LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

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-BF040115.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	1.438	21	22	28	rBV	102534	166949	10.74%	0.792%
2	1.530	28	30	56	rVB	669757	1204371	77.49%	5.717%
3	4.273	267	270	275	rBV	33150	64058	4.12%	0.304%
4	4.902	323	325	334	rBV	381895	479486	30.85%	2.276%
5	5.142	343	346	349	rBV2	18186	22934	1.48%	0.109%
6	6.296	444	447	453	rBV	352112	503349	32.39%	2.389%
7	6.387	453	455	458	rVB	501176	531700	34.21%	2.524%
8	6.673	478	480	483	rBV	169496	156946	10.10%	0.745%
9	6.856	494	496	499	rBV	456759	422589	27.19%	2.006%
10	7.382	539	542	544	rBV	333484	334651	21.53%	1.588%
11	8.250	616	618	624	rVB2	240328	291741	18.77%	1.385%
12	9.131	693	695	700	rVB2	29001	46246	2.98%	0.220%
13	9.256	703	706	708	rBV2	22183	29489	1.90%	0.140%
14	9.599	734	736	739	rVB	667768	648551	41.73%	3.078%
15	9.999	766	771	773	rBV2	21796	32547	2.09%	0.154%
16	10.113	780	781	789	rVB	74883	106002	6.82%	0.503%
17	10.228	789	791	794	rBV	72491	80037	5.15%	0.380%
18	10.399	804	806	809	rBV	228111	302447	19.46%	1.436%
19	10.445	809	810	812	rVB	23503	17822	1.15%	0.085%
20	10.662	826	829	832	rBV2	32960	41824	2.69%	0.199%
21	10.719	832	834	836	rVB2	17011	22849	1.47%	0.108%
22	10.811	839	842	844	rVV4	12388	18039	1.16%	0.086%
23	11.028	859	861	863	rBV2	24872	36512	2.35%	0.173%
24	11.074	863	865	868	rVB	29990	36732	2.36%	0.174%
25	11.279	881	883	884	rBV	24522	30881	1.99%	0.147%
26	11.382	889	892	894	rVV	339841	455656	29.32%	2.163%
27	11.611	909	912	916	rBV	40302	78544	5.05%	0.373%
28	11.931	938	940	943	rBV3	24579	53548	3.45%	0.254%
29	11.988	943	945	949	rVB2	43342	64064	4.12%	0.304%
30	12.057	949	951	953	rBV	20297	30776	1.98%	0.146%
31	12.091	953	954	956	rVV	26699	20992	1.35%	0.100%
32	12.159	959	960	962	rBV	33030	29550	1.90%	0.140%
33	12.217	963	965	967	rVV	260565	398092	25.61%	1.890%
34	12.251	967	968	970	rVB	409213	304941	19.62%	1.447%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.308	970	973	976	rBV	132333	155258	9.99%	0.737%
36	12.388	976	980	981	rBV2	14498	28756	1.85%	0.136%
37	12.537	991	993	998	rBV	126317	196043	12.61%	0.931%
38	12.628	998	1001	1004	rVB4	15877	36049	2.32%	0.171%
39	12.685	1004	1006	1009	rBV2	23925	41290	2.66%	0.196%
40	12.788	1013	1015	1018	rBV3	12645	21155	1.36%	0.100%
41	12.845	1018	1020	1021	rBV	79901	76692	4.93%	0.364%
42	12.879	1021	1023	1026	rVB	121068	129406	8.33%	0.614%
43	12.937	1026	1028	1029	rBV	59837	59255	3.81%	0.281%
44	12.971	1029	1031	1033	rBV	105870	161738	10.41%	0.768%
45	13.005	1033	1034	1037	rVB	84200	77647	5.00%	0.369%
46	13.085	1039	1041	1043	rBV3	13694	23784	1.53%	0.113%
47	13.200	1047	1051	1052	rBV2	29282	65594	4.22%	0.311%
48	13.222	1052	1053	1058	rVB2	65855	105871	6.81%	0.503%
49	13.302	1058	1060	1063	rVB3	14977	18520	1.19%	0.088%
50	13.405	1067	1069	1071	rBV2	27588	45644	2.94%	0.217%
51	13.440	1071	1072	1073	rVB	25789	17691	1.14%	0.084%
52	13.462	1073	1074	1076	rVB	24787	30090	1.94%	0.143%
53	13.531	1076	1080	1082	rBV2	73402	160461	10.32%	0.762%
54	13.622	1086	1088	1091	rVB2	43181	83249	5.36%	0.395%
55	13.714	1093	1096	1098	rVB	561458	763821	49.15%	3.626%
56	13.748	1098	1099	1101	rVB	62479	62131	4.00%	0.295%
57	13.794	1101	1103	1104	rBV	46014	58532	3.77%	0.278%
58	13.828	1104	1106	1107	rVB	34523	41608	2.68%	0.197%
59	13.885	1109	1111	1113	rBV2	38694	60400	3.89%	0.287%
60	13.977	1116	1119	1121	rBV	743399	847087	54.50%	4.021%
61	14.022	1121	1123	1124	rBV2	11328	19265	1.24%	0.091%
62	14.045	1124	1125	1127	rBV2	28771	37024	2.38%	0.176%
63	14.102	1127	1130	1132	rBV	1342922	1554185	100.00%	7.377%
64	14.148	1132	1134	1135	rVV2	85246	131627	8.47%	0.625%
65	14.205	1137	1139	1142	rVV	658620	865903	55.71%	4.110%
66	14.274	1142	1145	1146	rVB	40357	49401	3.18%	0.234%
67	14.308	1146	1148	1150	rVB2	24401	30729	1.98%	0.146%
68	14.377	1151	1154	1155	rBV2	60901	127047	8.17%	0.603%
69	14.400	1155	1156	1158	rVB	105886	96230	6.19%	0.457%
70	14.480	1161	1163	1165	rVB2	57517	62542	4.02%	0.297%
71	14.525	1165	1167	1170	rBV2	91434	151477	9.75%	0.719%

LSC Area Percent Report

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Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.628	1175	1176	1178	rVB	53569	53694	3.45%	0.255%
73	14.663	1178	1179	1181	rBV	27737	42235	2.72%	0.200%
74	15.028	1207	1211	1214	rVB2	66729	146264	9.41%	0.694%
75	15.154	1219	1222	1224	rBV	92532	134613	8.66%	0.639%
76	15.211	1224	1227	1228	rVV2	69988	144489	9.30%	0.686%
77	15.245	1228	1230	1232	rVV2	48715	81761	5.26%	0.388%
78	15.291	1232	1234	1236	rVB	55514	81313	5.23%	0.386%
79	15.394	1241	1243	1246	rBV2	101165	218879	14.08%	1.039%
80	15.463	1246	1249	1251	rVV2	573719	1044365	67.20%	4.957%
81	15.497	1251	1252	1254	rVB	425245	372556	23.97%	1.768%
82	15.588	1258	1260	1262	rVB2	90491	92152	5.93%	0.437%
83	15.645	1263	1265	1266	rVV	33938	31646	2.04%	0.150%
84	15.771	1273	1276	1277	rBV	52372	92048	5.92%	0.437%
85	15.805	1277	1279	1282	rVB2	55876	97072	6.25%	0.461%
86	15.908	1286	1288	1289	rBV2	35525	43211	2.78%	0.205%
87	15.954	1289	1292	1294	rBV	101620	152046	9.78%	0.722%
88	16.708	1355	1358	1363	rBV	475227	1100897	70.83%	5.226%
89	16.823	1366	1368	1370	rVB	132428	157847	10.16%	0.749%
90	17.017	1382	1385	1387	rBV	260774	405335	26.08%	1.924%
91	17.074	1387	1390	1392	rVB	463254	571869	36.80%	2.714%
92	17.131	1392	1395	1396	rBV	330644	376572	24.23%	1.787%
93	17.726	1445	1447	1450	rVB2	100271	144412	9.29%	0.685%
94	18.046	1473	1475	1482	rVB5	104571	291423	18.75%	1.383%
95	18.171	1483	1486	1489	rBV2	79887	175950	11.32%	0.835%
96	18.297	1494	1497	1501	rVB2	327577	552653	35.56%	2.623%
97	18.434	1507	1509	1511	rBV	71692	125456	8.07%	0.595%
98	18.480	1511	1513	1516	rVB2	82268	146049	9.40%	0.693%
99	18.617	1522	1525	1529	rBV	271137	468570	30.15%	2.224%
100	21.246	1752	1755	1760	rVB2	59334	163979	10.55%	0.778%

Sum of corrected areas: 21067473

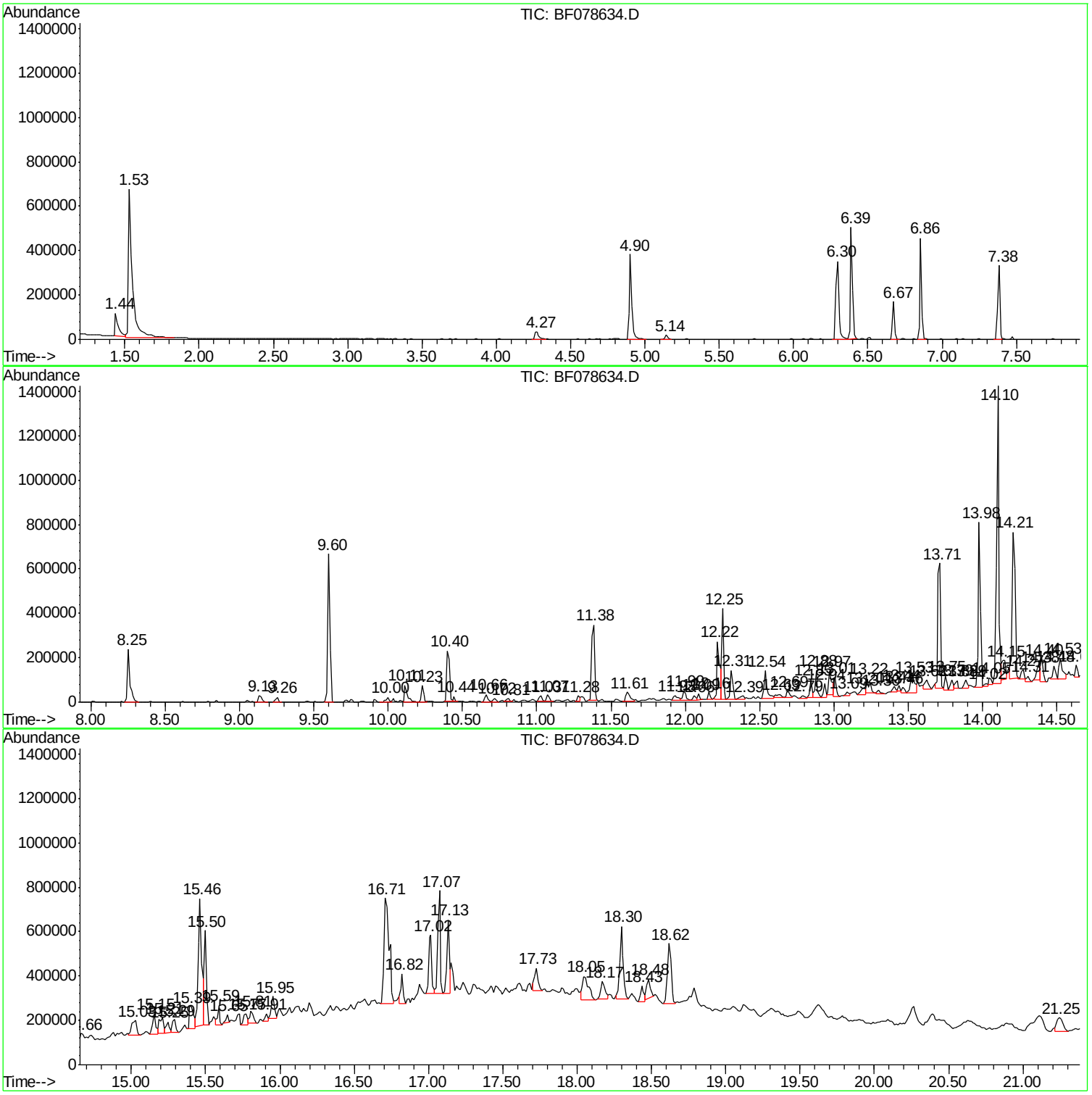
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

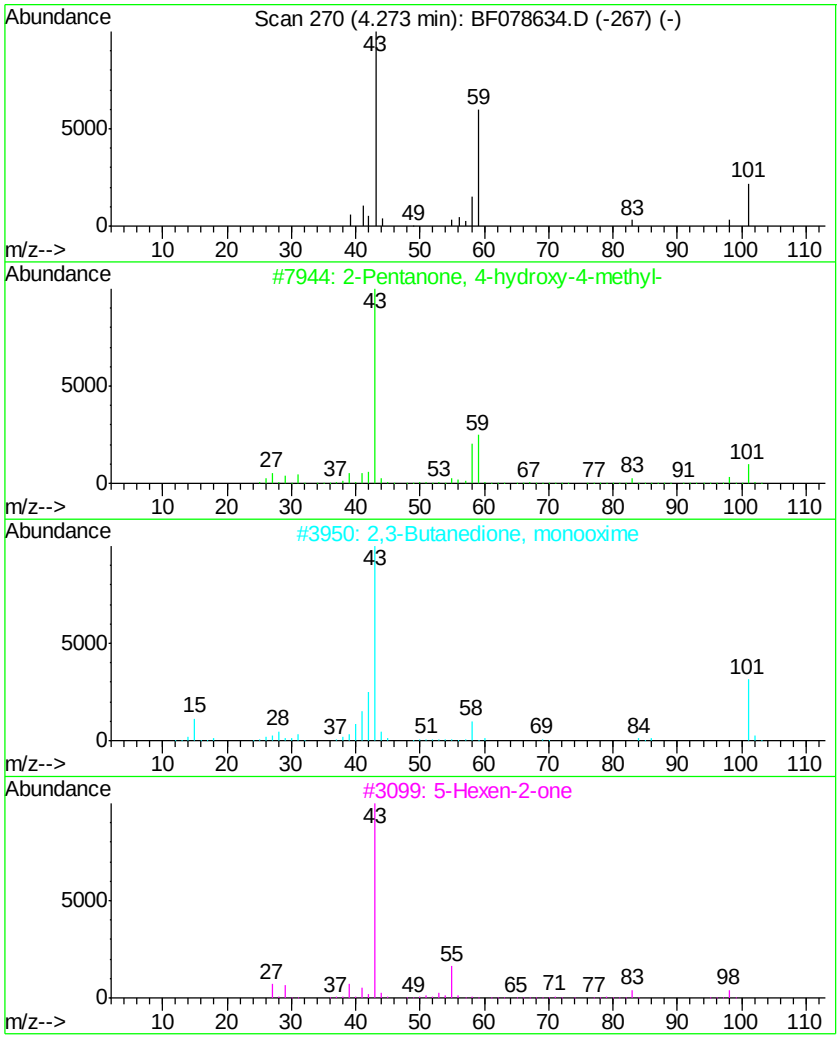
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

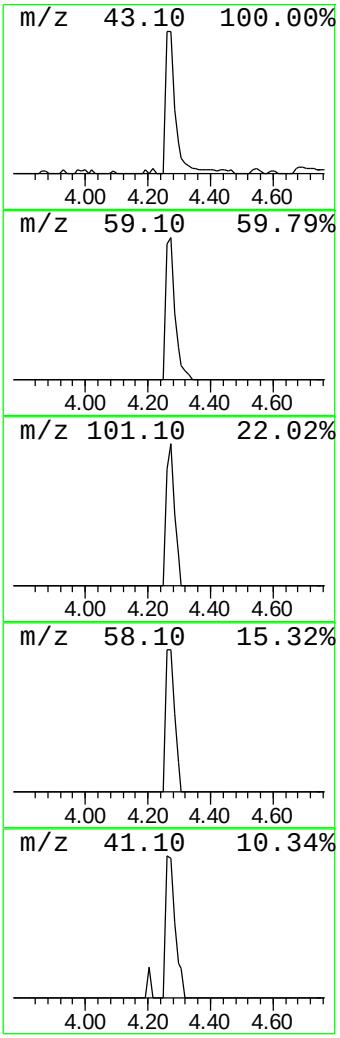
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.16 ng	64058	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

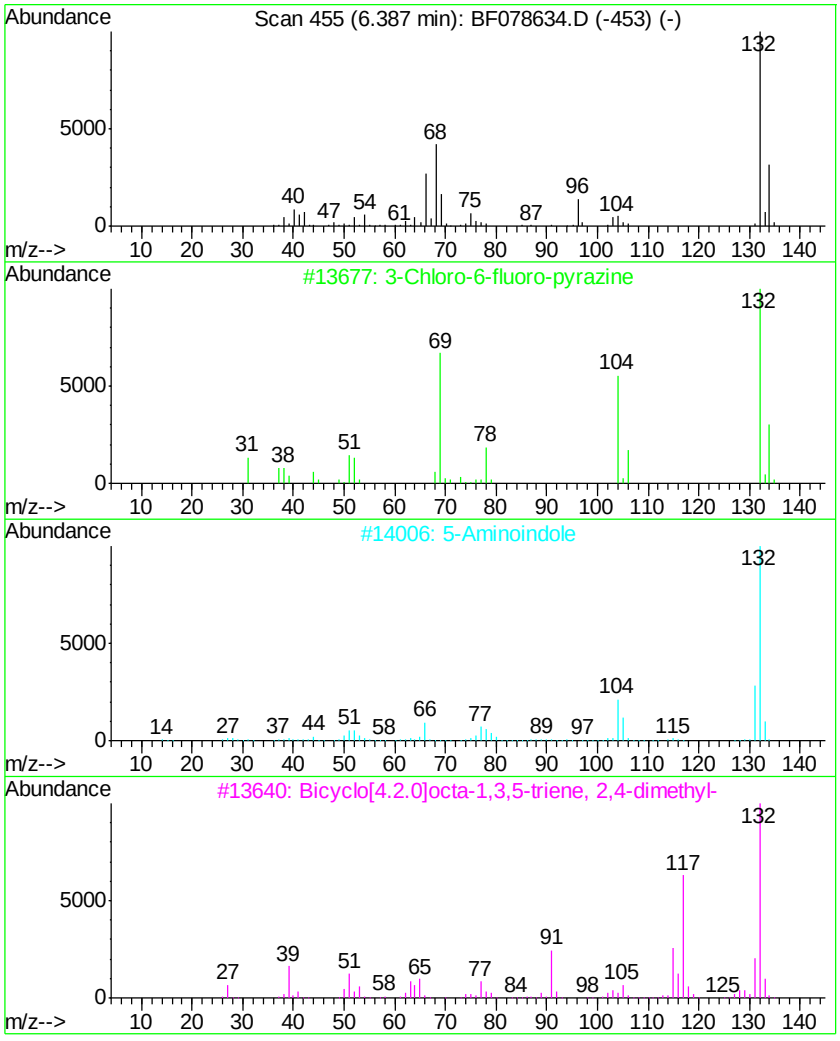
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

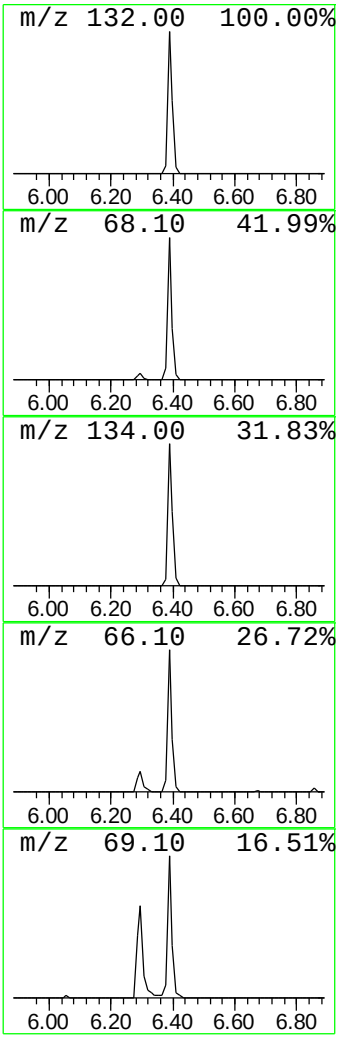
****

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	67.76 ng	531700	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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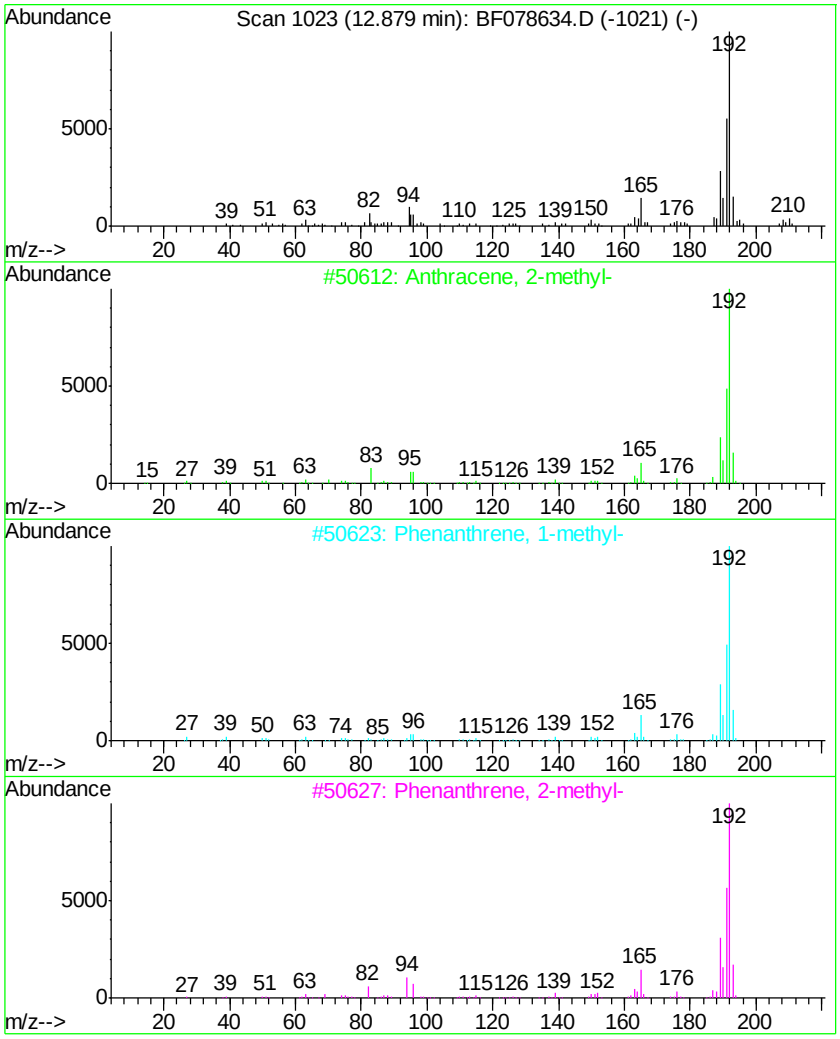
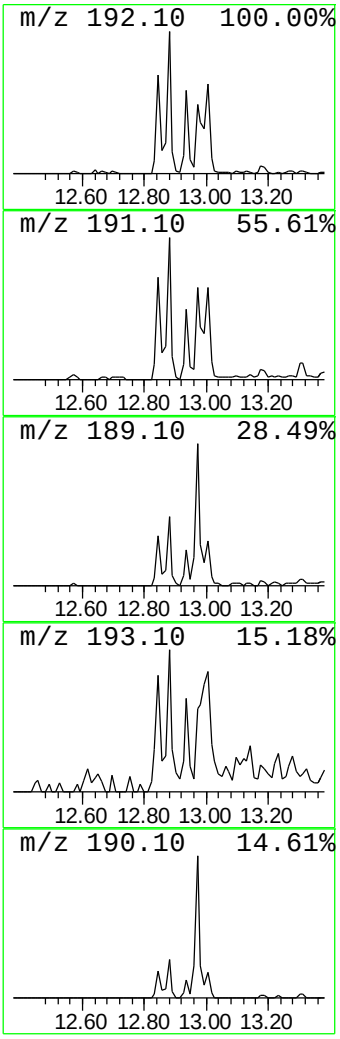
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.50 ng	129406	Phenanthrene-d10	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

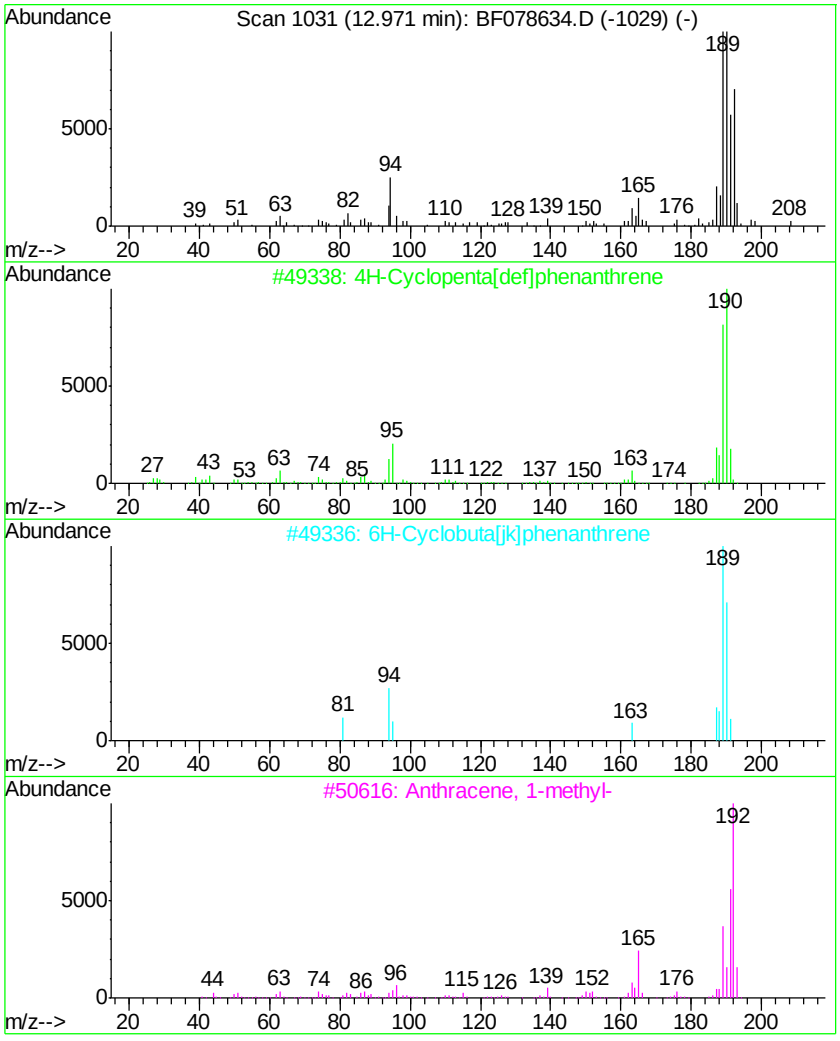
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

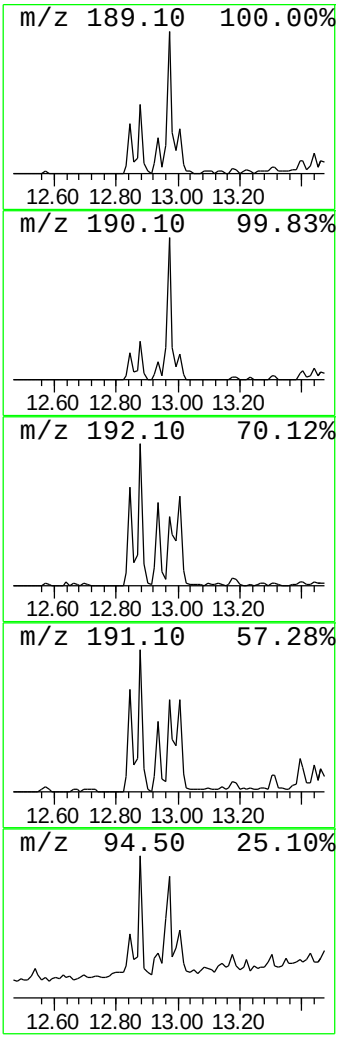
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	8.13 ng	161738	Phenanthrene-d10	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

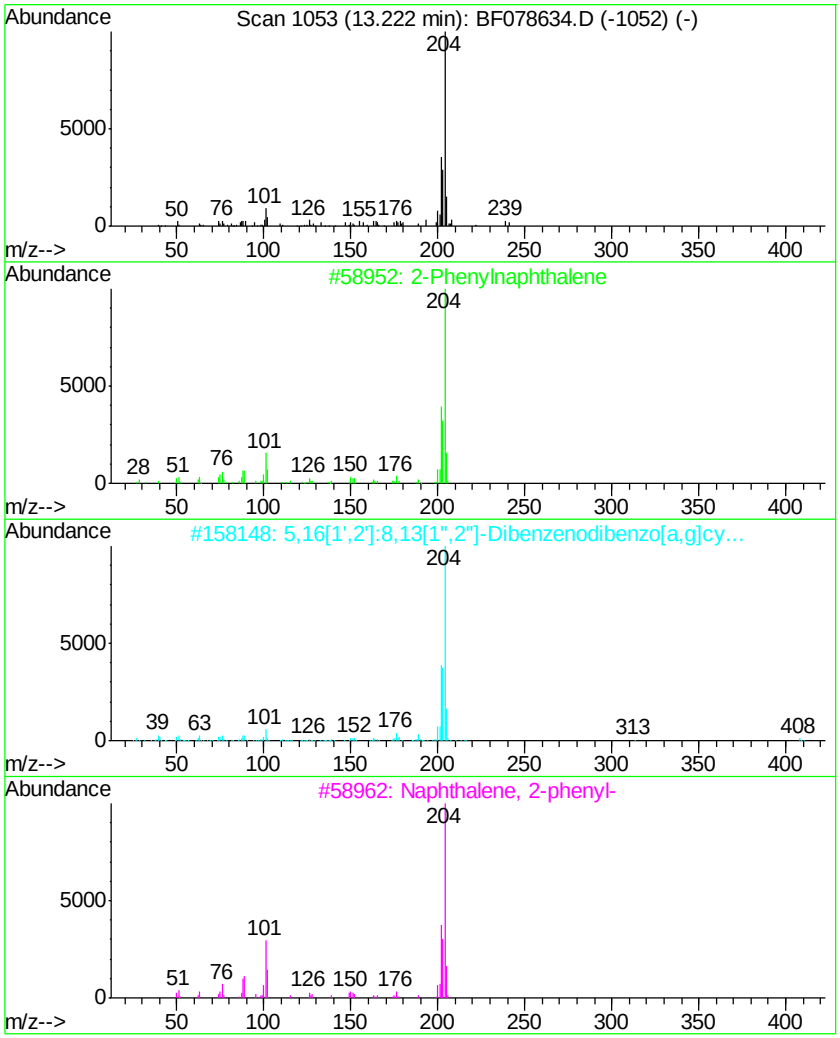
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

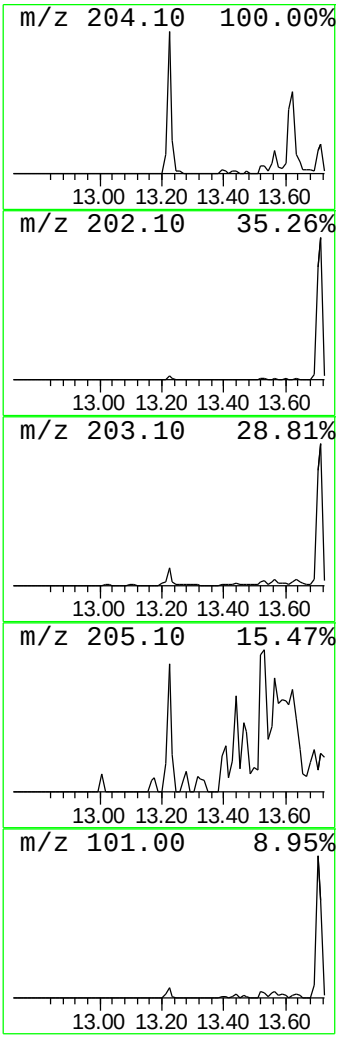
****

Peak Number 8 2-Phenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.32 ng	105871	Phenanthrene-d10	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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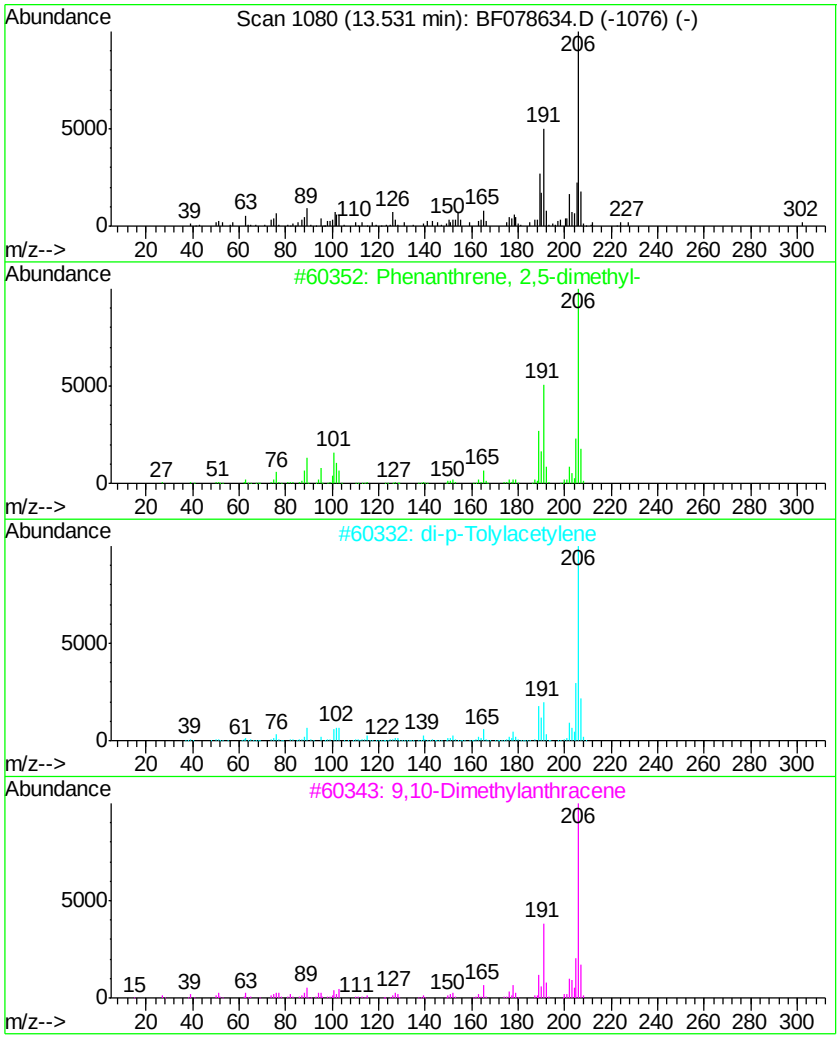
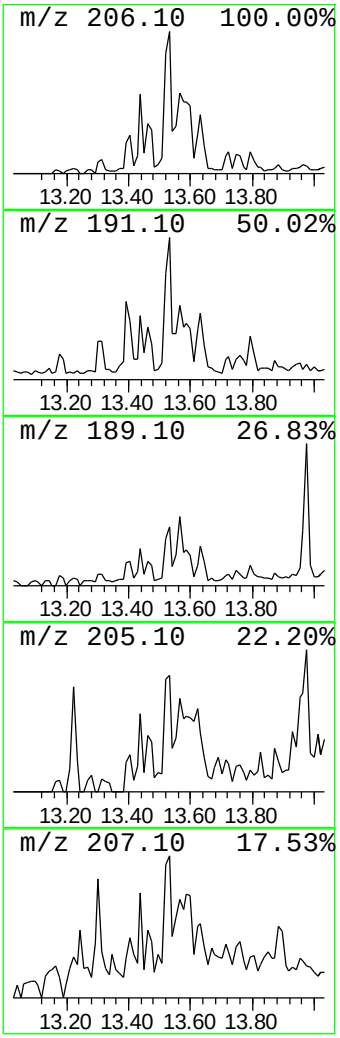
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	8.06 ng	160461	Phenanthrene-d10	12.22

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	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Operator : TP/IZ
Sample : G1854-13
Misc :
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Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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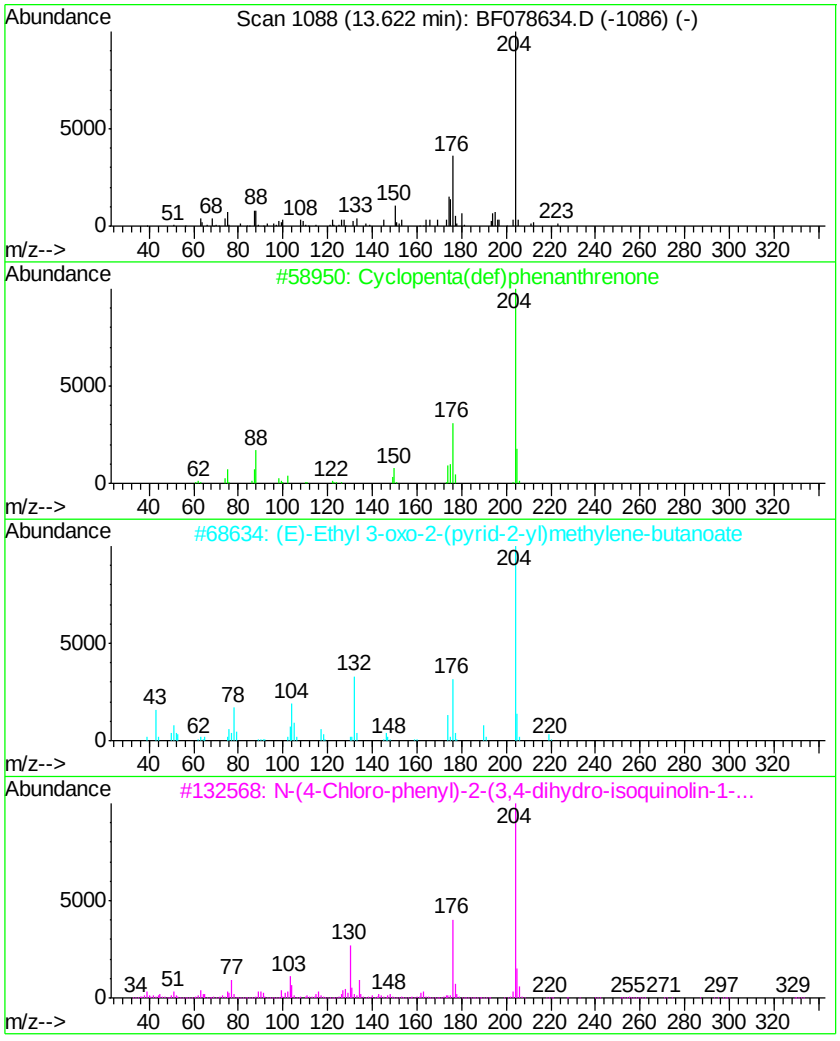
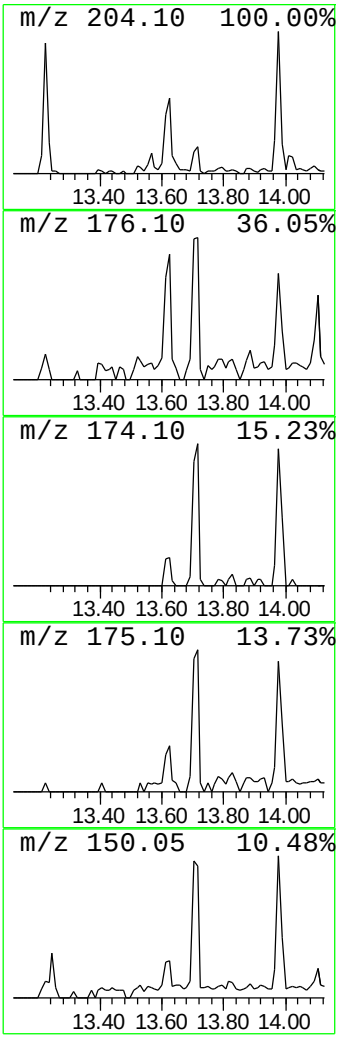
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.18 ng	83249	Phenanthrene-d10	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	36
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	33
4	Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	28
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25





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Instrument : BNA_F
ClientSampleId : LS-SB102

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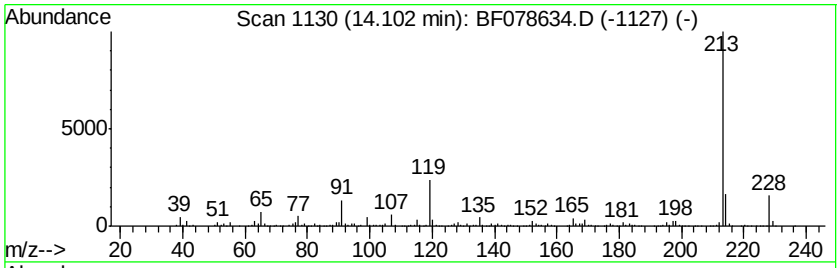
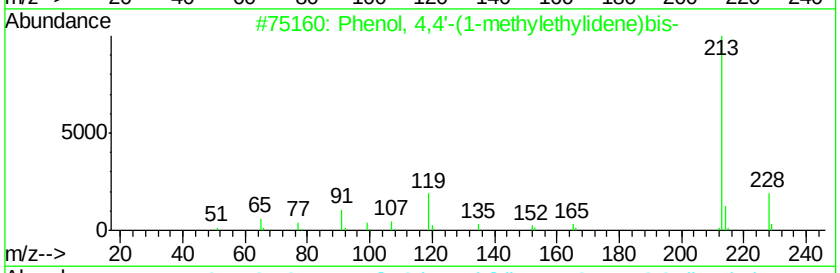
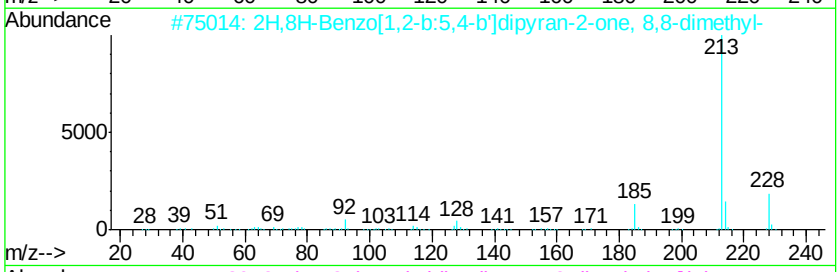
Peak Number 11 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

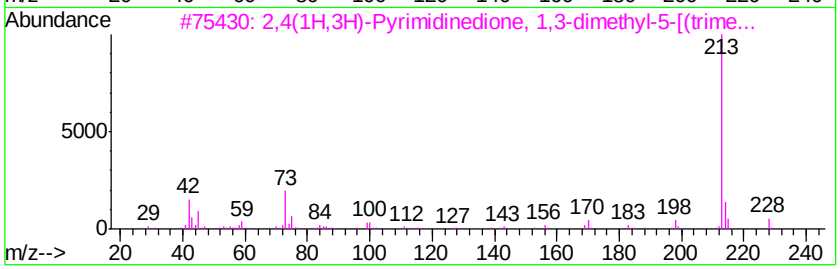
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	29.76 ng	1554190	Chrysene-d12	15.46

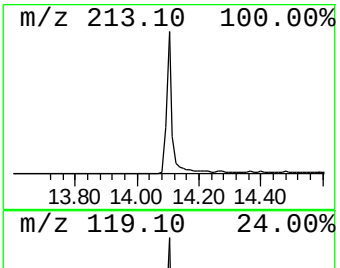
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
3	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	50
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40

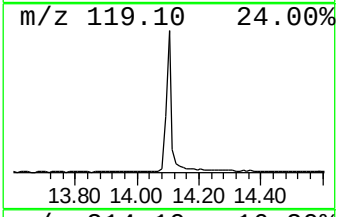


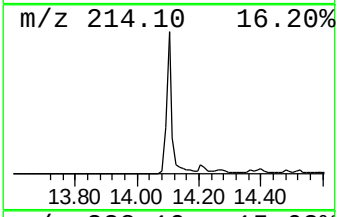


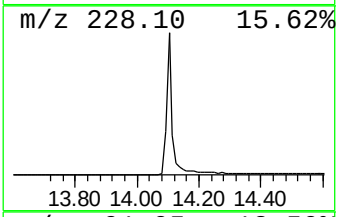


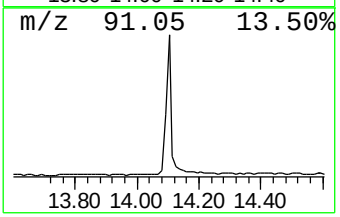












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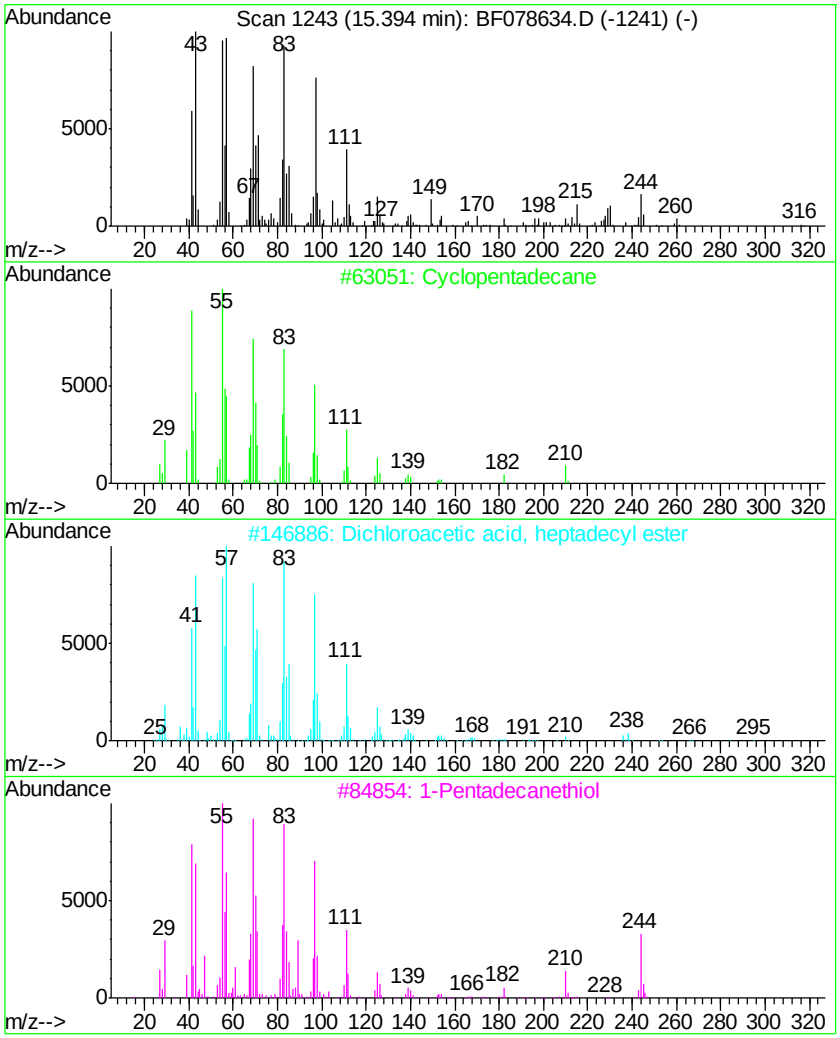
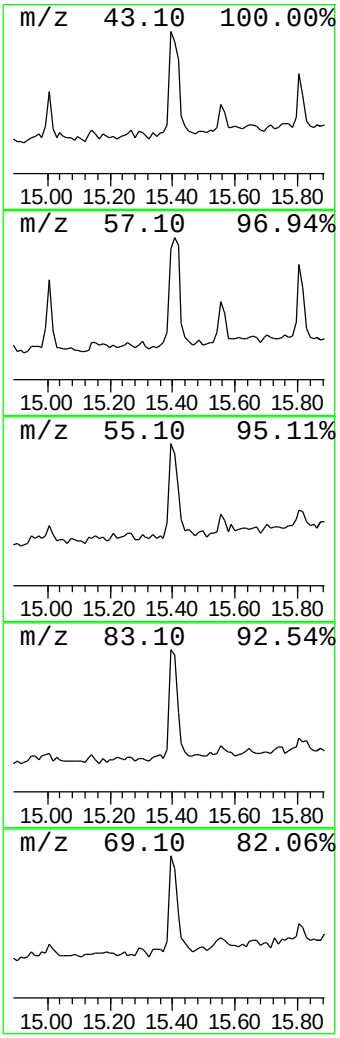
Peak Number 12 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.19 ng	218879	Chrysene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	1-Pentadecanethiol	244	C15H32S	025276-70-4	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	94





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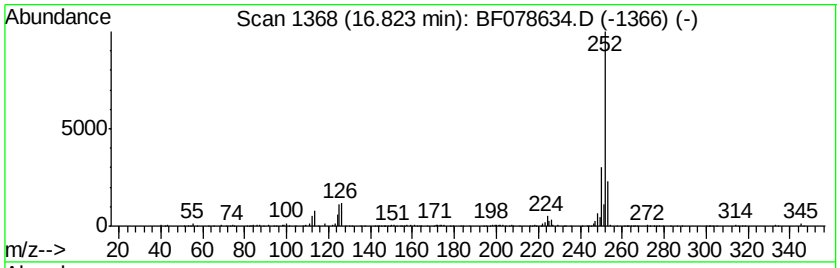
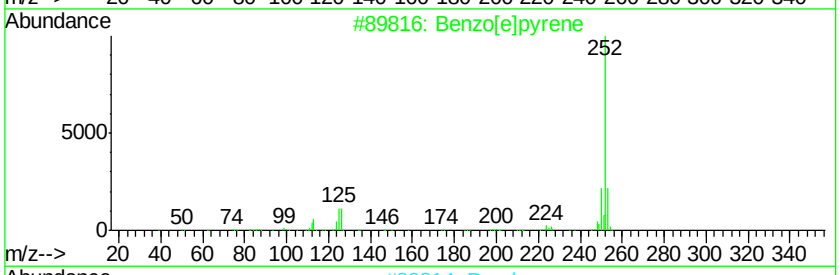
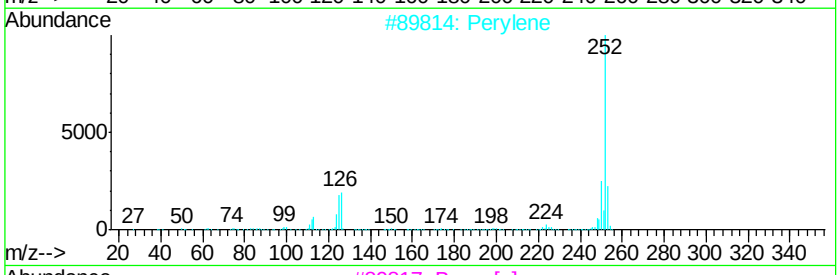
Peak Number 13 Benzo[e]pyrene Concentration Rank 10

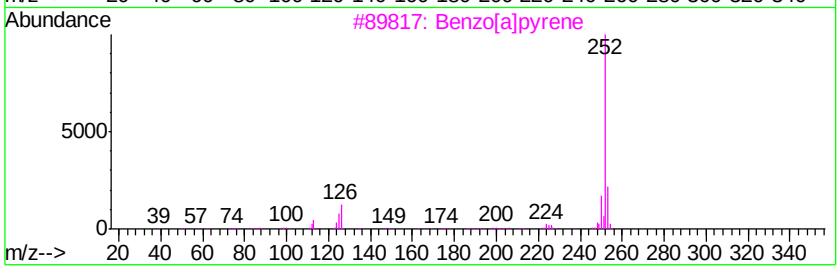
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	8.38 ng	157847	Perylene-d12	17.13

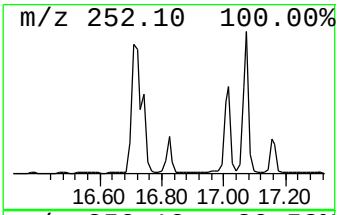
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90

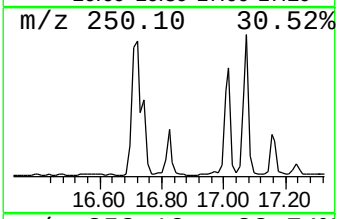


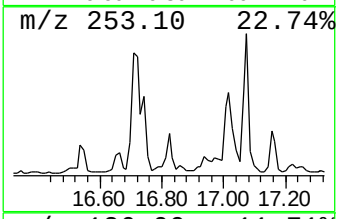


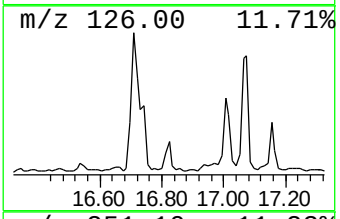


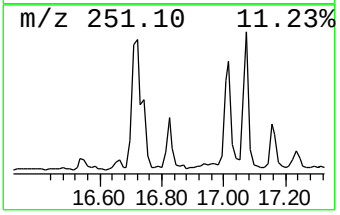












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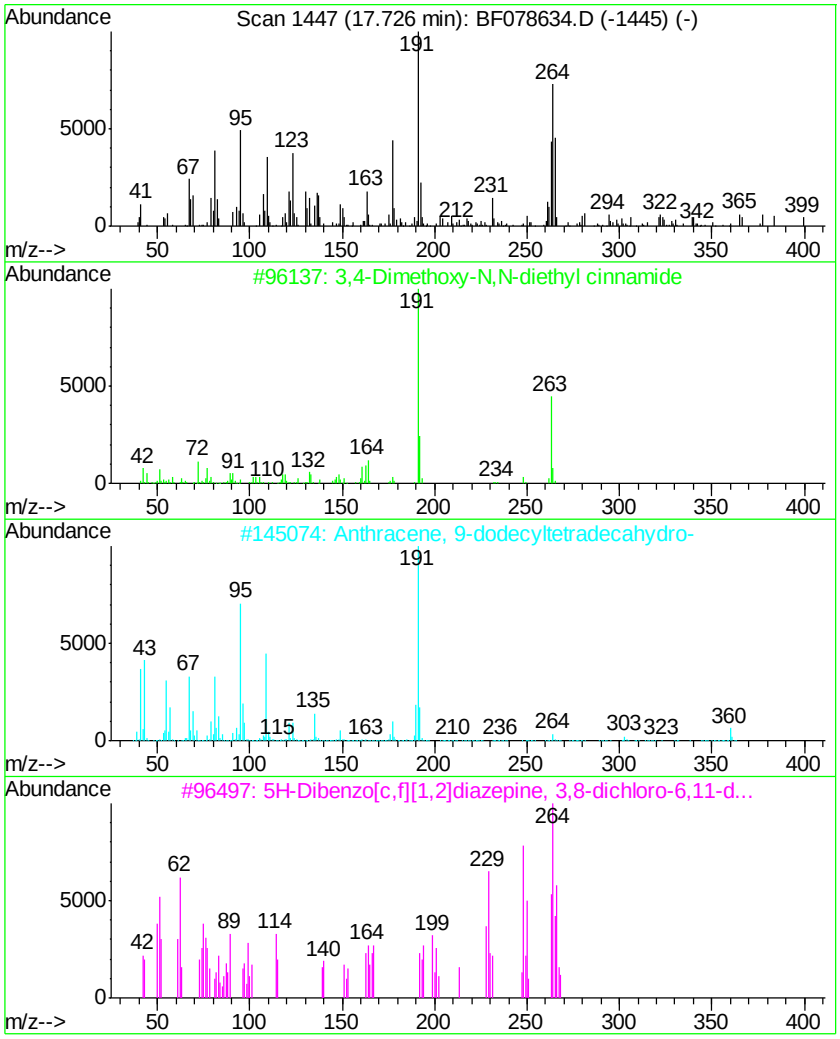
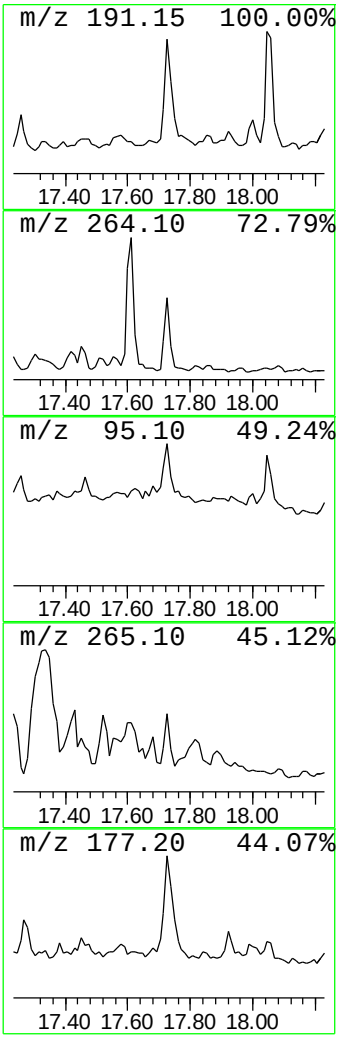
Peak Number 15 unknown17.73 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	7.67 ng	144412	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethoxy-N,N-diethyl cinnamide	263	C15H21NO3	185410-48-4	38
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	27
3	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	20
4	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	16
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	14





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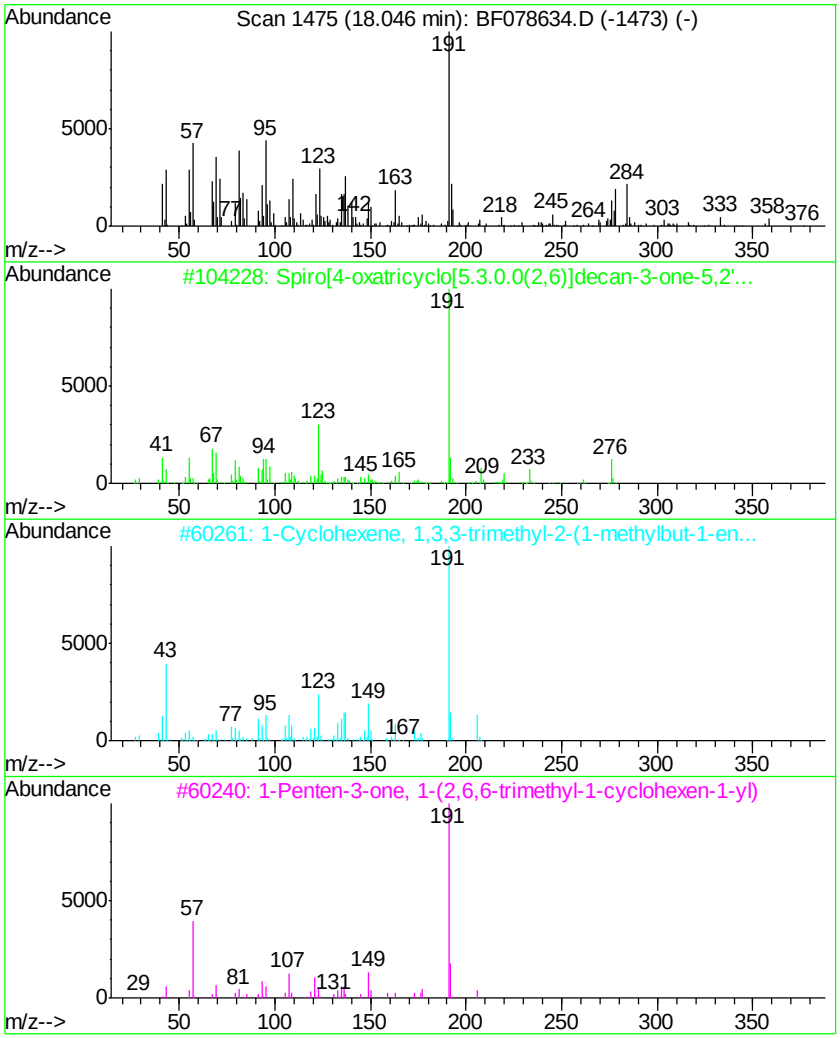
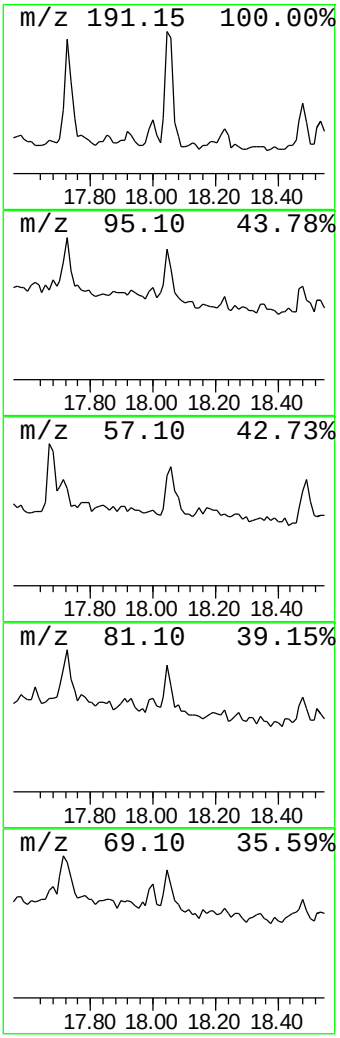
Peak Number 16 unknown18.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	15.48 ng	291423	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	38
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
4	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	27
5	9-Anthracenepropanoic acid, 9,10...	310	C20H22O3	110551-80-9	27





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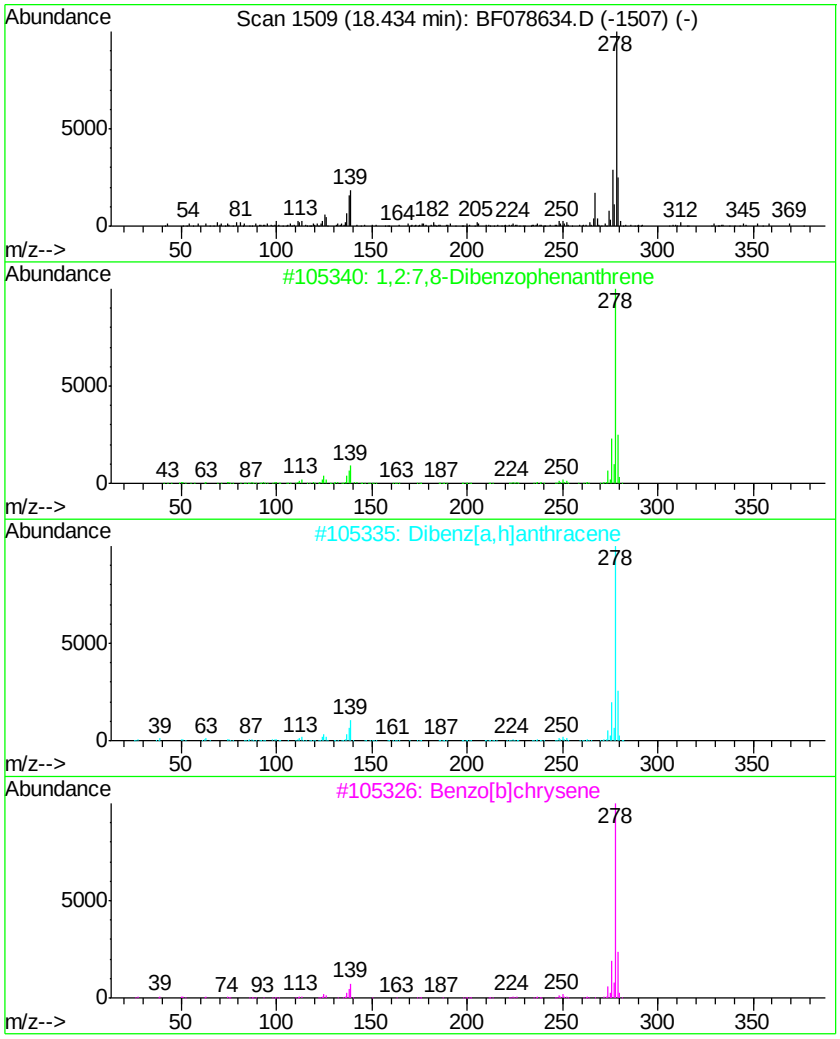
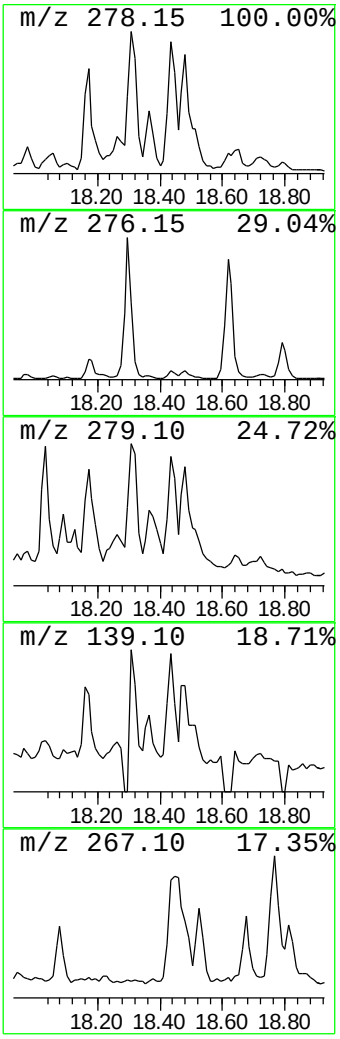
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.66 ng	125456	Perylene-d12	17.13

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	97
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5	Pentaphene	278	C22H14	000222-93-5	95





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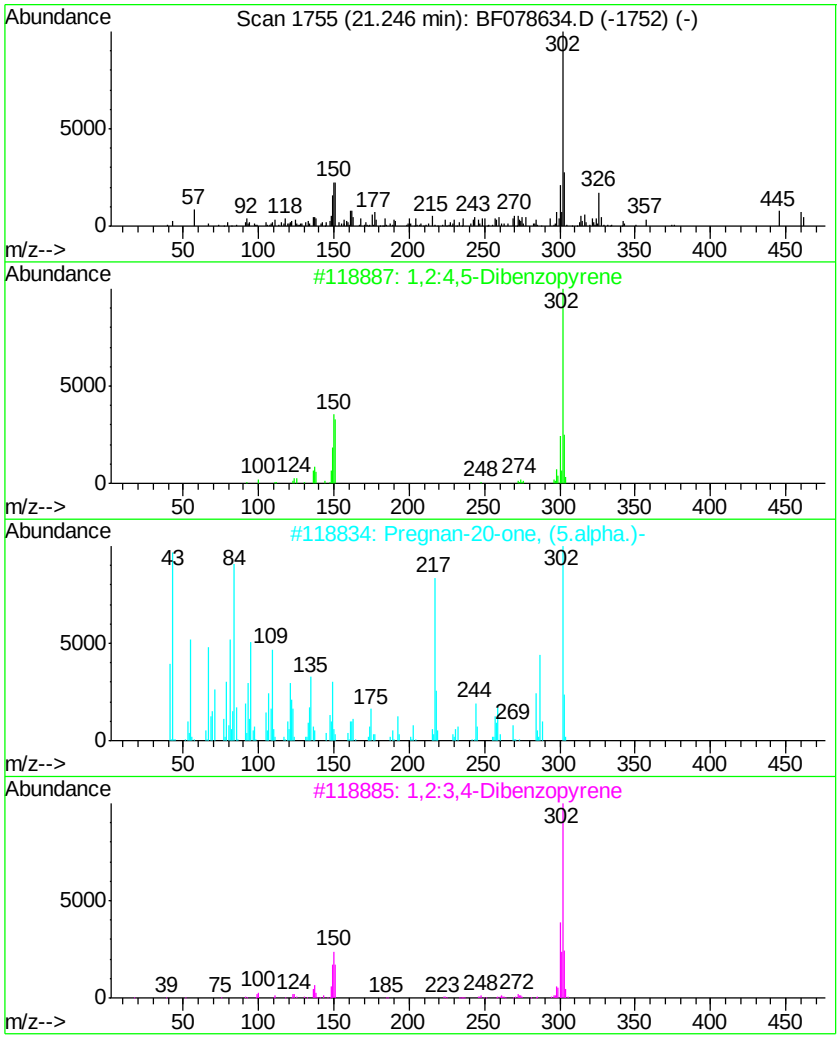
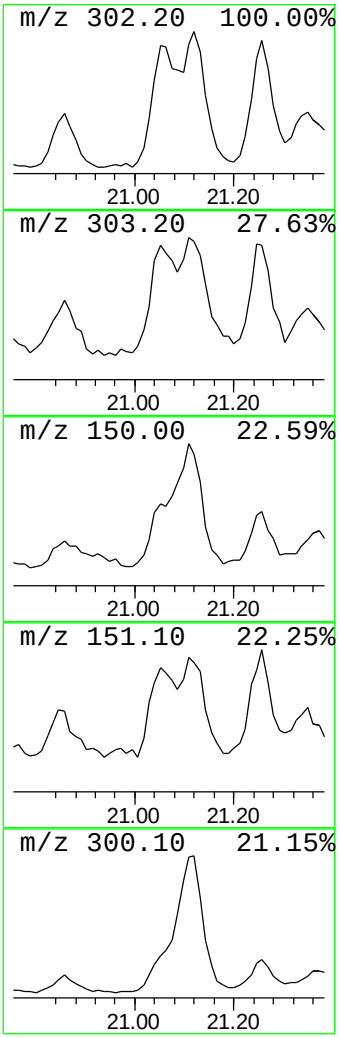
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	8.71 ng	163979	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	Pregnan-20-one, (5.alpha.)-	302	C21H34O	000848-62-4	93
3	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078634.D
Acq On : 18 Apr 2015 9:59
Operator : TP/IZ
Sample : G1854-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB102

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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...	4.27	8.2	ng	64058	1	6.67	156946	20.0
unknown6.39	6.39	67.8	ng	531700	1	6.67	156946	20.0
Anthracene, 2-met...	12.88	6.5	ng	129406	4	12.22	398092	20.0
4H-Cyclopenta[def...	12.97	8.1	ng	161738	4	12.22	398092	20.0
2-Phenylnaphthalene	13.22	5.3	ng	105871	4	12.22	398092	20.0
Phenanthrene, 2,5...	13.53	8.1	ng	160461	4	12.22	398092	20.0
Cyclopenta(def)ph...	13.62	4.2	ng	83249	4	12.22	398092	20.0
Phenol, 4,4'-(1-m...	14.10	29.8	ng	1554190	5	15.46	1044370	20.0
Cyclopentadecane	15.39	4.2	ng	218879	5	15.46	1044370	20.0
Benzo[e]pyrene	16.82	8.4	ng	157847	6	17.13	376572	20.0
unknown17.73	17.73	7.7	ng	144412	6	17.13	376572	20.0
unknown18.05	18.05	15.5	ng	291423	6	17.13	376572	20.0
1,2:7,8-Dibenzoph...	18.43	6.7	ng	125456	6	17.13	376572	20.0
1,2:4,5-Dibenzopy...	21.25	8.7	ng	163979	6	17.13	376572	20.0