LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081837.D
Acq On : 26 Sep 2015 19:57
Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

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-BF092415.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	2.228	6	8	25	rVB2	79570	248671	3.99%	0.284%
2	5.143	259	263	265	rBV	1143376	1673248	26.82%	1.914%
3	5.543	295	298	300	rVB	2654246	2887909	46.30%	3.303%
4	6.560	384	387	390	rVB	2173202	2724033	43.67%	3.116%
5	6.709	397	400	402	rVB	2676837	3031831	48.60%	3.468%
6	6.937	418	420	423	rVB	799454	666499	10.68%	0.762%
7	7.097	431	434	436	rVB	2684547	2493156	39.97%	2.852%
8	7.509	467	470	471	rBV	2000810	2187270	35.06%	2.502%
9	8.252	530	535	537	rVB2	843569	1758331	28.19%	2.011%
10	8.937	593	595	597	rBV	384663	304262	4.88%	0.348%
11	9.040	601	604	606	rVB	189055	187041	3.00%	0.214%
12	9.303	624	627	629	rBV	3489805	3045350	48.82%	3.483%
13	9.635	654	656	658	rBV	128661	159391	2.56%	0.182%
14	9.692	660	661	664	rVB	595179	620686	9.95%	0.710%
15	9.840	672	674	676	rVB	183455	148064	2.37%	0.169%
16	9.978	684	686	688	rVV	791741	900322	14.43%	1.030%
17	10.012	688	689	691	rVB	975037	782880	12.55%	0.896%
18	10.183	702	704	706	rVV	721794	636478	10.20%	0.728%
19	10.400	720	723	725	rBV2	289571	414936	6.65%	0.475%
20	10.526	732	734	737	rVB	830275	740054	11.86%	0.847%
21	10.618	741	742	745	rVV3	122440	158023	2.53%	0.181%
22	10.686	745	748	750	rVV2	202852	242845	3.89%	0.278%
23	10.766	753	755	758	rVV2	1584976	1886270	30.24%	2.158%
24	10.880	763	765	769	rVB2	143780	212357	3.40%	0.243%
25	11.075	779	782	783	rBV2	134084	192147	3.08%	0.220%
26	11.269	797	799	801	rVB	424770	434579	6.97%	0.497%
27	11.326	801	804	806	rBV2	177237	240417	3.85%	0.275%
28	11.361	806	807	810	rVB	347355	381570	6.12%	0.436%
29	11.498	814	819	821	rBV2	3711783	6238054	100.00%	7.135%
30	11.543	821	823	825	rVV	1153076	1489102	23.87%	1.703%
31	11.578	825	826	829	rVB	215310	181849	2.92%	0.208%
32	11.635	829	831	833	rBV3	109852	140937	2.26%	0.161%
33	11.703	833	837	839	rBV	1046342	1161200	18.61%	1.328%
34	11.761	839	842	844	rVV4	108506	151391	2.43%	0.173%

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Misc :
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Instrument : BNA_F
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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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.966	858	860	861	rBV	401806	423806	6.79%	0.485%
36	12.001	861	863	865	rVB	722914	654838	10.50%	0.749%
37	12.046	865	867	868	rBV	251829	224889	3.61%	0.257%
38	12.081	868	870	874	rVB2	705433	1036291	16.61%	1.185%
39	12.172	874	878	879	rBV2	119321	208913	3.35%	0.239%
40	12.263	885	886	887	rBV	342684	318768	5.11%	0.365%
41	12.515	906	908	910	rBV	138217	197484	3.17%	0.226%
42	12.606	914	916	919	rVB	296345	307172	4.92%	0.351%
43	12.698	920	924	926	rBV	4032892	5352298	85.80%	6.122%
44	12.744	926	928	930	rVB2	120468	140684	2.26%	0.161%
45	12.835	932	936	938	rBV2	227598	349259	5.60%	0.400%
46	12.926	940	944	946	rBV	3287589	5238451	83.98%	5.992%
47	12.961	946	947	950	rVB	219795	195173	3.13%	0.223%
48	13.029	951	953	954	rBV	291309	335409	5.38%	0.384%
49	13.052	954	955	959	rVB2	1582389	2252169	36.10%	2.576%
50	13.132	959	962	963	rBV2	250200	418289	6.71%	0.478%
51	13.166	963	965	966	rVB	179188	174814	2.80%	0.200%
52	13.235	966	971	973	rVB2	321705	701998	11.25%	0.803%
53	13.304	976	977	979	rVV	312242	309199	4.96%	0.354%
54	13.338	979	980	982	rVV2	285054	387876	6.22%	0.444%
55	13.464	990	991	996	rVV2	152838	225708	3.62%	0.258%
56	13.635	1003	1006	1012	rBV6	90858	336188	5.39%	0.385%
57	13.749	1013	1016	1018	rVB	413516	492327	7.89%	0.563%
58	13.864	1023	1026	1027	rBV2	361531	556160	8.92%	0.636%
59	13.887	1027	1028	1029	rVV	373369	341586	5.48%	0.391%
60	13.909	1029	1030	1032	rVV2	351287	535103	8.58%	0.612%
61	13.955	1032	1034	1037	rVB2	584843	736483	11.81%	0.842%
62	14.024	1037	1040	1043	rBV	97292	175291	2.81%	0.201%
63	14.104	1043	1047	1049	rVV	2165372	3920397	62.85%	4.484%
64	14.138	1049	1050	1053	rVV	1415451	2051316	32.88%	2.346%
65	14.218	1056	1057	1059	rVV	457120	428466	6.87%	0.490%
66	14.252	1059	1060	1063	rVV2	132637	292723	4.69%	0.335%
67	14.298	1063	1064	1065	rVV	215739	230778	3.70%	0.264%
68	14.344	1065	1068	1069	rVV2	270247	508802	8.16%	0.582%
69	14.458	1073	1078	1079	rVV2	127440	309192	4.96%	0.354%
70	14.492	1079	1081	1083	rVV	309871	494057	7.92%	0.565%
71	14.527	1083	1084	1086	rVV	175969	229945	3.69%	0.263%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : S2-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.584	1086	1089	1091	rVV4	167865	357835	5.74%	0.409%
73	14.618	1091	1092	1093	rVV	193864	217603	3.49%	0.249%
74	14.698	1096	1099	1101	rVB4	115576	222212	3.56%	0.254%
75	14.801	1106	1108	1110	rVV2	150585	238488	3.82%	0.273%
76	14.995	1121	1125	1129	rVB2	161425	381706	6.12%	0.437%
77	15.064	1129	1131	1133	rBV	117189	177508	2.85%	0.203%
78	15.167	1136	1140	1144	rBV	1832380	4177921	66.97%	4.779%
79	15.258	1147	1148	1150	rVV	253819	337279	5.41%	0.386%
80	15.372	1154	1158	1160	rBV4	106997	317523	5.09%	0.363%
81	15.418	1160	1162	1163	rVV	101862	146993	2.36%	0.168%
82	15.464	1163	1166	1169	rVB	1040146	1542210	24.72%	1.764%
83	15.532	1169	1172	1174	rBV	1544494	1928841	30.92%	2.206%
84	15.590	1174	1177	1178	rBV	527767	693786	11.12%	0.794%
85	15.624	1178	1180	1183	rVB	553766	749209	12.01%	0.857%
86	16.287	1236	1238	1246	rVB2	67898	143078	2.29%	0.164%
87	16.721	1273	1276	1284	rVB4	102404	302023	4.84%	0.345%
88	16.893	1284	1291	1298	rBV3	151154	585302	9.38%	0.670%
89	17.053	1302	1305	1310	rVB2	650711	1418792	22.74%	1.623%
90	17.133	1310	1312	1316	rVB2	69659	144254	2.31%	0.165%
91	17.235	1316	1321	1323	rBV2	180358	417569	6.69%	0.478%
92	17.293	1323	1326	1328	rBV2	94590	176883	2.84%	0.202%
93	17.510	1340	1345	1351	rVV	500546	1175526	18.84%	1.345%
94	17.635	1353	1356	1361	rVV4	46914	152241	2.44%	0.174%
95	17.727	1361	1364	1371	rVB2	127227	311960	5.00%	0.357%
96	18.676	1441	1447	1454	rVB6	29994	137469	2.20%	0.157%
97	18.973	1469	1473	1481	rVB4	47694	164063	2.63%	0.188%
98	19.750	1533	1541	1550	rVB2	102111	460958	7.39%	0.527%
99	19.933	1550	1557	1561	rBV	87732	365408	5.86%	0.418%
100	20.870	1633	1639	1641	rBV	45922	165168	2.65%	0.189%

Sum of corrected areas: 87423263

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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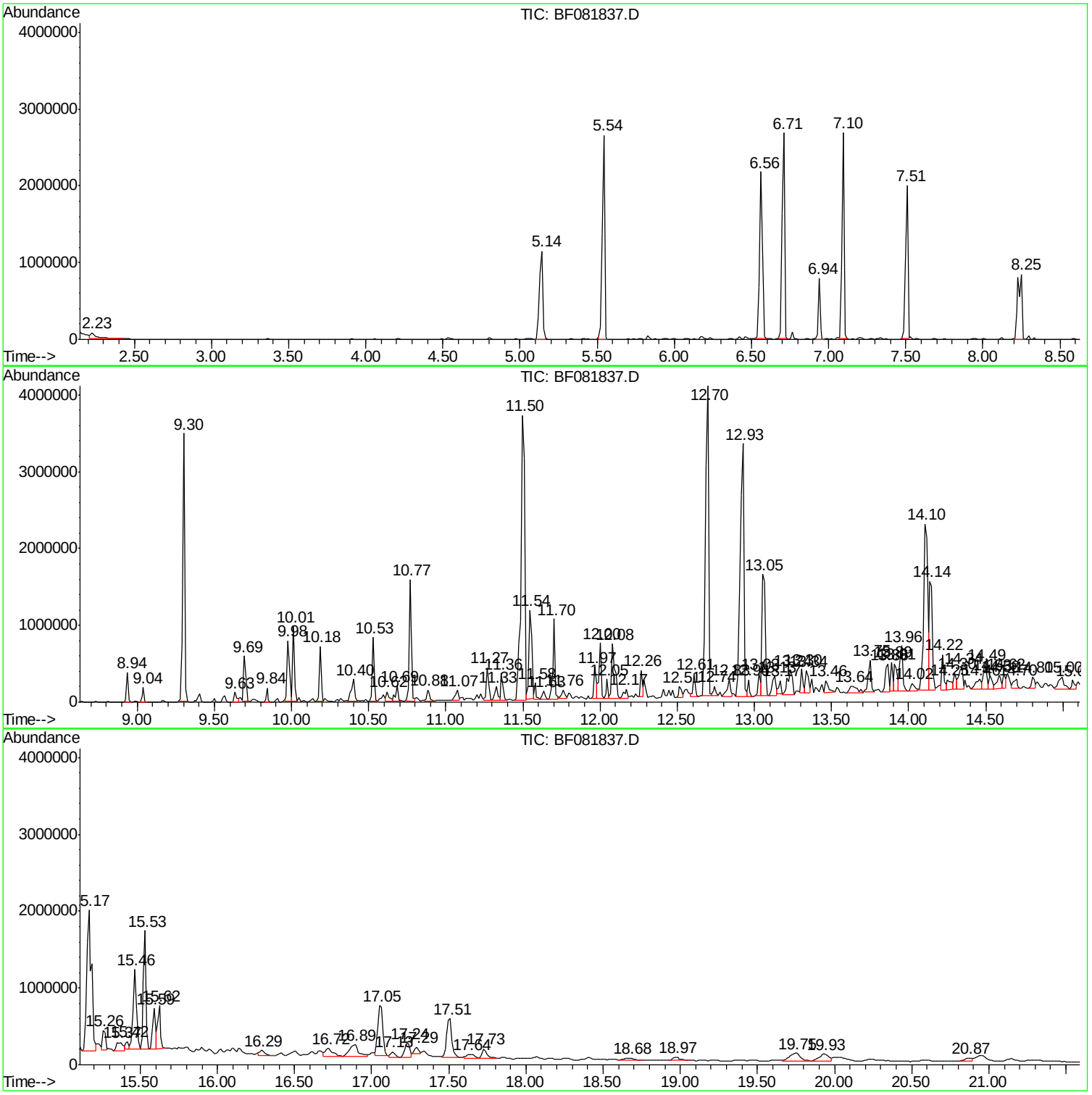
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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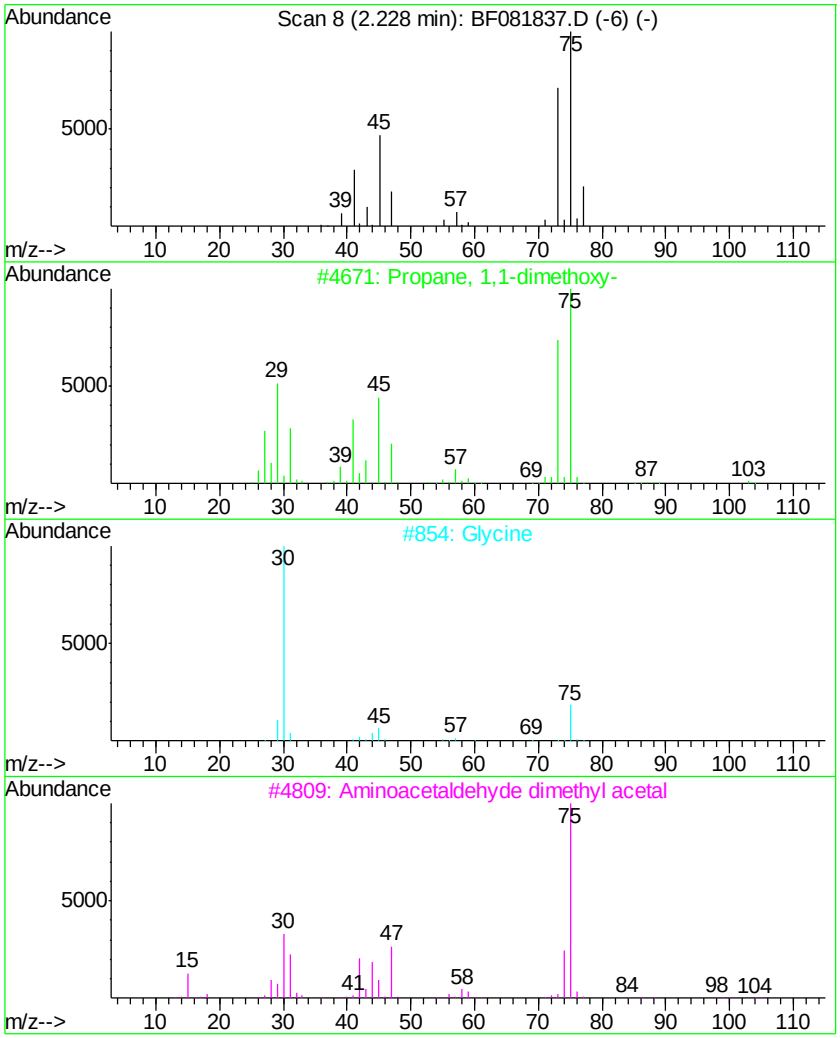
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

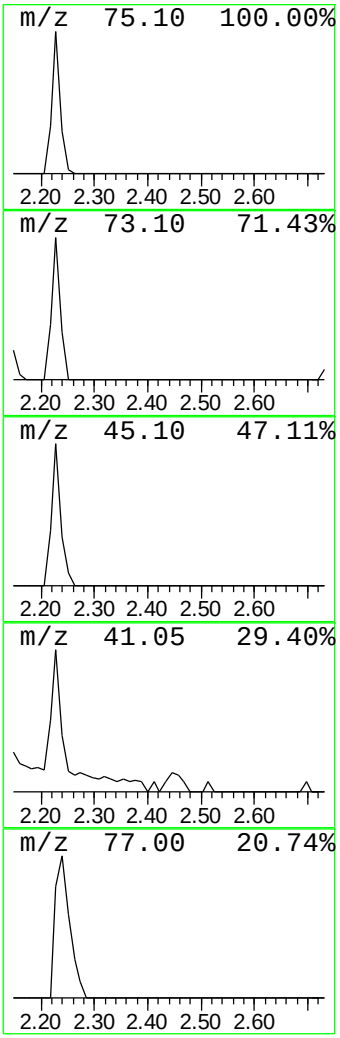
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	7.46 ng	248671	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	72
2	Glycine	75	C2H5NO2	000056-40-6	9
3	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	4
5	Ethanethioamide	75	C2H5NS	000062-55-5	4





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Sample : G3779-03
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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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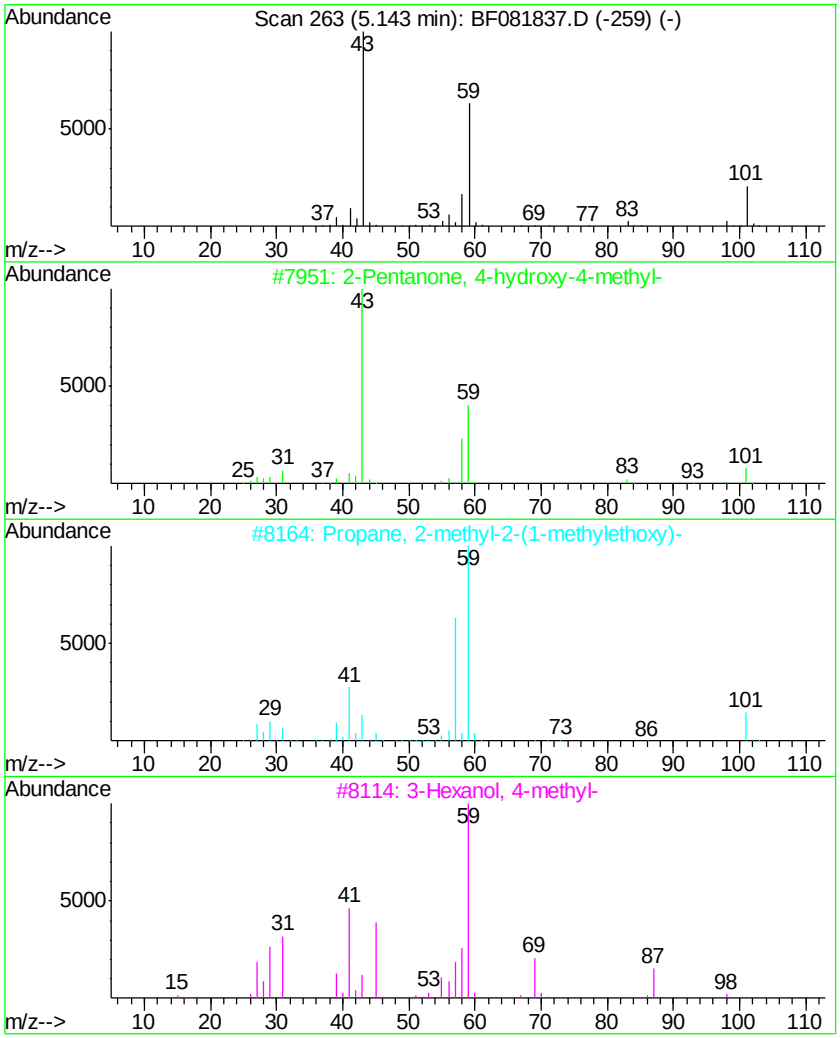
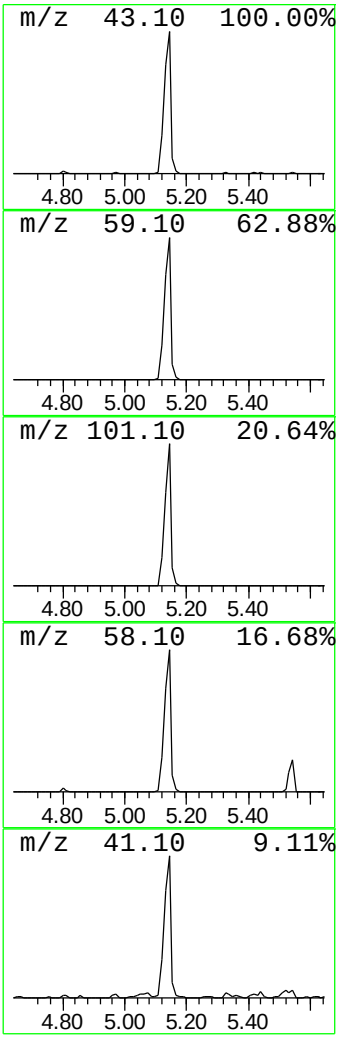
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	50.21 ng	1673250	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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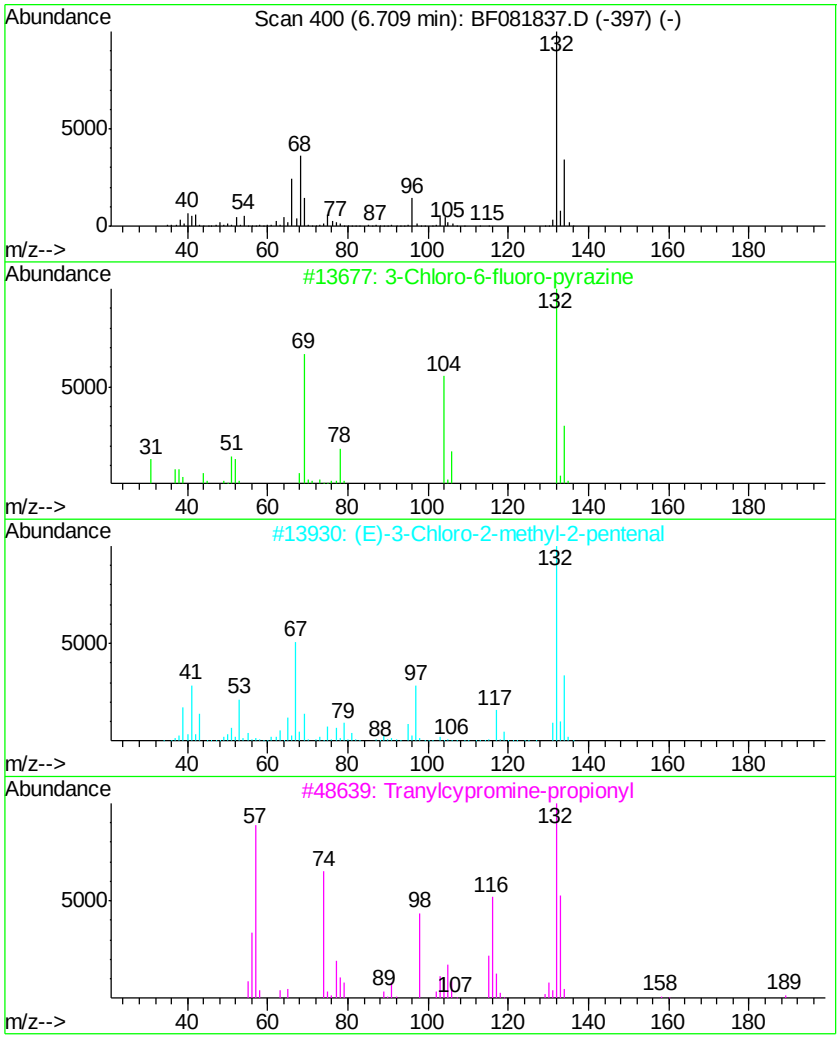
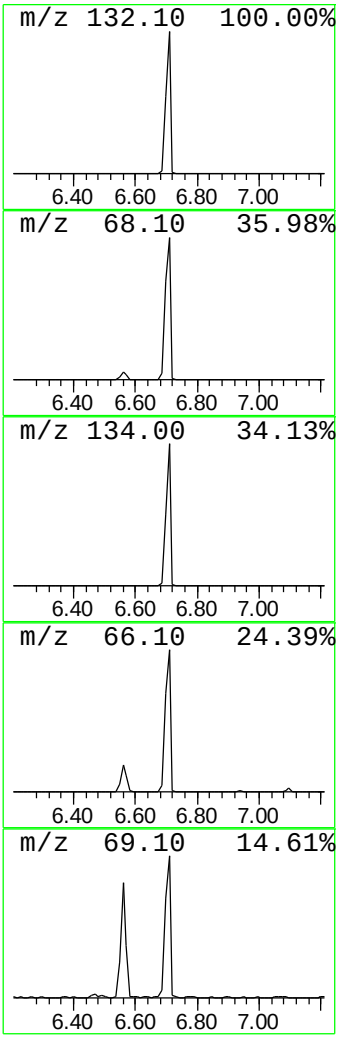
Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	90.98 ng	3031830	1,4-Dichlorobenzene-d4	6.94

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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ClientSampleId : S2-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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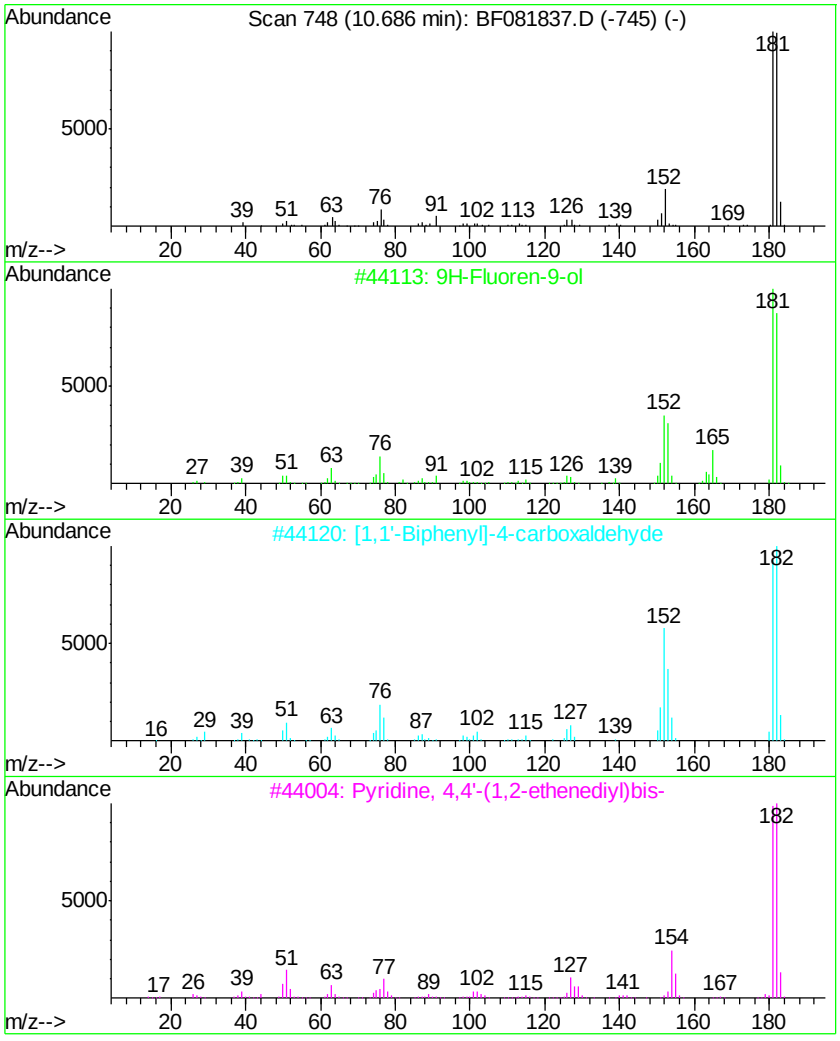
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

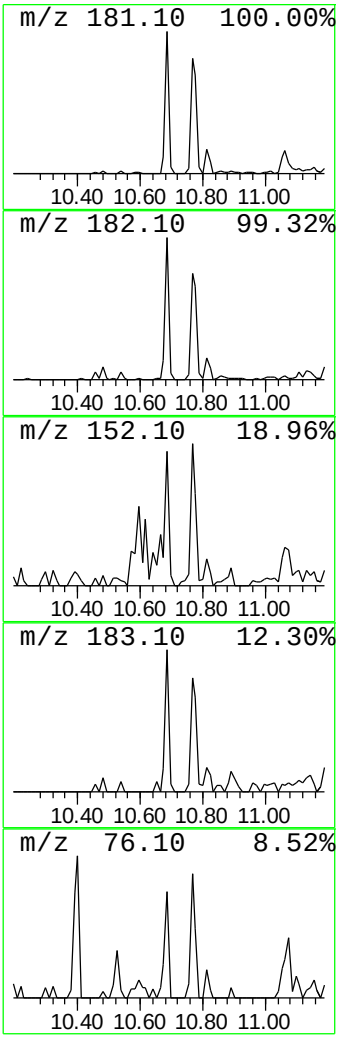
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.39 ng	242845	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64





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Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

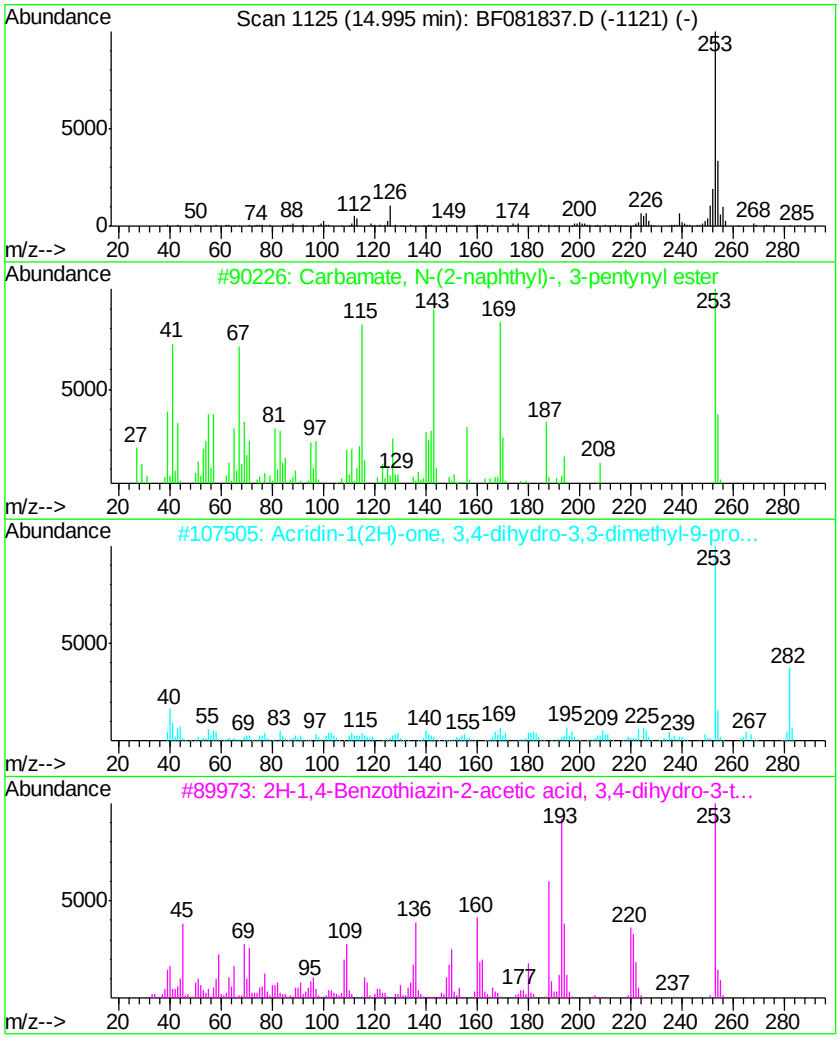
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

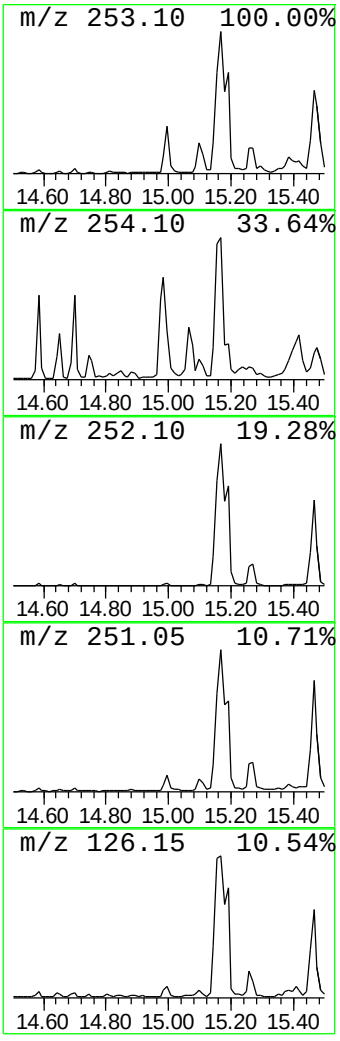
****

Peak Number 6 unknown15.00 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	11.00 ng	381706	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	47
2	Acridin-1(2H)-one, 3,4-dihydro-3...	282	C18H22N2O	146352-02-5	43
3	2H-1,4-Benzothiazin-2-acetic aci...	253	C11H11NO2S2	002832-88-4	43
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	38
5	Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	38





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Acq On : 26 Sep 2015 19:57
Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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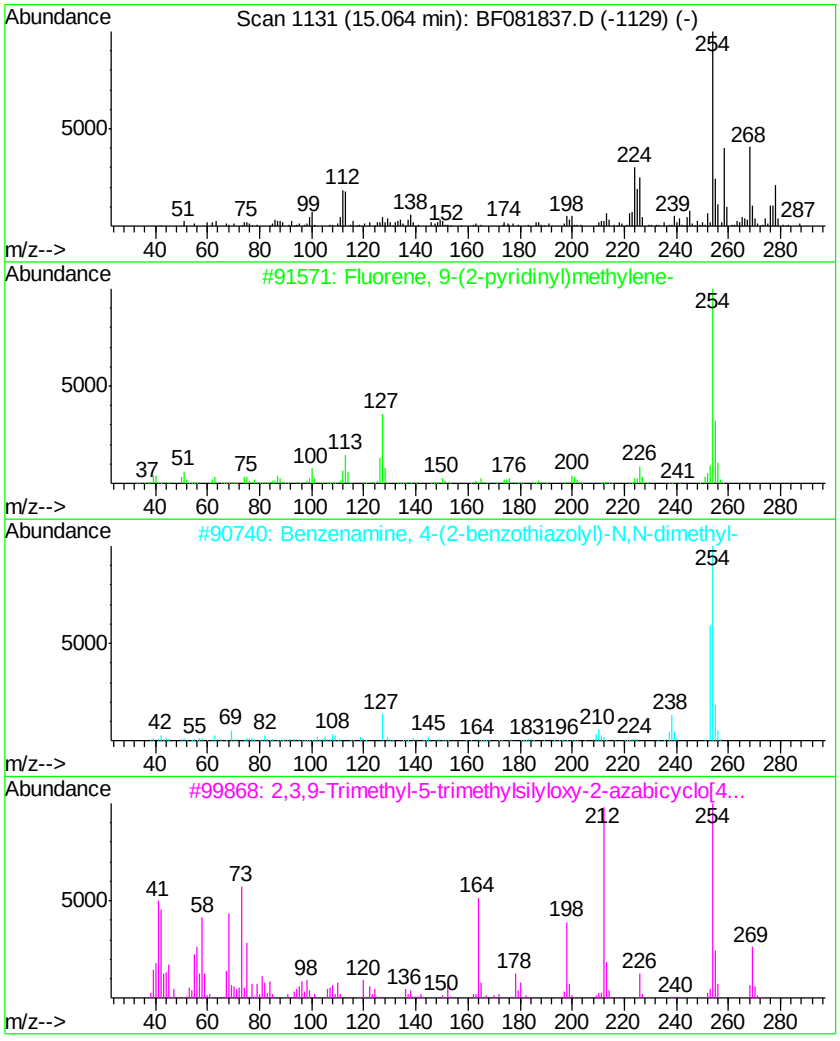
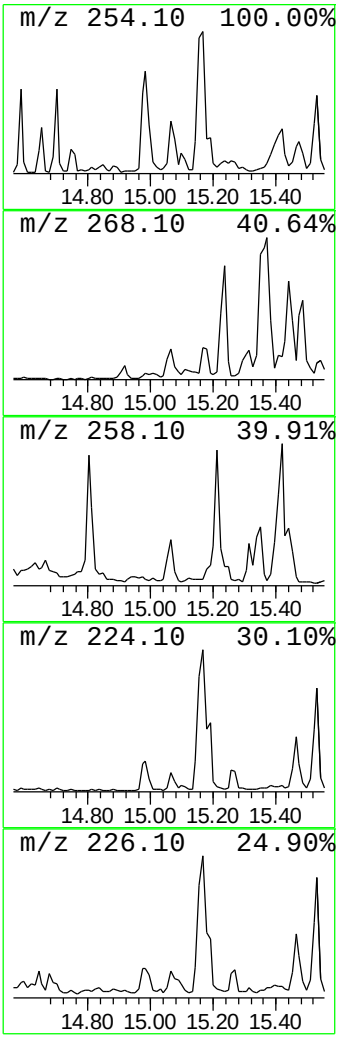
Peak Number 7 unknown15.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.12 ng	177508	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	38
2	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	30
3	2,3,9-Trimethyl-5-trimethylsilyl...	269	C15H31NOSi	1000216-64-6	30
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	27
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	25





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Sample : G3779-03
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Instrument : BNA_F
ClientSampleId : S2-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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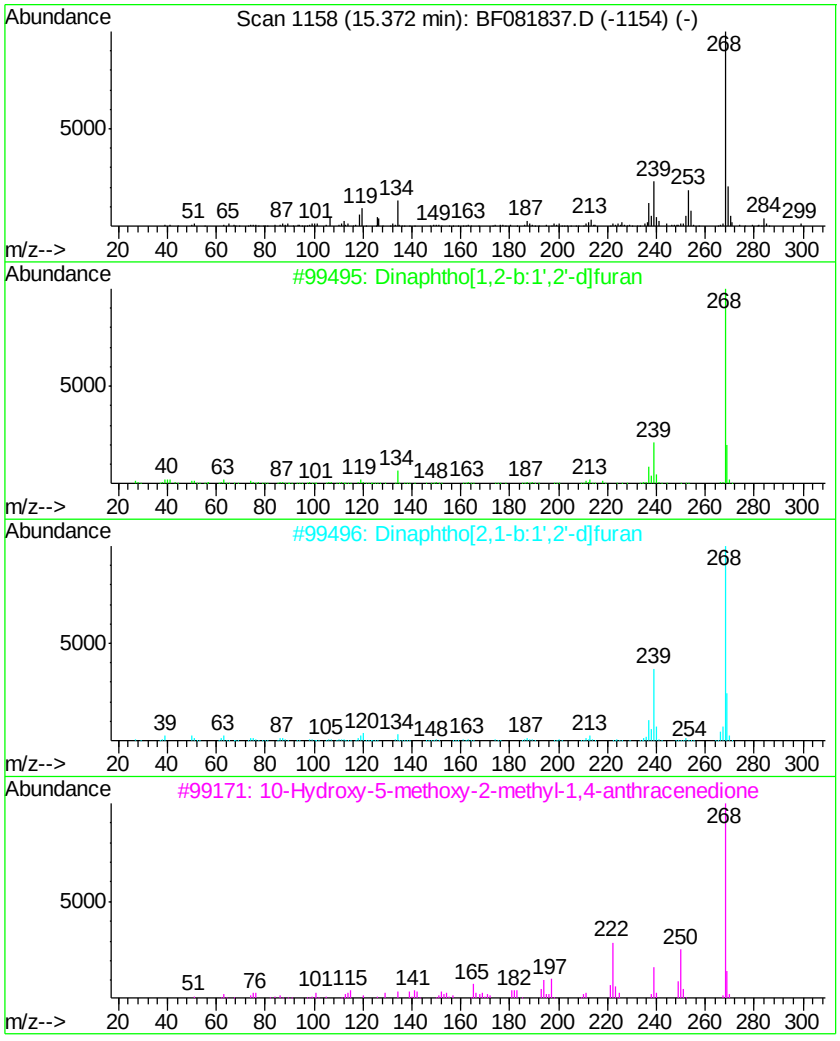
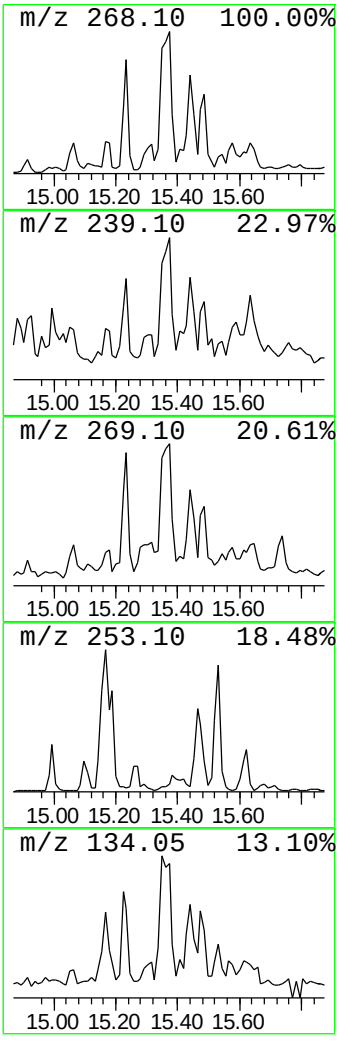
Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	9.15 ng	317523	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
3	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
5	Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	59





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Instrument : BNA_F
ClientSampleId : S2-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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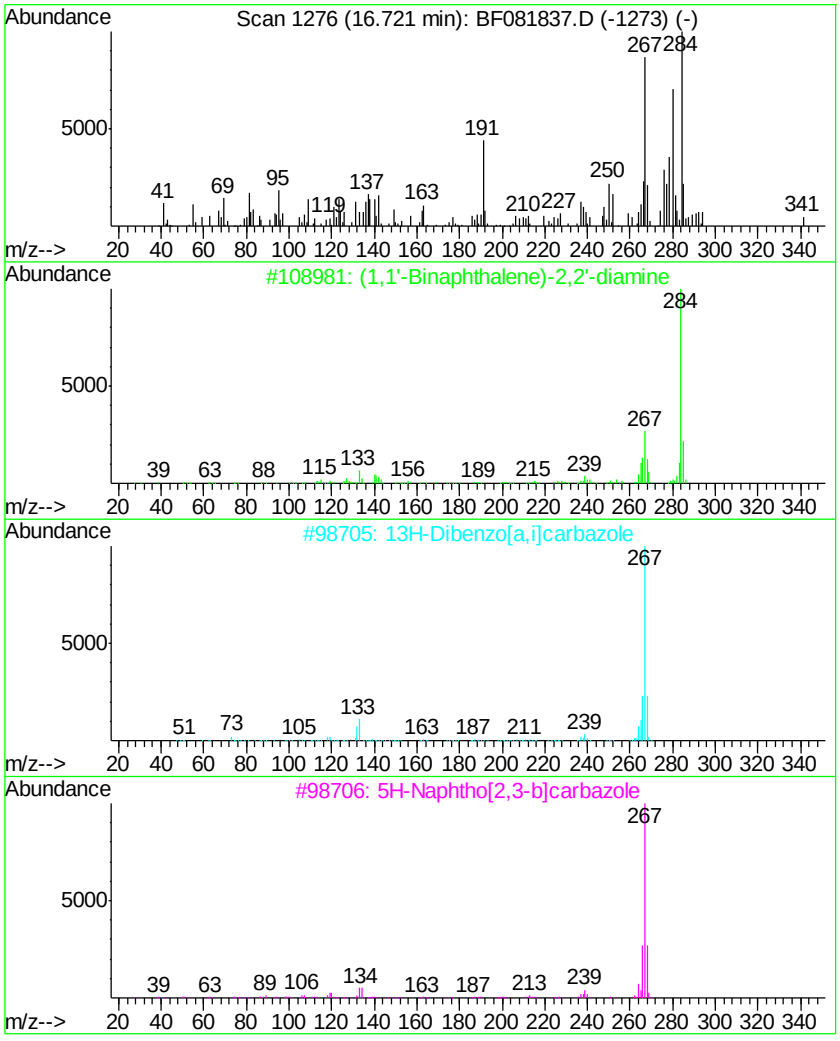
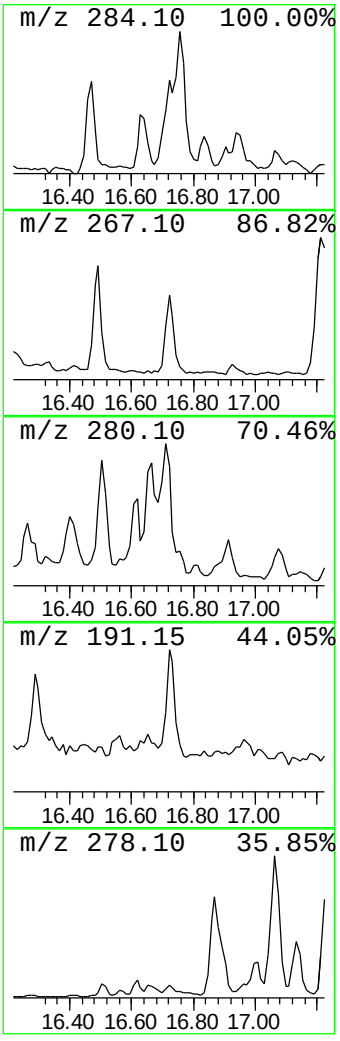
Peak Number 11 unknown16.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	8.71 ng	302023	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Binaphthalene)-2,2'-diamine	284	C20H16N2	004488-22-6	25
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	20
3	5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	20
4	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	18
5	5-(p-Aminophenyl)-4-phenyl-2-thi...	267	C15H13N3S	092555-59-4	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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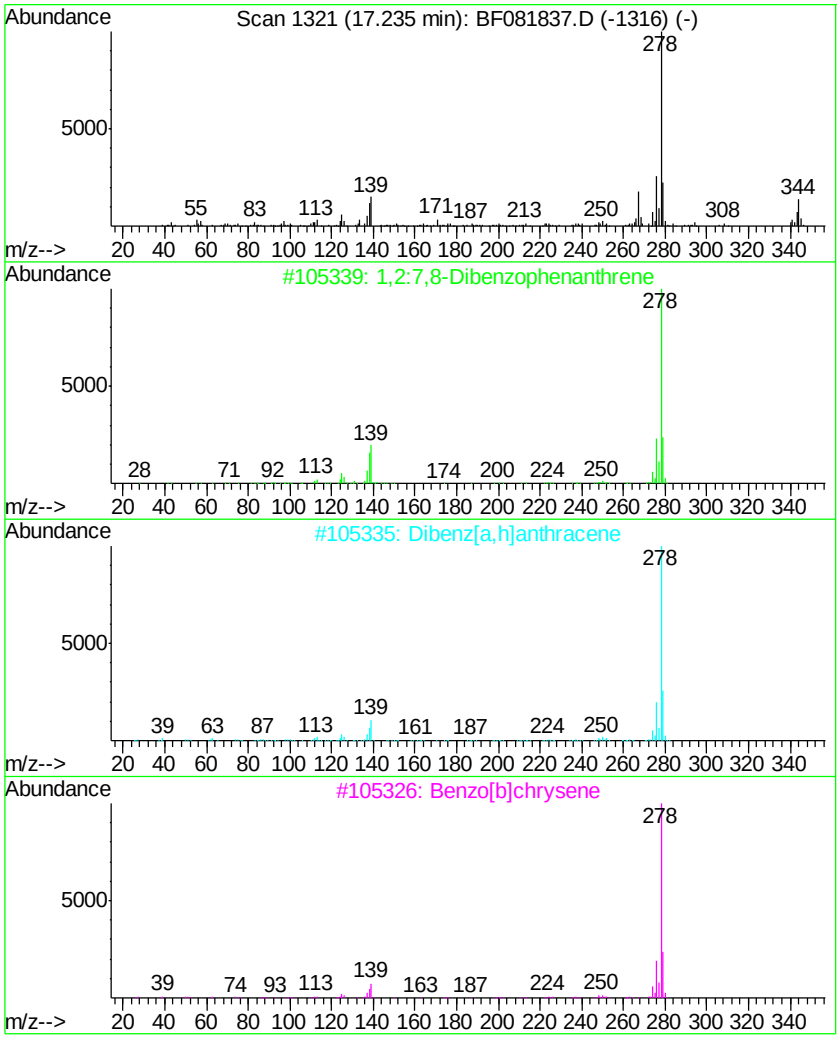
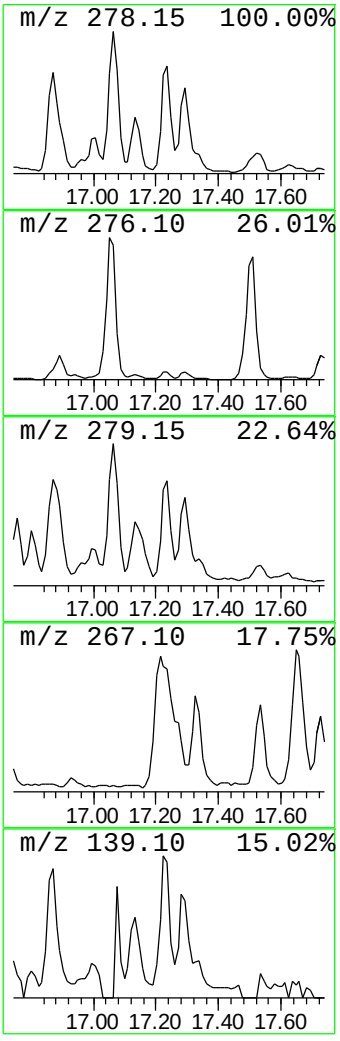
Peak Number 13 1,2:7,8-Dibenzophenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	12.04 ng	417569	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3	Benzo[b]chrysene	278	C22H14	000214-17-5	96
4	Pentaphene	278	C22H14	000222-93-5	96
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96





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Acq On : 26 Sep 2015 19:57
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Sample : G3779-03
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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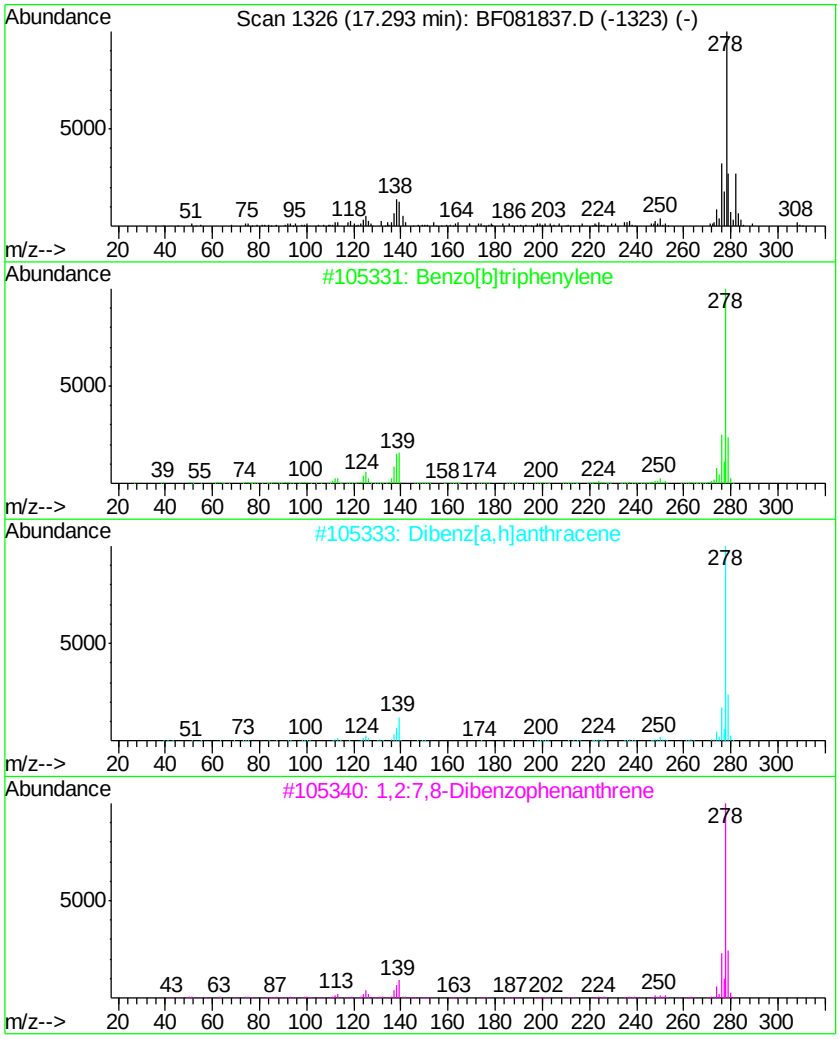
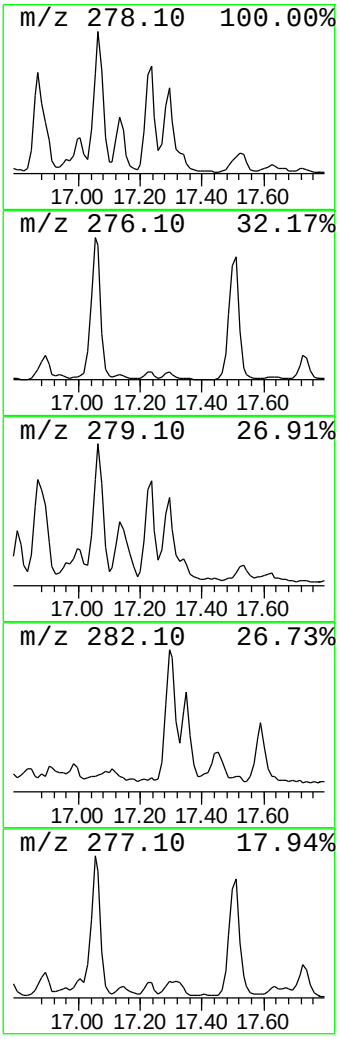
Peak Number 14 Benzo[b]triphenylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	5.10 ng	176883	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
4	Pentaphene	278	C22H14	000222-93-5	92
5	Benzo[b]chrysene	278	C22H14	000214-17-5	83





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Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 unknown17.64 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	4.39 ng	152241	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	46
2	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	41
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	41
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38
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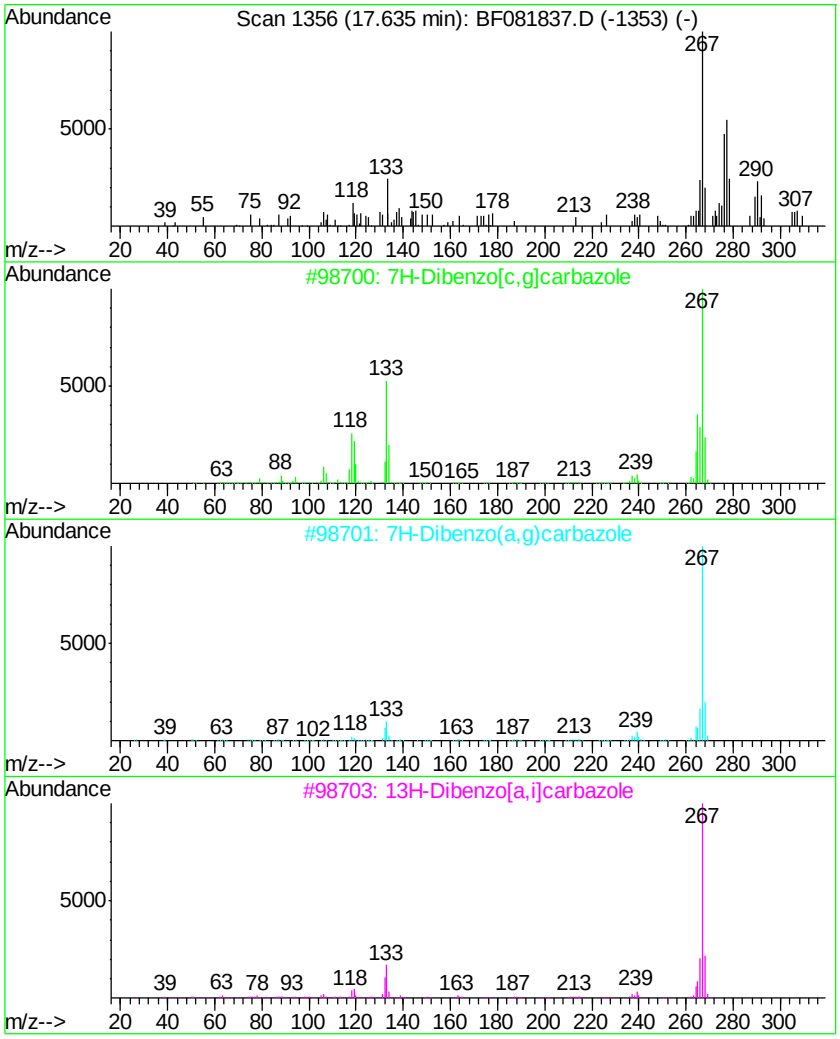

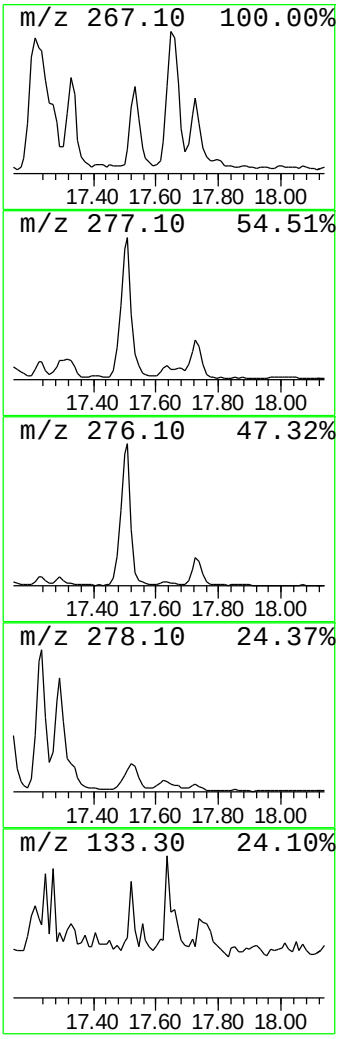

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Sample : G3779-03
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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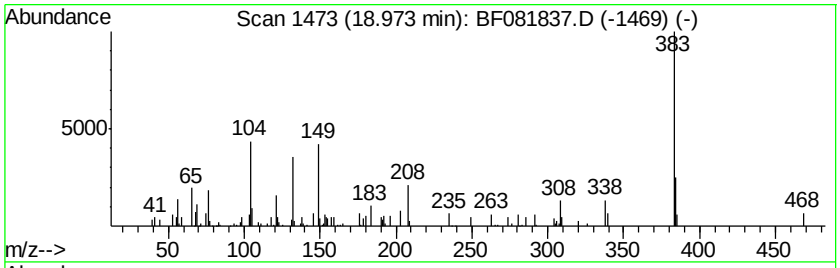
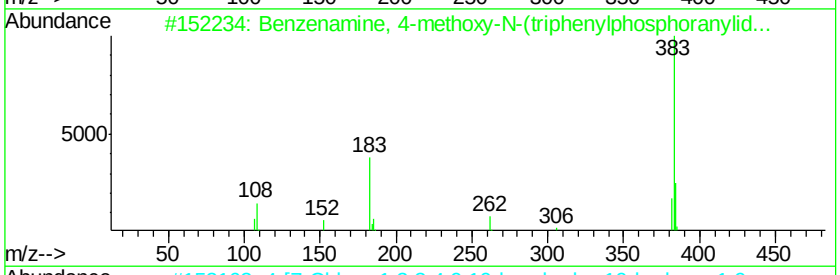
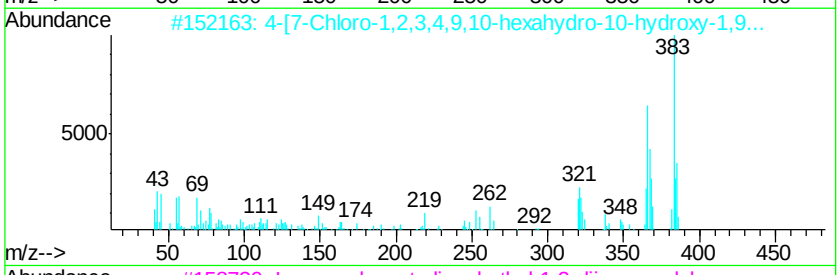
Peak Number 17 unknown18.97 Concentration Rank 19

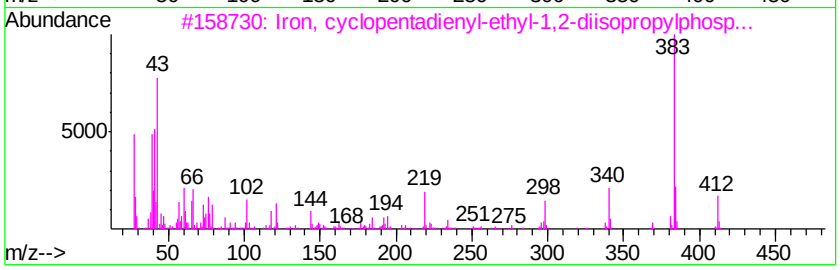
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.73 ng	164063	Perylene-d12	15.59

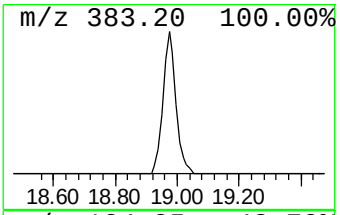
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-methoxy-N-(triphe...	383	C25H22NOP	014796-89-5	38
2	4-[7-Chloro-1,2,3,4,9,10-hexahyd...	383	C20H14ClNO5	075618-38-1	16
3	Iron, cyclopentadienyl-ethyl-1,2...	412	C21H42FeP2	1000156-34-1	12
4	Benzaldehyde, 2-hydroxy-5-nitro-...	383	C13H10IN3O3	1000272-27-9	9
5	Benzenebutanamine	149	C10H15N	013214-66-9	9

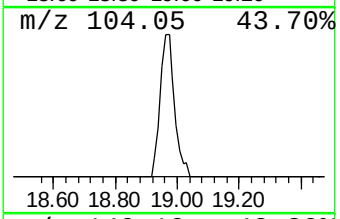


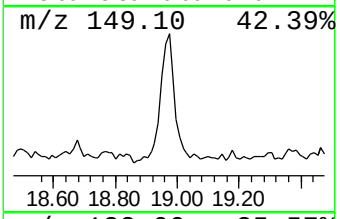


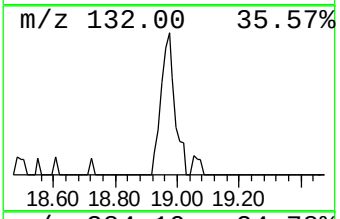


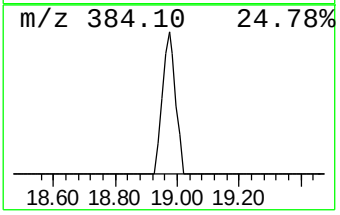












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Acq On : 26 Sep 2015 19:57
Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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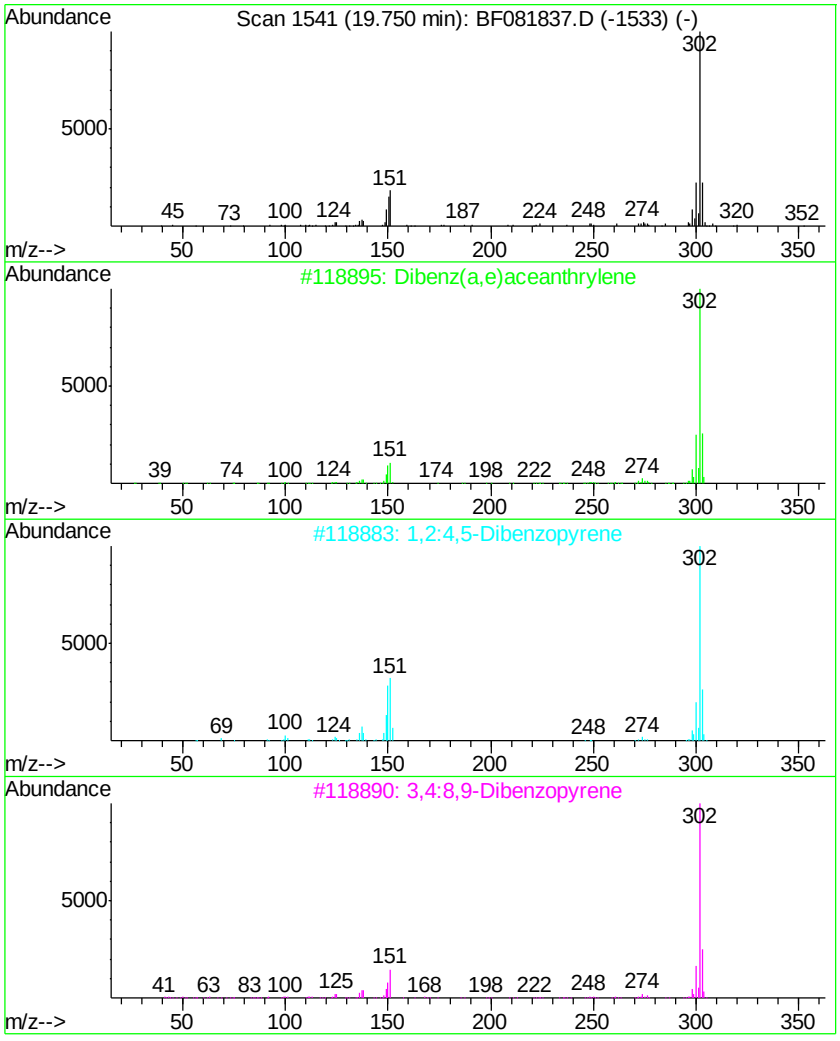
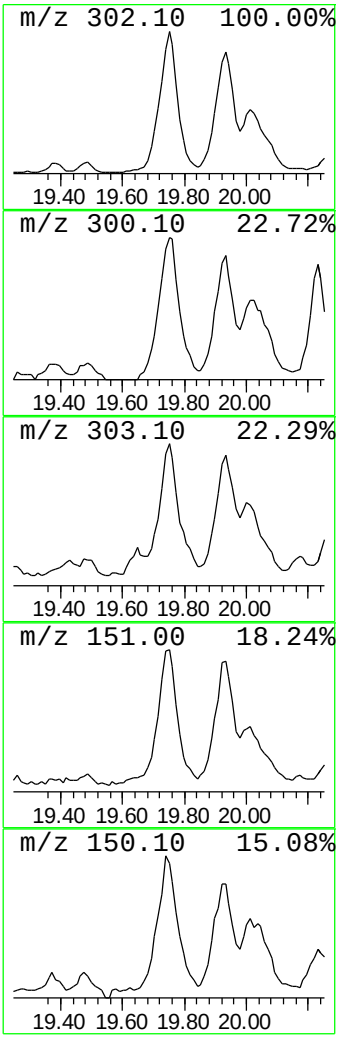
Peak Number 18 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	13.29 ng	460958	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	83
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	76





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TIC Integration Parameters: LSCINT.P

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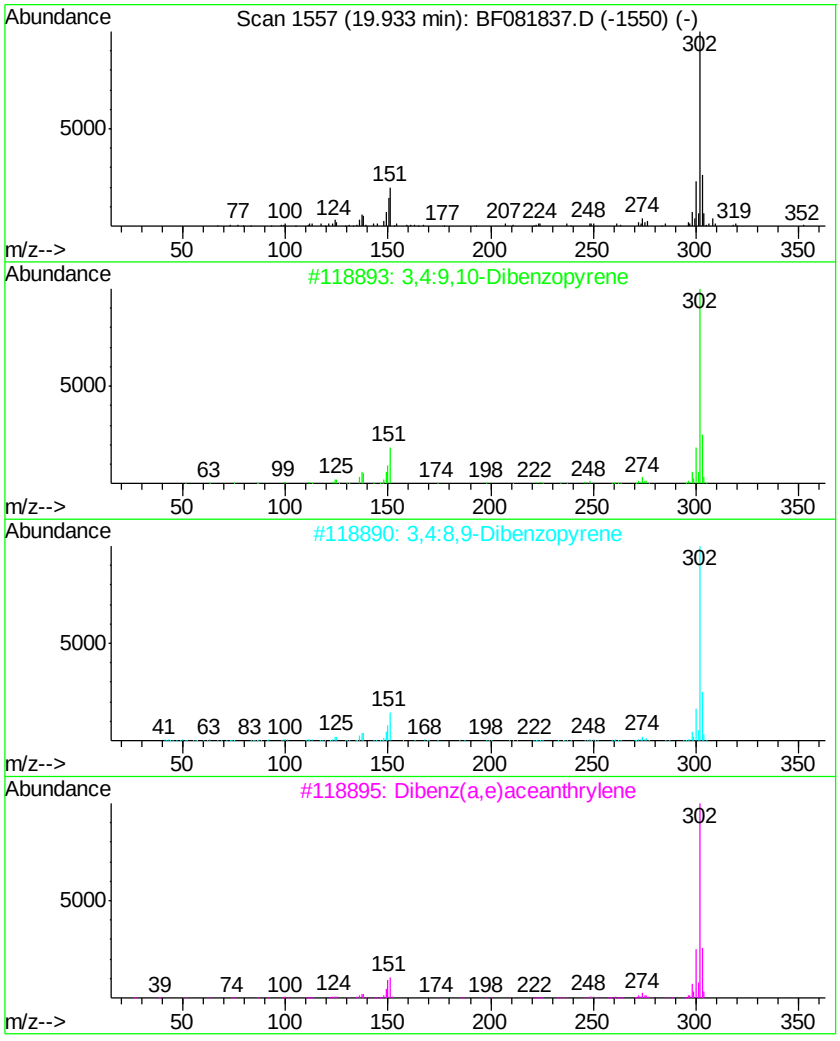
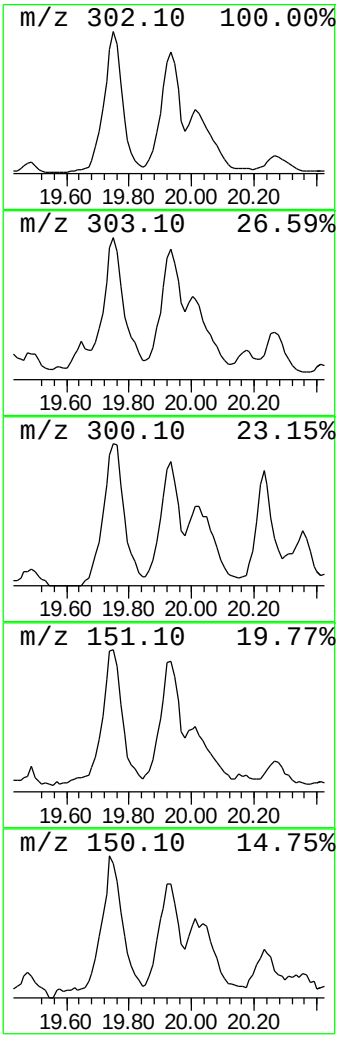
Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	10.53 ng	365408	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	99
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	83





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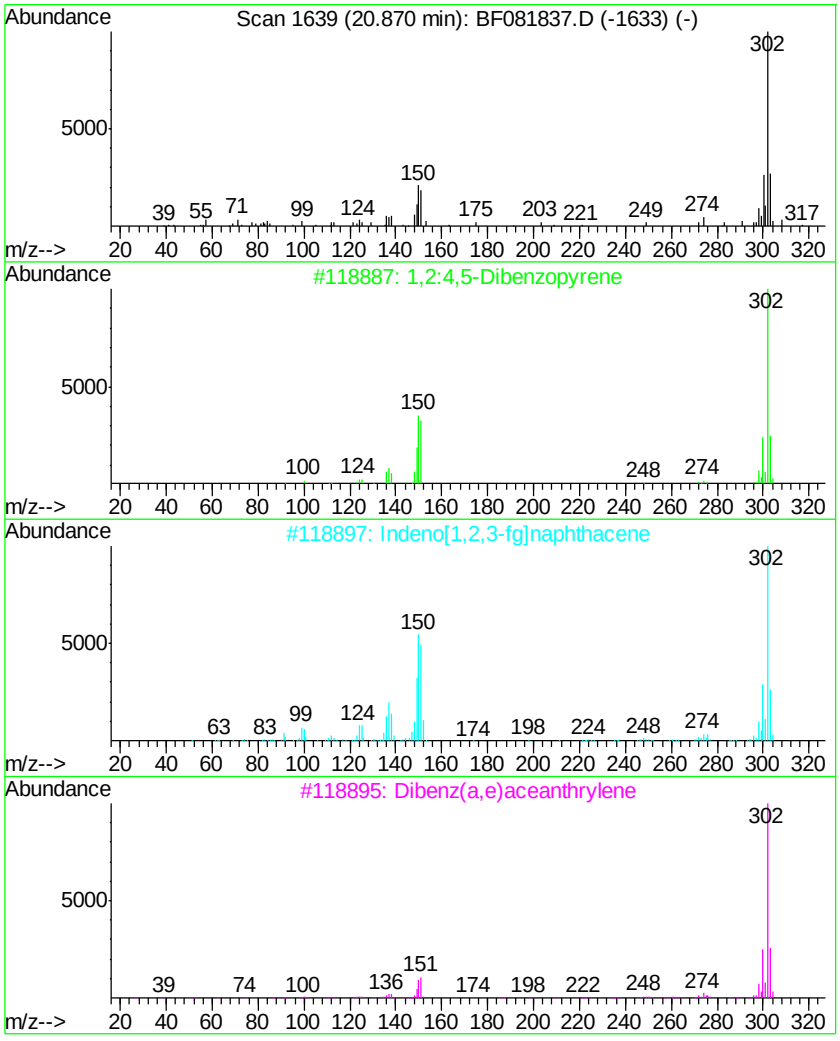
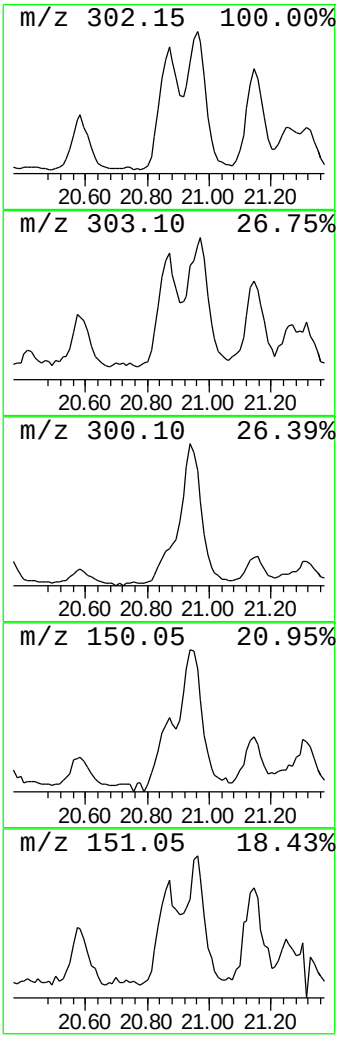
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.76 ng	165168	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	94
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081837.D
Acq On : 26 Sep 2015 19:57
Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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
Propane, 1,1-dime...	2.23	7.5	ng	248671	1	6.94	666499	20.0
2-Pentanone, 4-hy...	5.14	50.2	ng	1673250	1	6.94	666499	20.0
unknown6.71	6.71	91.0	ng	3031830	1	6.94	666499	20.0
9H-Fluoren-9-ol	10.69	5.4	ng	242845	3	9.98	900322	20.0
unknown15.00	15.00	11.0	ng	381706	6	15.59	693786	20.0
unknown15.06	15.06	5.1	ng	177508	6	15.59	693786	20.0
Dinaphtho[1,2-b:1...	15.37	9.2	ng	317523	6	15.59	693786	20.0
unknown16.72	16.72	8.7	ng	302023	6	15.59	693786	20.0
1,2:7,8-Dibenzoph...	17.24	12.0	ng	417569	6	15.59	693786	20.0
Benzo[b]triphenylene	17.29	5.1	ng	176883	6	15.59	693786	20.0
unknown17.64	17.64	4.4	ng	152241	6	15.59	693786	20.0
unknown18.97	18.97	4.7	ng	164063	6	15.59	693786	20.0
Dibenz(a,e)aceant...	19.75	13.3	ng	460958	6	15.59	693786	20.0
3,4:9,10-Dibenzop...	19.93	10.5	ng	365408	6	15.59	693786	20.0
1,2:4,5-Dibenzopy...	20.87	4.8	ng	165168	6	15.59	693786	20.0