LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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	5.013	251	256	262	rBV	2179964	3249290	48.67%	4.232%
2	5.436	290	293	296	rBV	4913195	5639994	84.49%	7.346%
3	6.464	380	383	386	rBV	4776755	6074236	90.99%	7.911%
4	6.601	392	395	397	rBV	5957008	6532814	97.86%	8.508%
5	6.830	412	415	417	rBV	1816574	1647867	24.69%	2.146%
6	6.990	426	429	431	rVB	4253986	4791972	71.78%	6.241%
7	7.390	461	464	466	rBV	3674230	3779004	56.61%	4.922%
8	8.110	525	527	530	rBV	1936450	1984277	29.72%	2.584%
9	9.196	619	622	624	rBV	6541818	6675485	100.00%	8.694%
10	9.585	654	656	658	rBV	1594316	1330292	19.93%	1.733%
11	9.813	674	676	678	rVB	147872	117877	1.77%	0.154%
12	9.870	678	681	683	rBV	2344367	2385050	35.73%	3.106%
13	10.316	716	720	721	rBV	129842	156878	2.35%	0.204%
14	10.533	736	739	742	rBV	50734	76432	1.14%	0.100%
15	10.659	747	750	752	rVV	3130441	4212707	63.11%	5.487%
16	10.785	759	761	766	rVB	175386	198252	2.97%	0.258%
17	11.230	798	800	802	rBV	122265	96530	1.45%	0.126%
18	11.345	808	810	813	rVB	2429958	2176808	32.61%	2.835%
19	11.825	850	852	853	rBV	130614	123804	1.85%	0.161%
20	11.905	856	859	860	rVV2	191449	316299	4.74%	0.412%
21	11.939	860	862	865	rVV2	149479	355188	5.32%	0.463%
22	11.996	865	867	869	rVV2	122140	161910	2.43%	0.211%
23	12.053	870	872	874	rVV	184078	267771	4.01%	0.349%
24	12.099	874	876	878	rVB	397180	396020	5.93%	0.516%
25	12.213	883	886	888	rVV	849133	931103	13.95%	1.213%
26	12.271	888	891	892	rVV2	122665	223170	3.34%	0.291%
27	12.305	892	894	895	rVV	80327	110312	1.65%	0.144%
28	12.385	899	901	903	rBV3	37690	70779	1.06%	0.092%
29	12.431	903	905	909	rVB2	462834	480232	7.19%	0.625%
30	12.602	918	920	922	rVV	695027	745464	11.17%	0.971%
31	12.659	922	925	930	rVV	494999	502623	7.53%	0.655%
32	12.774	933	935	938	rVB2	77475	109513	1.64%	0.143%
33	12.899	945	946	947	rBV	70727	92850	1.39%	0.121%
34	12.934	947	949	952	rVB	4267219	5124655	76.77%	6.674%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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	13.082	959	962	964	rBV	3378630	4400376	65.92%	5.731%
36	13.174	968	970	972	rBV2	52083	93986	1.41%	0.122%
37	13.471	994	996	999	rBV2	64911	81638	1.22%	0.106%
38	13.848	1027	1029	1036	rBV	506424	746923	11.19%	0.973%
39	13.985	1038	1041	1043	rBV	1851031	2197304	32.92%	2.862%
40	14.145	1052	1055	1057	rBV2	94597	114947	1.72%	0.150%
41	14.282	1065	1067	1070	rVB	67442	75990	1.14%	0.099%
42	14.488	1082	1085	1093	rBV	478868	893741	13.39%	1.164%
43	14.751	1106	1108	1111	rVB	252628	247119	3.70%	0.322%
44	15.402	1162	1165	1168	rBV	1375572	1641662	24.59%	2.138%
45	17.197	1318	1322	1329	rVB	990199	2134854	31.98%	2.780%
46	17.357	1332	1336	1343	rVV2	190002	594386	8.90%	0.774%
47	17.460	1343	1345	1351	rVB7	28479	89073	1.33%	0.116%
48	18.145	1400	1405	1411	rBV5	56490	159067	2.38%	0.207%
49	18.305	1415	1419	1431	rVB2	71158	212980	3.19%	0.277%
50	19.460	1514	1520	1525	rVB6	37533	134939	2.02%	0.176%
51	20.031	1566	1570	1579	rVB6	47586	169053	2.53%	0.220%
52	20.546	1609	1615	1622	rVB7	34211	135732	2.03%	0.177%
53	21.220	1666	1674	1688	rVB3	354037	1519098	22.76%	1.978%

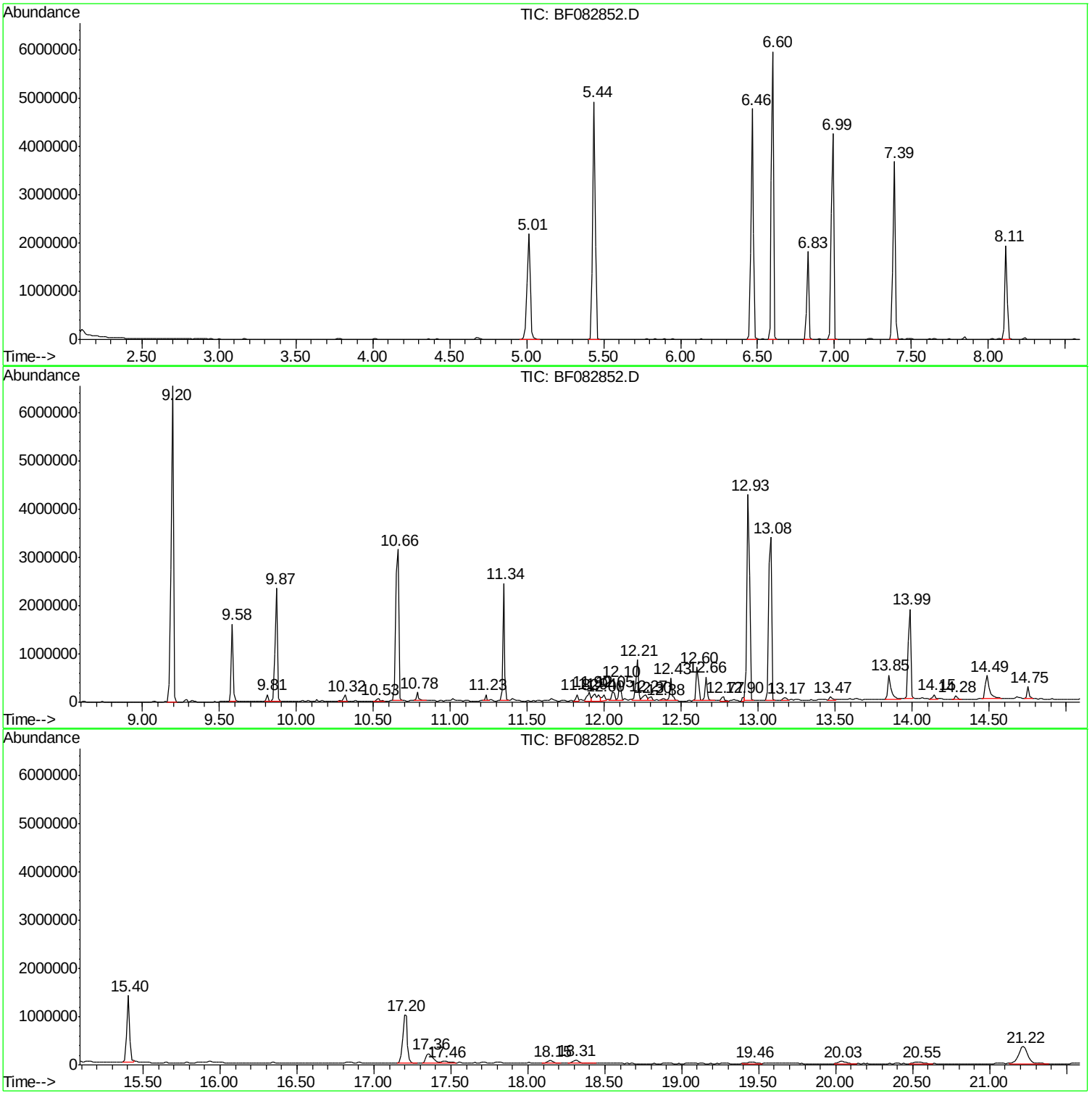
Sum of corrected areas: 76780326

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

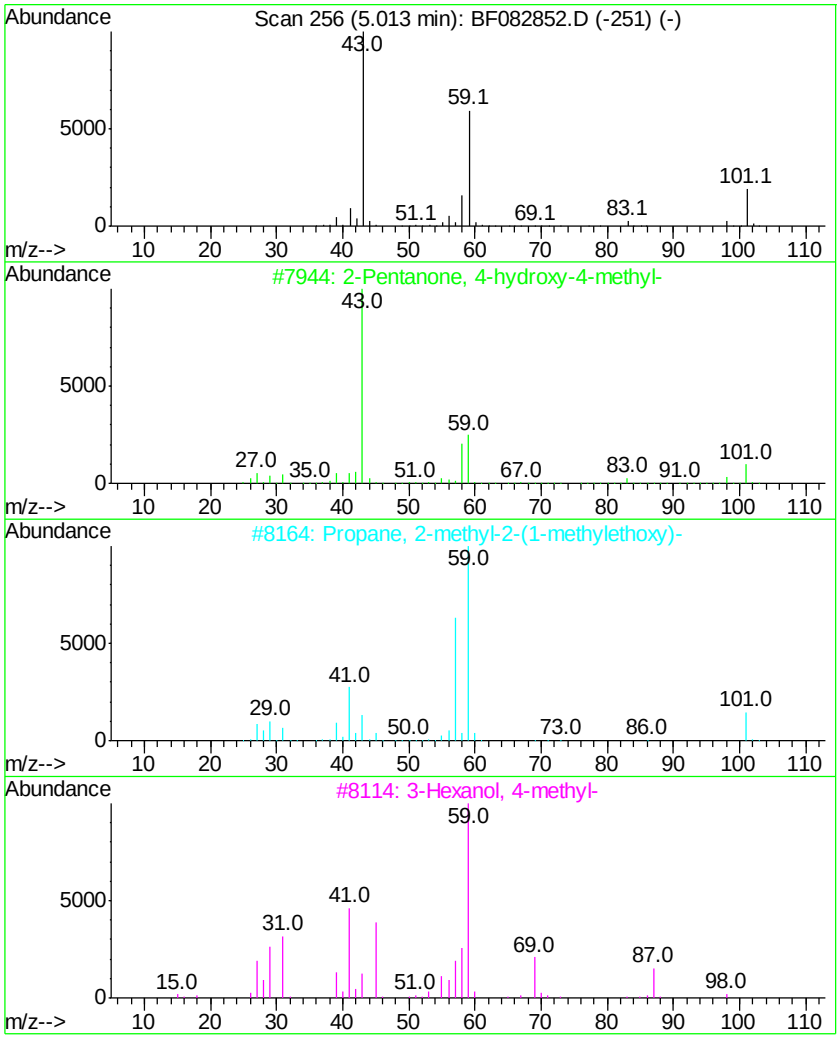
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

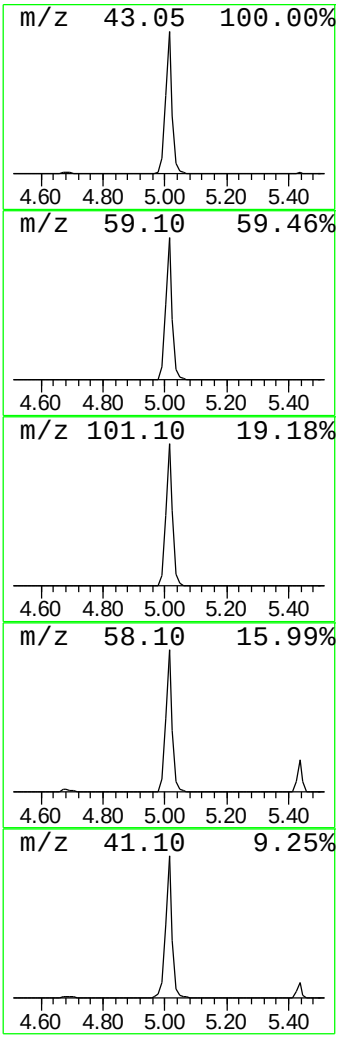
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	39.44 ng	3249290	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

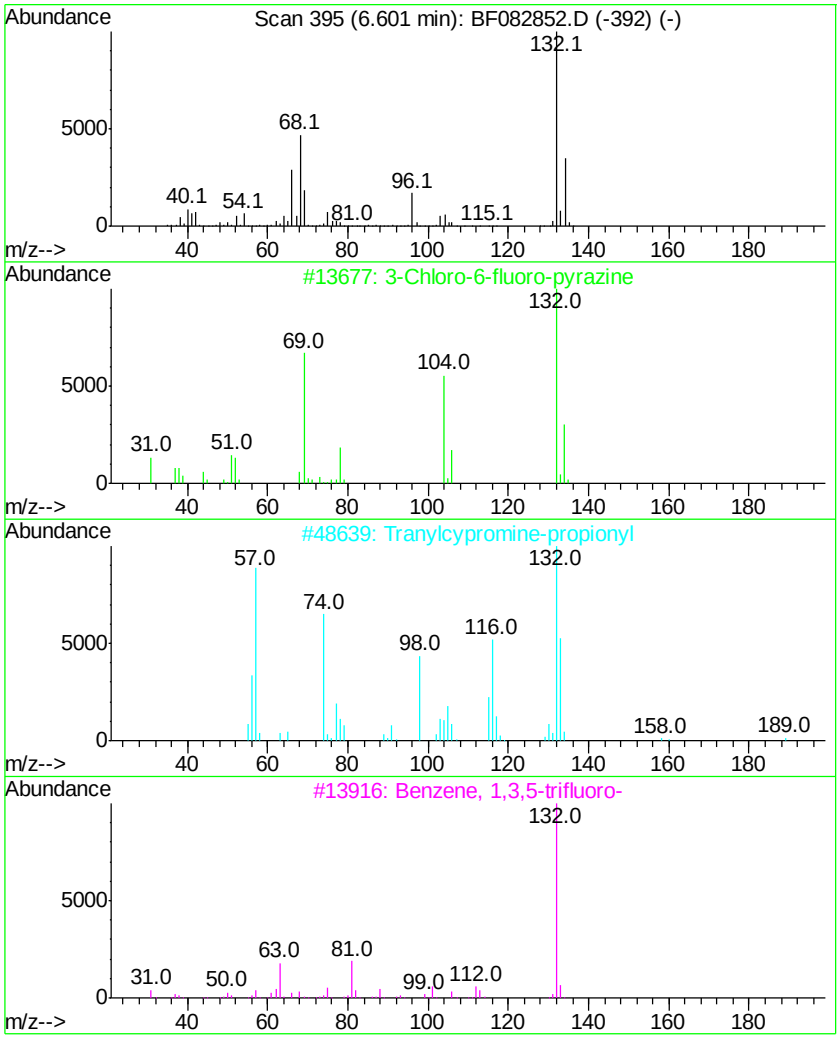
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

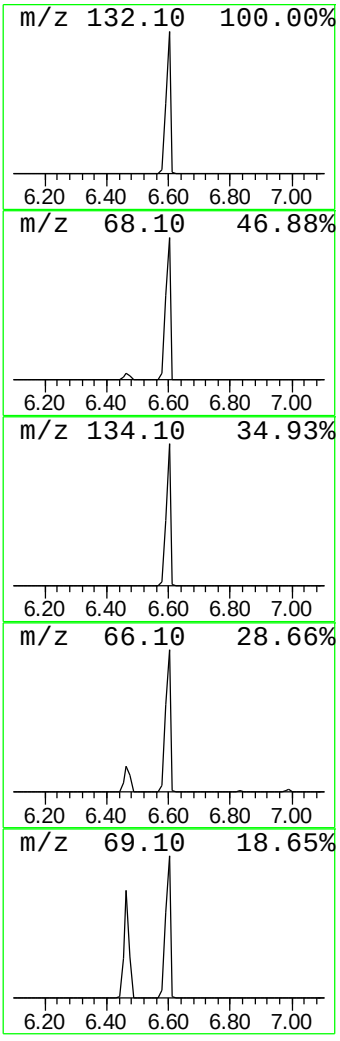
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	79.29 ng	6532810	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

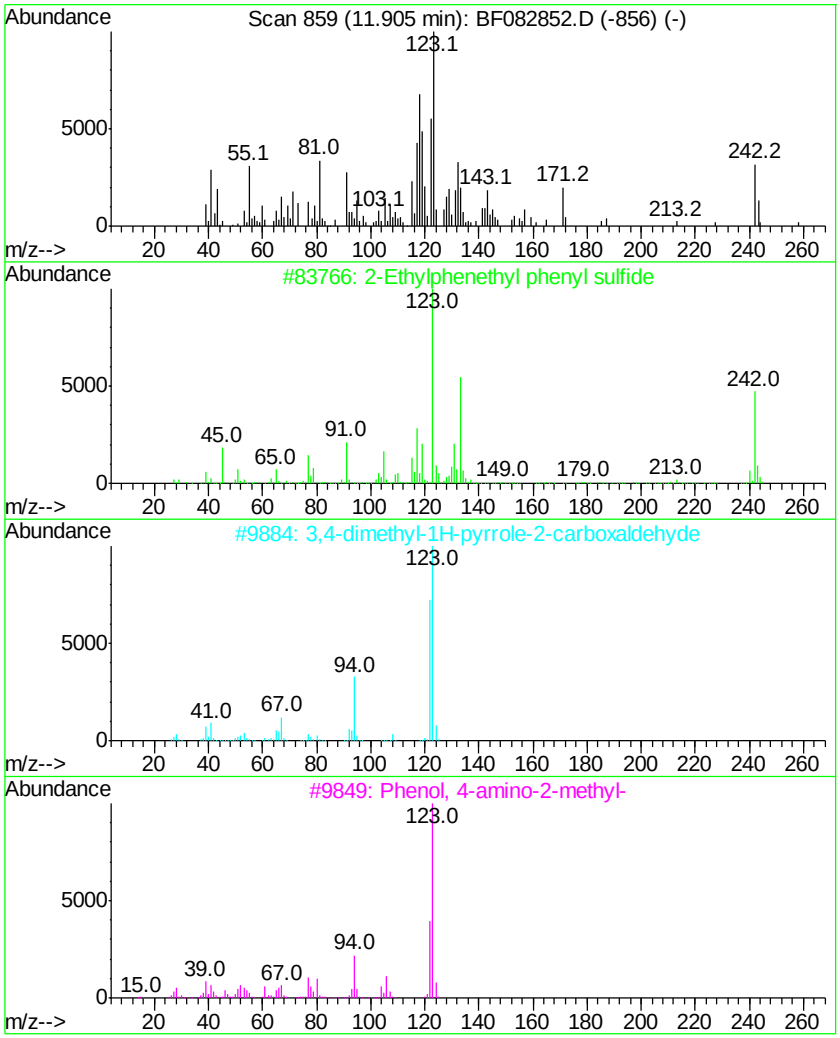
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

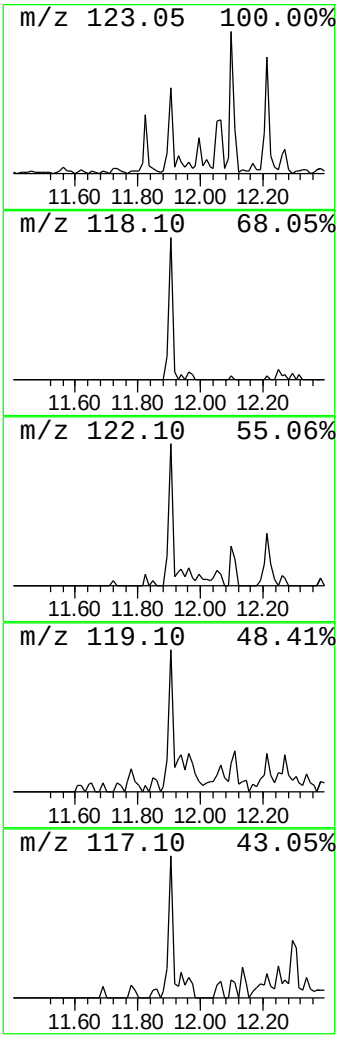
****

Peak Number 4 2-Ethylphenethyl phenyl sul... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.91 ng	316299	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylphenethyl phenyl sulfide	242	C16H18S	1000233-37-9	55
2	3,4-dimethyl-1H-pyrrole-2-carbox...	123	C7H9NO	019713-89-4	25
3	Phenol, 4-amino-2-methyl-	123	C7H9NO	002835-96-3	22
4	2,3-Di(2-pyridyl)-2,3-butanediol	244	C14H16N2O2	058052-51-0	22
5	Phenol, 2-amino-5-methyl-	123	C7H9NO	002835-98-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

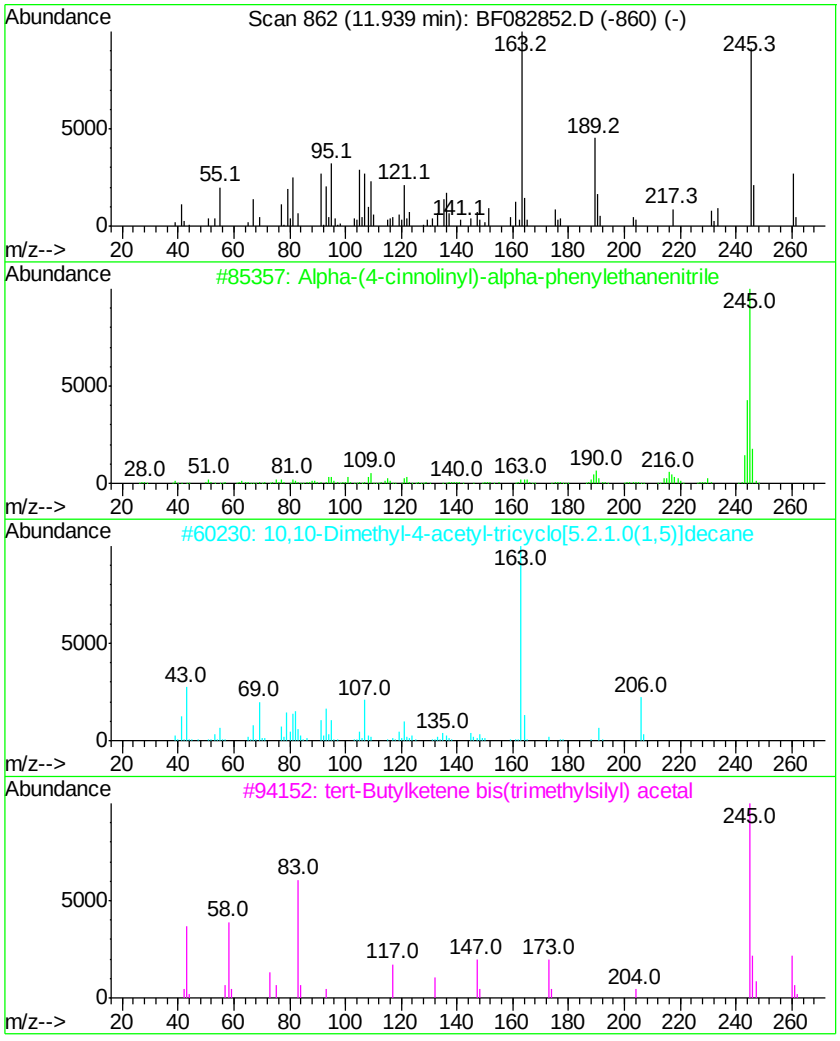
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

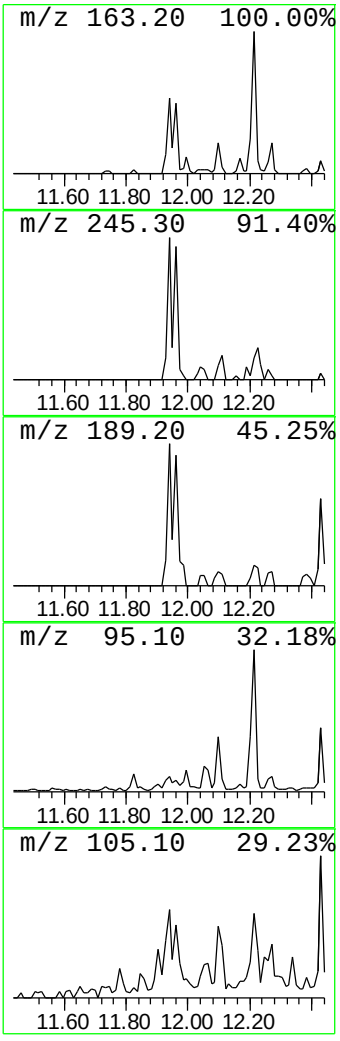
****

Peak Number 5 unknown11.94 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.26 ng	355188	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha-(4-cinnolinyl)-alpha-phenyl...	245	C16H11N3	018592-05-7	22
2	10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	22
3	tert-Butylketene bis(trimethylsi...	260	C12H28O2Si2	031469-23-5	22
4	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	22
5	2,3-Dimethyl-5-oxo-1-phenyl-3-py...	245	C12H11N3OS	091397-03-4	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

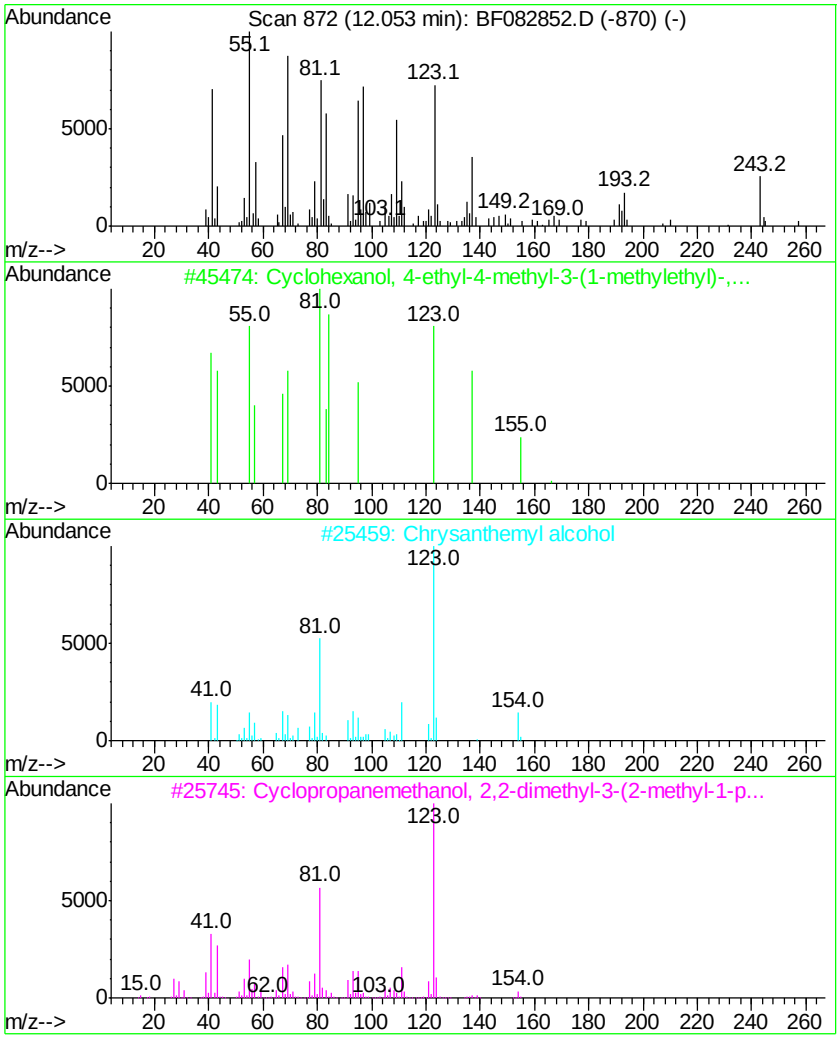
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

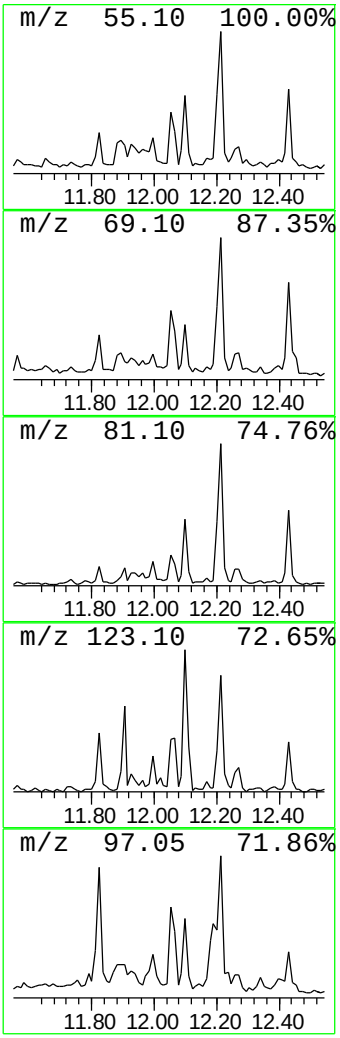
****

Peak Number 6 unknown12.05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.46 ng	267771	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-ethyl-4-methyl-3...	184	C12H24O	055869-52-8	35
2	Chrysanthemyl alcohol	154	C10H18O	018383-59-0	22
3	Cyclopropanemethanol, 2,2-dimeth...	154	C10H18O	005617-92-5	18
4	Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	14
5	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

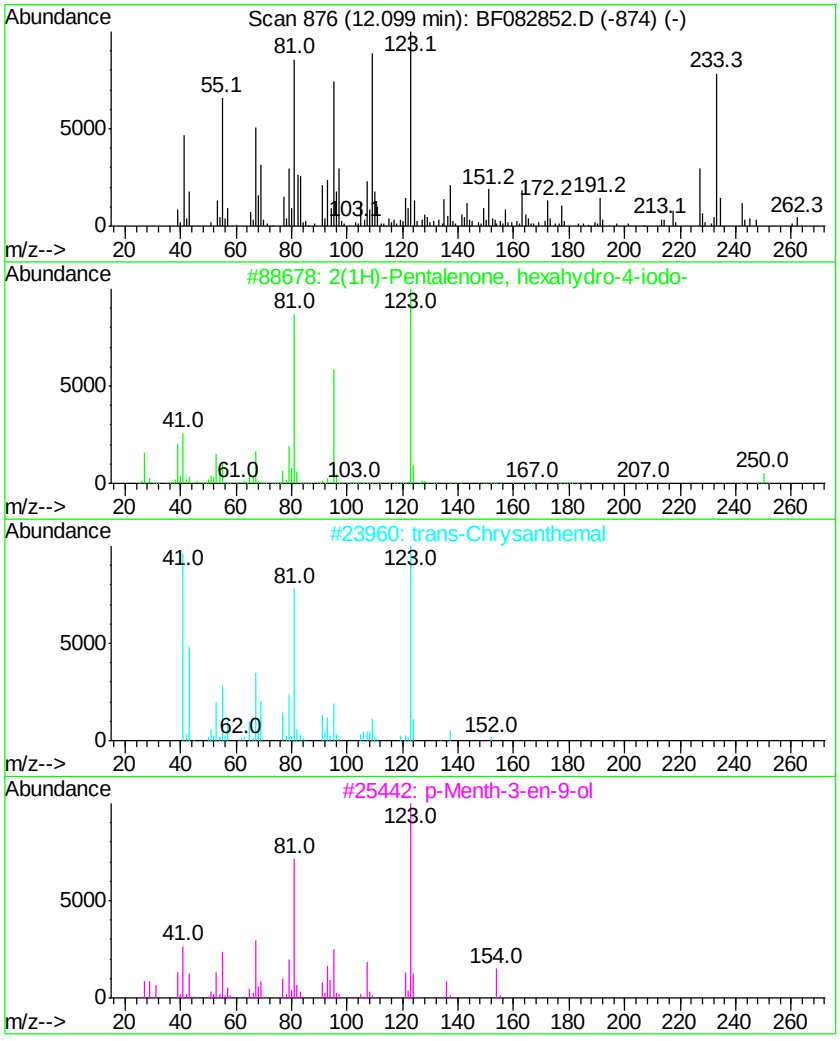
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

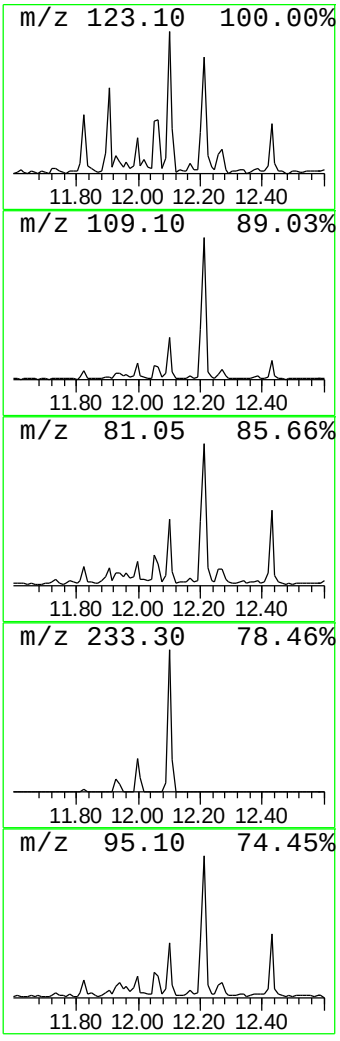
****

Peak Number 7 unknown12.10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.64 ng	396020	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	38
2	trans-Chrysanthemal	152	C10H16O	020104-05-6	30
3	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	27
4	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	27
5	N-p-Tolyl-4H-5,7a-epoxyisoindoline	227	C15H17NO	017960-76-8	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

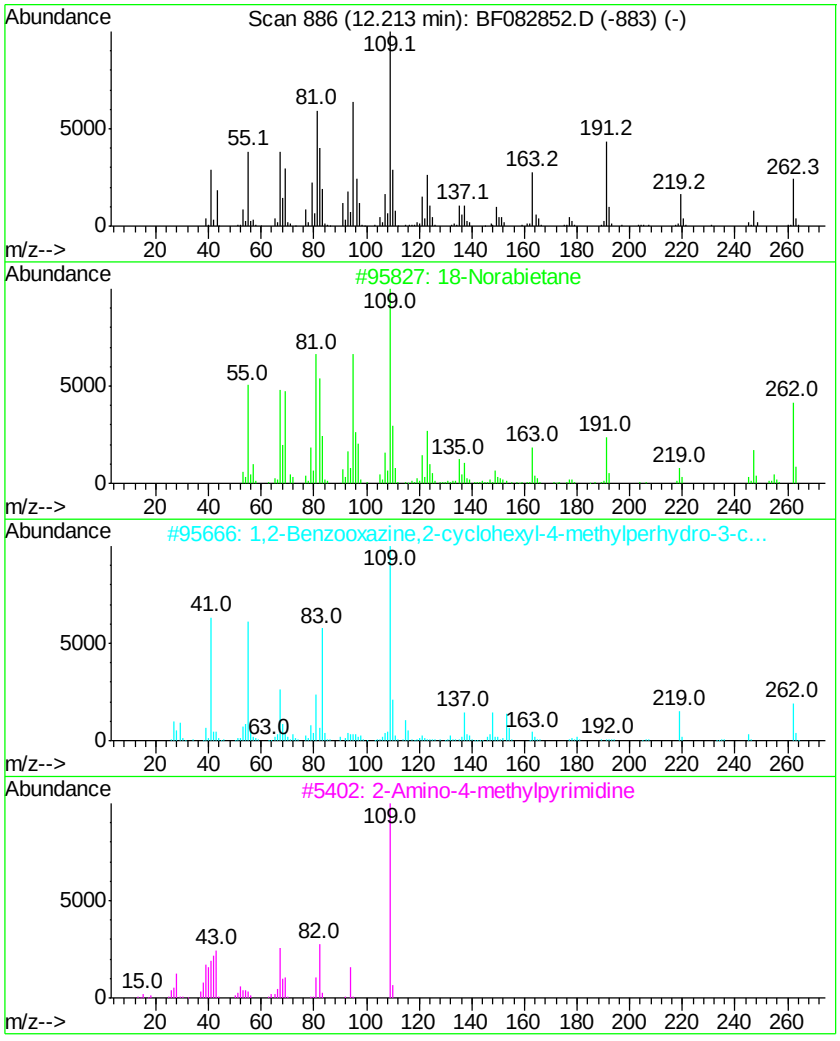
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

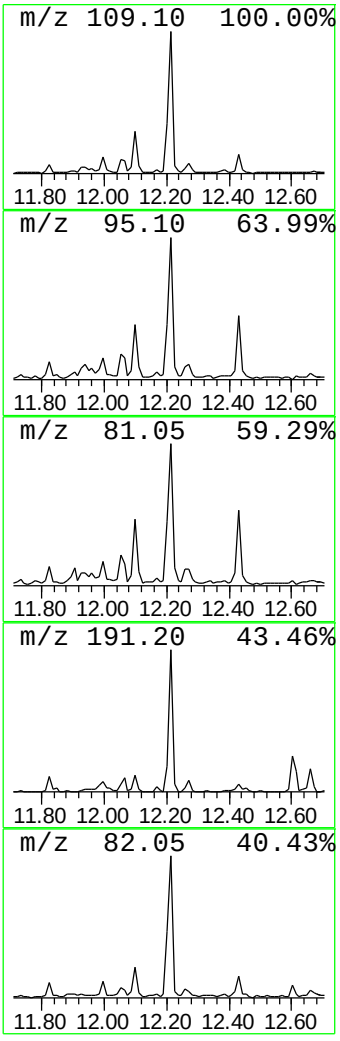
****

Peak Number 8 18-Norabietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	8.55 ng	931103	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	87
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
3	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	27
4	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27
5	2-n-Octylfuran	180	C12H20O	004179-38-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

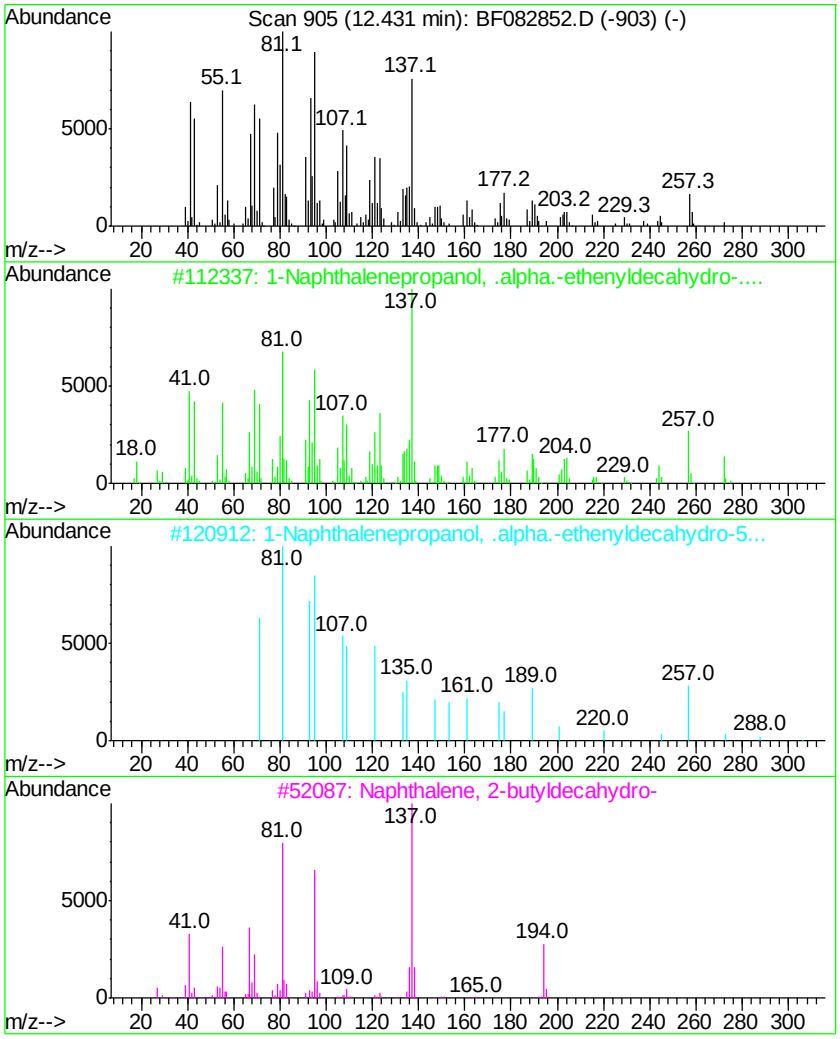
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

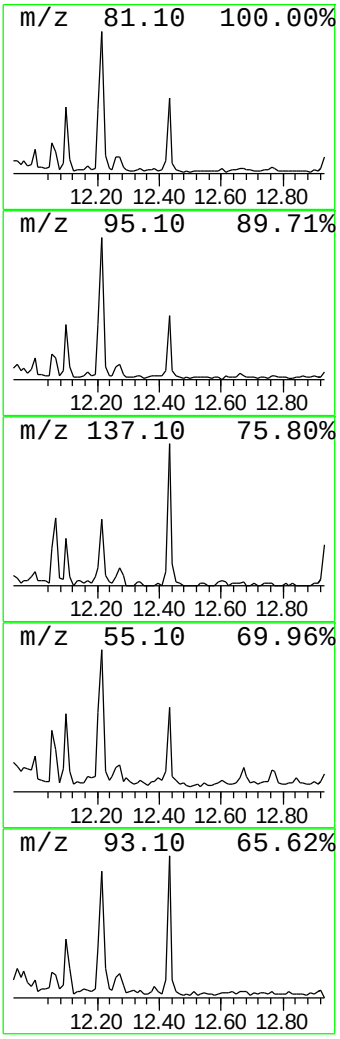
****

Peak Number 9 1-Naphthalenepropanol, .alp... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.41 ng	480232	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	64
2	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	58
3	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	47
4	Caryophyleine-(I3)	204	C15H24	136296-37-2	44
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	44





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

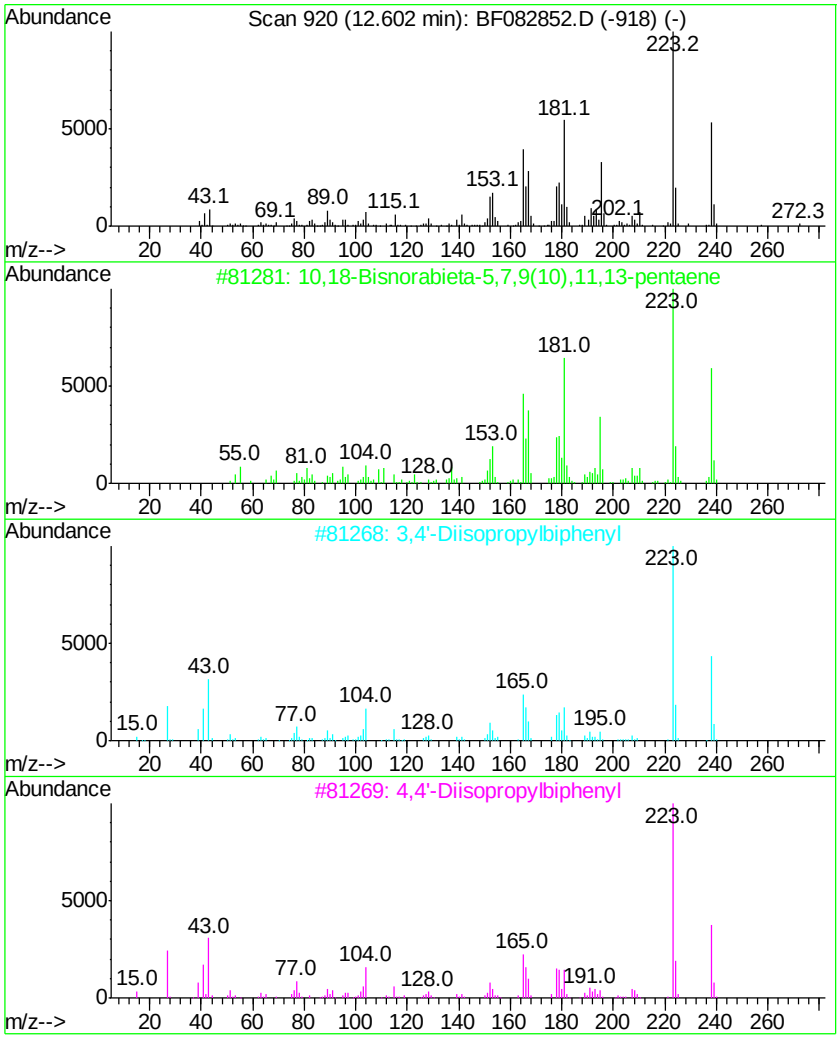
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

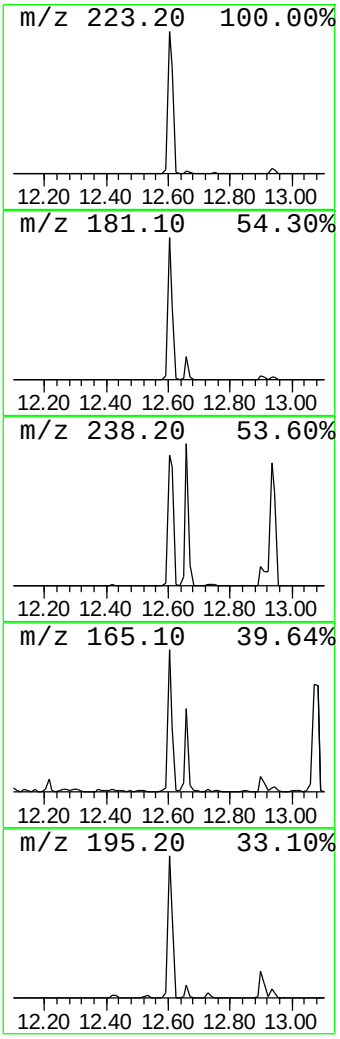
****

Peak Number 10 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.85 ng	745464	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	55
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	47
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

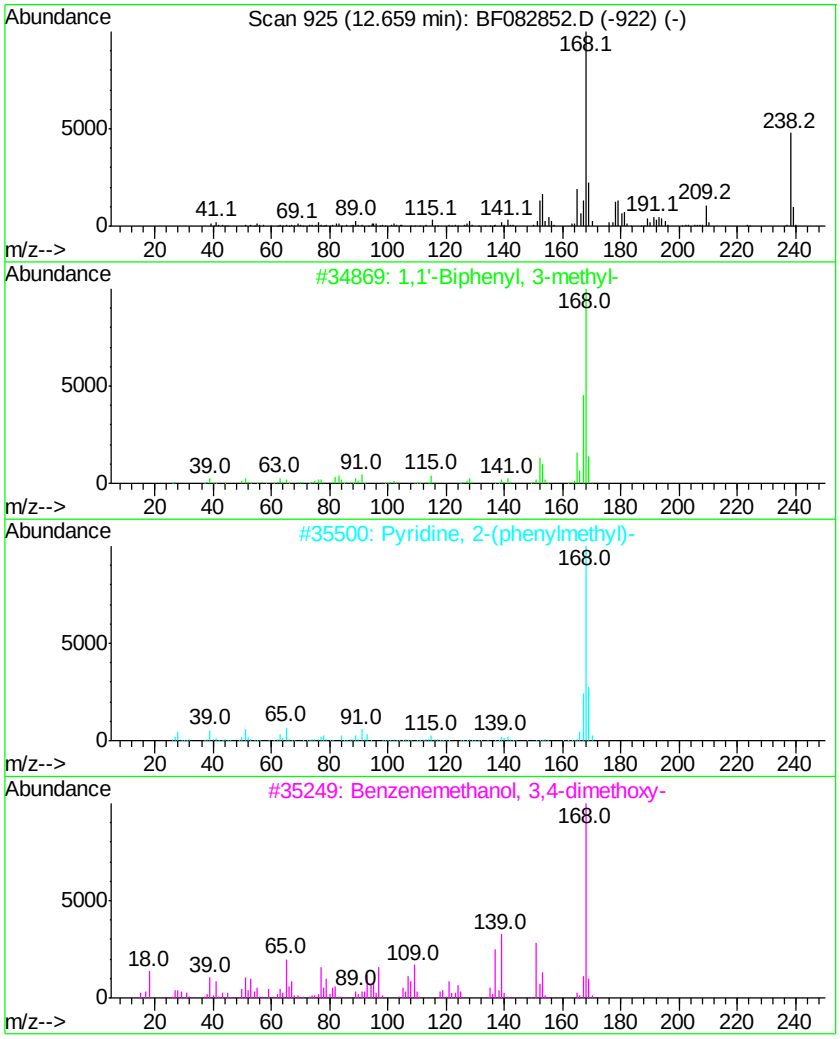
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

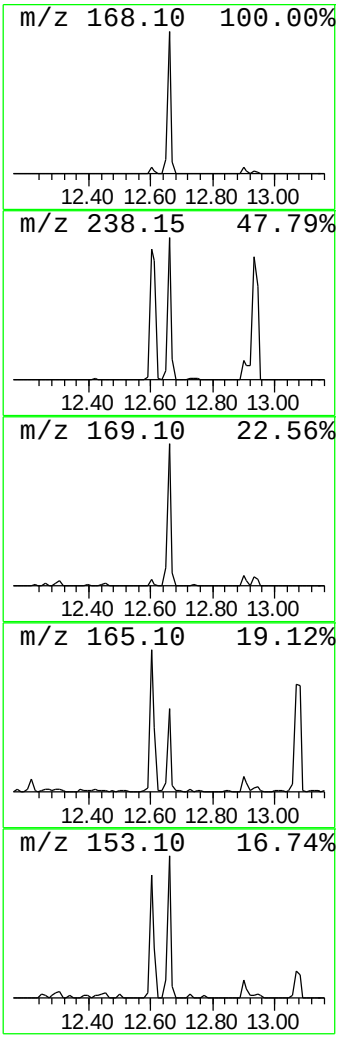
****

Peak Number 11 unknown12.66 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.62 ng	502623	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	42
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
3	Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	35
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	35
5	6,7-Dihydro-2-methylamino-4H-oxa...	168	C6H8N4O2	081287-23-2	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

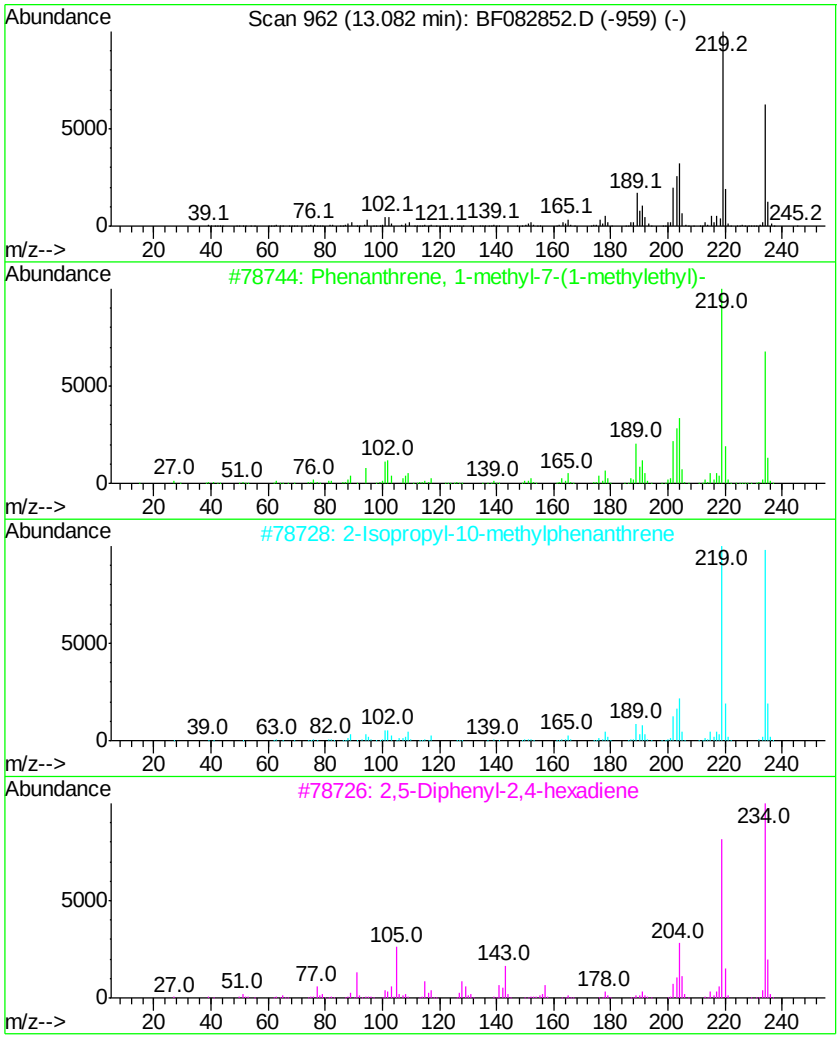
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

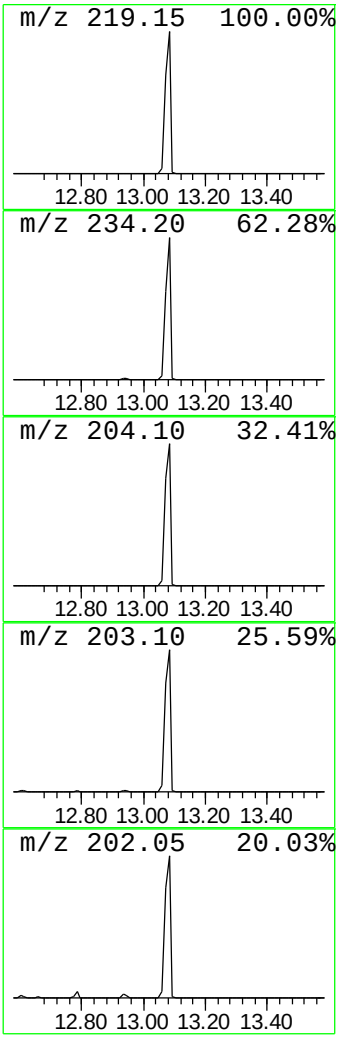
****

Peak Number 12 Phenanthrene, 1-methyl-7-(1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	40.05 ng	4400380	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
4	2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	53
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

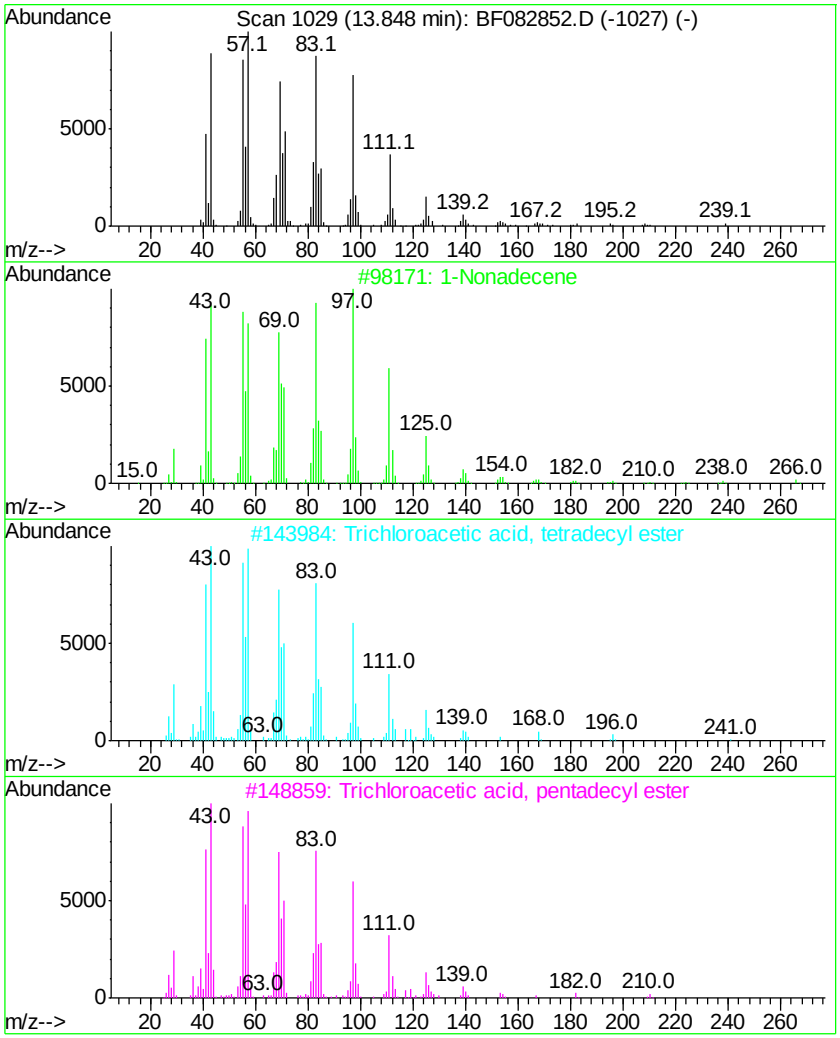
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

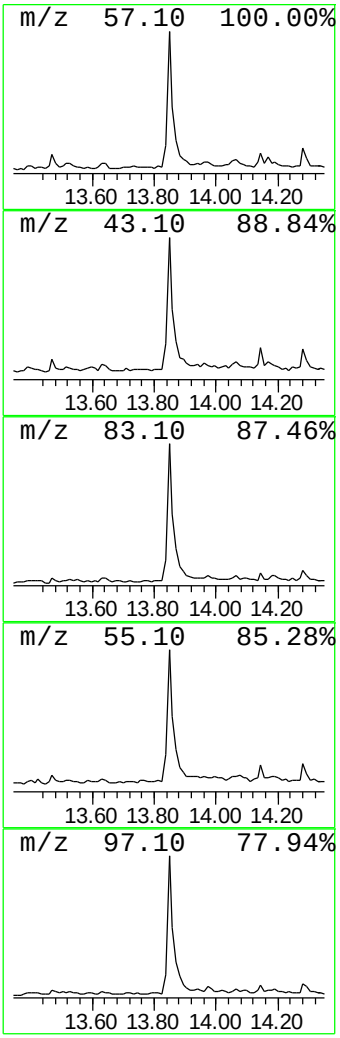
****

Peak Number 13 1-Nonadecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.80 ng	746923	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	11-Tricosene	322	C23H46	052078-56-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

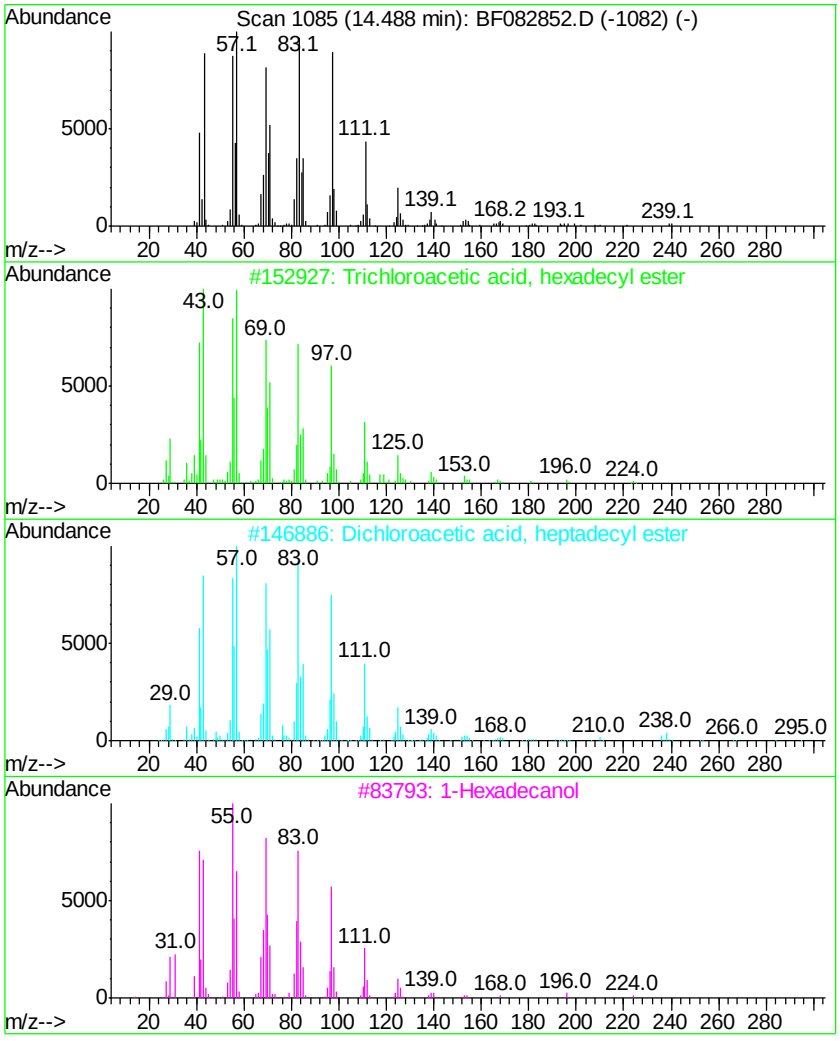
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

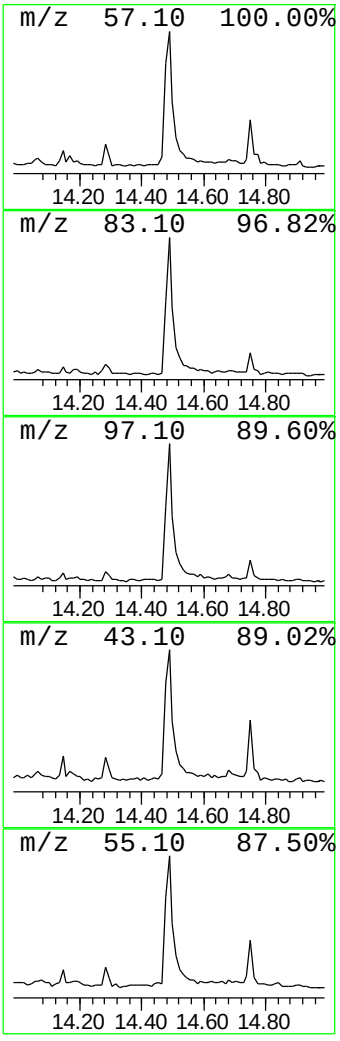
****

Peak Number 14 Trichloroacetic acid, hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	8.13 ng	893741	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5	Cyclopentadecane	210	C15H30	000295-48-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

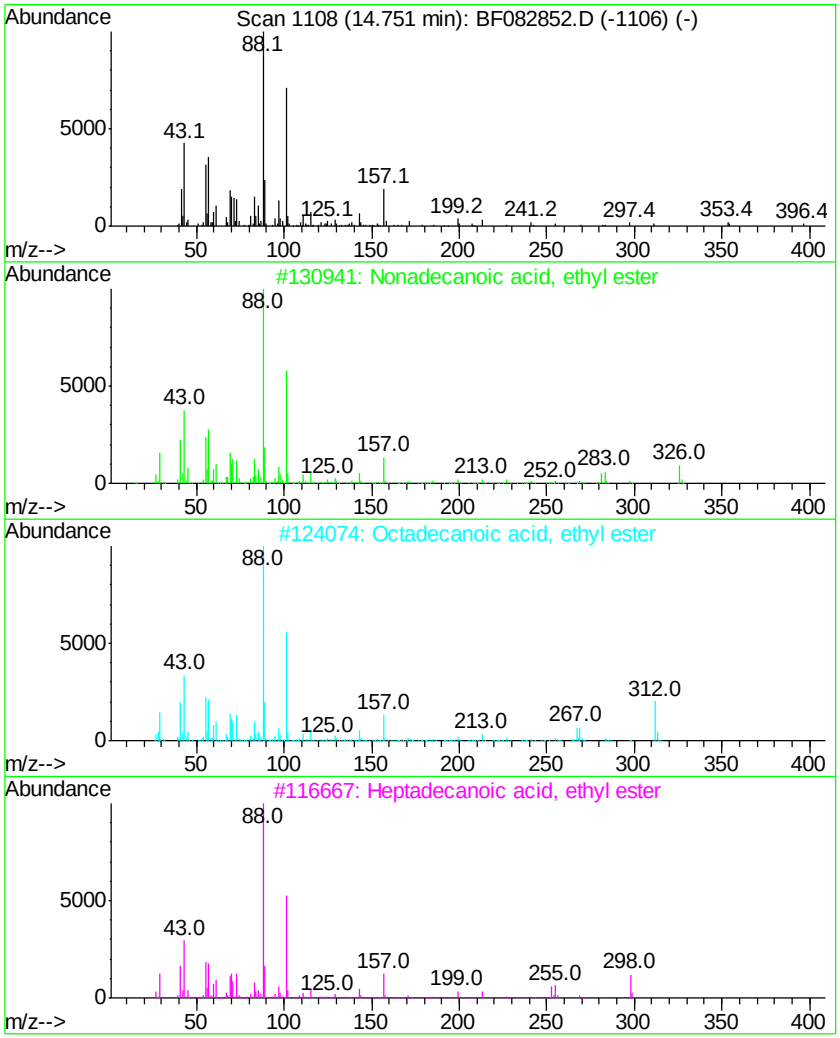
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

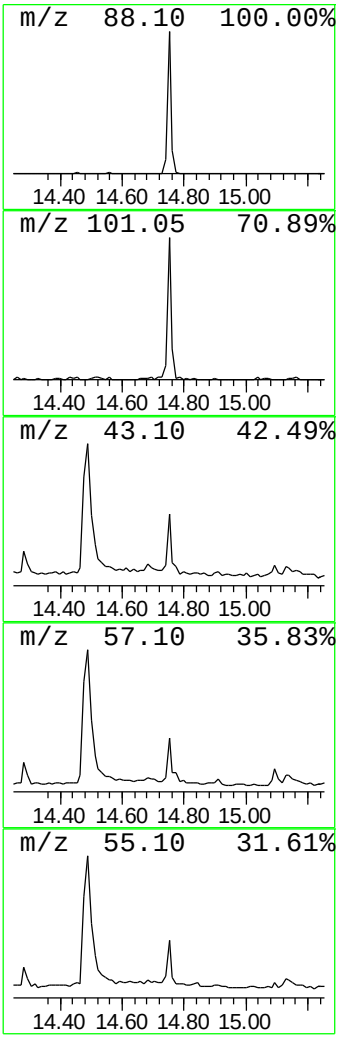
****

Peak Number 15 Nonadecanoic acid, ethyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.01 ng	247119	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	90
2	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	86
3	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	80
4	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	72
5	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

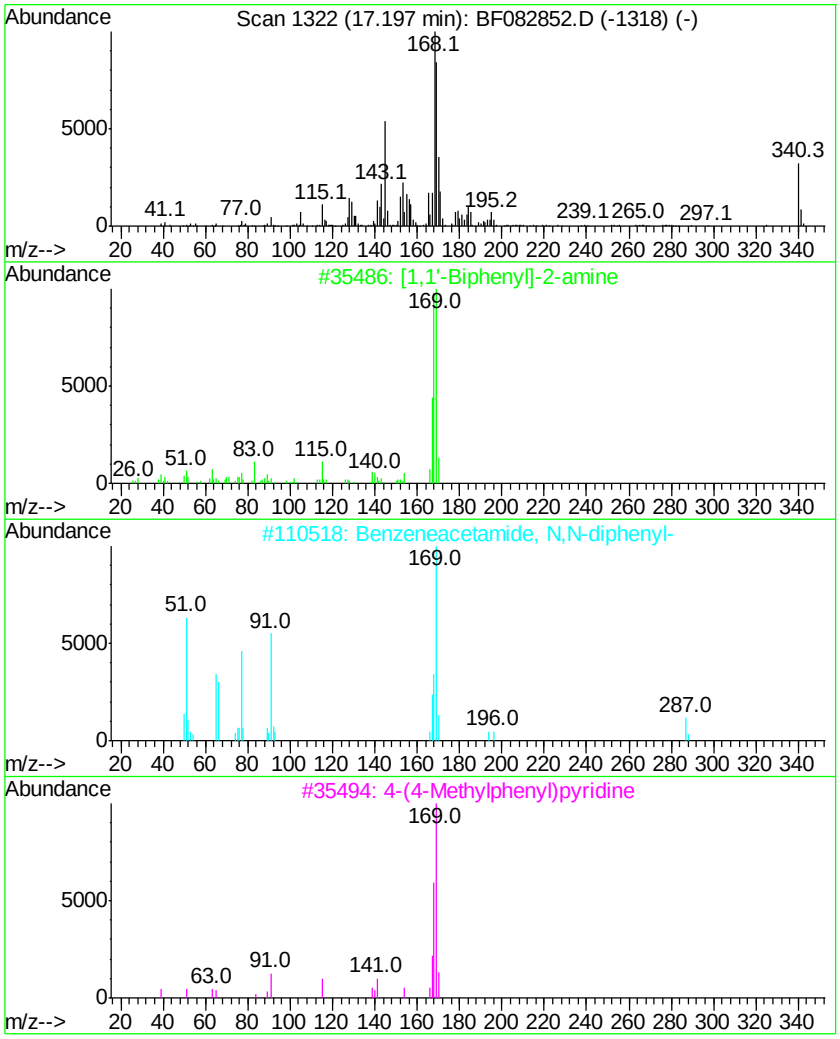
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

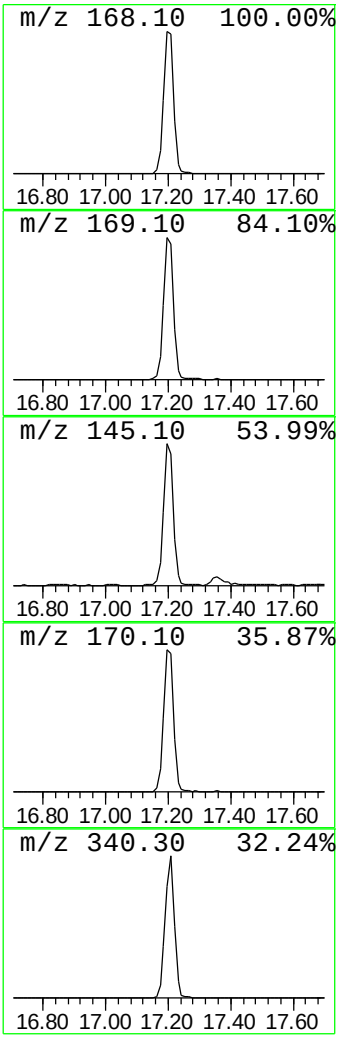
****

Peak Number 16 unknown17.20 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	26.01 ng	2134850	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	43
2	Benzeneacetamide, N,N-diphenyl-	287	C20H17NO	033675-70-6	35
3	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	27
4	Zoxazolamine	168	C7H5ClN2O	000061-80-3	25
5	3-Phenyl-3-(2-pyridyl)-N,N-dimet...	240	C16H20N2	000086-21-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

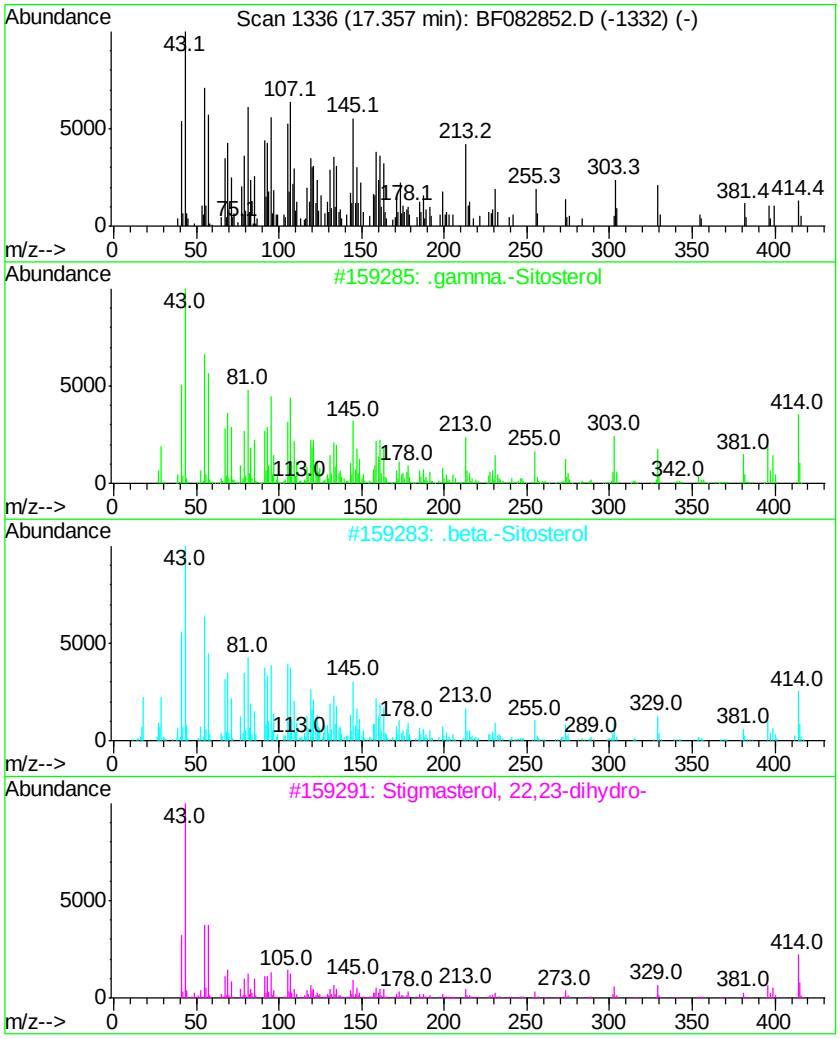
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

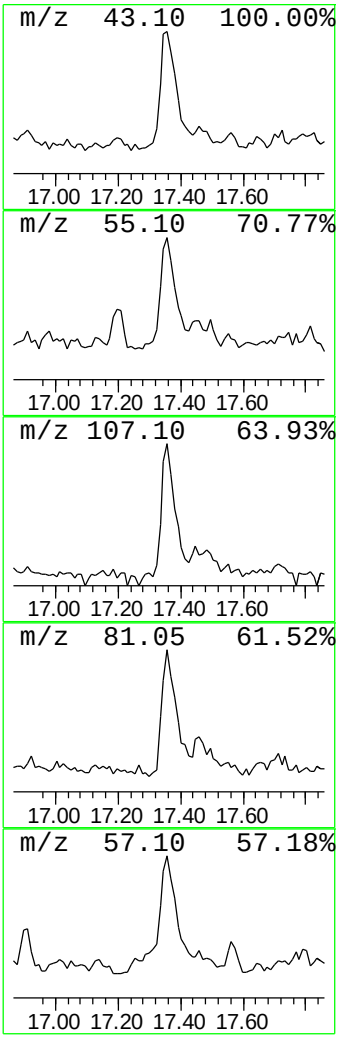
****

Peak Number 17 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	7.24 ng	594386	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	52
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	47
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

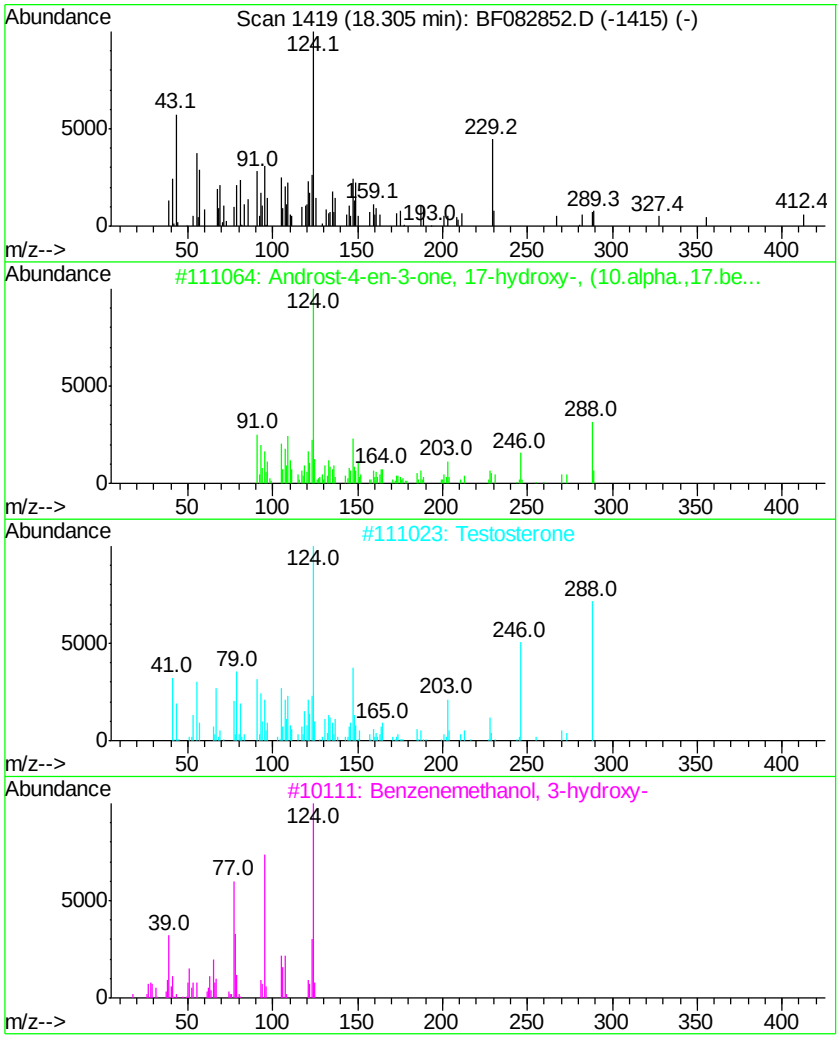
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

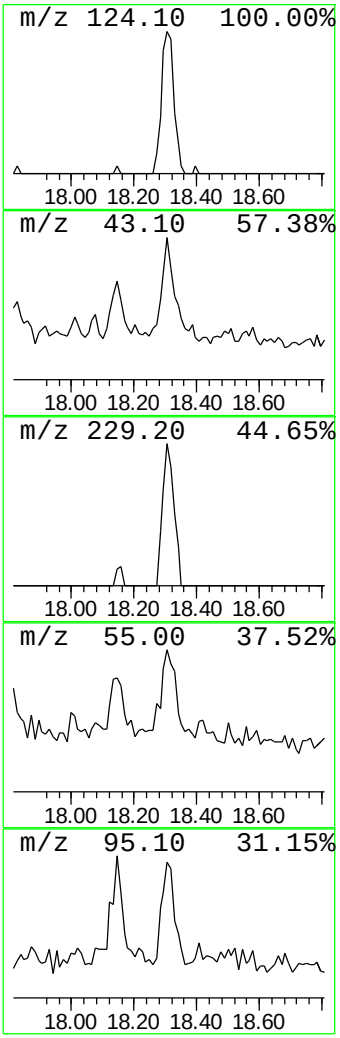
****

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.59 ng	212980	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	60
2	Testosterone	288	C19H28O2	000058-22-0	42
3	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	38
4	2-Propen-1-ol, 3-(2,6,6-trimethy...	180	C12H20O	029460-67-1	38
5	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

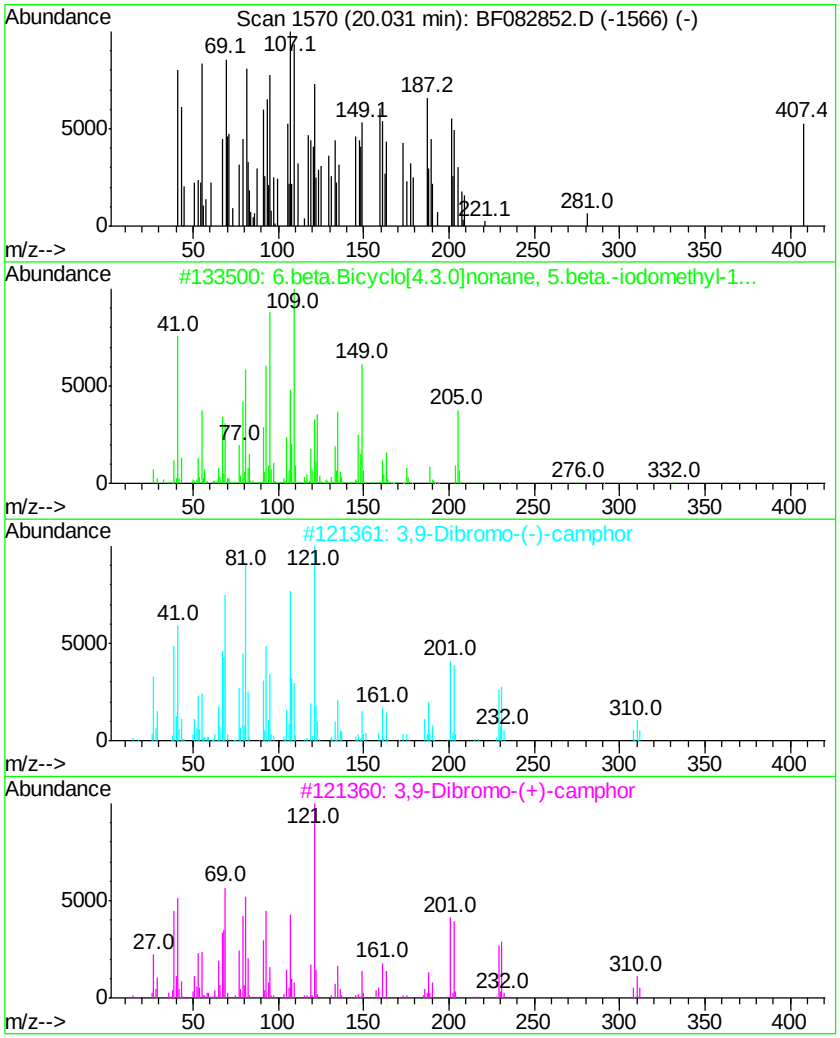
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

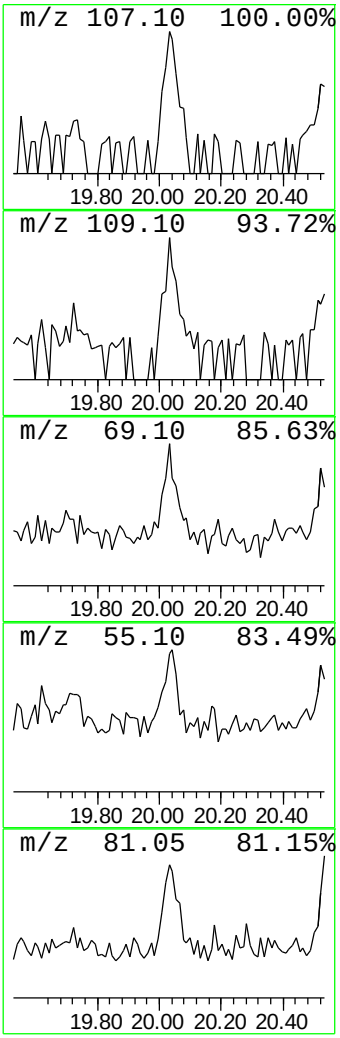
****

Peak Number 19 unknown20.03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.06 ng	169053	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	25
2	3,9-Dibromo-(-)-camphor	308	C10H14Br2O	064474-55-1	22
3	3,9-Dibromo-(+)-camphor	308	C10H14Br2O	010293-10-4	22
4	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	18
5	(4-Fluorophenoxy)acetic acid, (2...	372	C21H25FN2O3	1000295-56-3	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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

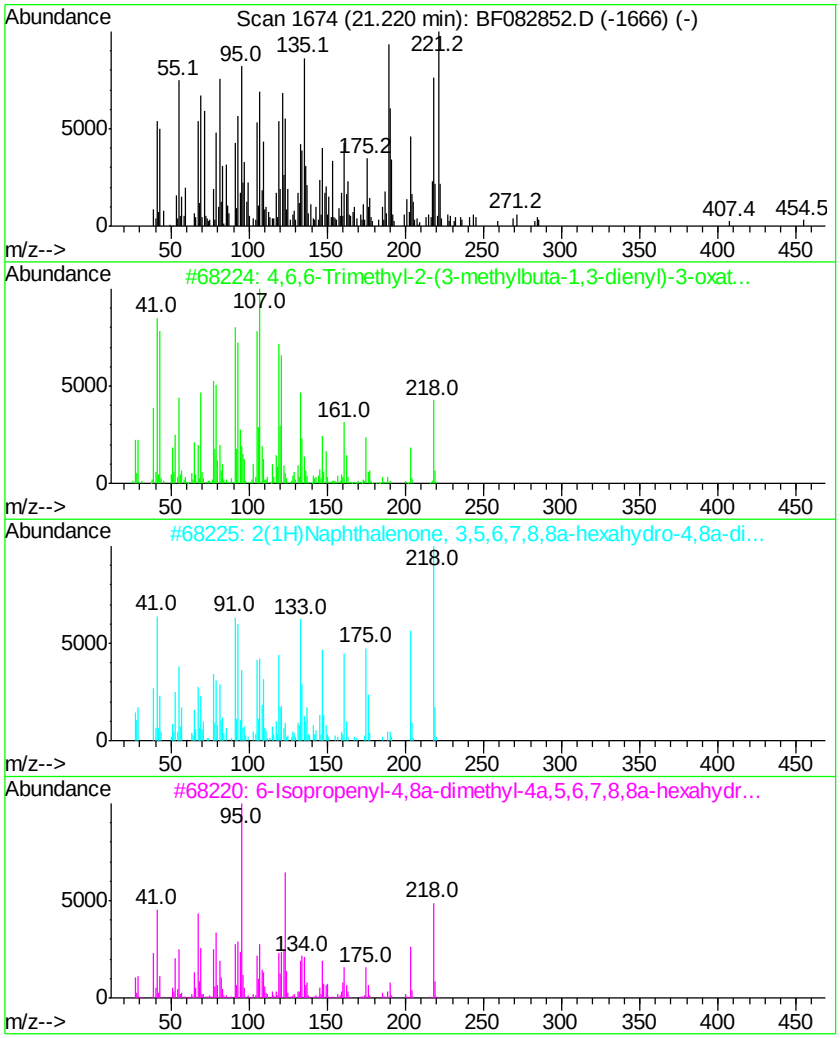
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

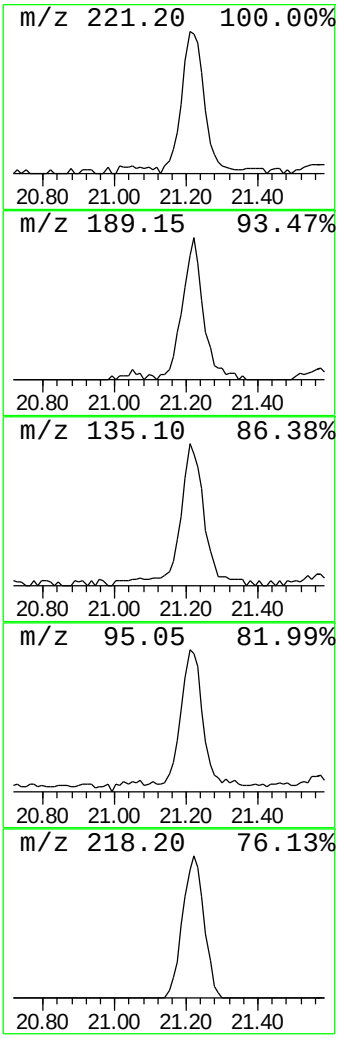
****

Peak Number 20 unknown21.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	18.51 ng	1519100	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	45
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	38
3	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	30
4	Coumarin, 7-hydroxy-4-methyl-3-p...	218	C13H14O3	019491-93-1	30
5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082852.D
Acq On : 10 Nov 2015 4:15
Operator : UM/IZ
Sample : G4286-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2C

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...	5.01	39.4	ng	3249290	1	6.83	1647870	20.0
unknown6.60	6.60	79.3	ng	6532810	1	6.83	1647870	20.0
2-Ethylphenethyl ...	11.90	2.9	ng	316299	4	11.34	2176810	20.0
unknown11.94	11.94	3.3	ng	355188	4	11.34	2176810	20.0
unknown12.05	12.05	2.5	ng	267771	4	11.34	2176810	20.0
unknown12.10	12.10	3.6	ng	396020	4	11.34	2176810	20.0
18-Norabietane	12.21	8.6	ng	931103	4	11.34	2176810	20.0
1-Naphthaleneprop...	12.43	4.4	ng	480232	4	11.34	2176810	20.0
10,18-Bisnorabiet...	12.60	6.8	ng	745464	4	11.34	2176810	20.0
unknown12.66	12.66	4.6	ng	502623	4	11.34	2176810	20.0
Phenanthrene, 1-m...	13.08	40.0	ng	4400380	5	13.98	2197300	20.0
1-Nonadecene	13.85	6.8	ng	746923	5	13.98	2197300	20.0
Trichloroacetic a...	14.49	8.1	ng	893741	5	13.98	2197300	20.0
Nonadecanoic acid...	14.75	3.0	ng	247119	6	15.40	1641660	20.0
unknown17.20	17.20	26.0	ng	2134850	6	15.40	1641660	20.0
.gamma.-Sitosterol	17.36	7.2	ng	594386	6	15.40	1641660	20.0
Androst-4-en-3-on...	18.31	2.6	ng	212980	6	15.40	1641660	20.0
unknown20.03	20.03	2.1	ng	169053	6	15.40	1641660	20.0
unknown21.22	21.22	18.5	ng	1519100	6	15.40	1641660	20.0