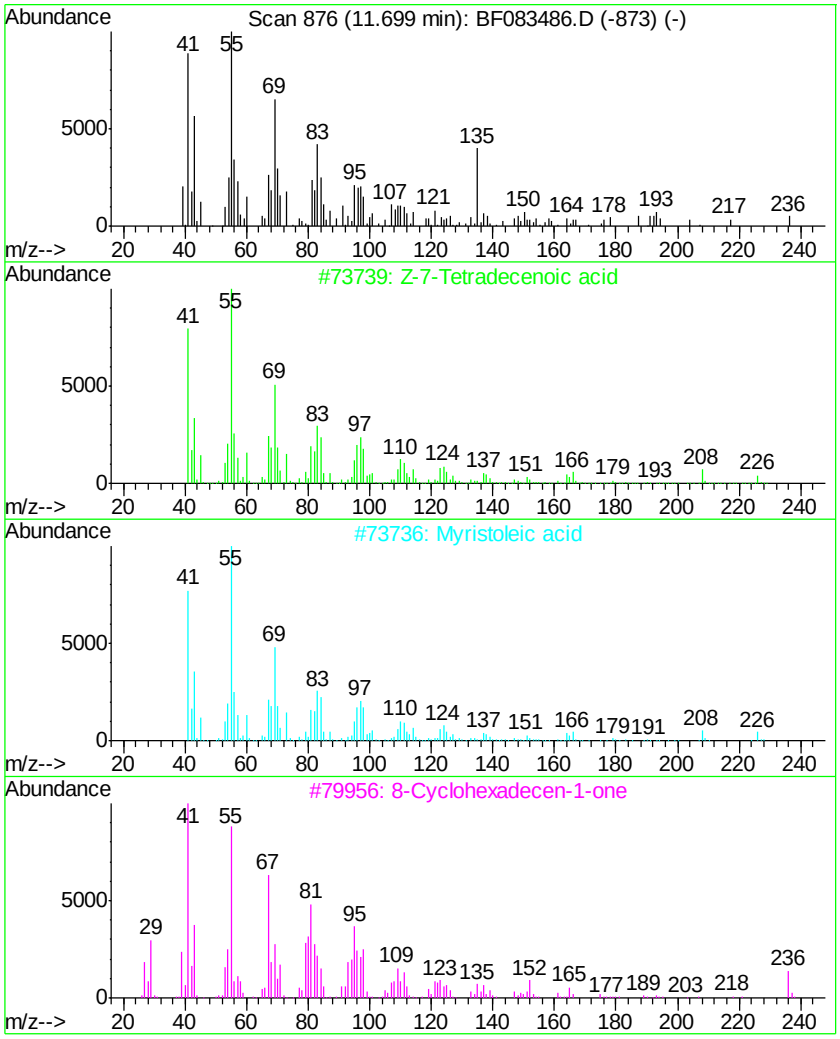
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

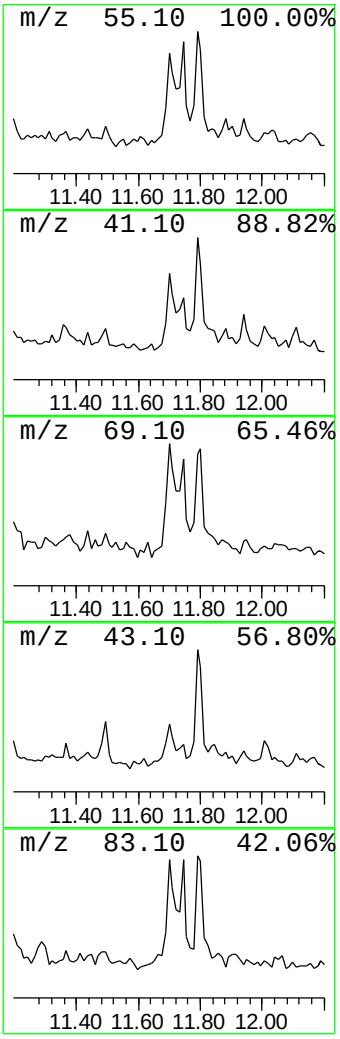
****

Peak Number 17 unknown11.70 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.16 ng	232713	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	45
2	Myristoleic acid	226	C14H26O2	000544-64-9	43
3	8-Cyclohexadecen-1-one	236	C16H28O	003100-36-5	42
4	1-Tridecene	182	C13H26	002437-56-1	41
5	1-Tridecanol	200	C13H28O	000112-70-9	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

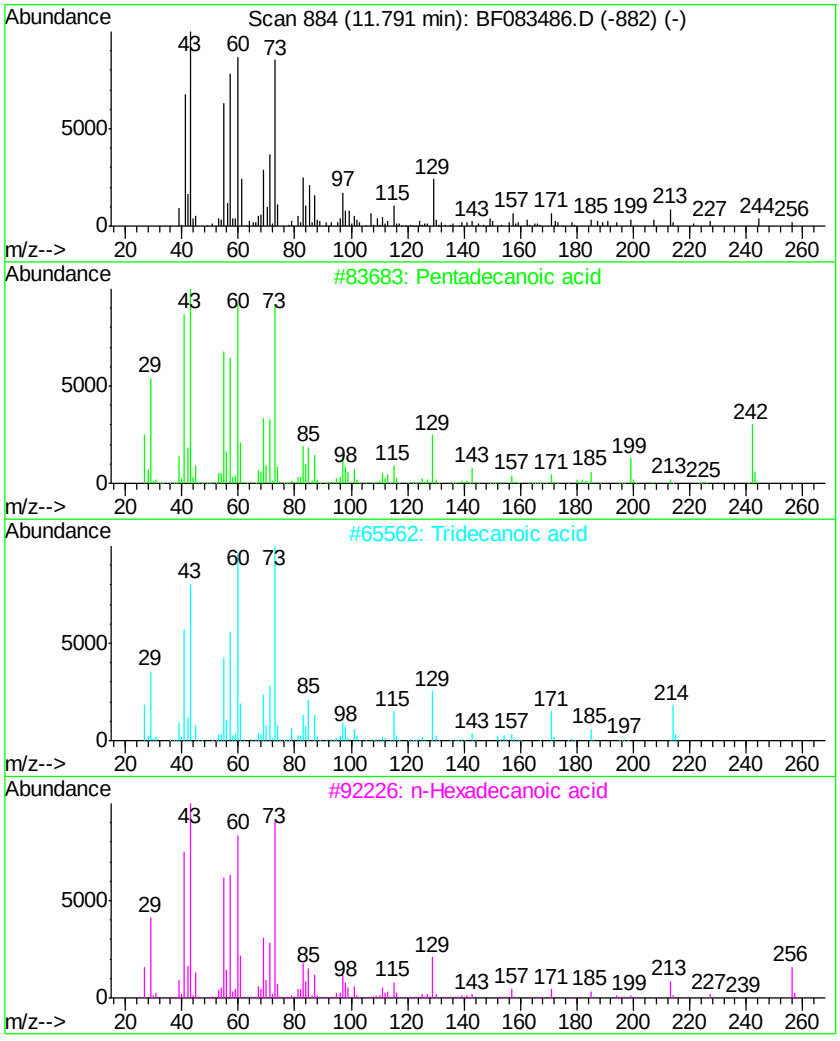
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

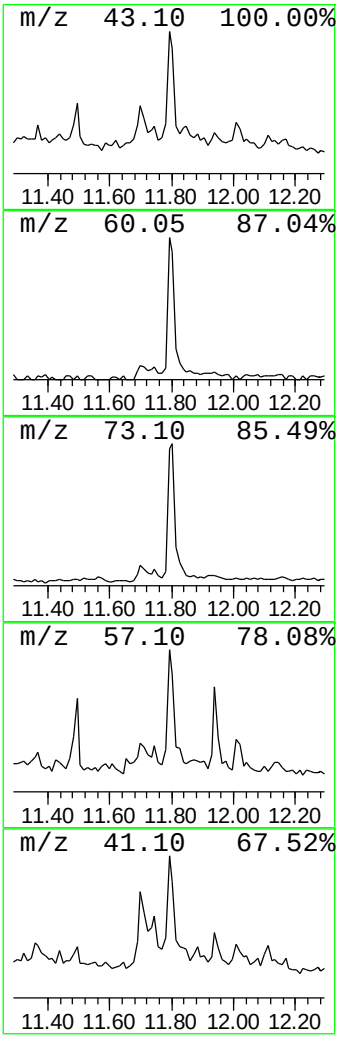
****

Peak Number 18 Pentadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.10 ng	285242	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

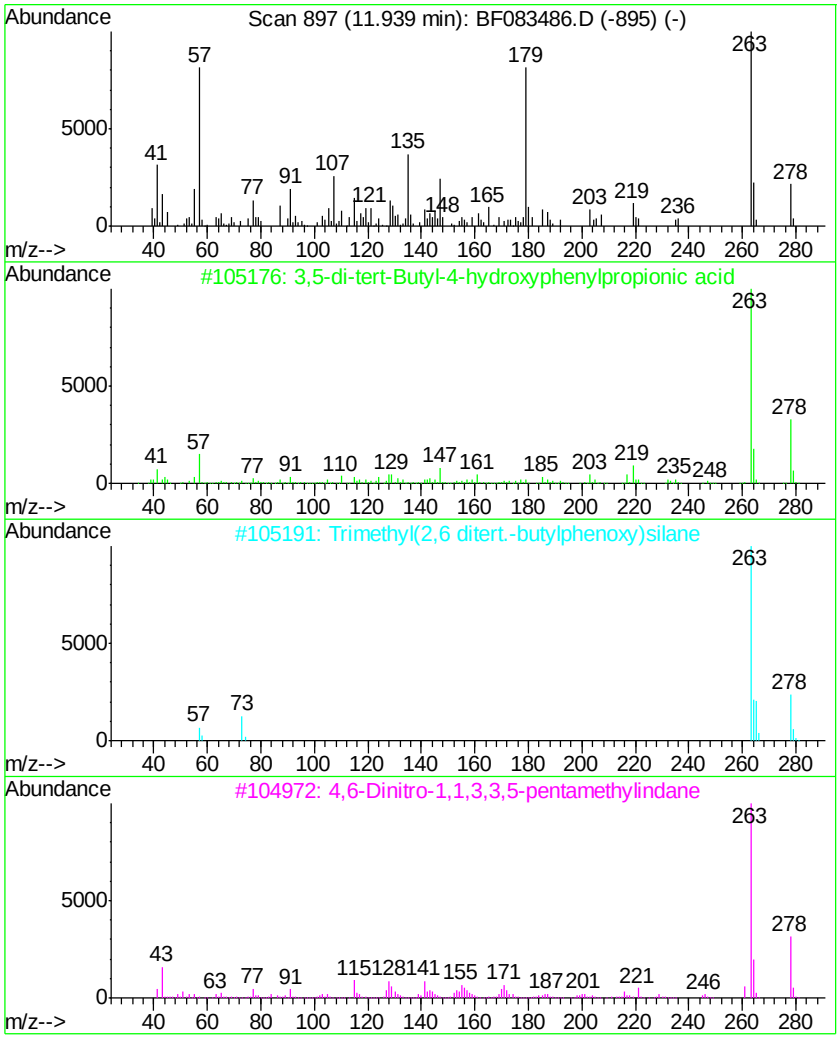
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

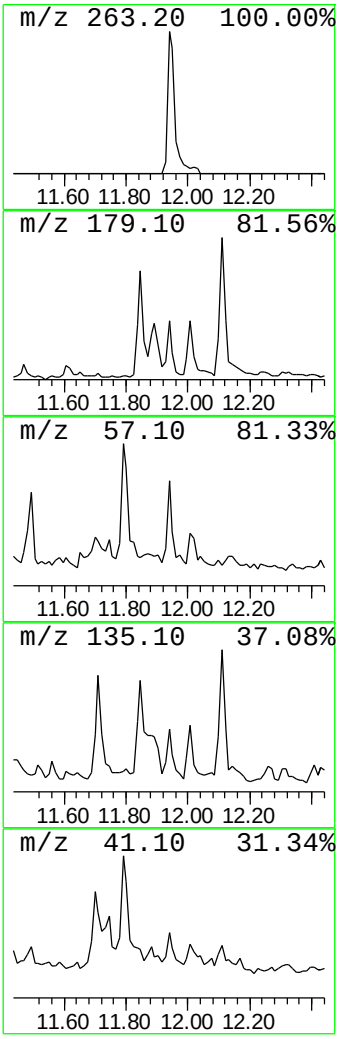
****

Peak Number 19 unknown11.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.87 ng	160239	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	46
2	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	35
3	4,6-Dinitro-1,1,3,3,5-pentamethyl...	278	C14H18N2O4	000116-66-5	27
4	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	25
5	Isoquinoline, 5,6,7,8-tetrametho...	263	C14H17NO4	093474-27-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083486.D
Acq On : 4 Dec 2015 4:28
Operator : UM/IZ
Sample : G4588-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.64	13.6	ng	737190	1	6.52	1082250	20.0
1,3-Pentanediol, ...	7.55	3.1	ng	209247	2	7.81	1353430	20.0
Propanoic acid, 2...	8.77	4.0	ng	283023	3	9.56	1426390	20.0
Phenol, 2,6-bis(1...	9.24	3.0	ng	215092	3	9.56	1426390	20.0
Butanoic acid, 2,...	9.42	3.6	ng	254406	3	9.56	1426390	20.0
unknown10.50	10.50	6.0	ng	333251	4	11.09	1118300	20.0
Phenol, 4-(1,1,3,...	10.56	13.2	ng	740440	4	11.09	1118300	20.0
Acetamide, N-(3-m...	10.59	19.2	ng	1075090	4	11.09	1118300	20.0
unknown10.62	10.62	22.2	ng	1239220	4	11.09	1118300	20.0
Acetamide, N-(2,6...	10.72	12.2	ng	681301	4	11.09	1118300	20.0
unknown10.75	10.75	15.8	ng	881984	4	11.09	1118300	20.0
Phenol, 4-(1,1-di...	10.78	16.8	ng	938681	4	11.09	1118300	20.0
2-Methyl-4-hydrox...	10.83	7.7	ng	431208	4	11.09	1118300	20.0
Benzenesulfonamid...	10.99	4.9	ng	273032	4	11.09	1118300	20.0
unknown11.70	11.70	4.2	ng	232713	4	11.09	1118300	20.0
Pentadecanoic acid	11.79	5.1	ng	285242	4	11.09	1118300	20.0
unknown11.94	11.94	2.9	ng	160239	4	11.09	1118300	20.0