LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

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-BF110715.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	4.864	241	243	247	rBV	253176	258326	14.34%	1.537%
2	5.321	281	283	286	rBV	473917	511677	28.41%	3.045%
3	6.384	373	376	378	rBV	439994	574691	31.91%	3.420%
4	6.499	384	386	389	rVB	647231	550282	30.56%	3.275%
5	6.727	404	406	408	rBV	653667	684001	37.98%	4.071%
6	6.887	418	420	422	rVB	528968	432225	24.00%	2.572%
7	7.287	453	455	458	rBV	285493	293852	16.32%	1.749%
8	8.019	517	519	521	rBV	1077419	868996	48.25%	5.172%
9	9.093	611	613	616	rBV	563737	506241	28.11%	3.013%
10	9.436	640	643	646	rBV3	8288	21112	1.17%	0.126%
11	9.493	646	648	649	rBV	114341	93158	5.17%	0.554%
12	9.768	670	672	674	rBV	832660	827555	45.95%	4.925%
13	9.802	674	675	677	rVB	37740	27550	1.53%	0.164%
14	10.316	716	720	721	rBV	44936	43330	2.41%	0.258%
15	10.442	729	731	733	rBV	11633	18730	1.04%	0.111%
16	10.556	737	741	743	rBV2	283589	294254	16.34%	1.751%
17	10.705	751	754	756	rBV2	77715	104630	5.81%	0.623%
18	10.751	756	758	759	rVV	151024	129674	7.20%	0.772%
19	10.785	759	761	763	rVV2	148281	192515	10.69%	1.146%
20	10.819	763	764	767	rVV2	135624	176735	9.81%	1.052%
21	10.899	767	771	772	rVV2	50656	118643	6.59%	0.706%
22	10.933	772	774	775	rVV	89097	124702	6.92%	0.742%
23	10.968	775	777	778	rVV	127760	121829	6.76%	0.725%
24	11.002	778	780	782	rVB3	55220	91251	5.07%	0.543%
25	11.105	787	789	791	rBV3	14628	24060	1.34%	0.143%
26	11.139	791	792	796	rVB3	30134	58688	3.26%	0.349%
27	11.253	800	802	806	rBV2	667355	1106818	61.46%	6.587%
28	11.322	806	808	810	rVB	120567	101540	5.64%	0.604%
29	11.356	810	811	813	rVB	29710	28293	1.57%	0.168%
30	11.482	820	822	823	rVV	45826	37705	2.09%	0.224%
31	11.551	826	828	832	rBV5	10102	26173	1.45%	0.156%
32	11.756	844	846	847	rBV	42571	63220	3.51%	0.376%
33	11.779	847	848	850	rVV	79666	64110	3.56%	0.382%
34	11.825	850	852	853	rVV	37066	39419	2.19%	0.235%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.859	853	855	860	rVB2	139179	179492	9.97%	1.068%
36	12.065	869	873	877	rBV2	72360	122956	6.83%	0.732%
37	12.202	883	885	886	rVB	21109	19412	1.08%	0.116%
38	12.305	892	894	895	rBV	28842	40804	2.27%	0.243%
39	12.454	905	907	910	rVB	713805	889653	49.40%	5.294%
40	12.511	910	912	914	rBV3	86190	107908	5.99%	0.642%
41	12.682	924	927	929	rBV	760637	832980	46.25%	4.957%
42	12.716	929	930	935	rVB2	104467	160857	8.93%	0.957%
43	12.808	936	938	939	rBV	59168	56593	3.14%	0.337%
44	12.831	939	940	943	rVB	411130	407011	22.60%	2.422%
45	12.911	945	947	948	rVB	38270	38435	2.13%	0.229%
46	13.014	952	956	958	rVV	158411	191560	10.64%	1.140%
47	13.082	960	962	963	rBV	159362	143657	7.98%	0.855%
48	13.116	963	965	969	rVV3	77622	133688	7.42%	0.796%
49	13.208	971	973	975	rBV	47290	59153	3.28%	0.352%
50	13.631	1008	1010	1011	rBV2	94341	113097	6.28%	0.673%
51	13.882	1029	1032	1039	rBV2	1192066	1800908	100.00%	10.717%
52	13.985	1039	1041	1043	rBV	81145	100089	5.56%	0.596%
53	14.888	1117	1120	1125	rVV	343778	636579	35.35%	3.788%
54	14.980	1126	1128	1130	rVB	147723	165995	9.22%	0.988%
55	15.162	1142	1144	1147	rVB	201287	238793	13.26%	1.421%
56	15.220	1147	1149	1152	rBV	197002	280745	15.59%	1.671%
57	15.277	1152	1154	1156	rBV	391041	468037	25.99%	2.785%
58	15.917	1208	1210	1219	rVB3	115973	262652	14.58%	1.563%
59	16.305	1242	1244	1251	rVB4	87783	224558	12.47%	1.336%
60	16.591	1266	1269	1274	rVB2	100326	215984	11.99%	1.285%
61	16.831	1288	1290	1293	rVB2	79013	132165	7.34%	0.787%
62	16.980	1301	1303	1310	rVB	71250	163699	9.09%	0.974%

Sum of corrected areas: 16803445

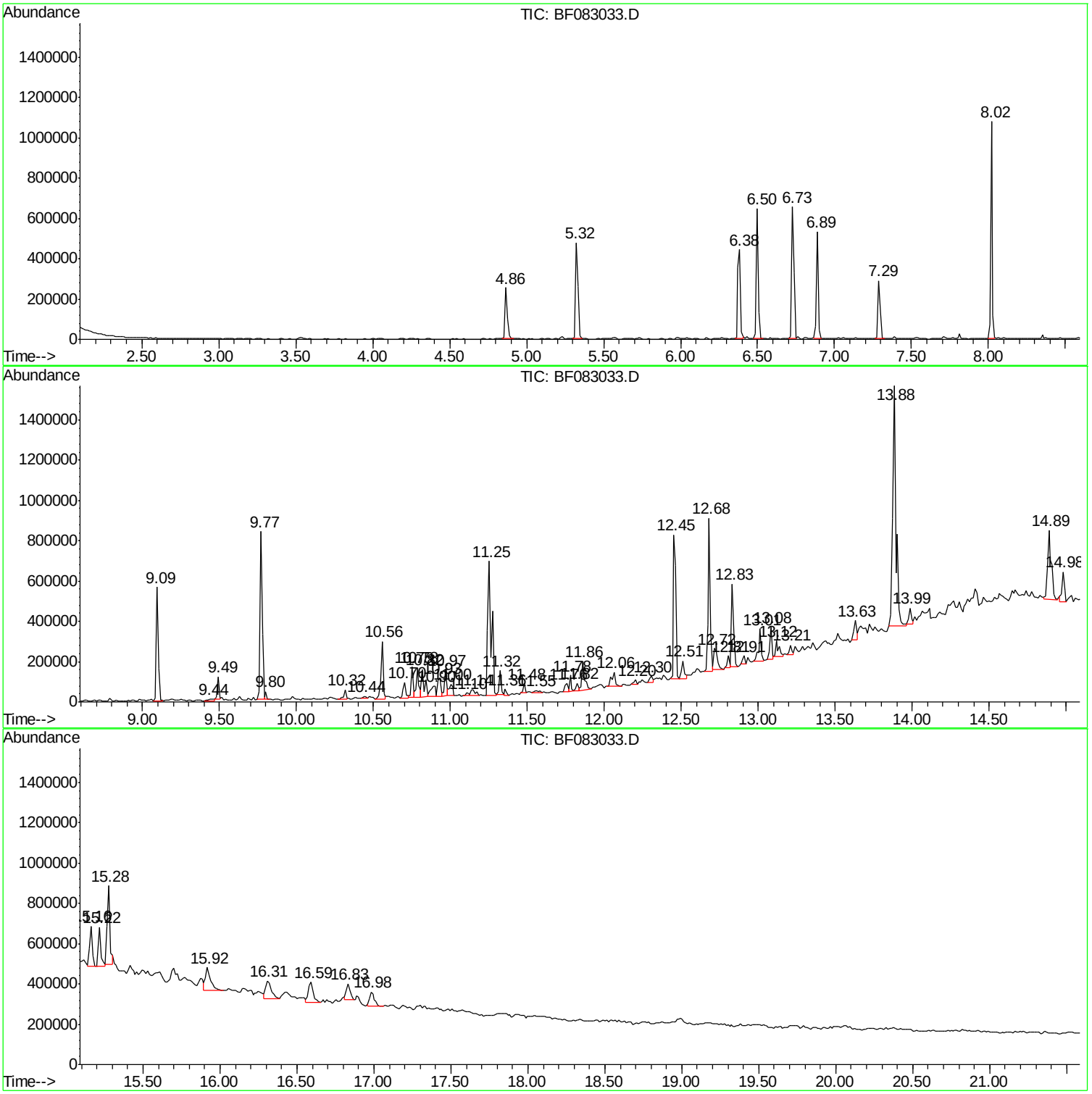
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

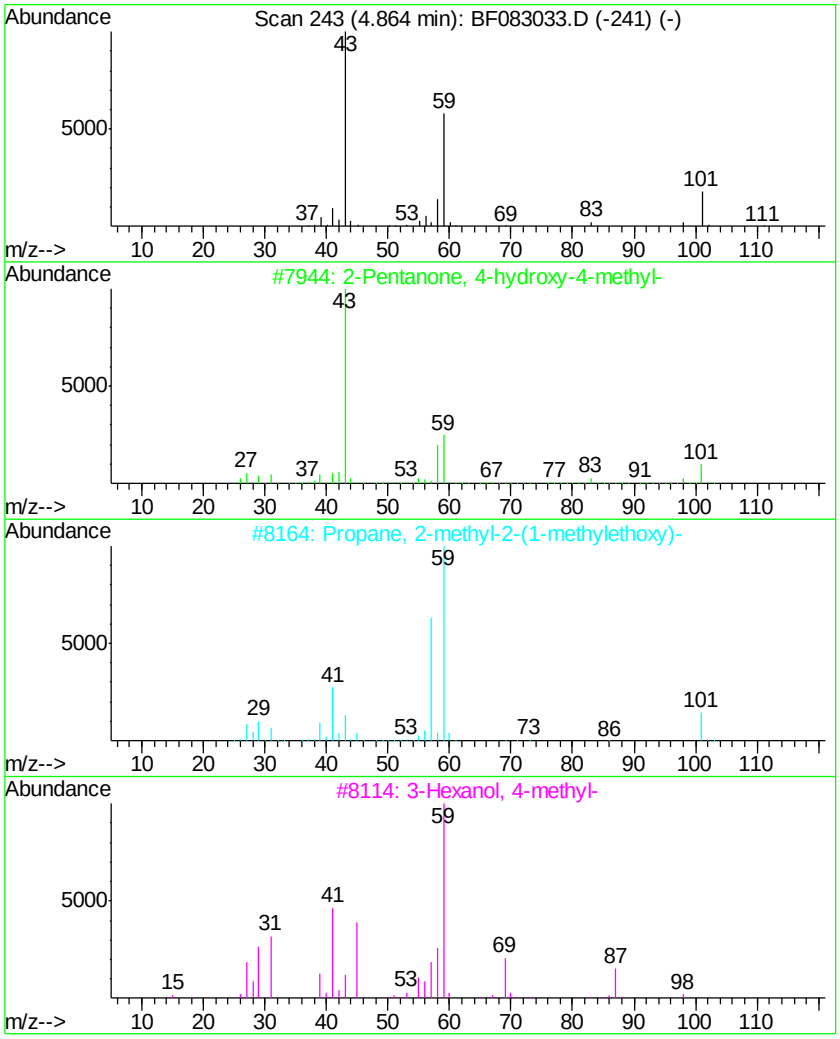
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

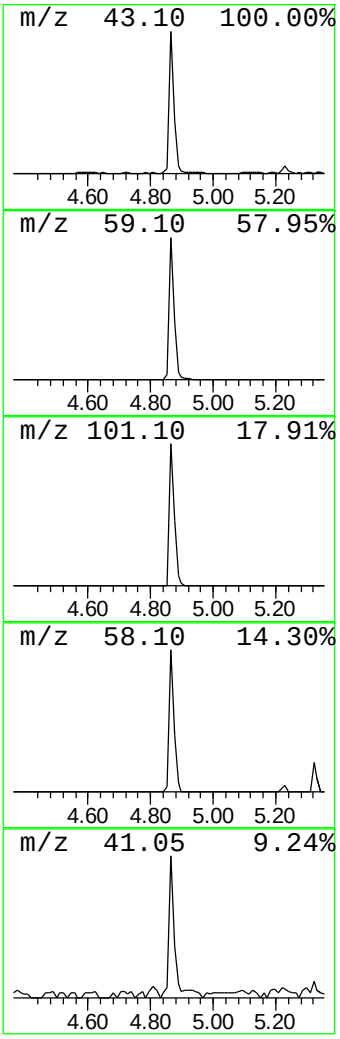
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	7.55 ng	258326	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

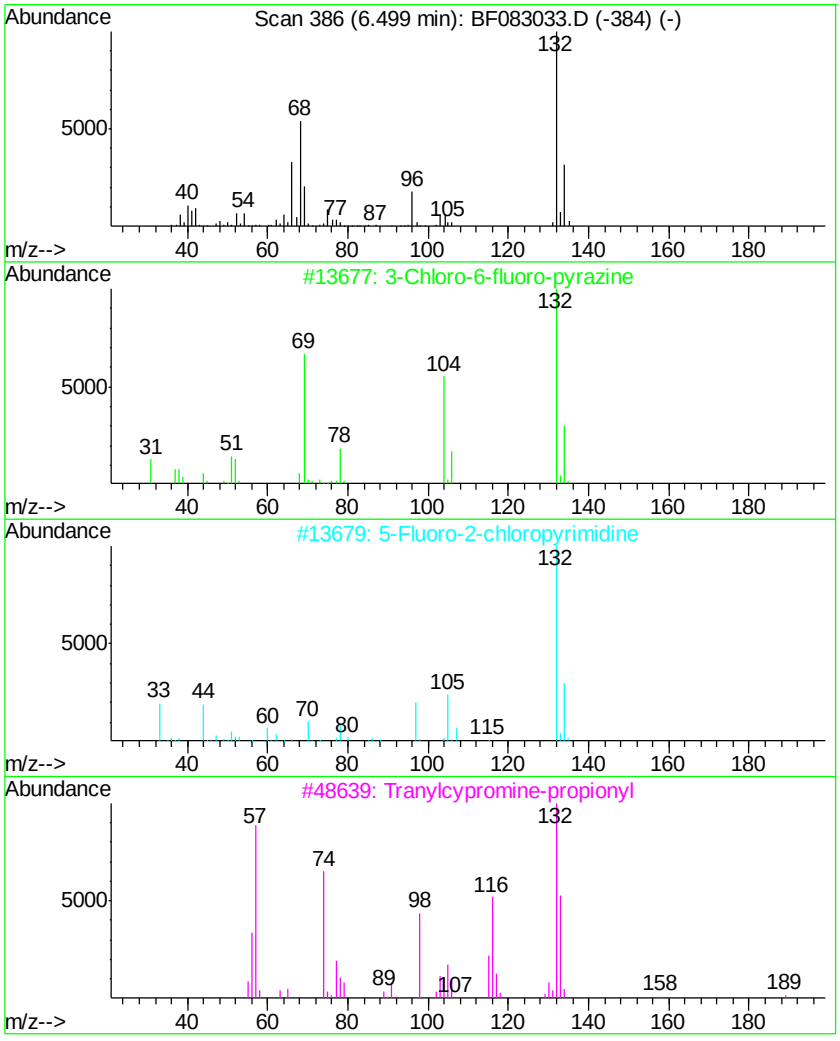
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

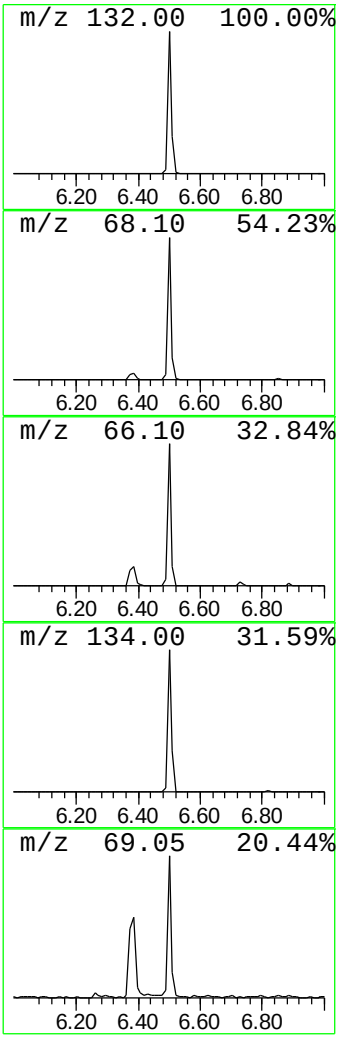
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	16.09 ng	550282	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

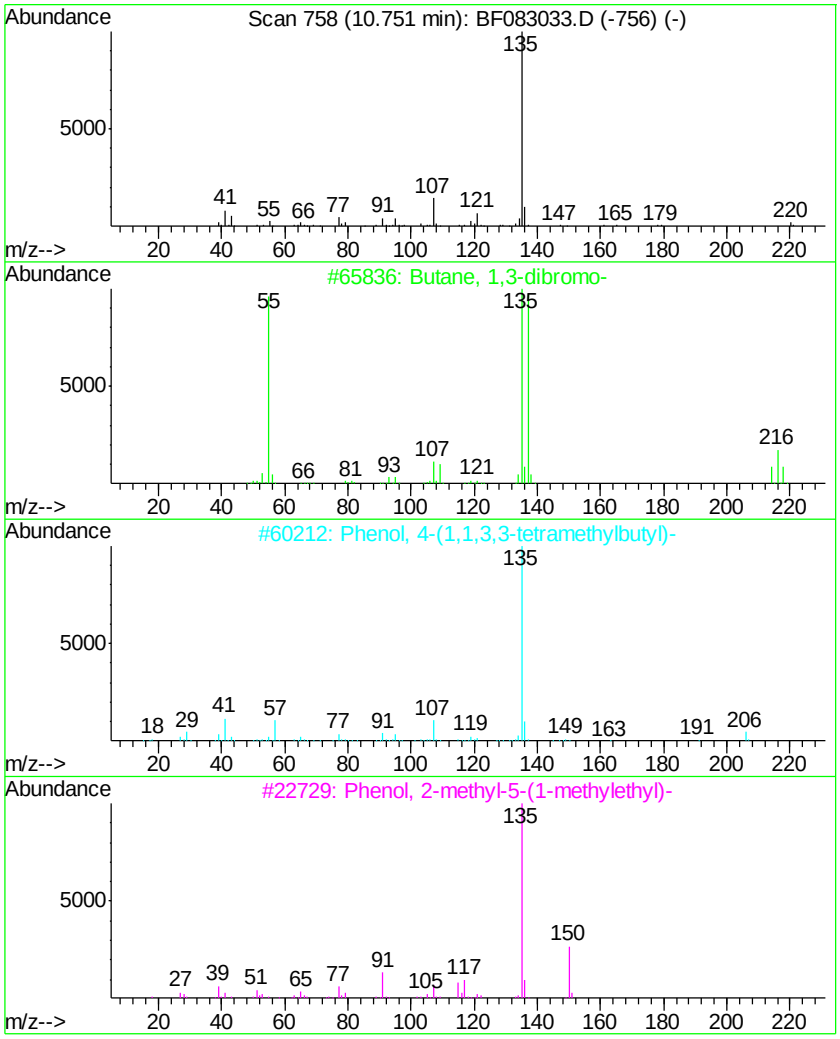
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

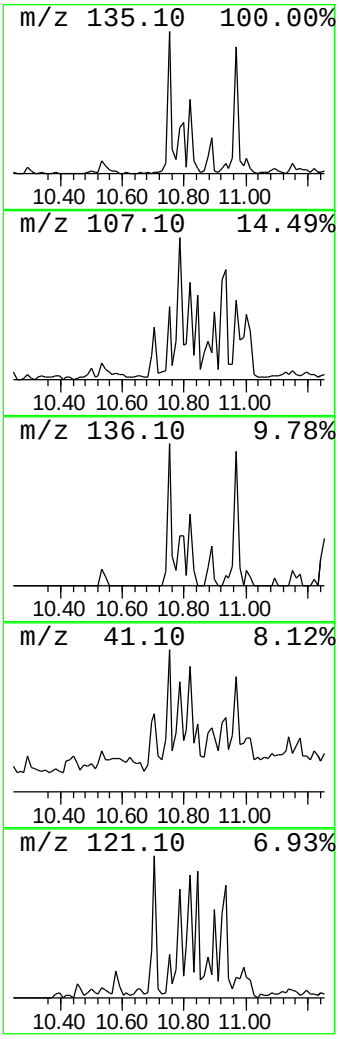
****

Peak Number 4 Butane, 1,3-dibromo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.34 ng	129674	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	1-Adamantyl m-tolyloxyacetate	300	C19H24O3	306278-20-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

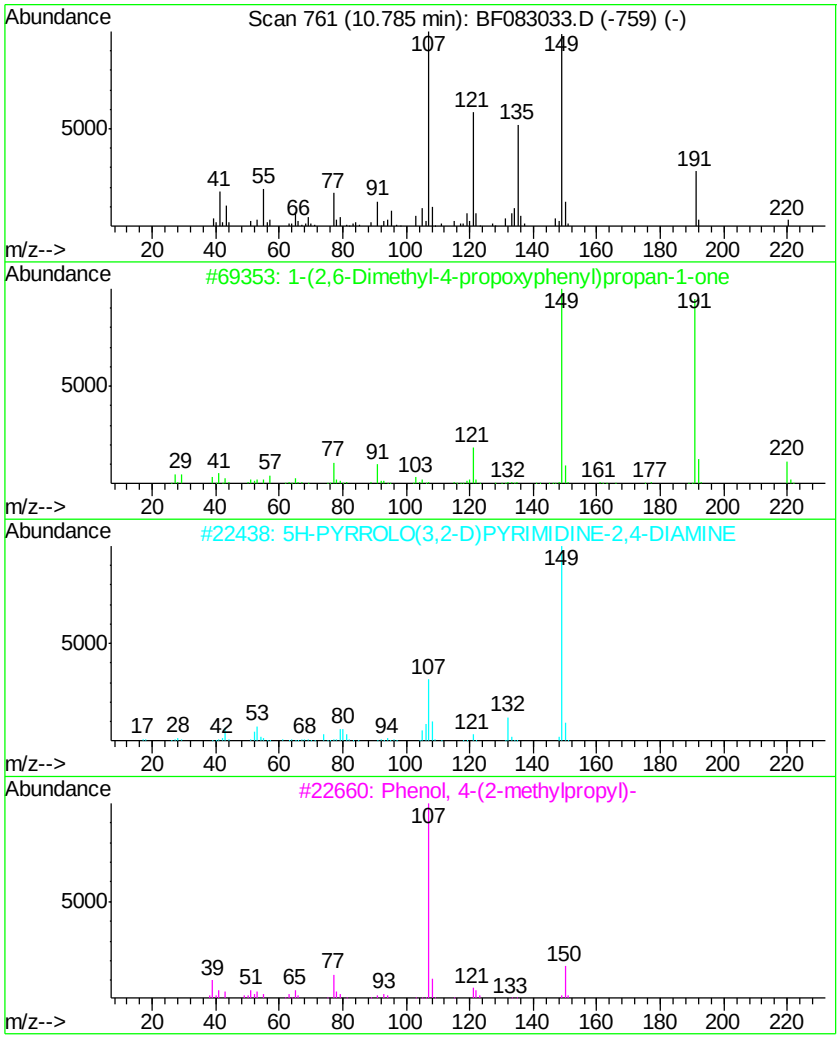
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

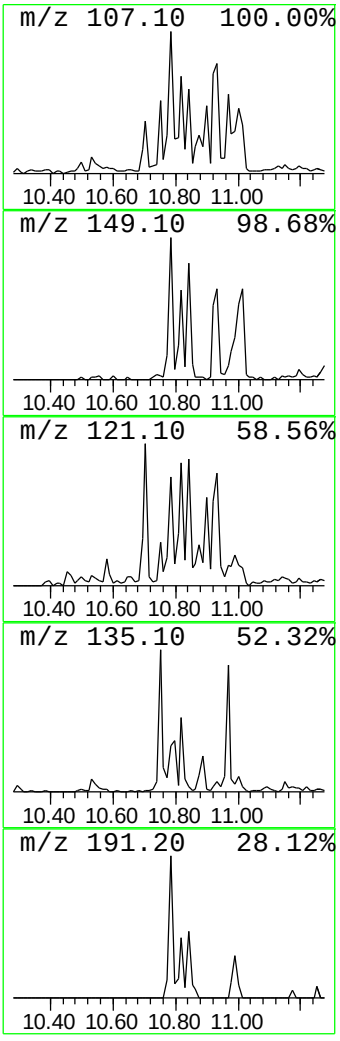
****

Peak Number 5 unknown10.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.48 ng	192515	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	35
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	35
3	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30
4	Benzestrol	298	C20H26O2	000085-95-0	25
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

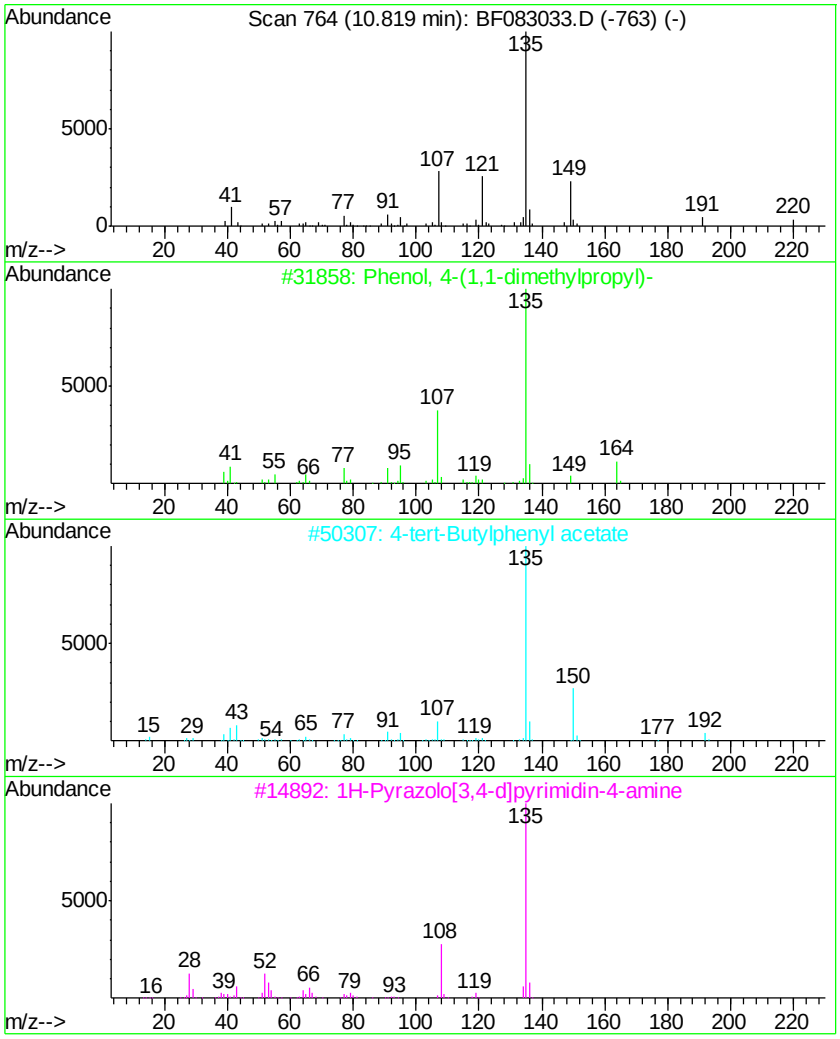
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

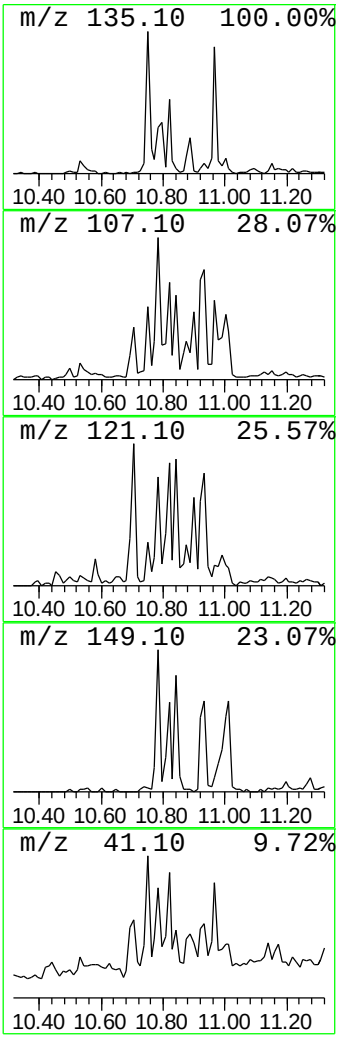
****

Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.19 ng	176735	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	50
3	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	47
4	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	47
5	Cyclopentanone, 2-(1-adamantyl)-	218	C15H22O	069010-50-0	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

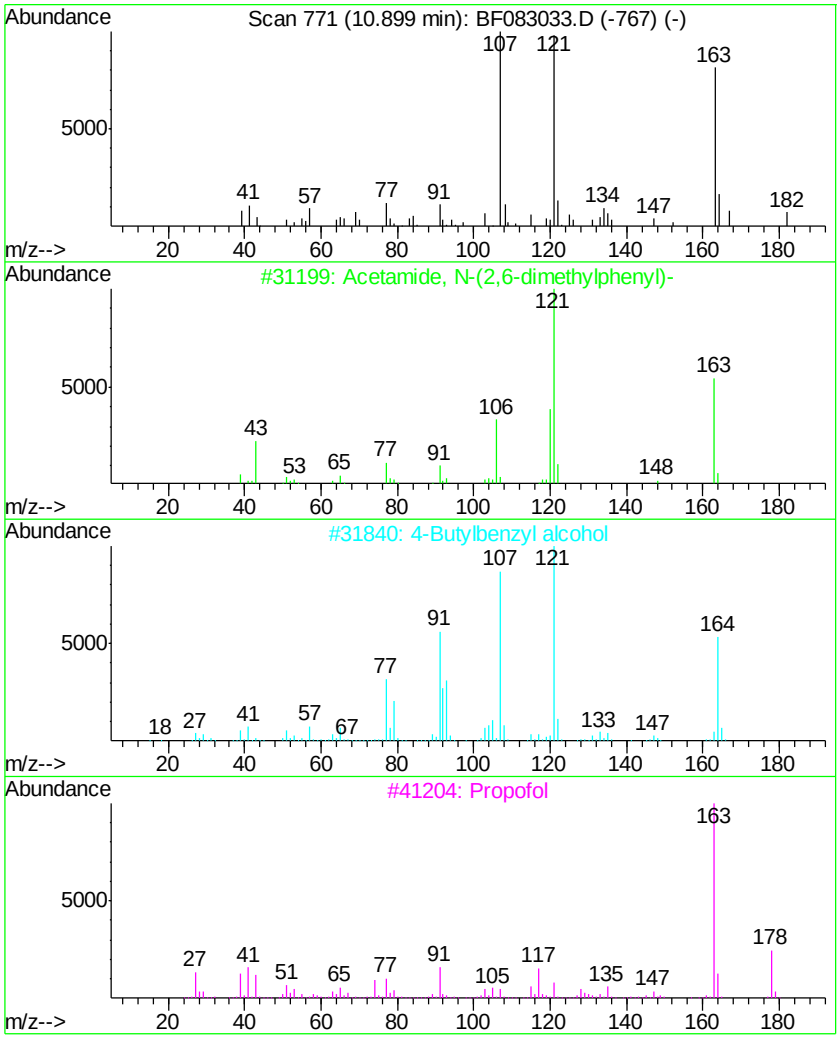
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

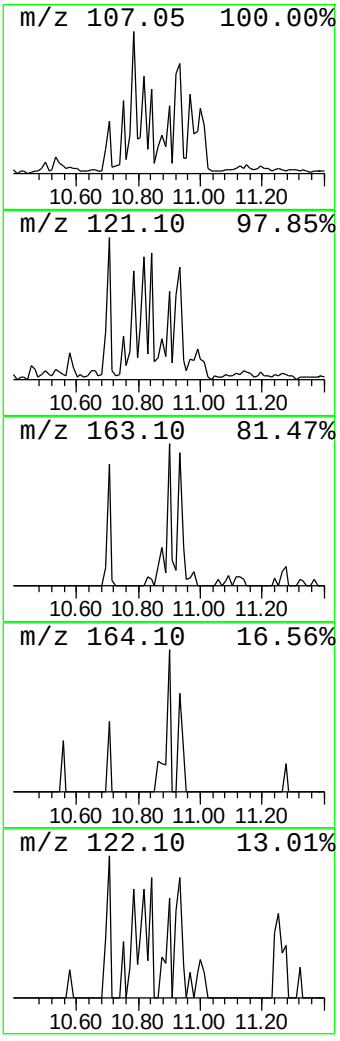
****

Peak Number 7 unknown10.90 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.14 ng	118643	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	47
2	4-Butylbenzyl alcohol	164	C11H16O	060834-63-1	38
3	Propofol	178	C12H18O	002078-54-8	22
4	Phenol, 4-pentyl-	164	C11H16O	014938-35-3	18
5	Silane, 1,3-butadiynyltrimethyl-	122	C7H10Si	004526-06-1	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

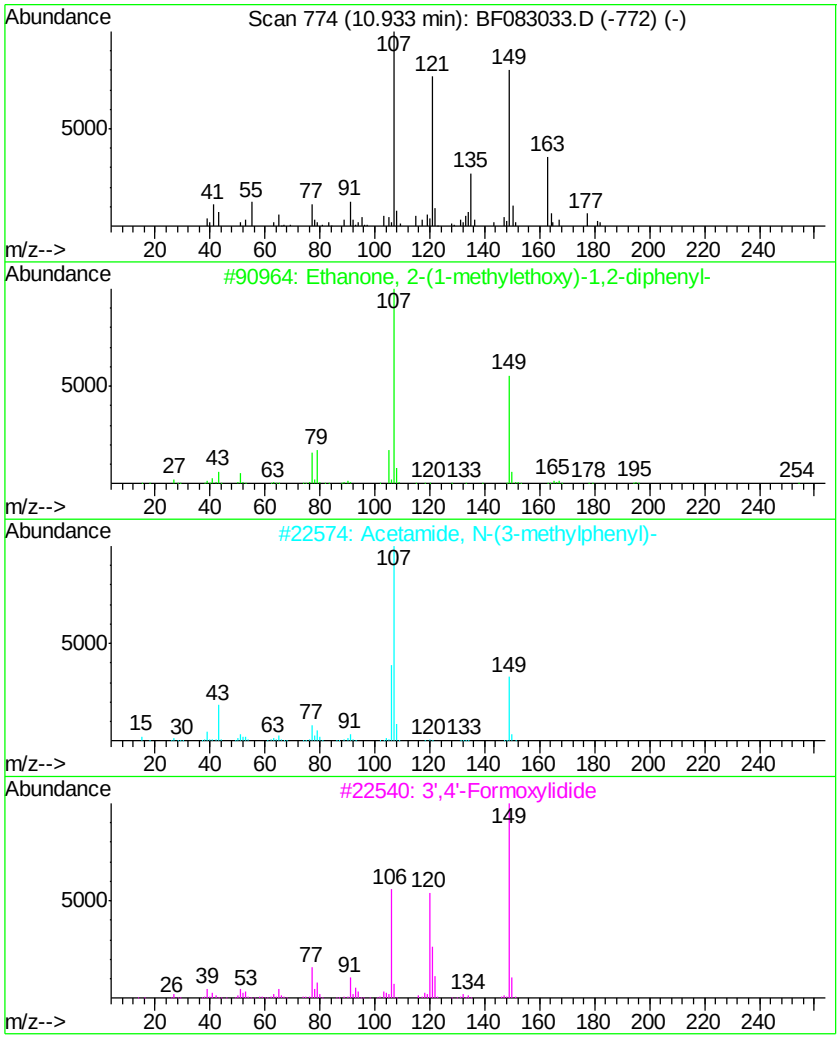
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

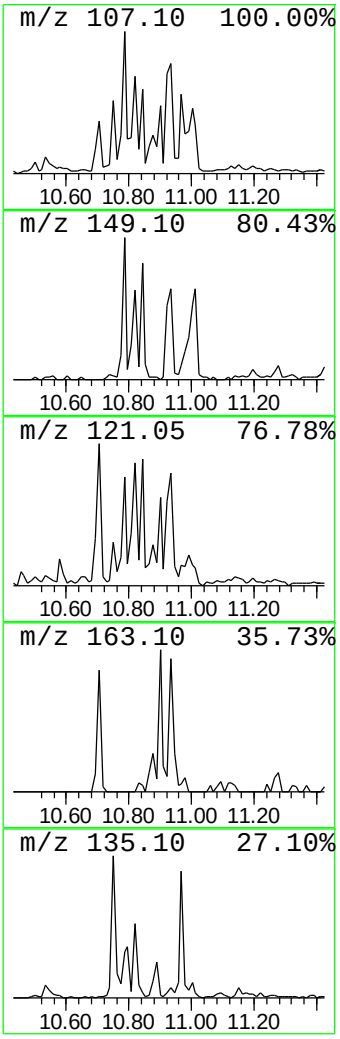
****

Peak Number 8 unknown10.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.25 ng	124702	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	25
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	25
5	Acetamide, N-(2,3-dimethylphenyl)-	163	C10H13NO	000134-98-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

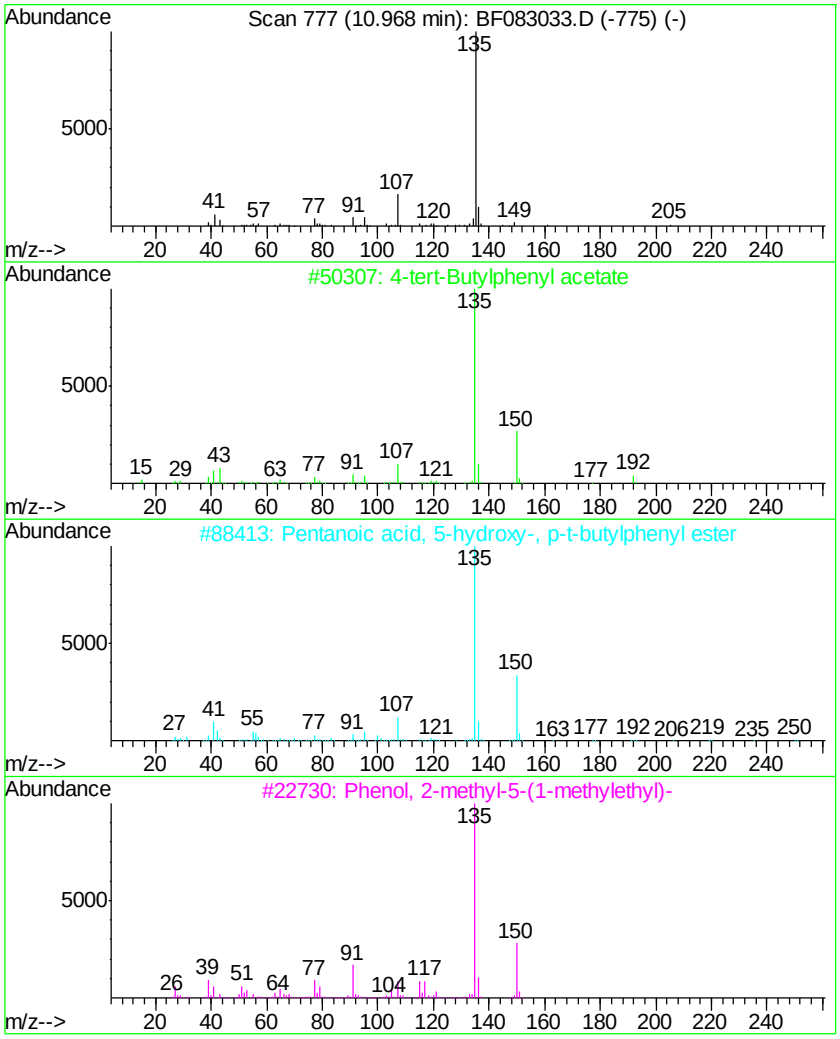
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

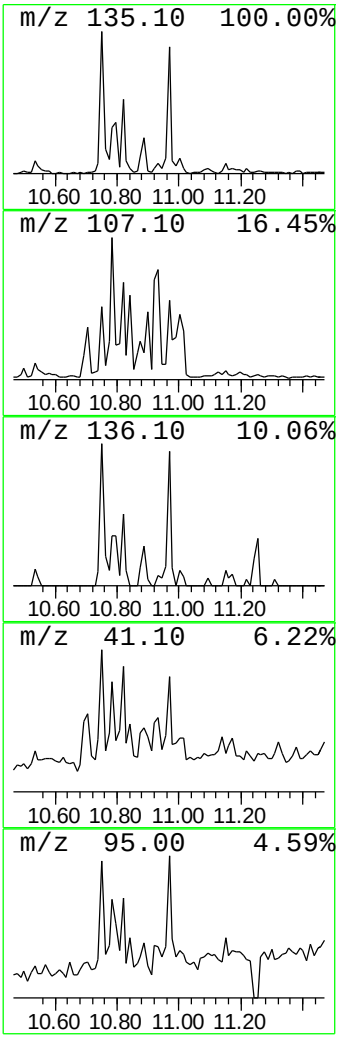
****

Peak Number 9 4-tert-Butylphenyl acetate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.20 ng	121829	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	56
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

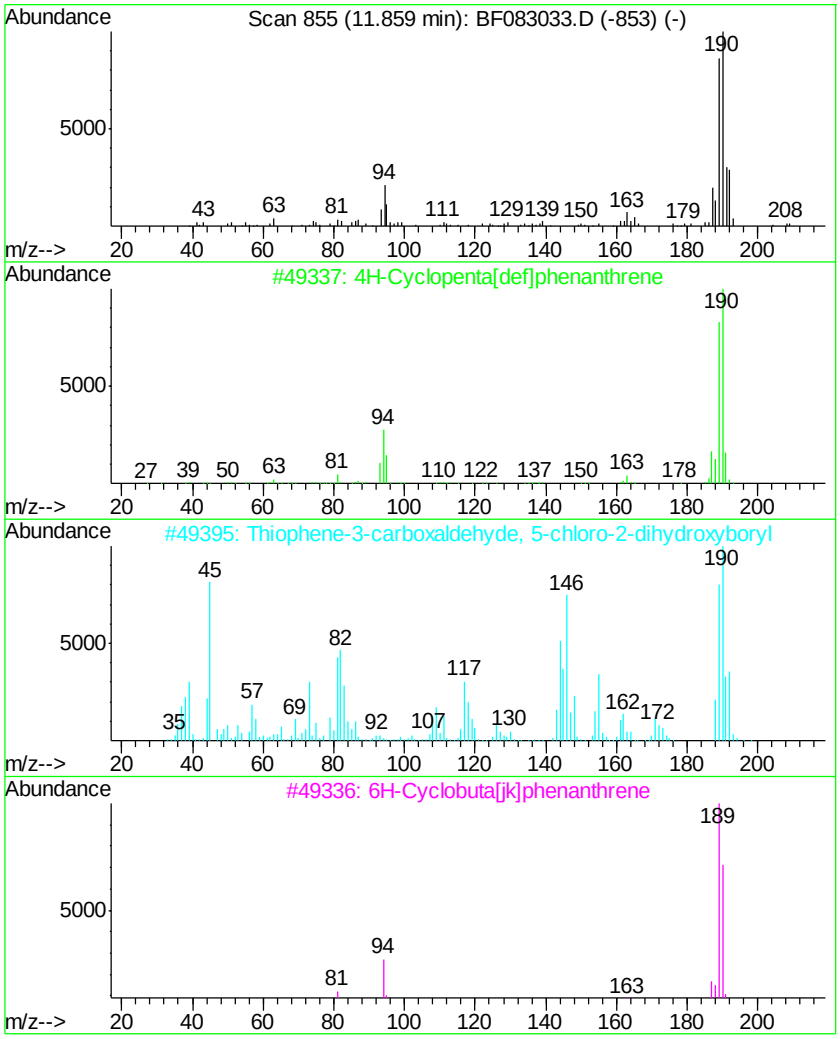
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

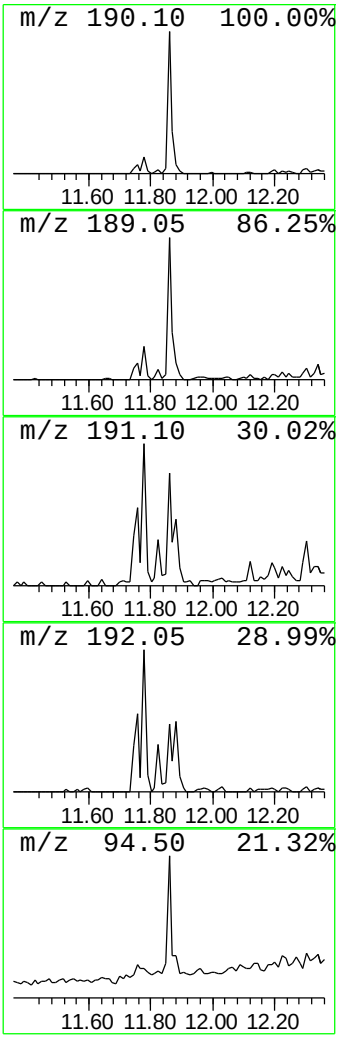
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.24 ng	179492	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

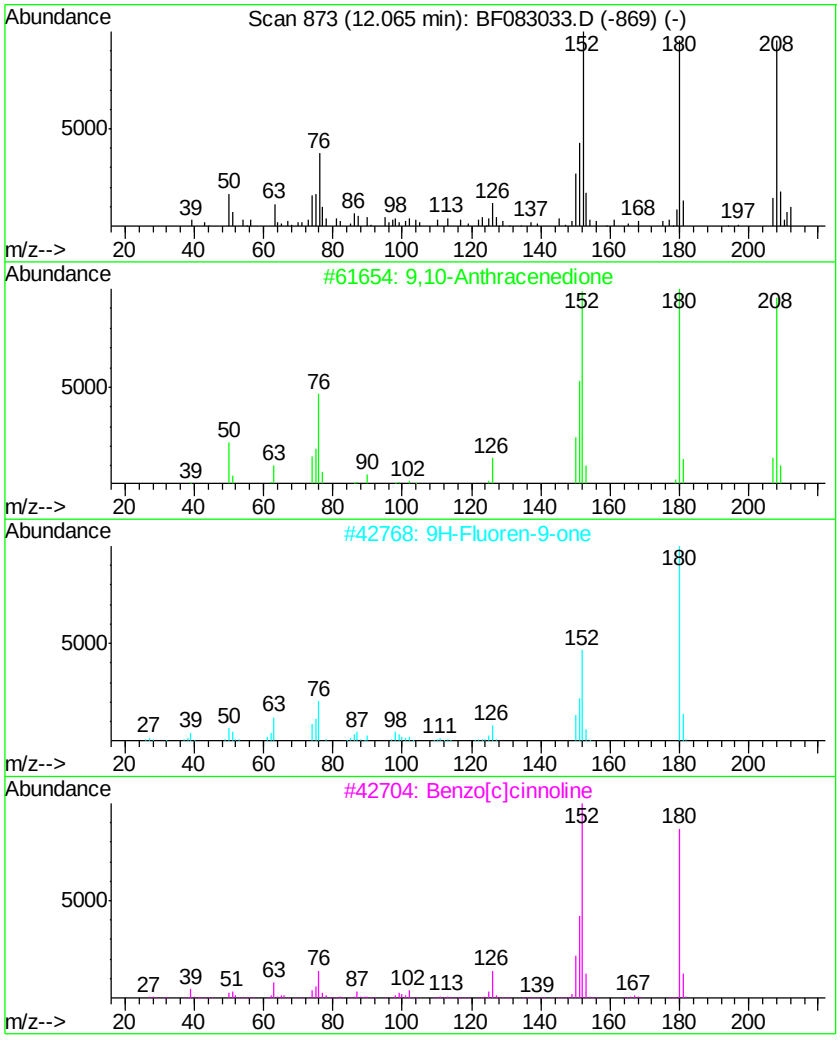
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

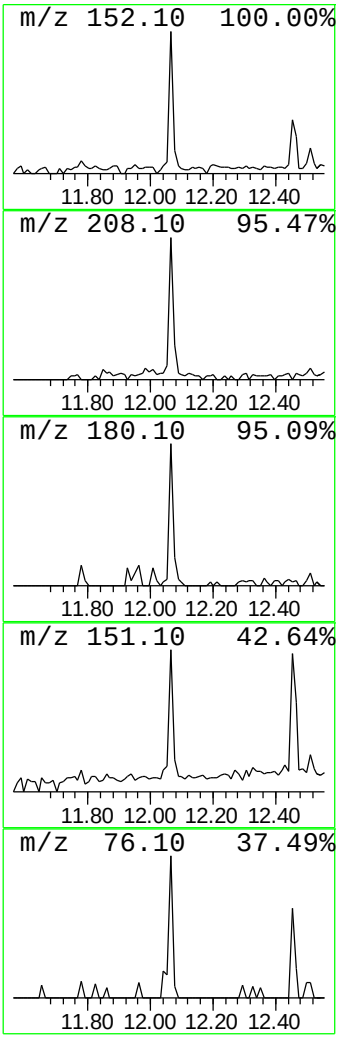
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.22 ng	122956	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

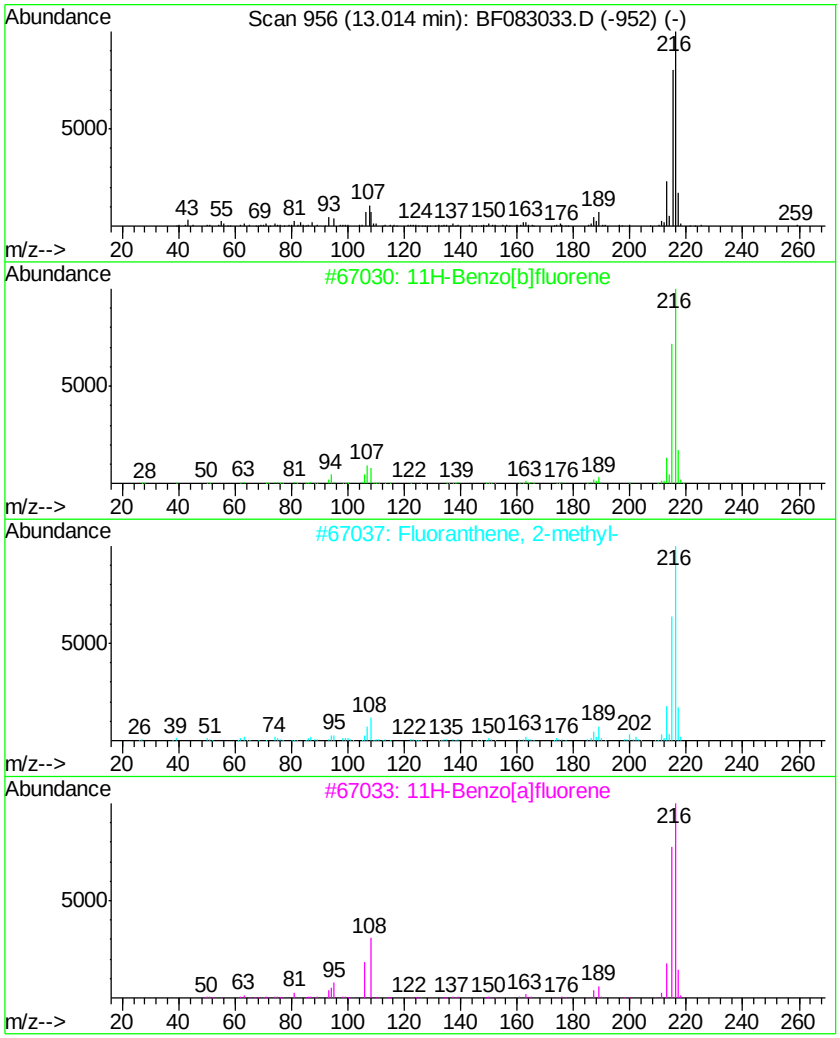
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

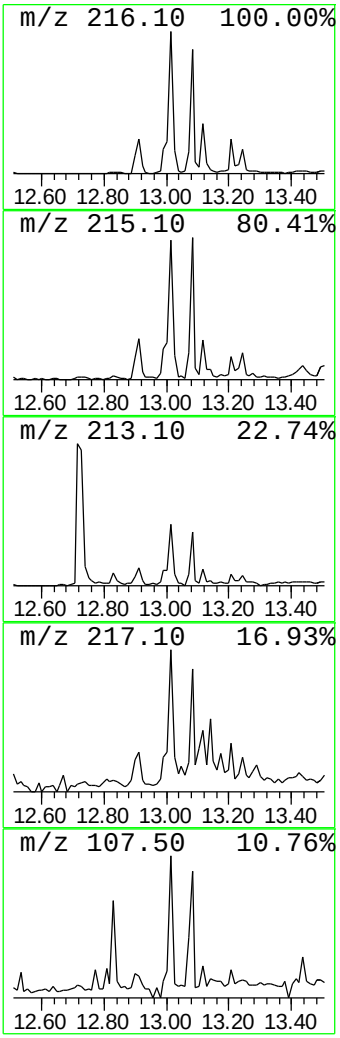
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.13 ng	191560	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

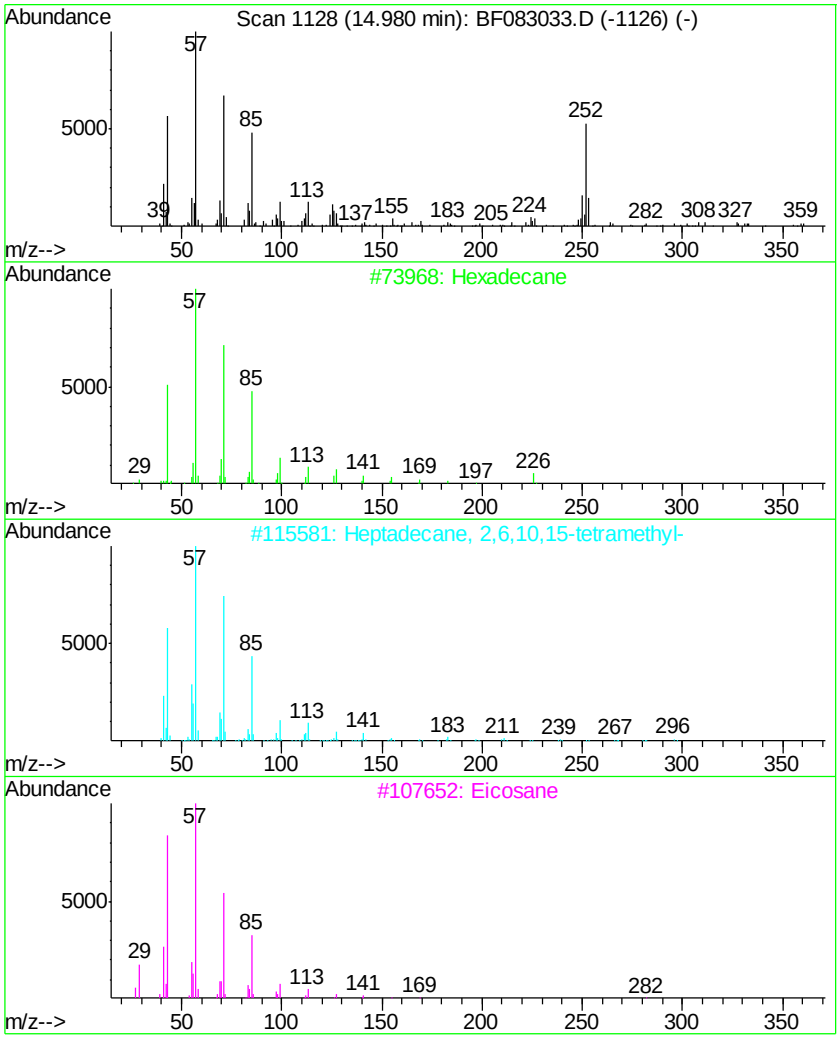
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

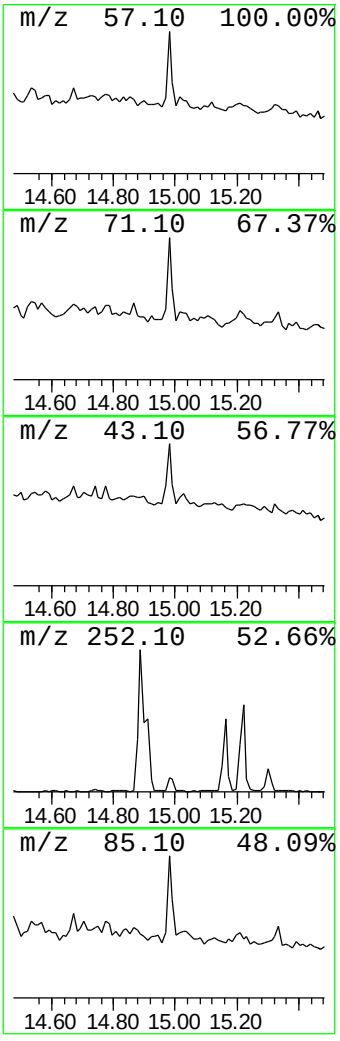
****

Peak Number 13 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	7.09 ng	165995	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Dodecane	170	C12H26	000112-40-3	50
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

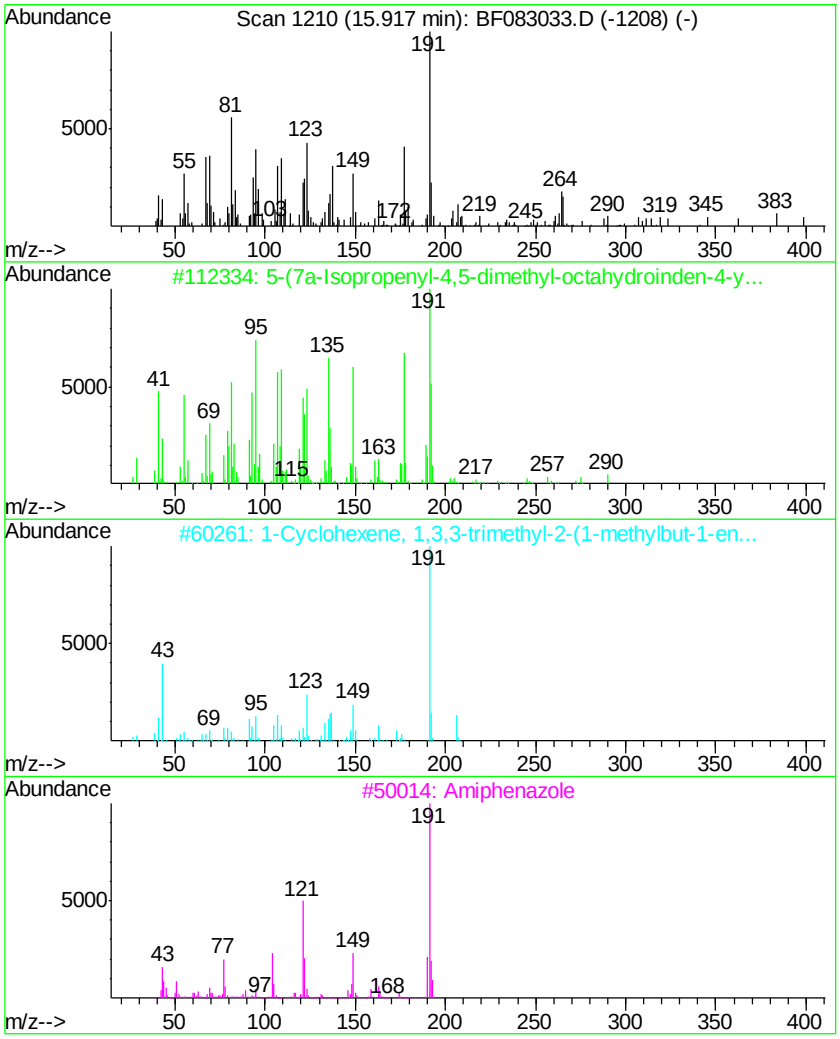
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

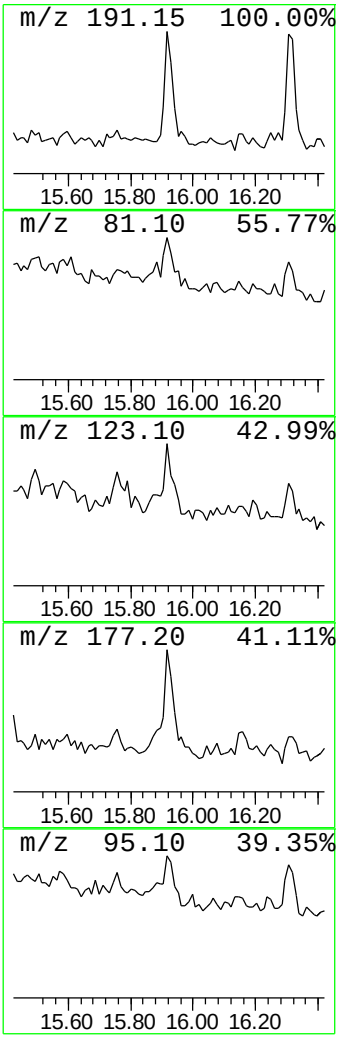
****

Peak Number 15 unknown15.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	11.22 ng	262652	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	43
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
3	Amiphenazole	191	C9H9N3S	000490-55-1	25
4	Anthracene, 9-butyl-	234	C18H18	001498-69-7	22
5	Thiazole, 2-amino-4-(p-aminophen...	191	C9H9N3S	003673-53-8	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

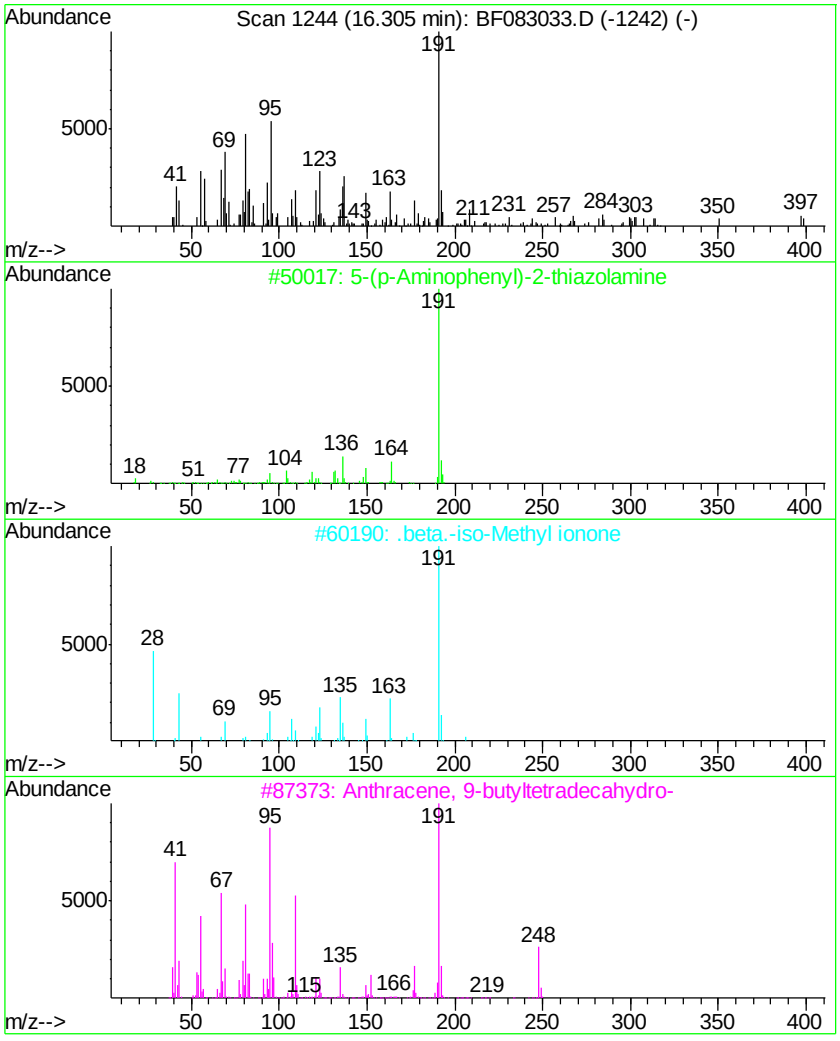
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

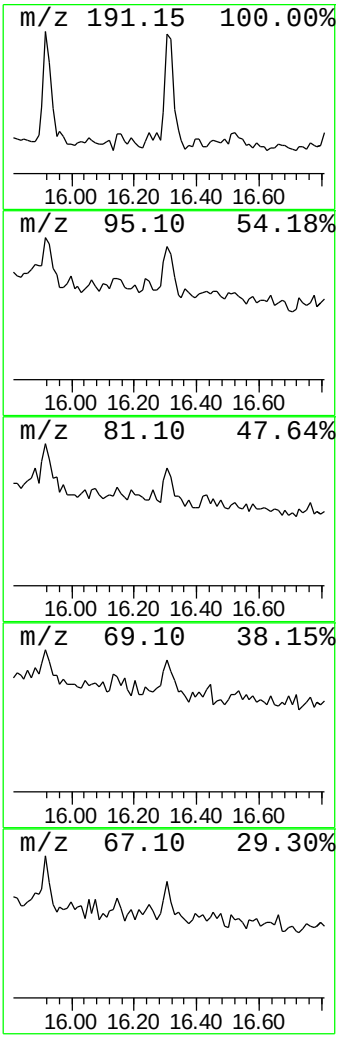
****

Peak Number 16 unknown16.31 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	9.60 ng	224558	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	47
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	40
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	38
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

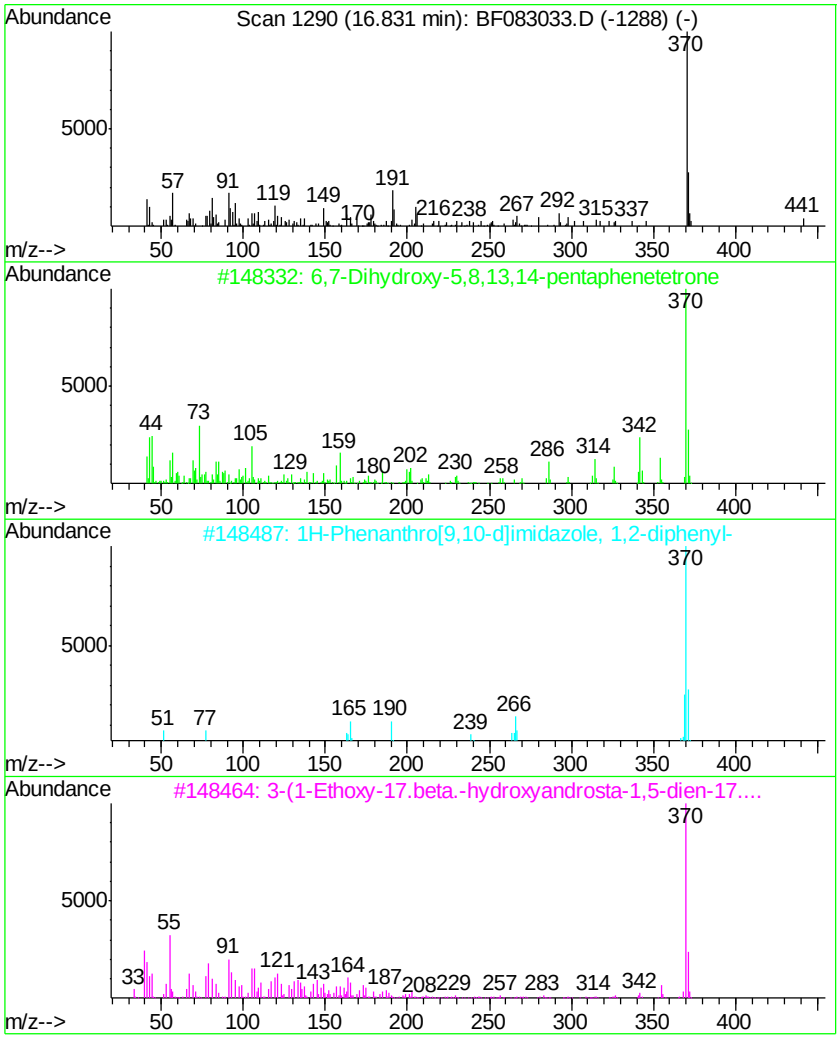
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

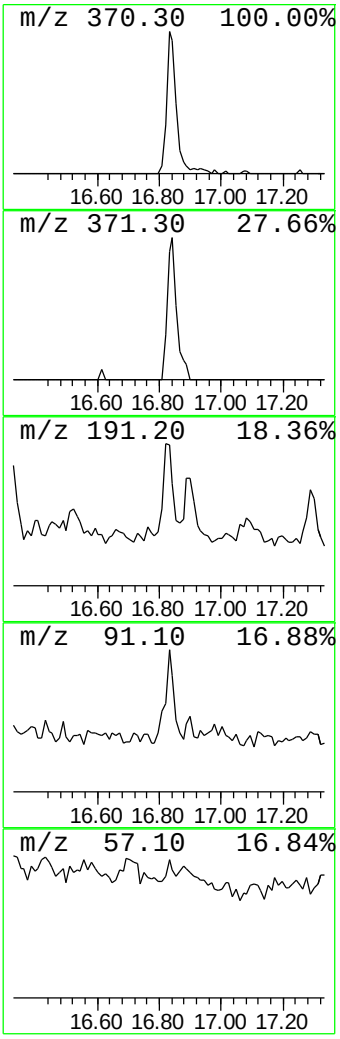
****

Peak Number 17 6,7-Dihydroxy-5,8,13,14-pen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.65 ng	132165	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dihydroxy-5,8,13,14-pentaphe...	370	C22H10O6	143592-48-7	59
2	1H-Phenanthro[9,10-d]imidazole, ...	370	C27H18N2	016408-28-9	59
3	3-(1-Ethoxy-17.beta.-hydroxyandr...	370	C24H34O3	1000225-51-8	58
4	1,2,3,4-Tetraphenyl-1,3-cyclopen...	370	C29H22	015570-45-3	45
5	Cholest-8(14)-ene, (5.alpha.)-	370	C27H46	054725-42-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083033.D
Acq On : 19 Nov 2015 3:17
Operator : UM/IZ
Sample : G4440-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V1S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	4.86	7.5	ng	258326	1	6.73	684001	20.0
unknown6.50	6.50	16.1	ng	550282	1	6.73	684001	20.0
Butane, 1,3-dibromo-	10.75	2.3	ng	129674	4	11.25	1106820	20.0
unknown10.78	10.78	3.5	ng	192515	4	11.25	1106820	20.0
Phenol, 4-(1,1-di...	10.82	3.2	ng	176735	4	11.25	1106820	20.0
unknown10.90	10.90	2.1	ng	118643	4	11.25	1106820	20.0
unknown10.93	10.93	2.3	ng	124702	4	11.25	1106820	20.0
4-tert-Butylpheny...	10.97	2.2	ng	121829	4	11.25	1106820	20.0
4H-Cyclopenta[def...	11.86	3.2	ng	179492	4	11.25	1106820	20.0
9,10-Anthracenedione	12.06	2.2	ng	122956	4	11.25	1106820	20.0
11H-Benzo[b]fluorene	13.01	2.1	ng	191560	5	13.88	1800910	20.0
Hexadecane	14.98	7.1	ng	165995	6	15.28	468037	20.0
unknown15.92	15.92	11.2	ng	262652	6	15.28	468037	20.0
unknown16.31	16.31	9.6	ng	224558	6	15.28	468037	20.0
6,7-Dihydroxy-5,8...	16.83	5.7	ng	132165	6	15.28	468037	20.0