LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

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-BF060716.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	1.656	3	6	8	rVB	3874675	5994902	100.00%	7.020%
2	1.747	12	14	23	rVB	277038	611175	10.19%	0.716%
3	1.873	23	25	39	rVB	1500468	2485269	41.46%	2.910%
4	4.993	295	298	302	rVB	112028	171651	2.86%	0.201%
5	5.404	332	334	337	rBV	1503259	2073173	34.58%	2.428%
6	6.445	423	425	428	rBV	1486929	2117975	35.33%	2.480%
7	6.582	434	437	439	rBV	2242706	2142098	35.73%	2.508%
8	6.810	455	457	459	rBV	758144	612715	10.22%	0.718%
9	6.970	468	471	473	rBV	1920520	1690390	28.20%	1.980%
10	7.382	504	507	509	rBV	1187198	1390469	23.19%	1.628%
11	8.102	567	570	572	rBV	916719	923950	15.41%	1.082%
12	9.176	661	664	666	rBV	2661802	2365138	39.45%	2.770%
13	9.565	696	698	701	rBV	332666	317471	5.30%	0.372%
14	9.713	708	711	713	rBV	533699	703126	11.73%	0.823%
15	9.851	720	723	724	rBV	939086	913098	15.23%	1.069%
16	10.628	789	791	793	rVB2	998189	1189914	19.85%	1.393%
17	10.754	800	802	806	rVB	167179	210719	3.51%	0.247%
18	10.948	816	819	822	rBV3	45387	119488	1.99%	0.140%
19	11.085	827	831	834	rVV4	94645	215395	3.59%	0.252%
20	11.325	850	852	853	rBV	880387	771941	12.88%	0.904%
21	11.405	856	859	860	rVV	446715	547556	9.13%	0.641%
22	11.428	860	861	864	rVV3	87361	116976	1.95%	0.137%
23	11.576	869	874	877	rBV3	145766	382605	6.38%	0.448%
24	11.622	877	878	880	rVV	124106	129046	2.15%	0.151%
25	11.828	893	896	897	rBV	266262	272508	4.55%	0.319%
26	11.851	897	898	900	rVB	247176	213788	3.57%	0.250%
27	11.897	900	902	904	rBV2	224340	265275	4.43%	0.311%
28	11.942	904	906	910	rVV	473862	863173	14.40%	1.011%
29	12.125	918	922	925	rVV3	167103	354586	5.91%	0.415%
30	12.274	932	935	936	rBV	131518	183168	3.06%	0.214%
31	12.297	936	937	938	rVV	157633	153193	2.56%	0.179%
32	12.377	941	944	946	rVV	470047	613634	10.24%	0.719%
33	12.411	946	947	950	rVV2	280292	444212	7.41%	0.520%
34	12.457	950	951	956	rVV2	243931	449060	7.49%	0.526%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.548	956	959	961	rVV	3483429	4342468	72.44%	5.085%
36	12.594	961	963	965	rVV3	136501	305292	5.09%	0.358%
37	12.628	965	966	968	rVV	457780	373602	6.23%	0.438%
38	12.708	968	973	975	rVV2	141731	431385	7.20%	0.505%
39	12.777	975	979	981	rVV2	2797908	4655929	77.66%	5.452%
40	12.822	981	983	985	rVB2	201862	319574	5.33%	0.374%
41	12.879	985	988	989	rBV	328732	377545	6.30%	0.442%
42	12.914	989	991	993	rVV	1610046	1749527	29.18%	2.049%
43	12.982	994	997	1001	rBV2	584638	1055824	17.61%	1.236%
44	13.097	1003	1007	1008	rVV	605935	1417270	23.64%	1.660%
45	13.154	1010	1012	1014	rVV	558684	710297	11.85%	0.832%
46	13.188	1014	1015	1019	rVV3	589742	1135777	18.95%	1.330%
47	13.257	1019	1021	1022	rVV	213497	333893	5.57%	0.391%
48	13.291	1022	1024	1025	rVV	402623	519763	8.67%	0.609%
49	13.314	1025	1026	1028	rVV	436052	526320	8.78%	0.616%
50	13.405	1031	1034	1037	rVV3	107245	281834	4.70%	0.330%
51	13.497	1037	1042	1045	rVV5	213414	805680	13.44%	0.943%
52	13.600	1047	1051	1053	rVV2	399014	938805	15.66%	1.099%
53	13.657	1055	1056	1058	rVV	212298	274355	4.58%	0.321%
54	13.702	1058	1060	1062	rVV	530268	901982	15.05%	1.056%
55	13.737	1062	1063	1064	rVV	678045	640976	10.69%	0.751%
56	13.760	1064	1065	1068	rVV2	621147	1062628	17.73%	1.244%
57	13.805	1068	1069	1071	rVV	502377	511241	8.53%	0.599%
58	13.874	1071	1075	1078	rVV2	161704	533685	8.90%	0.625%
59	13.954	1079	1082	1084	rVV2	2358267	4303985	71.79%	5.040%
60	13.988	1084	1085	1088	rVV	1700975	1777986	29.66%	2.082%
61	14.068	1088	1092	1093	rVV2	386563	798677	13.32%	0.935%
62	14.102	1093	1095	1097	rVV2	287094	621774	10.37%	0.728%
63	14.137	1097	1098	1100	rVV2	241785	375303	6.26%	0.439%
64	14.171	1100	1101	1103	rVV2	334274	482393	8.05%	0.565%
65	14.217	1103	1105	1108	rVV	241321	471234	7.86%	0.552%
66	14.274	1108	1110	1111	rVV2	178222	259054	4.32%	0.303%
67	14.308	1111	1113	1114	rVV	268620	385861	6.44%	0.452%
68	14.342	1114	1116	1118	rVV	794746	1052826	17.56%	1.233%
69	14.377	1118	1119	1121	rVV	458992	469382	7.83%	0.550%
70	14.434	1121	1124	1125	rVV2	389239	653808	10.91%	0.766%
71	14.468	1125	1127	1130	rVV3	446551	928524	15.49%	1.087%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.537	1130	1133	1136	rVV3	241052	421061	7.02%	0.493%
73	14.583	1136	1137	1140	rVV3	90808	175336	2.92%	0.205%
74	14.640	1140	1142	1143	rVV	229506	291890	4.87%	0.342%
75	14.720	1147	1149	1150	rVV	145643	190961	3.19%	0.224%
76	14.754	1150	1152	1154	rVB2	107406	152789	2.55%	0.179%
77	14.811	1154	1157	1161	rBV3	206234	517948	8.64%	0.607%
78	14.880	1161	1163	1165	rVV2	116654	161290	2.69%	0.189%
79	14.983	1168	1172	1176	rBV	1681501	4086060	68.16%	4.785%
80	15.074	1178	1180	1182	rVV	622125	657286	10.96%	0.770%
81	15.177	1185	1189	1190	rBV3	144212	330853	5.52%	0.387%
82	15.211	1190	1192	1193	rVV	100906	135706	2.26%	0.159%
83	15.257	1193	1196	1199	rVV	1016054	1449527	24.18%	1.697%
84	15.314	1199	1201	1204	rVV	1207029	1896321	31.63%	2.221%
85	15.371	1204	1206	1207	rVV	451954	543424	9.06%	0.636%
86	15.405	1207	1209	1212	rVB2	450430	690860	11.52%	0.809%
87	15.703	1234	1235	1238	rVB2	91902	111131	1.85%	0.130%
88	15.771	1239	1241	1243	rVV	63148	109272	1.82%	0.128%
89	15.817	1243	1245	1247	rVV	72486	128030	2.14%	0.150%
90	15.885	1250	1251	1256	rVB2	118044	191804	3.20%	0.225%
91	16.423	1295	1298	1305	rVB5	109170	323582	5.40%	0.379%
92	16.583	1306	1312	1318	rBV4	131227	523086	8.73%	0.613%
93	16.743	1321	1326	1329	rBV2	514602	1062631	17.73%	1.244%
94	16.891	1336	1339	1342	rBV	136220	291337	4.86%	0.341%
95	16.948	1342	1344	1346	rVV	94686	162742	2.71%	0.191%
96	17.143	1357	1361	1369	rVB	416470	878534	14.65%	1.029%
97	17.280	1370	1373	1376	rVB5	51445	126232	2.11%	0.148%
98	17.360	1376	1380	1388	rVB2	95827	259616	4.33%	0.304%
99	19.212	1537	1542	1550	rVB2	101602	446587	7.45%	0.523%
100	19.383	1552	1557	1561	rBV	75795	282549	4.71%	0.331%

Sum of corrected areas: 85393741

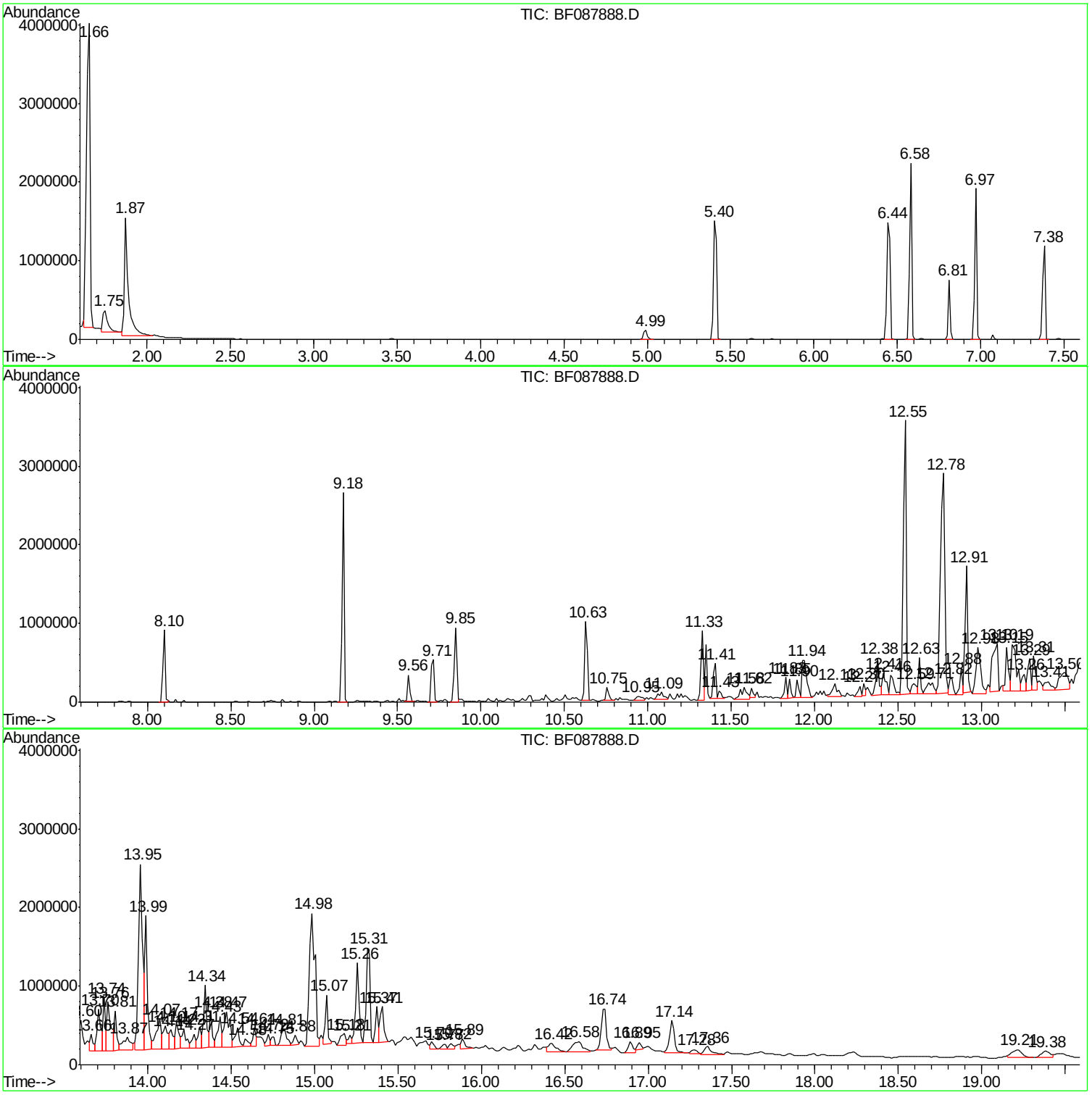
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

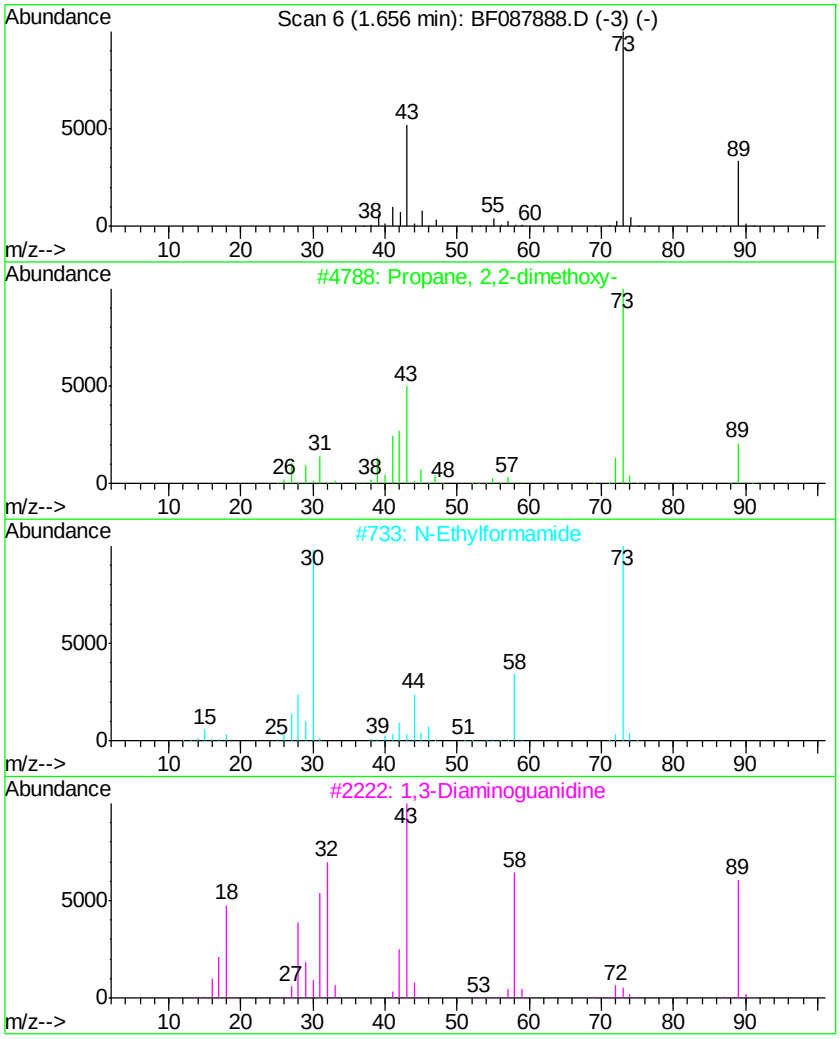
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

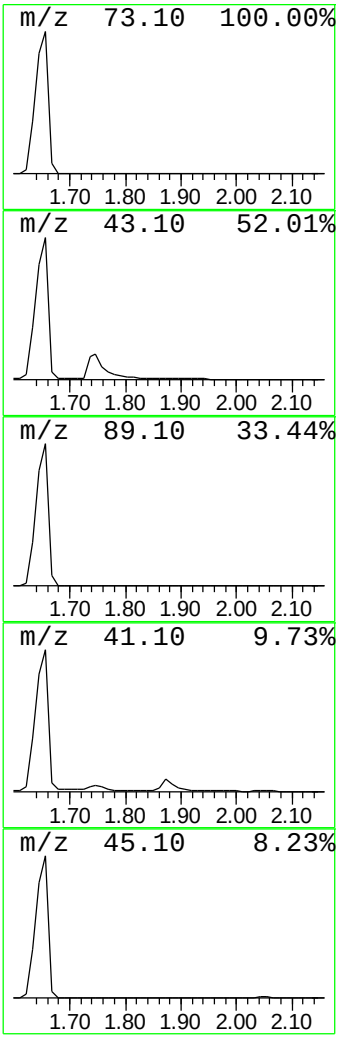
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	195.68 ng	5994900	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

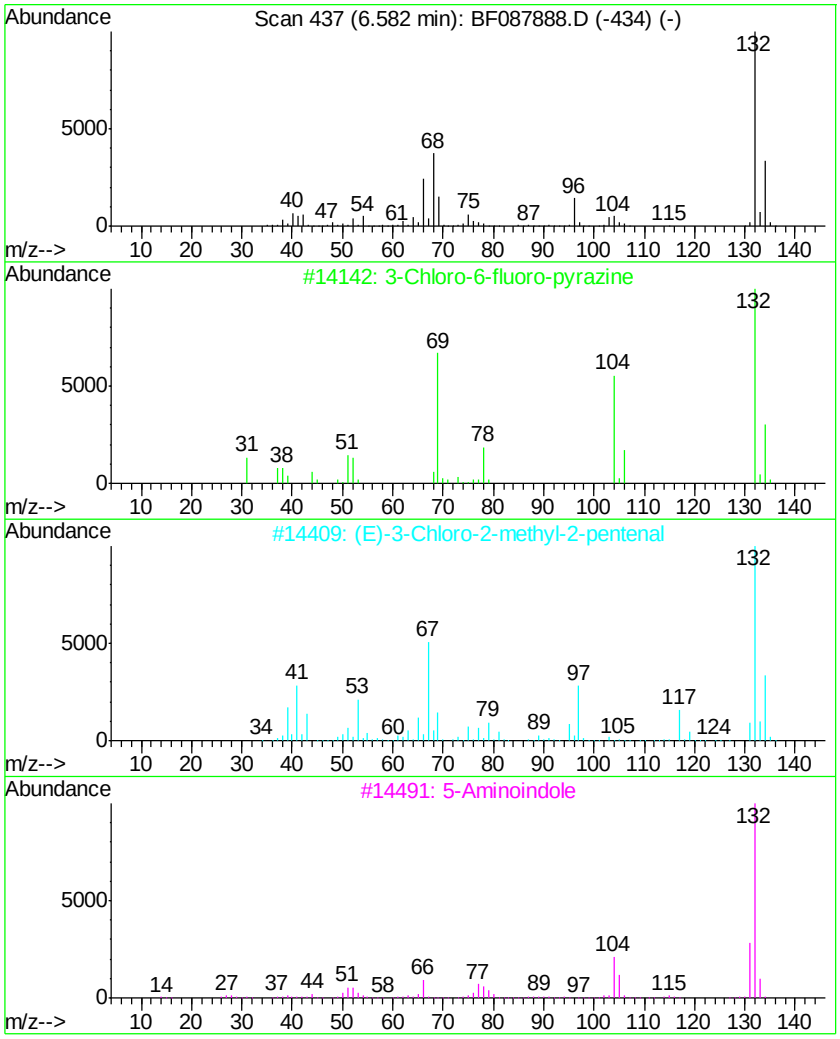
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

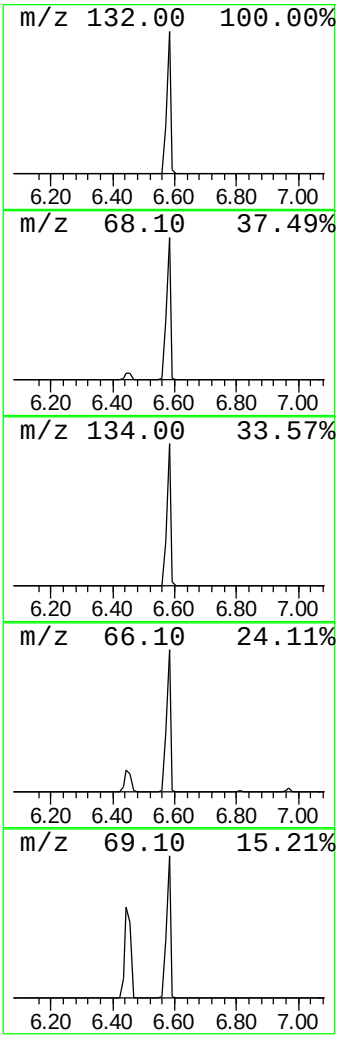
****

Peak Number 4 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	69.92 ng	2142100	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

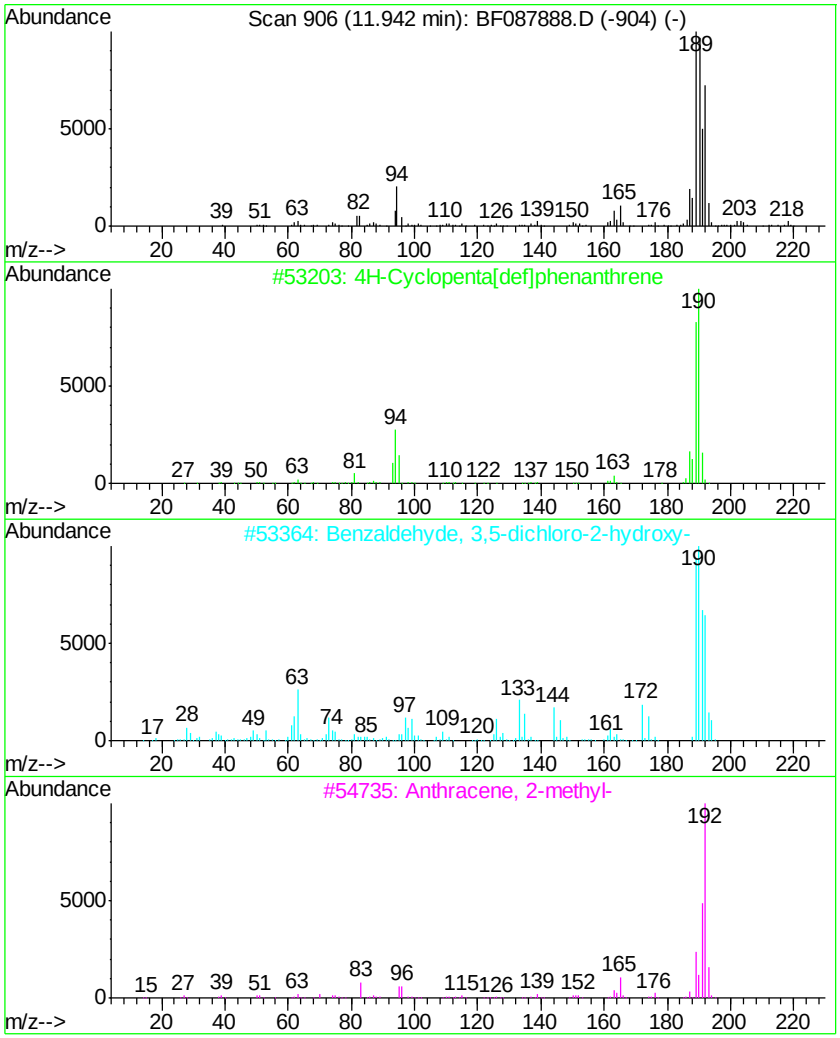
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

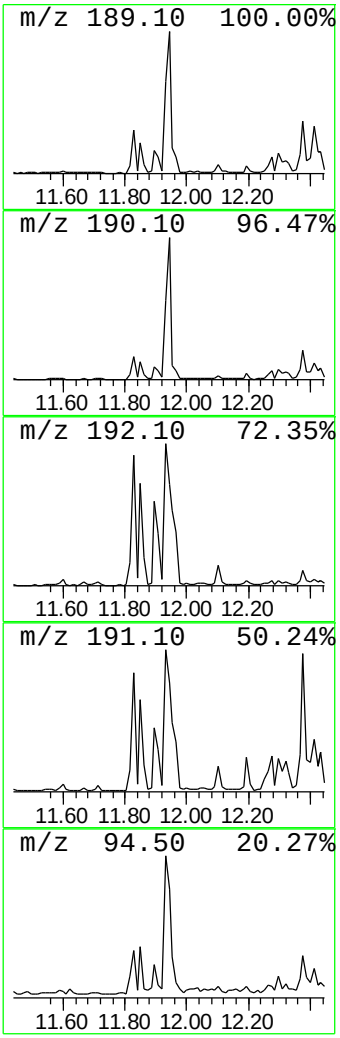
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	22.36 ng	863173	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

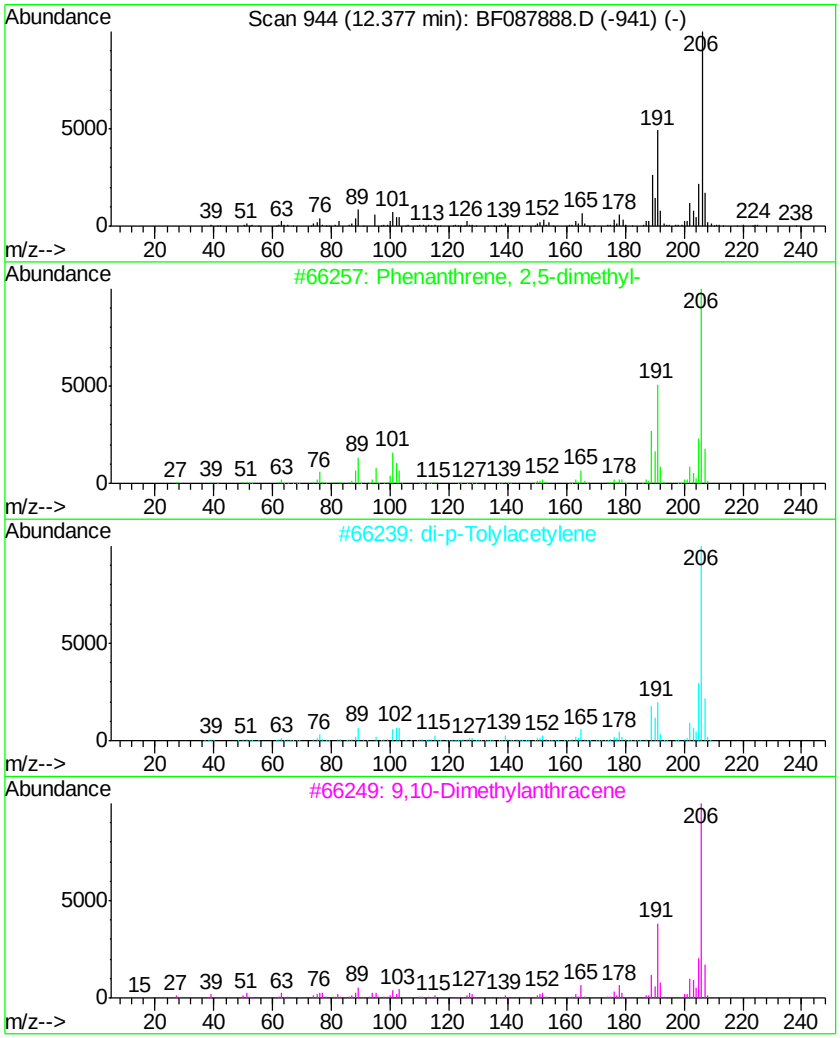
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

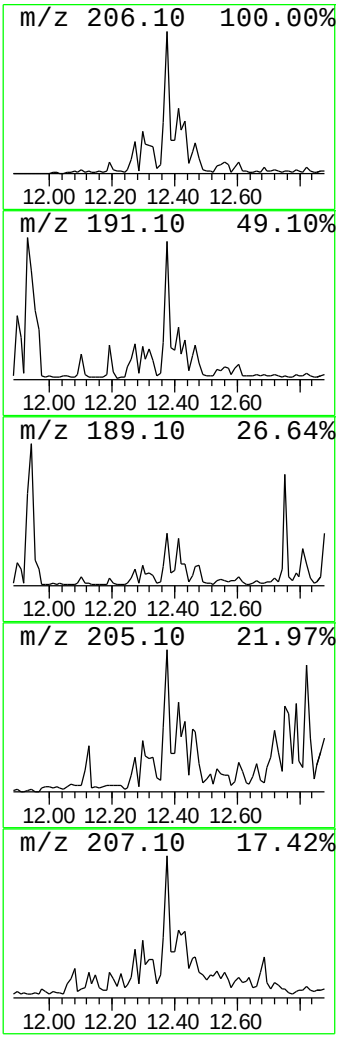
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	15.90 ng	613634	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

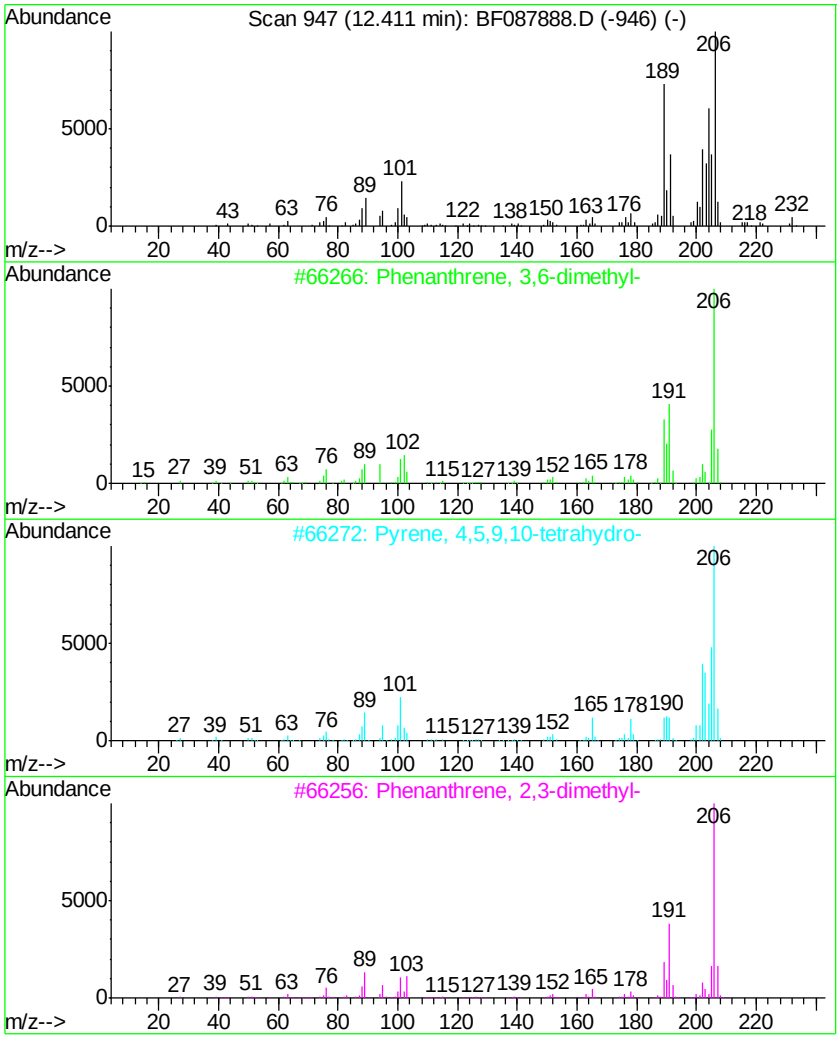
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

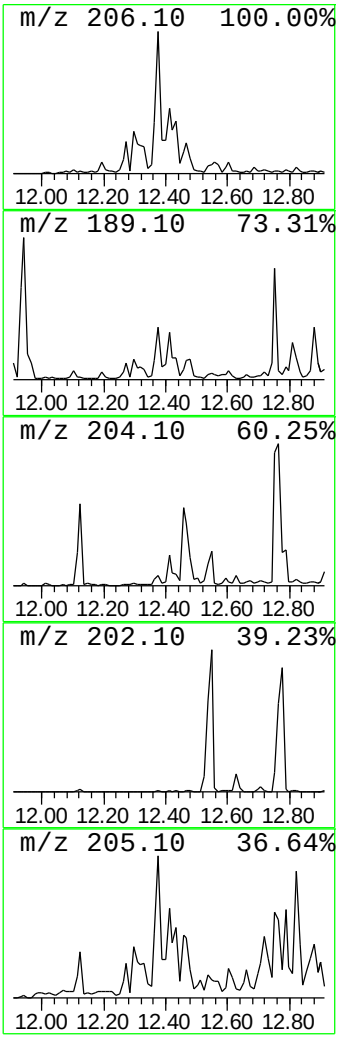
****

Peak Number 8 unknown12.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	11.51 ng	444212	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	42
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

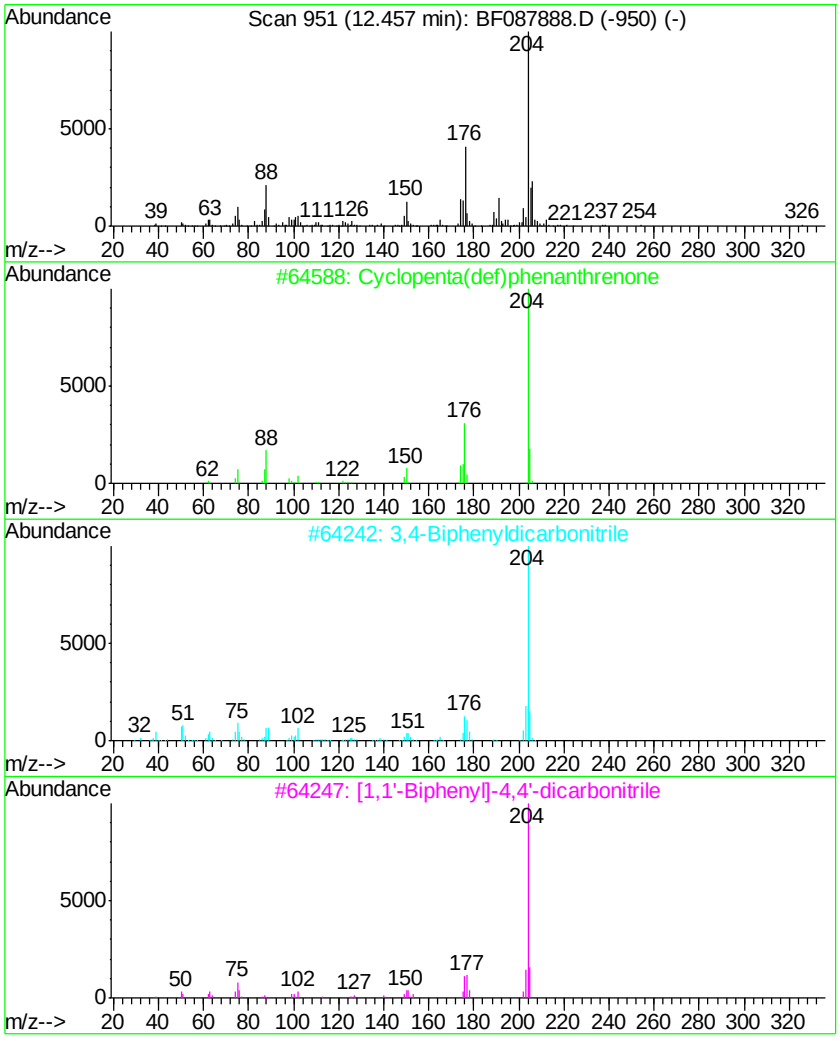
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

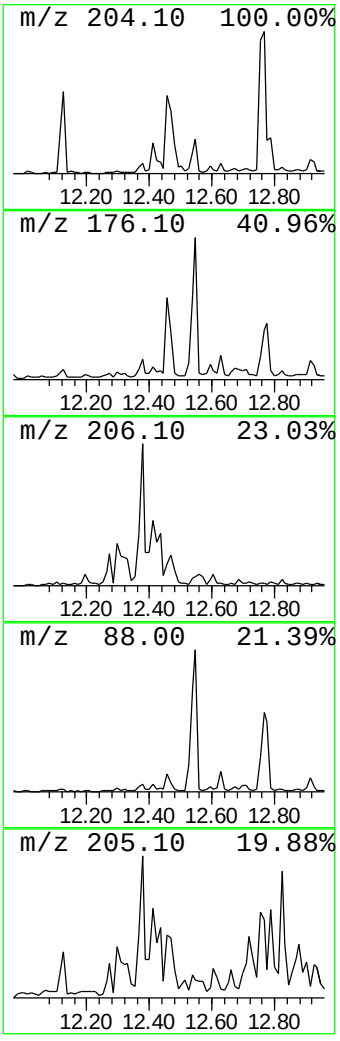
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	11.63 ng	449060	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

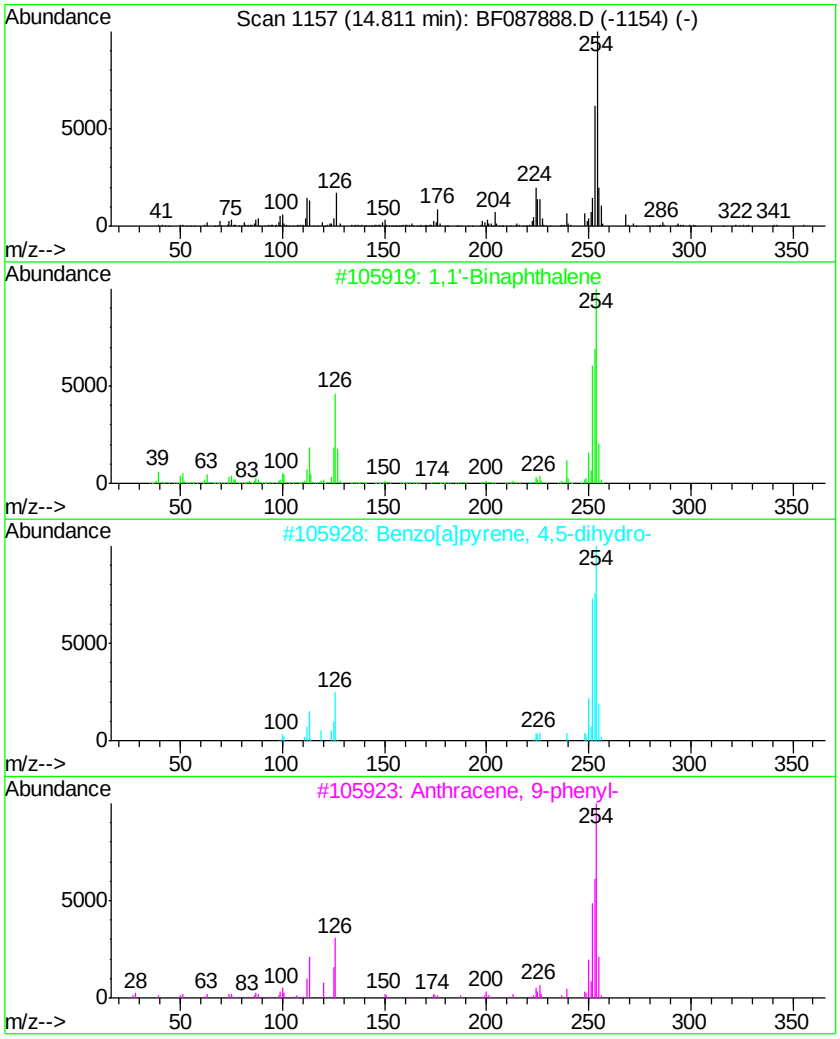
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

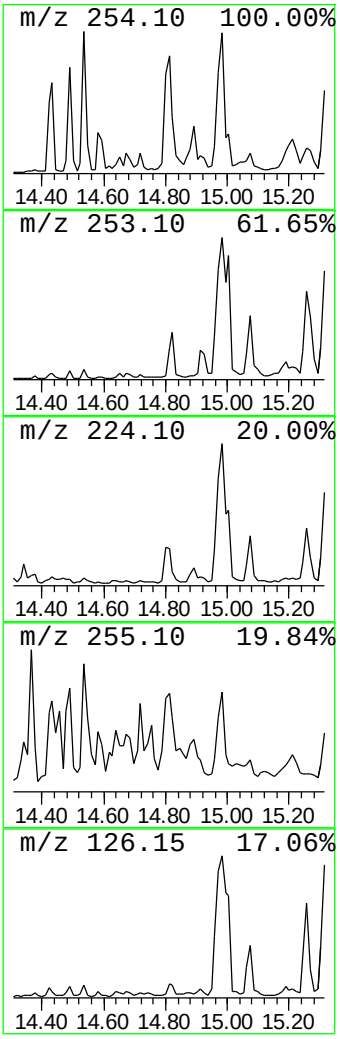
****

Peak Number 11 1,1'-Binaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	19.06 ng	517948	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	68
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
4	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	64
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

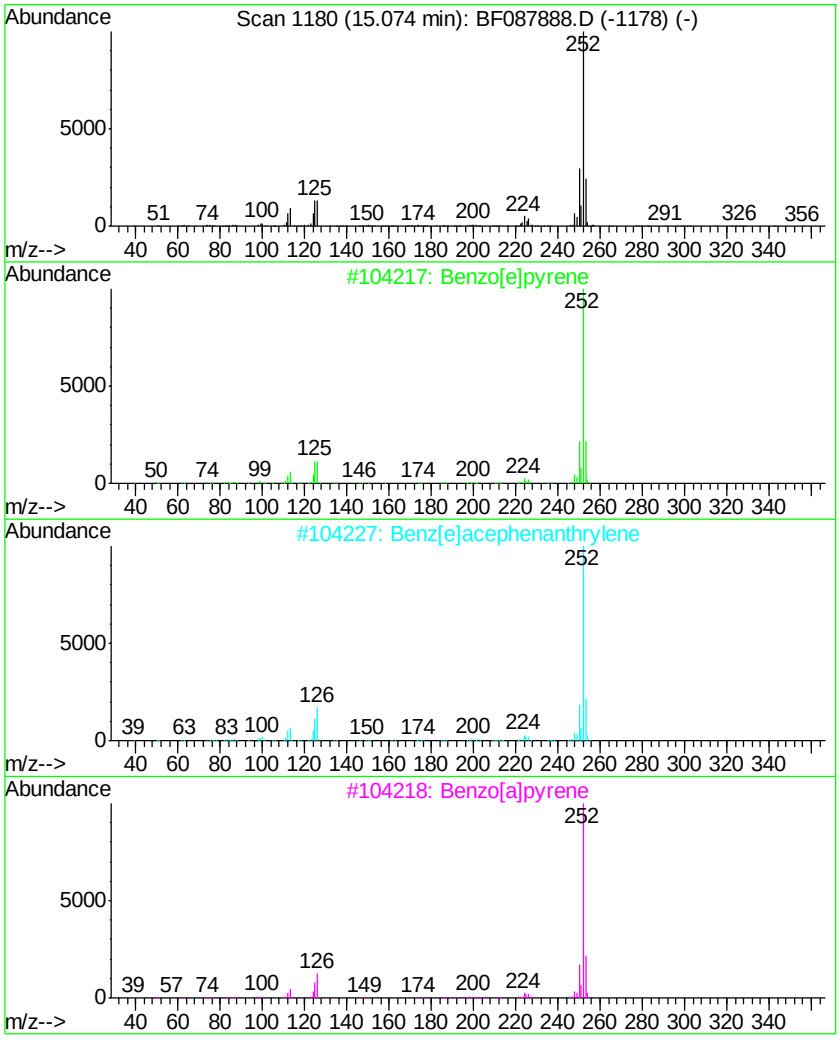
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

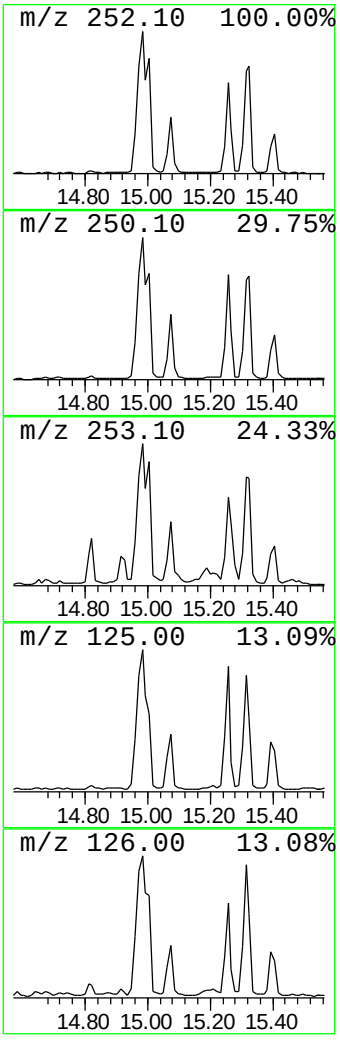
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	24.19 ng	657286	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

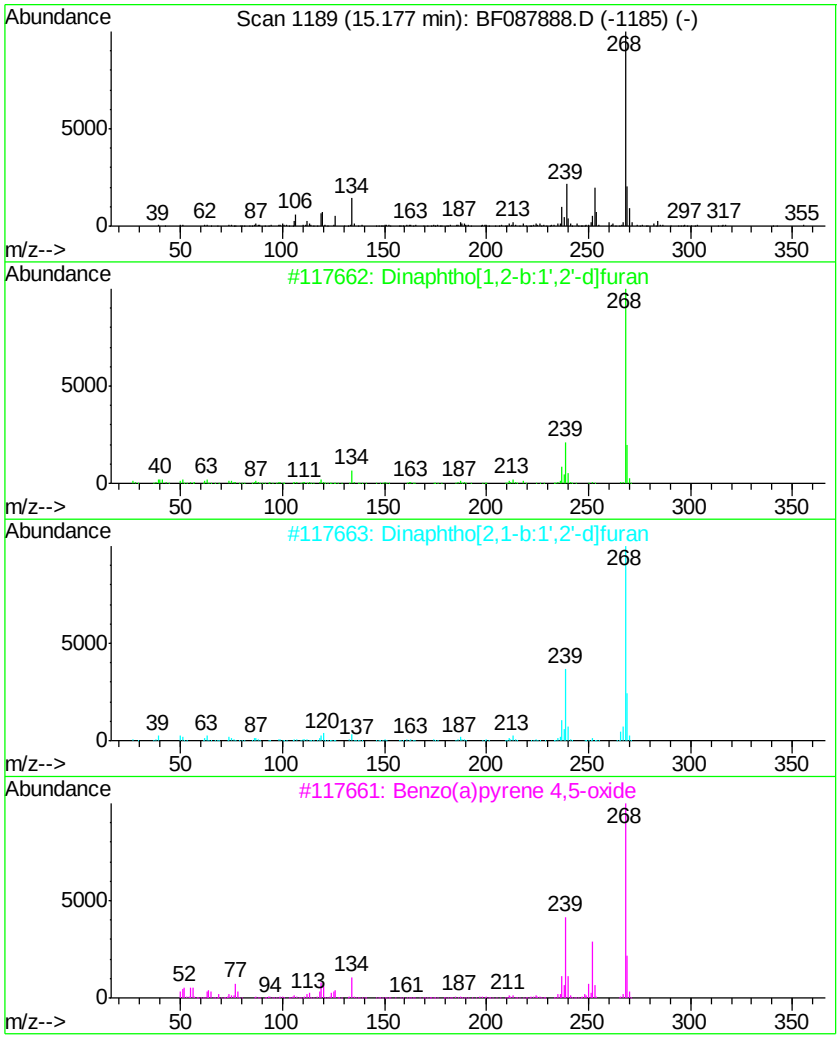
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

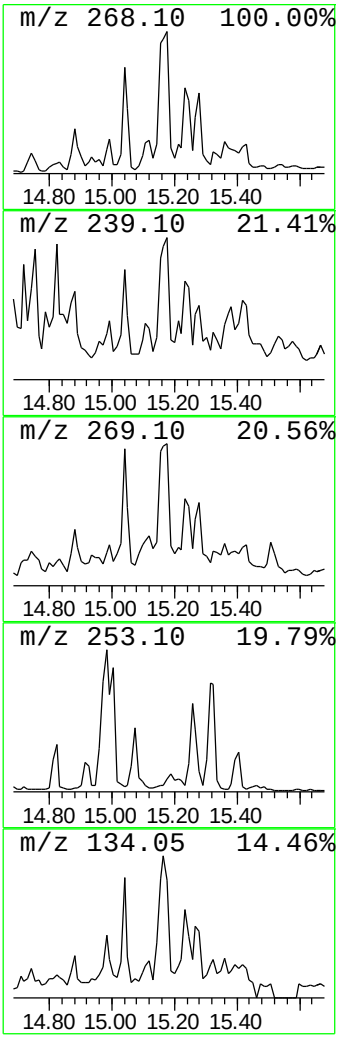
****

Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	12.18 ng	330853	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	96
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
4	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	72
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

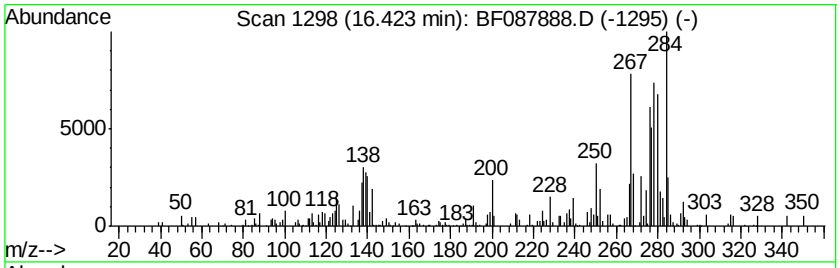
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

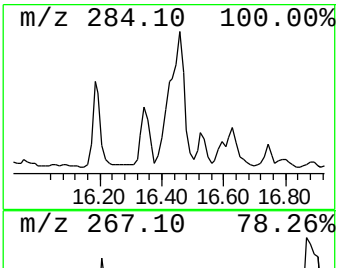
****

Peak Number 15 unknown16.42 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	11.91 ng	323582	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4-[dichloromethyl]-6-[t...	312	C6H2Cl6N2	1000254-14-7	22
2	1,12-Dicarbadodecarboran-2-amine...	277	C10H17B10NO	1000362-08-2	15
3	Dinaphtho(1,2-b:2',1'-d)thiophene	284	C20H12S	000239-72-5	11
4	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	11
5	2-(9-Acridinyl)-4-methylbenzenea...	284	C20H16N2	035586-77-7	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

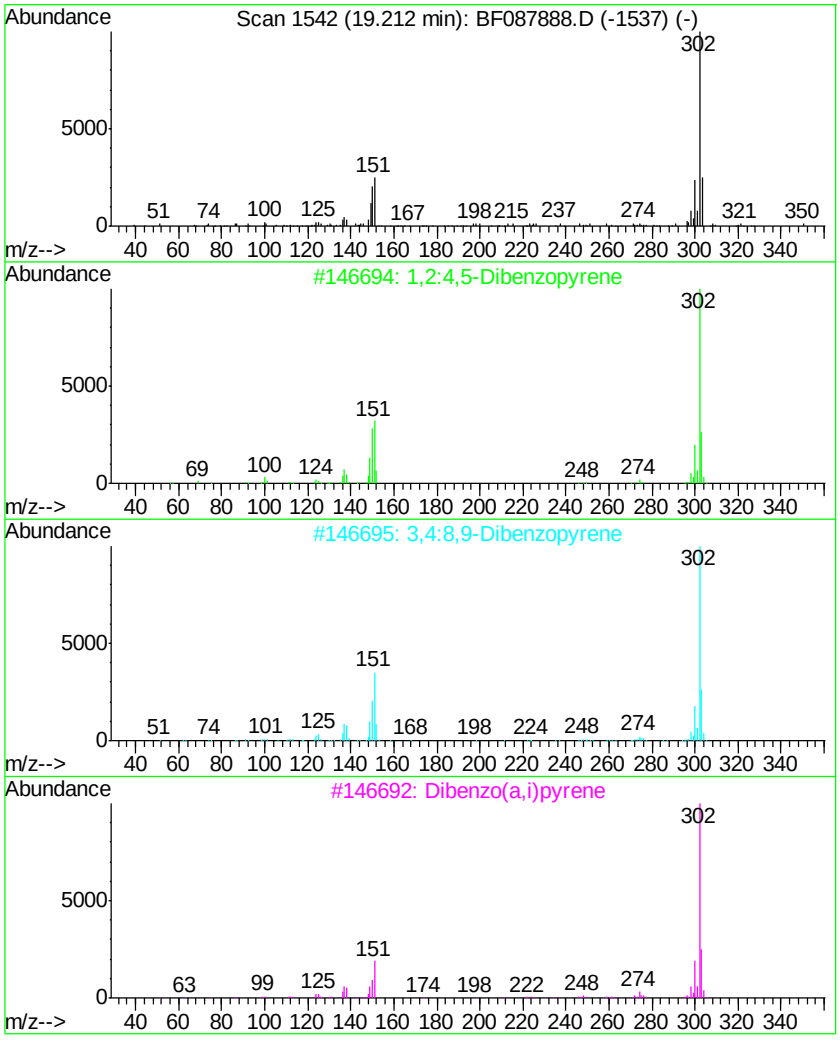
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

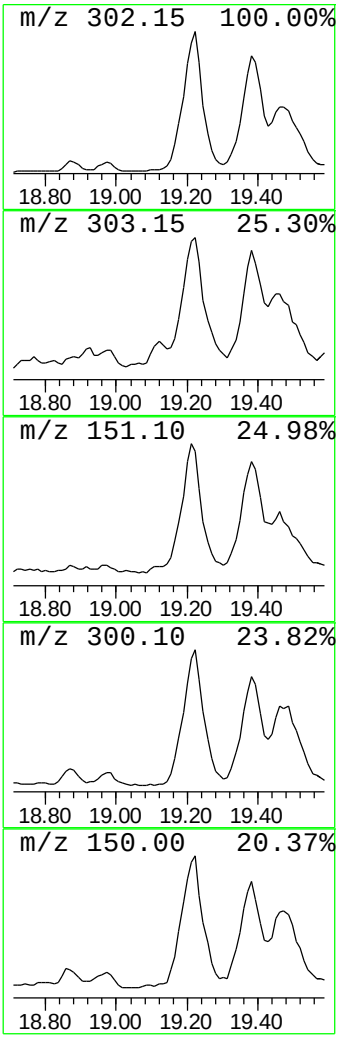
****

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	16.44 ng	446587	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	80
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

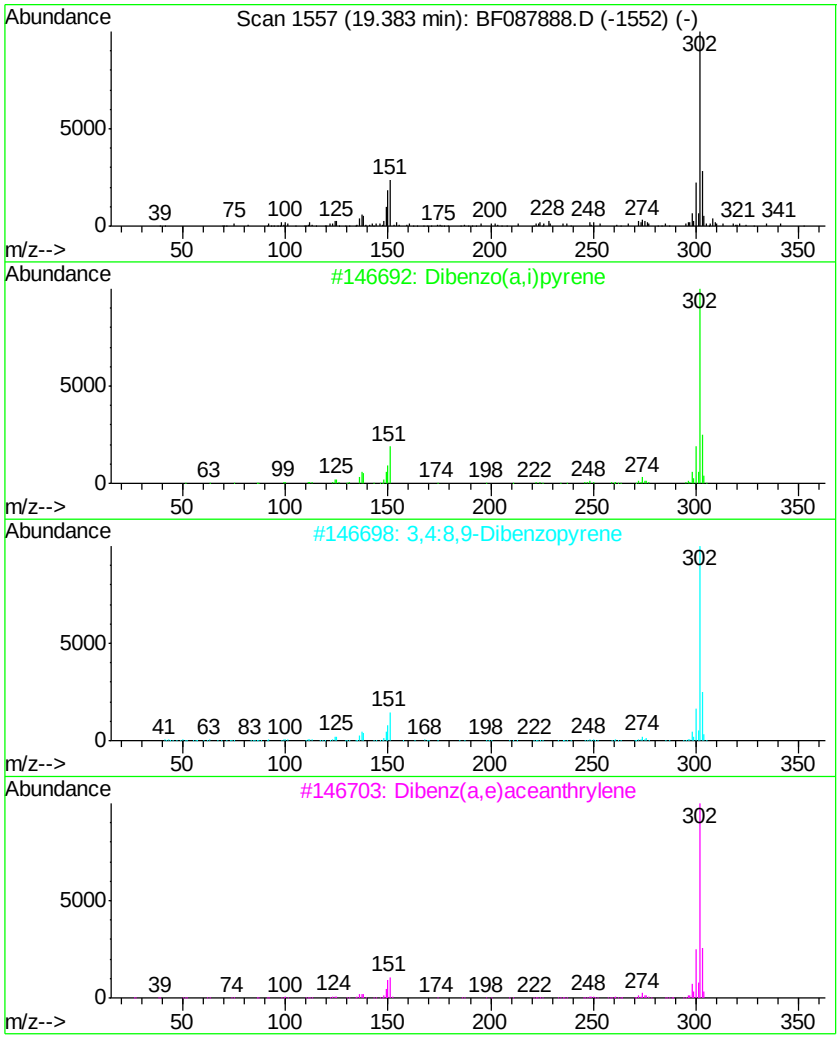
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

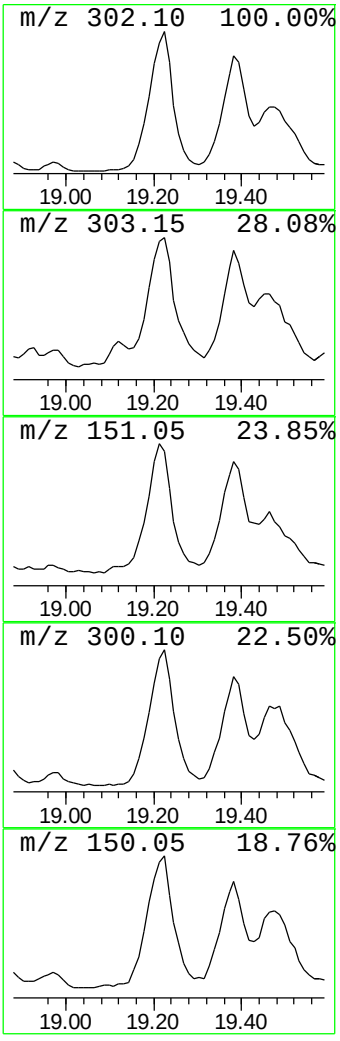
****

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	10.40 ng	282549	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	99
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087888.D
Acq On : 10 Jun 2016 21:46
Operator : UM/SJ
Sample : H3395-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-953-PLATFORM(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.66	195.7	ng	5994900	1	6.81	612715	20.0
unknown6.58	6.58	69.9	ng	2142100	1	6.81	612715	20.0
4H-Cyclopenta[def...	11.94	22.4	ng	863173	4	11.32	771941	20.0
Phenanthrene, 2,5...	12.38	15.9	ng	613634	4	11.32	771941	20.0
unknown12.41	12.41	11.5	ng	444212	4	11.32	771941	20.0
Cyclopenta(def)ph...	12.46	11.6	ng	449060	4	11.32	771941	20.0
1,1'-Binaphthalene	14.81	19.1	ng	517948	6	15.37	543424	20.0
Benzo[e]pyrene	15.07	24.2	ng	657286	6	15.37	543424	20.0
Dinaphtho[1,2-b:1...	15.18	12.2	ng	330853	6	15.37	543424	20.0
unknown16.42	16.42	11.9	ng	323582	6	15.37	543424	20.0
1,2:4,5-Dibenzopy...	19.21	16.4	ng	446587	6	15.37	543424	20.0
Dibenzo(a,i)pyrene	19.38	10.4	ng	282549	6	15.37	543424	20.0