LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

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-BF111214.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	1.624	44	47	49	rBV	3820674	5131713	100.00%	11.812%
2	1.761	56	59	63	rVB	104407	186907	3.64%	0.430%
3	1.830	63	65	74	rVV	90014	160645	3.13%	0.370%
4	1.967	74	77	84	rVV2	712078	1131757	22.05%	2.605%
5	2.070	84	86	103	rVB5	37204	152402	2.97%	0.351%
6	5.350	370	373	376	rBV	330278	361987	7.05%	0.833%
7	5.853	415	417	420	rBV	824860	1059582	20.65%	2.439%
8	7.110	525	527	530	rBV	1078275	1084137	21.13%	2.495%
9	7.270	538	541	543	rBV	1222695	1136877	22.15%	2.617%
10	7.556	563	566	568	rBV	405139	362050	7.06%	0.833%
11	7.739	580	582	585	rBV	752845	839266	16.35%	1.932%
12	8.242	624	626	629	rBV	596989	636529	12.40%	1.465%
13	8.791	660	674	675	rBV	94186	356173	6.94%	0.820%
14	8.825	675	677	689	rVB3	117416	275070	5.36%	0.633%
15	9.133	702	704	709	rVB	527578	549796	10.71%	1.266%
16	10.482	819	822	824	rBV	1438342	1283440	25.01%	2.954%
17	10.985	864	866	868	rVB	91875	114275	2.23%	0.263%
18	11.145	878	880	882	rBV	418472	405513	7.90%	0.933%
19	11.317	892	895	897	rBV	627965	568980	11.09%	1.310%
20	11.362	897	899	901	rVB	50738	68581	1.34%	0.158%
21	11.579	915	918	921	rBV	29063	53590	1.04%	0.123%
22	11.717	927	930	932	rBV	35727	59559	1.16%	0.137%
23	11.831	937	940	943	rBV2	38455	67764	1.32%	0.156%
24	11.888	943	945	947	rVB	62409	74875	1.46%	0.172%
25	12.002	953	955	959	rVB	90946	127469	2.48%	0.293%
26	12.105	959	964	965	rBV3	33736	74673	1.46%	0.172%
27	12.219	971	974	976	rVB2	95327	143098	2.79%	0.329%
28	12.299	978	981	983	rBV	810491	815945	15.90%	1.878%
29	12.345	983	985	990	rVB	73465	93088	1.81%	0.214%
30	12.459	992	995	997	rBV	60295	101918	1.99%	0.235%
31	12.688	1012	1015	1016	rBV	41923	70019	1.36%	0.161%
32	12.722	1016	1018	1020	rVV	66518	80341	1.57%	0.185%
33	12.791	1022	1024	1026	rVV	37922	60672	1.18%	0.140%
34	12.871	1030	1031	1034	rVV2	46908	55406	1.08%	0.128%

LSC Area Percent Report

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Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.928	1034	1036	1039	rVB2	45610	57438	1.12%	0.132%
36	13.042	1043	1046	1048	rVV	59907	87783	1.71%	0.202%
37	13.168	1054	1057	1058	rBV	590887	575001	11.20%	1.324%
38	13.202	1058	1060	1062	rVV	784245	886418	17.27%	2.040%
39	13.260	1063	1065	1068	rVV	462813	474875	9.25%	1.093%
40	13.305	1068	1069	1072	rVB2	49436	61290	1.19%	0.141%
41	13.465	1082	1083	1084	rVV	70083	52605	1.03%	0.121%
42	13.580	1091	1093	1096	rVB4	61000	90404	1.76%	0.208%
43	13.797	1110	1112	1114	rBV	215738	232259	4.53%	0.535%
44	13.831	1114	1115	1117	rVV	289690	265870	5.18%	0.612%
45	13.865	1117	1118	1119	rVV	180831	164643	3.21%	0.379%
46	13.934	1122	1124	1126	rVV	410068	545674	10.63%	1.256%
47	14.083	1130	1137	1140	rBV6	80837	229446	4.47%	0.528%
48	14.174	1140	1145	1149	rVV4	128955	325561	6.34%	0.749%
49	14.334	1157	1159	1160	rBV	31365	51879	1.01%	0.119%
50	14.357	1160	1161	1163	rVV	74930	83918	1.64%	0.193%
51	14.391	1163	1164	1166	rVV	85871	109994	2.14%	0.253%
52	14.483	1170	1172	1174	rBV	206322	275447	5.37%	0.634%
53	14.528	1174	1176	1180	rVV2	127736	249844	4.87%	0.575%
54	14.585	1180	1181	1184	rVB3	127419	172619	3.36%	0.397%
55	14.688	1187	1190	1192	rBV	1573795	1939012	37.78%	4.463%
56	14.757	1194	1196	1198	rBV3	65581	114819	2.24%	0.264%
57	14.803	1198	1200	1202	rVB	138360	156998	3.06%	0.361%
58	14.848	1202	1204	1207	rBV3	77994	189666	3.70%	0.437%
59	14.963	1211	1214	1216	rBV	1432458	2071983	40.38%	4.769%
60	15.031	1218	1220	1224	rVB2	117958	219866	4.28%	0.506%
61	15.123	1226	1228	1229	rBV	97836	133493	2.60%	0.307%
62	15.168	1229	1232	1234	rVB	903052	1304069	25.41%	3.002%
63	15.248	1235	1239	1241	rBV2	160008	339304	6.61%	0.781%
64	15.374	1245	1250	1253	rVB2	274101	638536	12.44%	1.470%
65	15.466	1256	1258	1260	rBV	284294	335271	6.53%	0.772%
66	15.511	1260	1262	1264	rVV	220950	272956	5.32%	0.628%
67	15.591	1267	1269	1270	rBV2	51410	80072	1.56%	0.184%
68	15.626	1270	1272	1273	rBV	145695	176476	3.44%	0.406%
69	15.660	1273	1275	1278	rBV	180772	194306	3.79%	0.447%
70	15.854	1290	1292	1293	rBV2	63627	100369	1.96%	0.231%
71	16.014	1304	1306	1309	rVB	116180	170437	3.32%	0.392%

LSC Area Percent Report

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Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.094	1311	1313	1315	rVB	60833	57664	1.12%	0.133%
73	16.151	1315	1318	1320	rBV2	170901	326697	6.37%	0.752%
74	16.186	1320	1321	1324	rVV2	128234	222210	4.33%	0.511%
75	16.243	1324	1326	1328	rVV3	247917	366674	7.15%	0.844%
76	16.323	1331	1333	1335	rBV3	202800	279738	5.45%	0.644%
77	16.460	1342	1345	1347	rBV2	1014692	2134620	41.60%	4.913%
78	16.494	1347	1348	1350	rVB	799758	885822	17.26%	2.039%
79	16.723	1366	1368	1370	rBV3	129388	176288	3.44%	0.406%
80	16.951	1386	1388	1390	rBV	180057	316321	6.16%	0.728%
81	16.997	1390	1392	1395	rVV	139494	190032	3.70%	0.437%
82	17.077	1397	1399	1400	rVV2	113325	106392	2.07%	0.245%
83	17.111	1400	1402	1407	rVV5	233905	449194	8.75%	1.034%
84	17.489	1433	1435	1437	rBV2	134254	227780	4.44%	0.524%
85	17.740	1454	1457	1462	rBV	870015	1898086	36.99%	4.369%
86	17.854	1465	1467	1471	rVB2	213402	294704	5.74%	0.678%
87	18.071	1483	1486	1489	rVB	559289	819076	15.96%	1.885%
88	18.140	1489	1492	1495	rBV	703741	1088485	21.21%	2.505%
89	18.197	1495	1497	1499	rBV	319351	525221	10.23%	1.209%
90	18.231	1499	1500	1504	rVB2	234938	364411	7.10%	0.839%
91	19.786	1633	1636	1641	rVB2	367919	876412	17.08%	2.017%
92	20.255	1674	1677	1683	rVB	318354	664162	12.94%	1.529%

Sum of corrected areas: 43444687

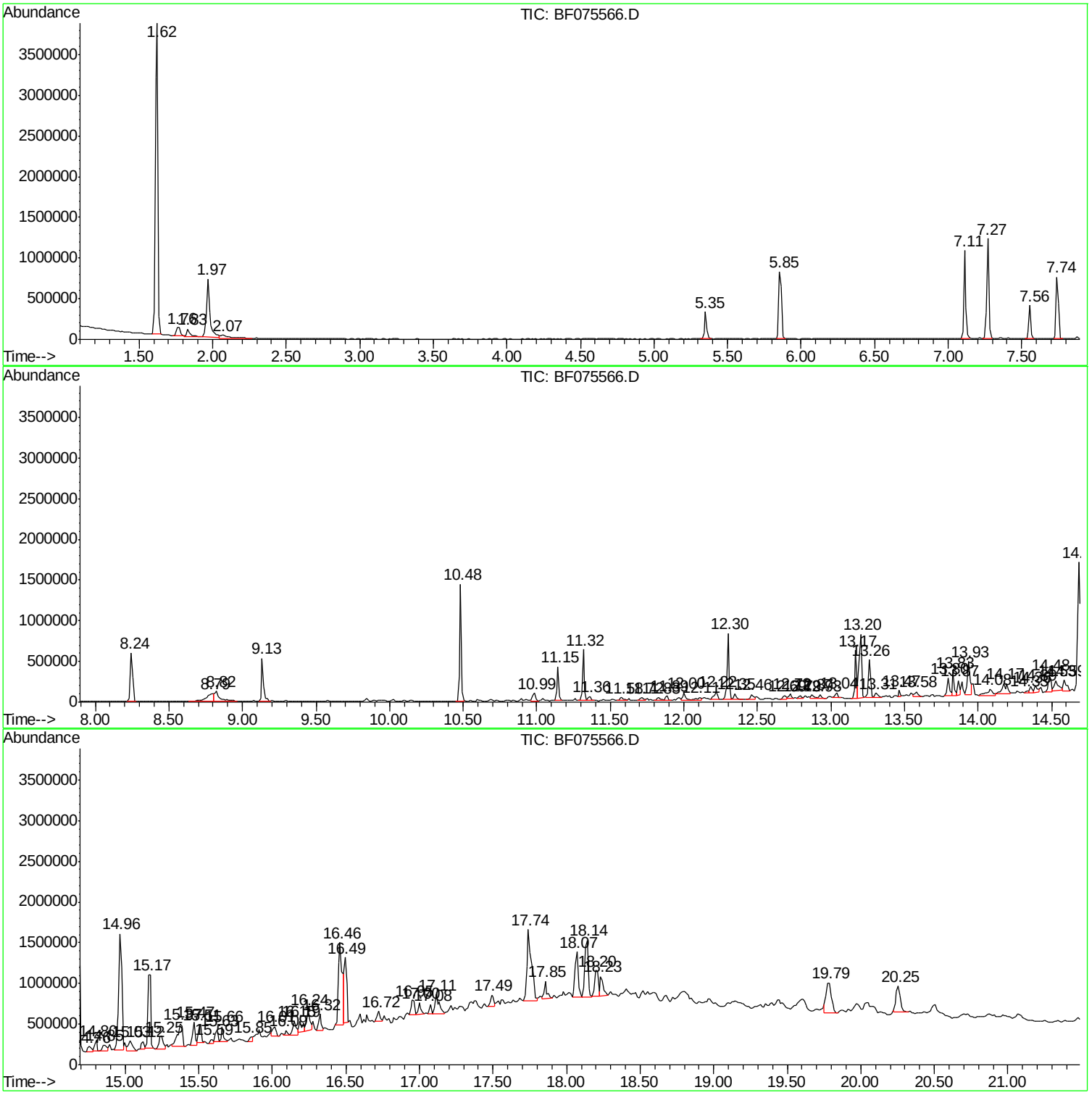
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

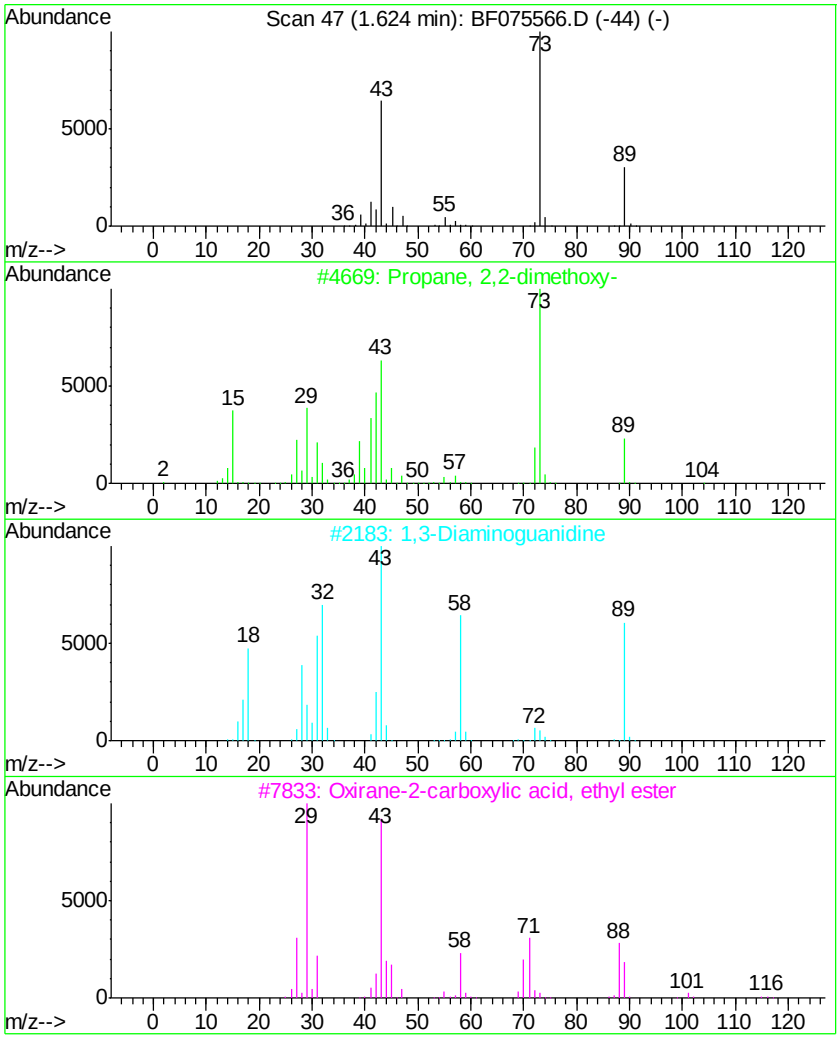
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

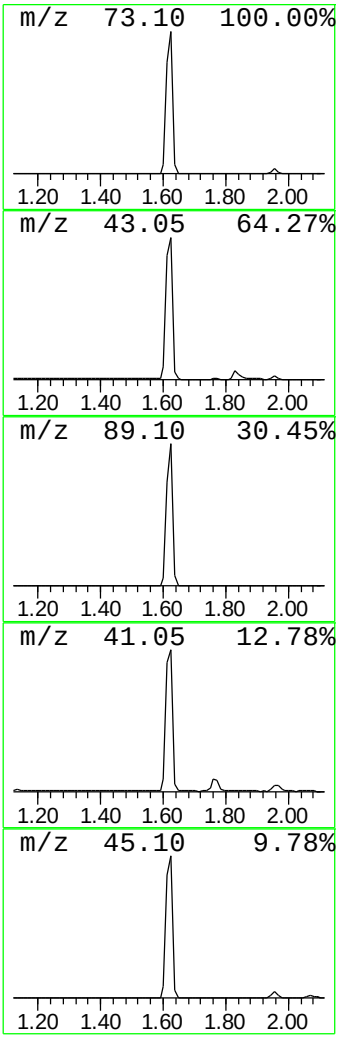
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	283.48 ng	5131710	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Oxirane-2-carboxylic acid, ethyl...	116	C5H8O3	1000192-50-3	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

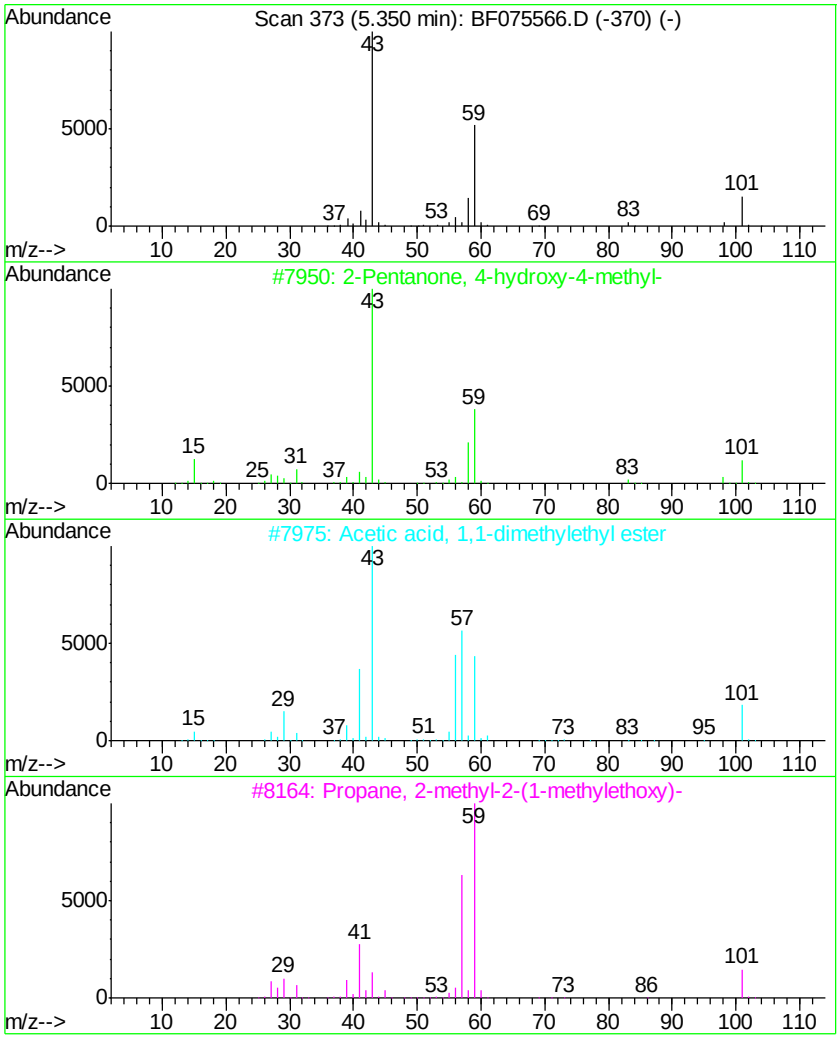
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

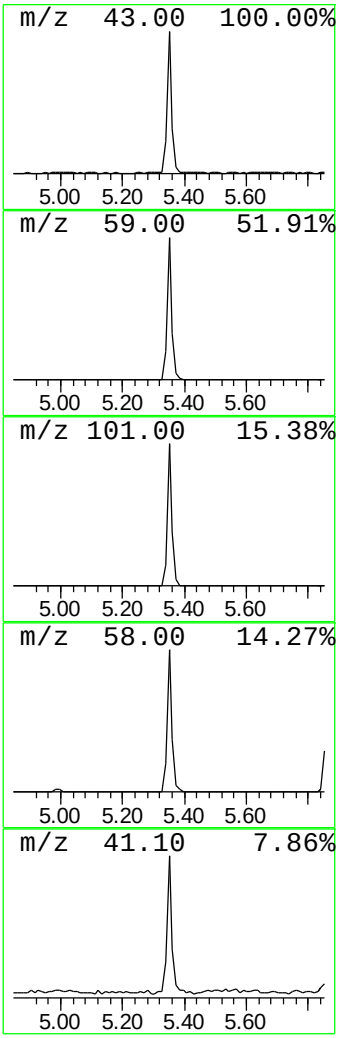
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	20.00 ng	361987	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Library Search Compound Report

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Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

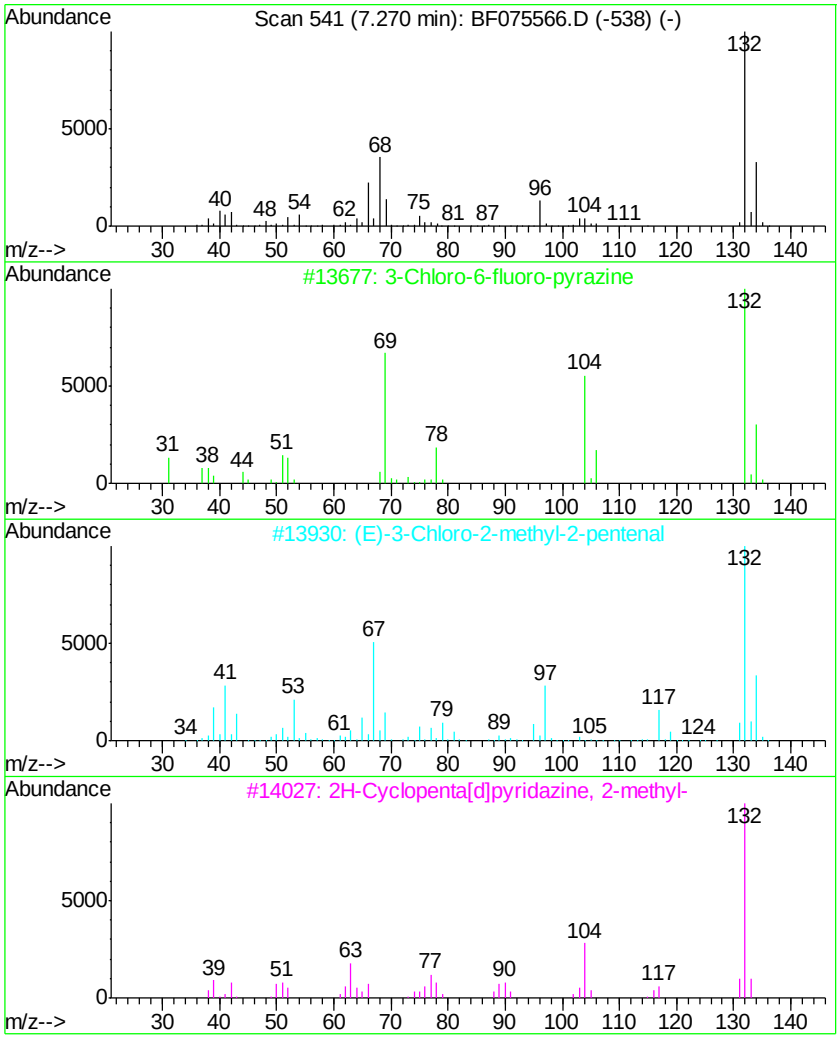
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

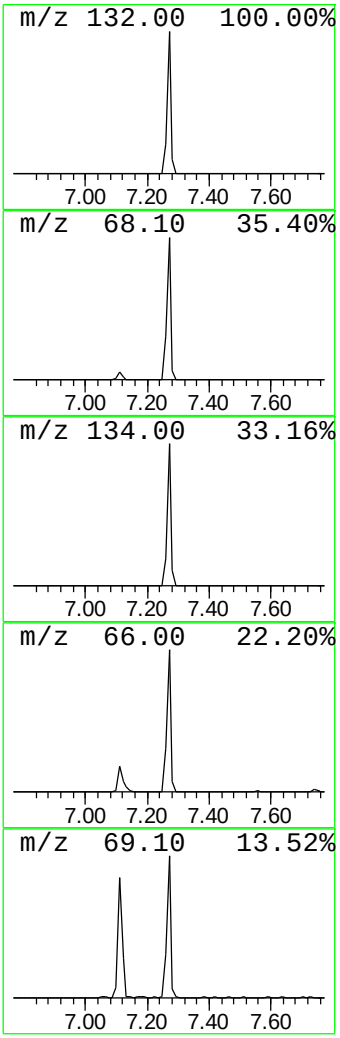
****

Peak Number 7 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	62.80 ng	1136880	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

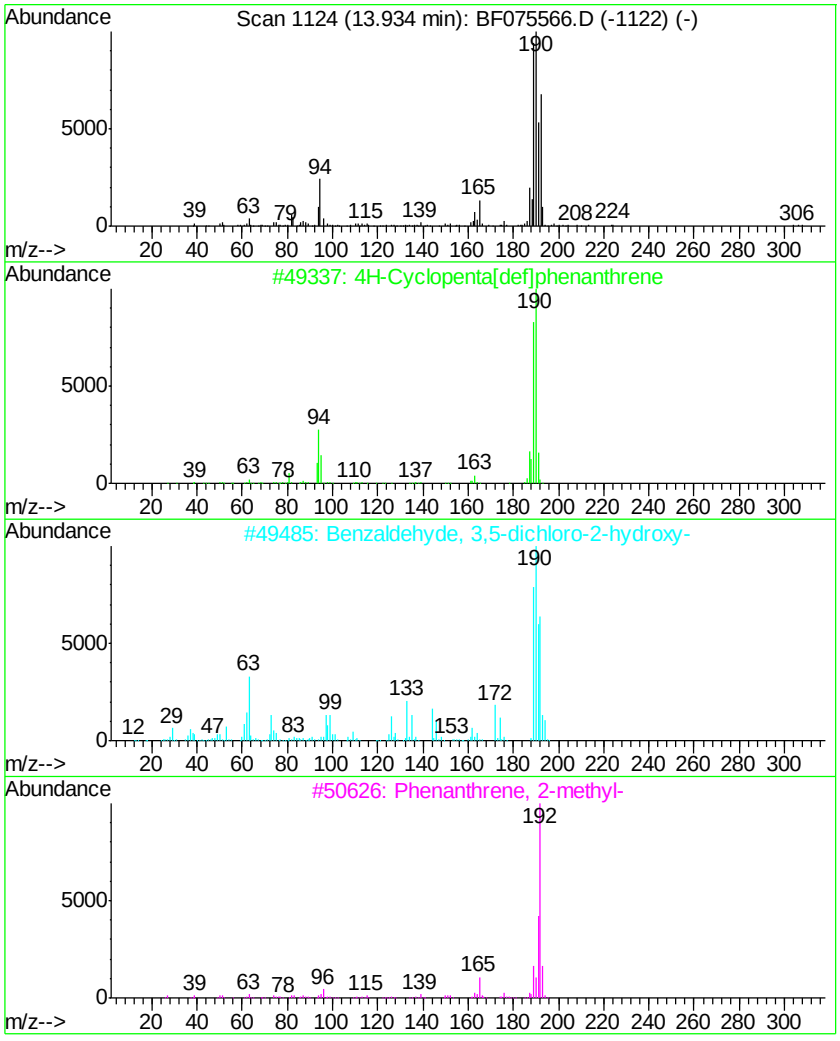
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

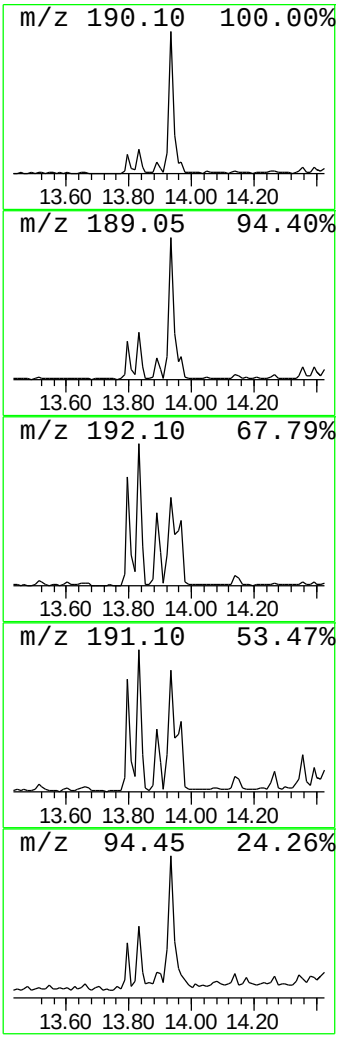
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	18.98 ng	545674	Phenanthrene-d10	13.17

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	50
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

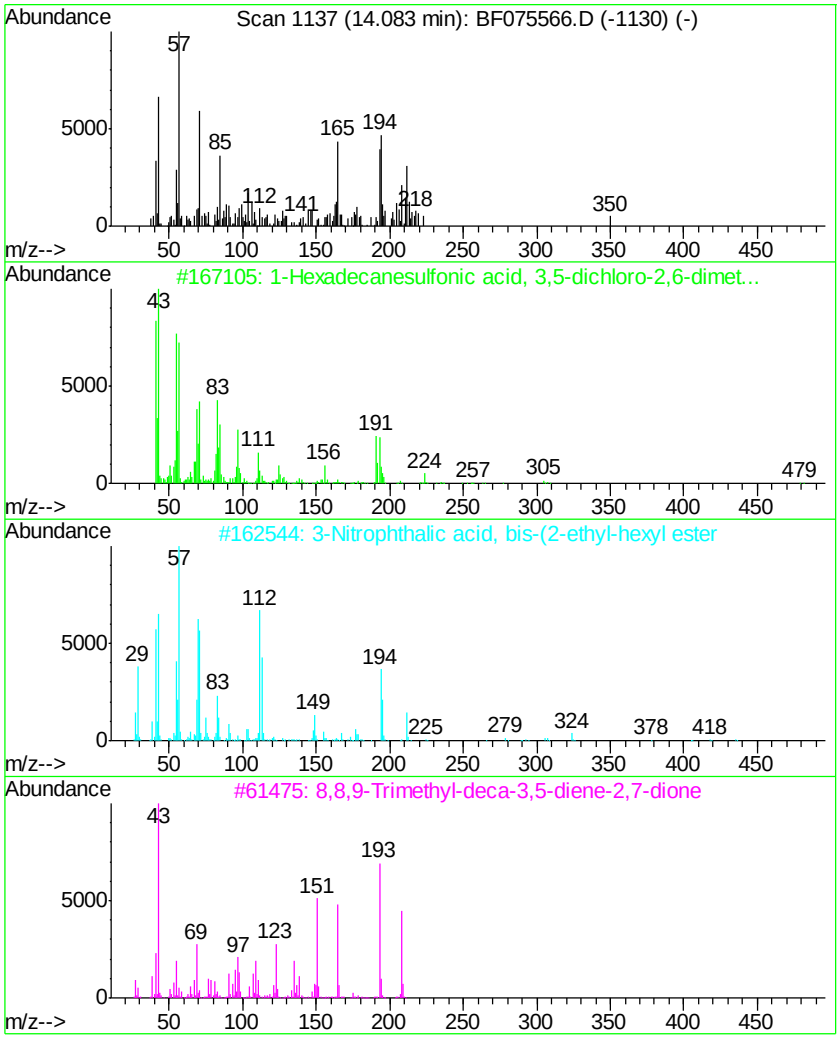
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

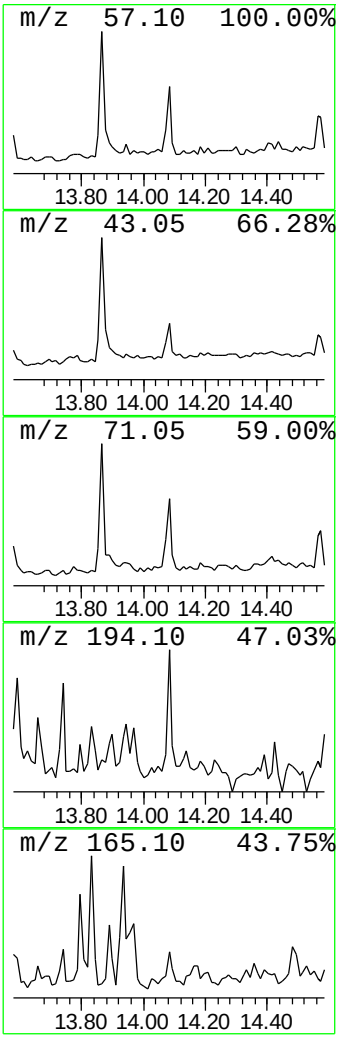
****

Peak Number 12 unknown14.08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	7.98 ng	229446	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonic acid, 3,5-d...	479	C23H39Cl2NO3S	040220-85-7	17
2	3-Nitrophthalic acid, bis-(2-eth...	435	C24H37NO6	212896-24-7	16
3	8,8,9-Trimethyl-deca-3,5-diene-2...	208	C13H20O2	1000194-25-9	12
4	Phosphinous chloride, bis(2,2-di...	208	C10H22ClP	057620-66-3	12
5	Cyclohexane, 1-bromo-2-methoxy-,...	192	C7H13BrO	005927-93-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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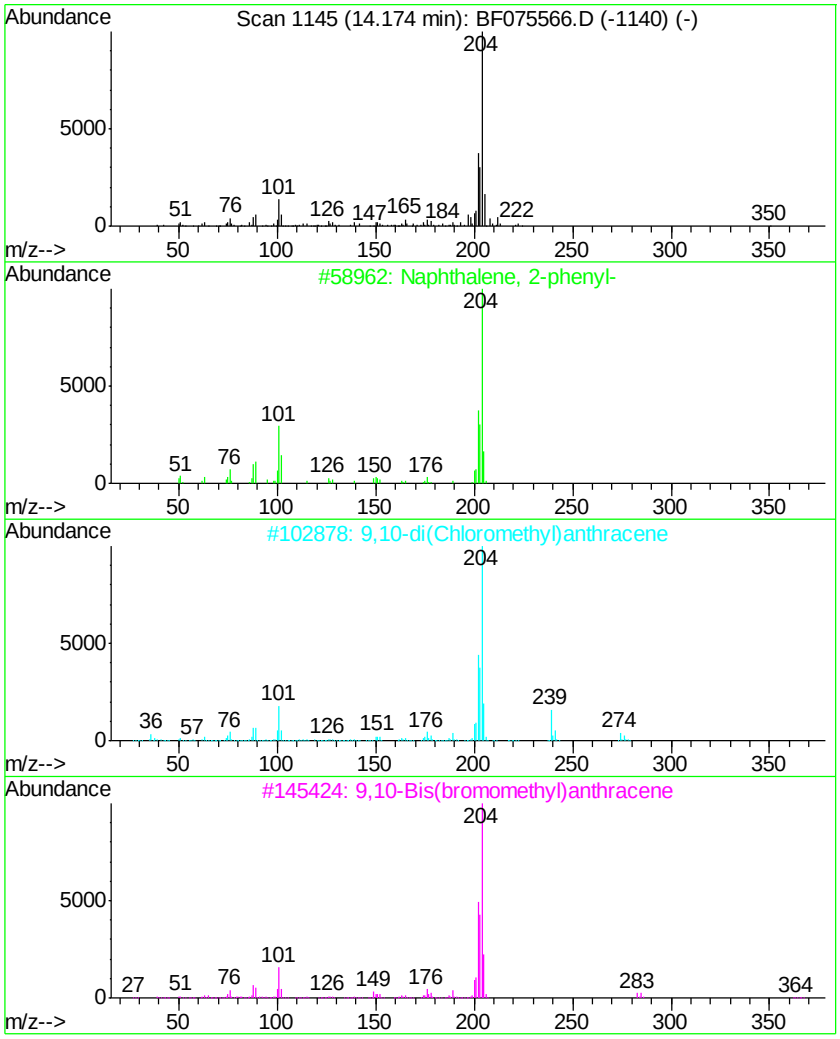
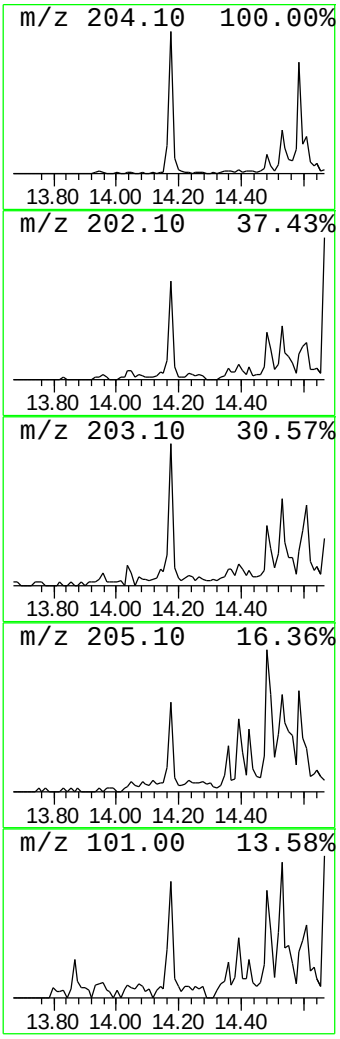
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	11.32 ng	325561	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





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Data File : BF075566.D
Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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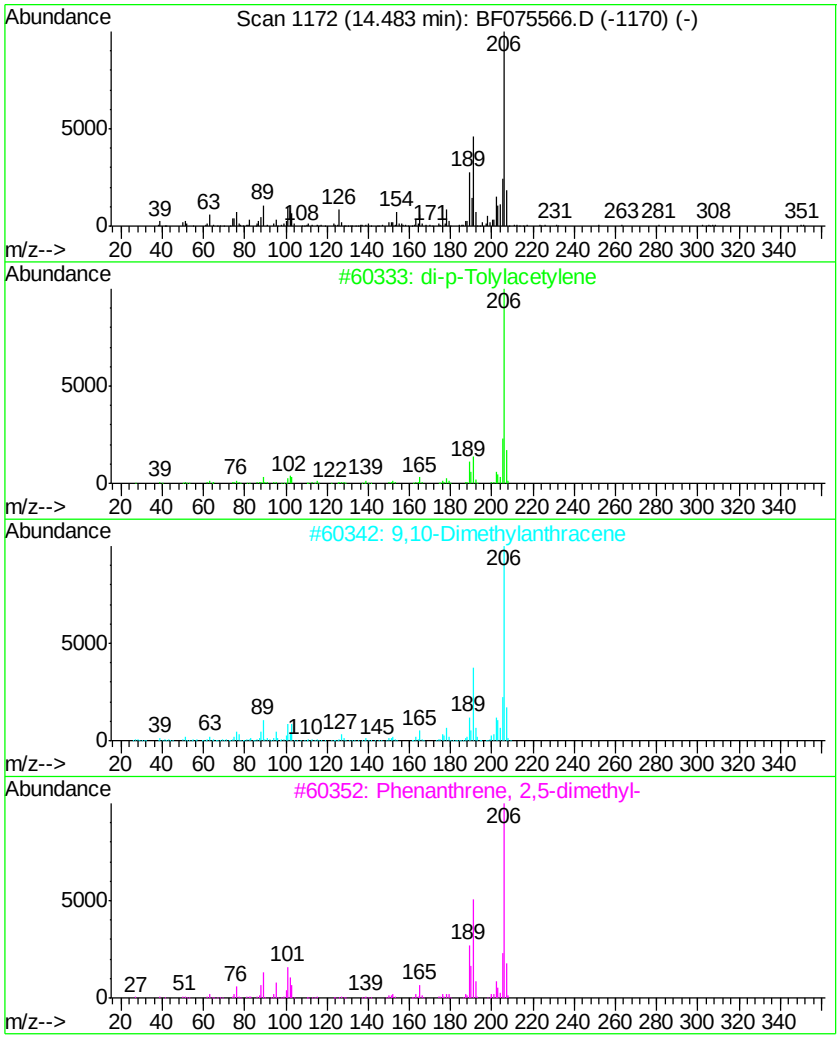
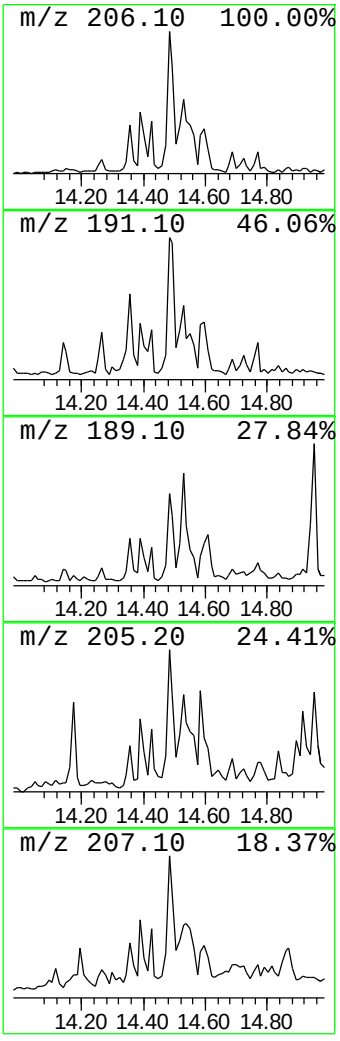
Peak Number 14 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	9.58 ng	275447	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83





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Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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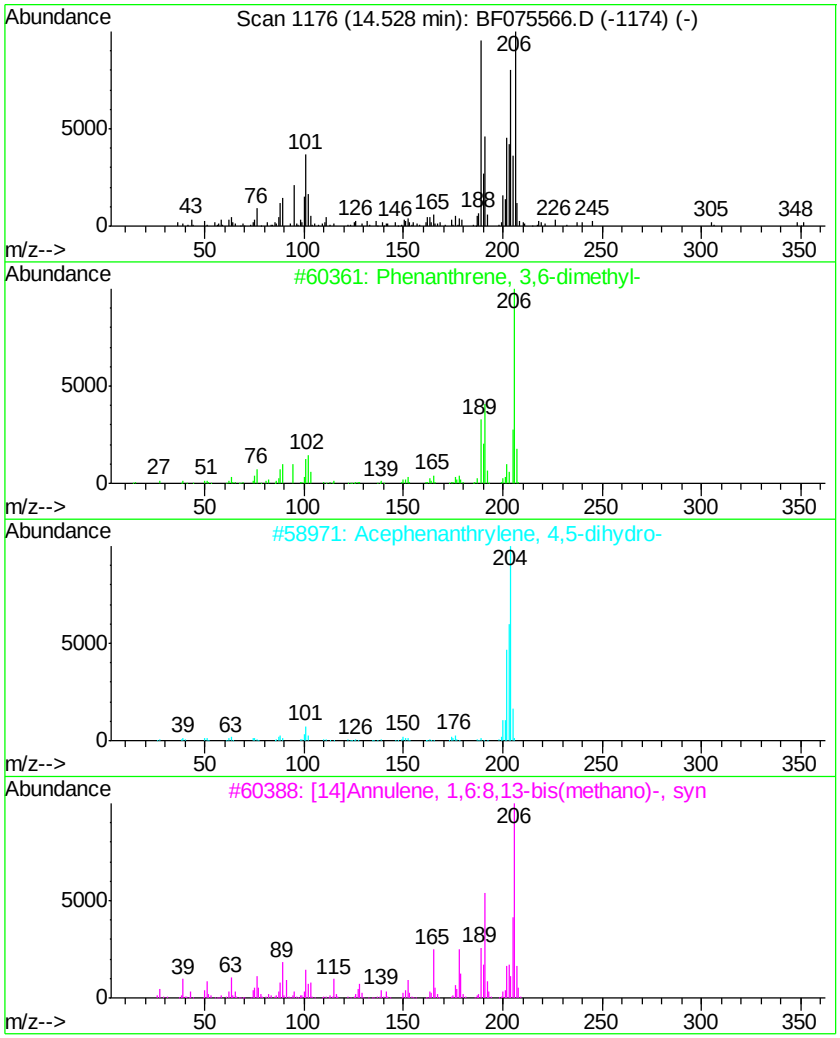
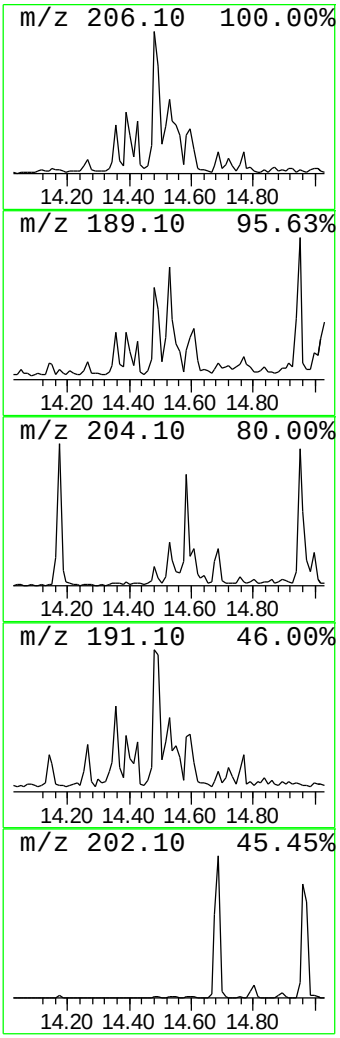
Peak Number 15 unknown14.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	8.69 ng	249844	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





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Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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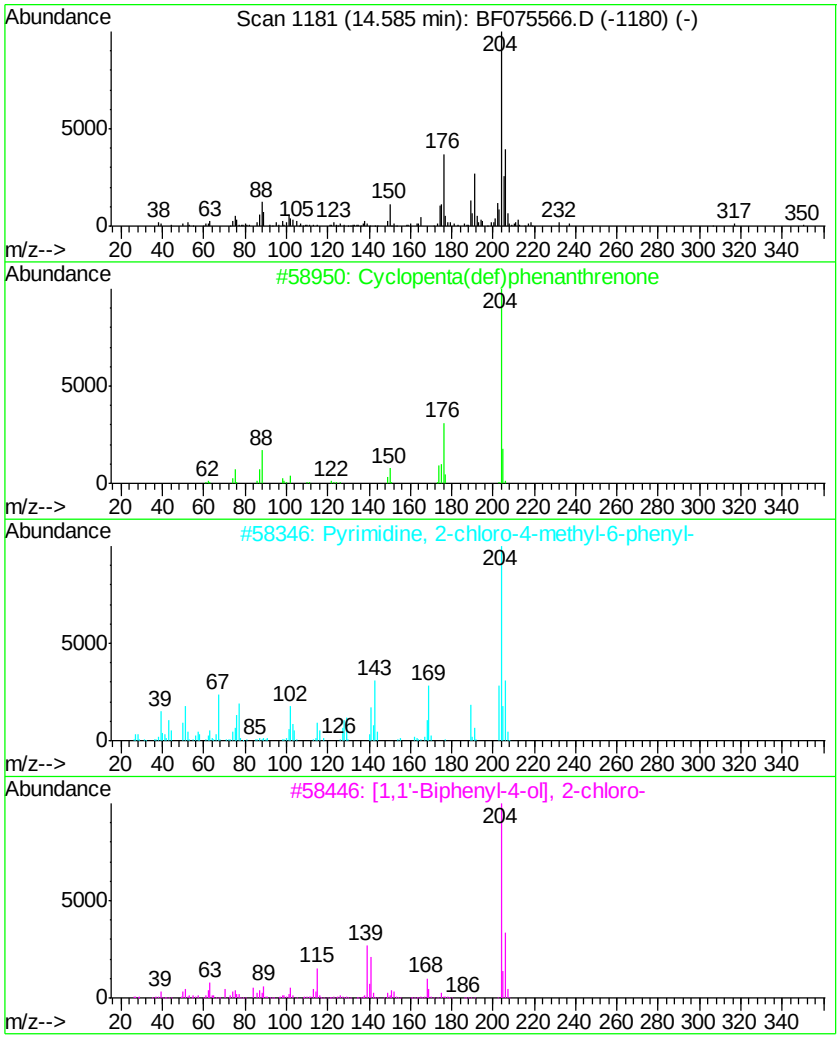
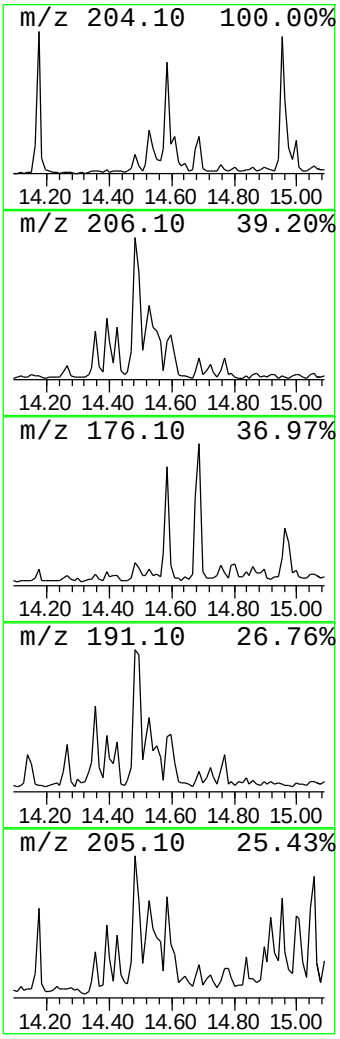
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	6.00 ng	172619	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	47
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	47
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47





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Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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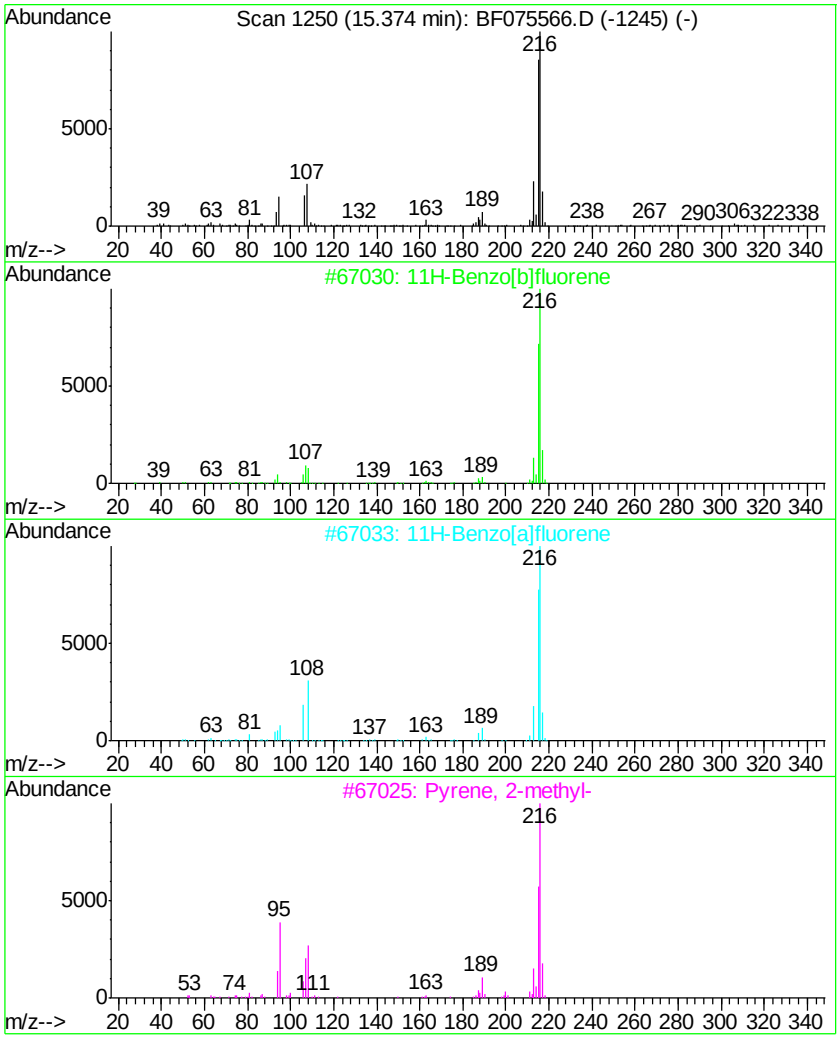
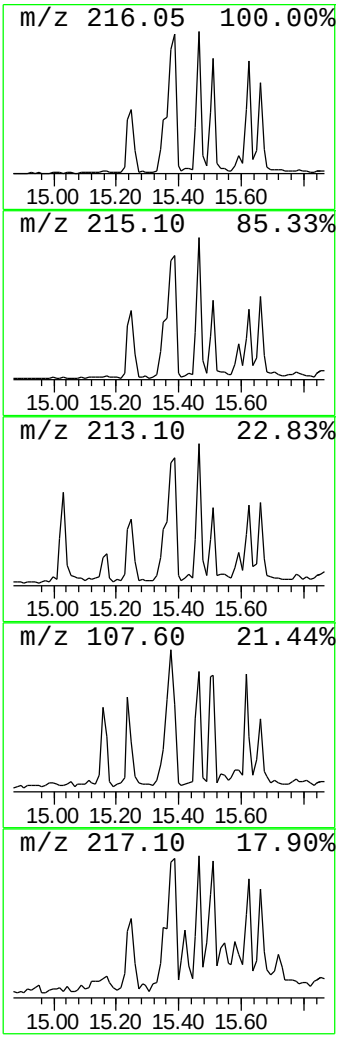
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.98 ng	638536	Chrysene-d12	16.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 16 Nov 2014 3:04
Operator : TP / JJ
Sample : F4713-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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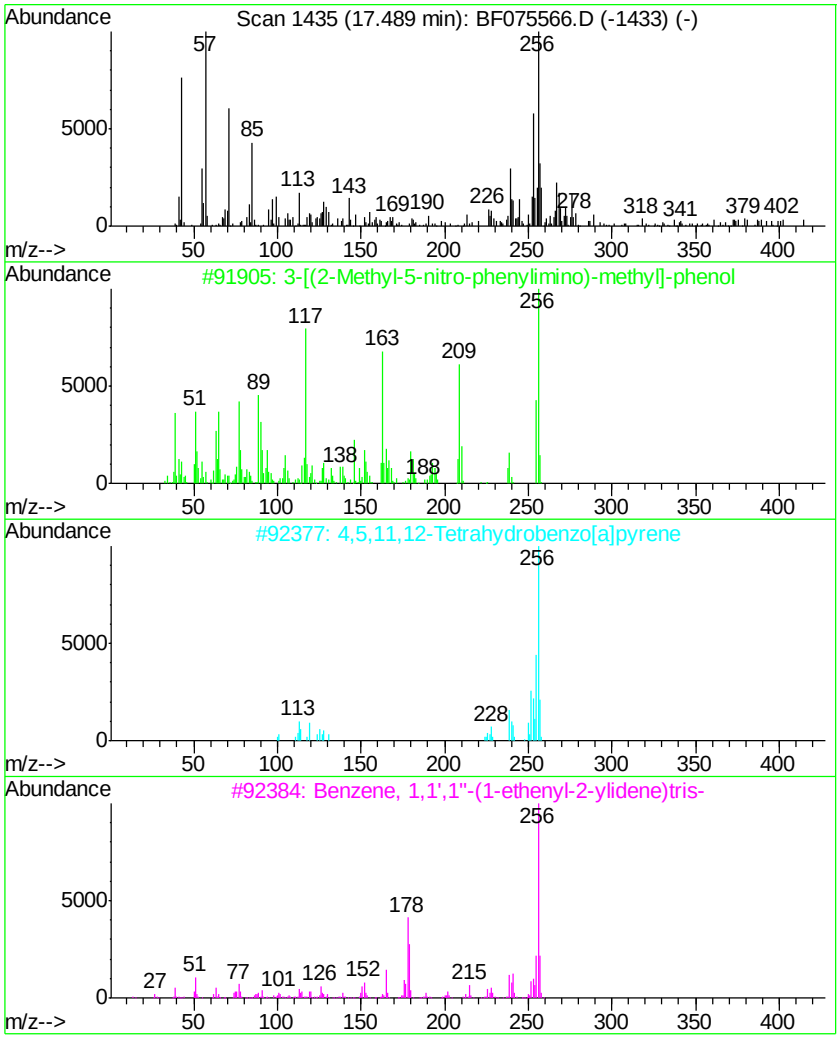
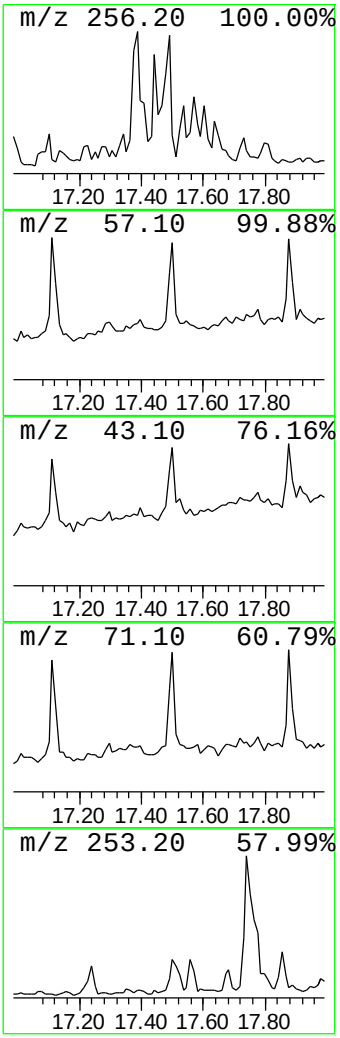
Peak Number 18 unknown17.49 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	8.67 ng	227780	Perylene-d12	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[(2-Methyl-5-nitro-phenylimino...	256	C14H12N2O3	1000297-24-5	35
2	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	30
3	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	30
4	trans-4-Fluoro-4'-methoxychalcone	256	C16H13FO2	102692-37-5	25
5	Phenol, 4-methyl-2-[5-(2-thienyl...	256	C14H12N2OS	309923-49-7	25





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ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(4-5)

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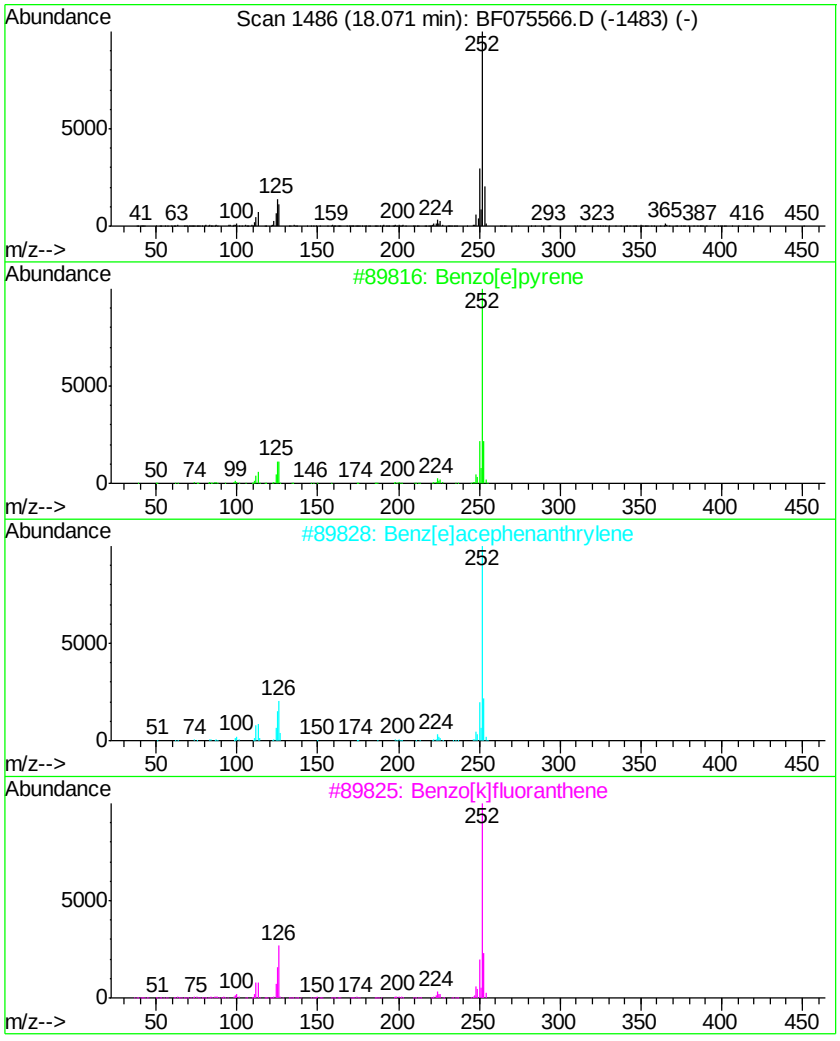
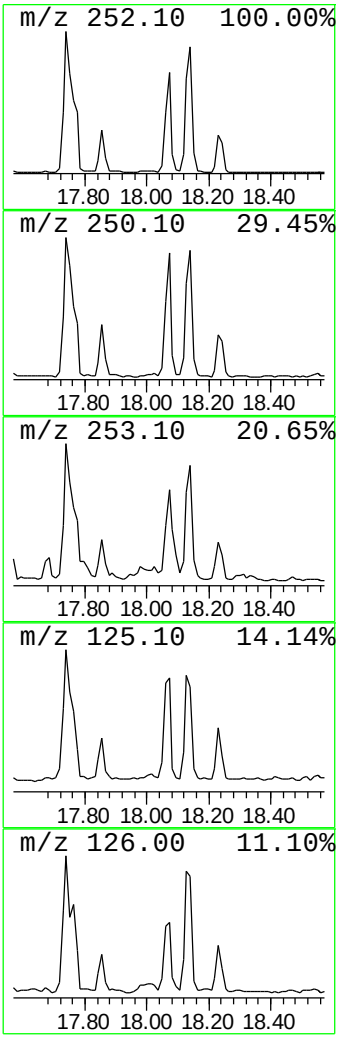
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	31.19 ng	819076	Perylene-d12	18.21

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	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Operator : TP / JJ
Sample : F4713-02
Misc :
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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, 2,2-dime...	1.62	283.5	ng	5131710	1	7.56	362050	20.0
2-Pentanone, 4-hy...	5.35	20.0	ng	361987	1	7.56	362050	20.0
unknown7.27	7.27	62.8	ng	1136880	1	7.56	362050	20.0
4H-Cyclopenta[def...	13.93	19.0	ng	545674	4	13.17	575001	20.0
unknown14.08	14.08	8.0	ng	229446	4	13.17	575001	20.0
Naphthalene, 2-ph...	14.17	11.3	ng	325561	4	13.17	575001	20.0
di-p-Tolylacetylene	14.48	9.6	ng	275447	4	13.17	575001	20.0
unknown14.53	14.53	8.7	ng	249844	4	13.17	575001	20.0
Cyclopenta(def)ph...	14.59	6.0	ng	172619	4	13.17	575001	20.0
11H-Benzo[b]fluorene	15.37	6.0	ng	638536	5	16.47	2134620	20.0
unknown17.49	17.49	8.7	ng	227780	6	18.21	525221	20.0
Benzo[e]pyrene	18.07	31.2	ng	819076	6	18.21	525221	20.0