LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	260	263	268	rBV	553117	719881	16.80%	1.094%
2	5.516	297	300	302	rVB	2242644	2318782	54.12%	3.524%
3	6.533	386	389	392	rVB	1669026	2536025	59.19%	3.854%
4	6.670	398	401	404	rBV	2215113	2359311	55.06%	3.585%
5	6.899	419	421	424	rBV	613270	562945	13.14%	0.855%
6	7.059	433	435	437	rVB	2106136	1896726	44.27%	2.882%
7	7.459	467	470	473	rBV	1117418	1603706	37.43%	2.437%
8	8.190	531	534	537	rVV	718948	936232	21.85%	1.423%
9	8.636	570	573	576	rVB3	35310	102193	2.39%	0.155%
10	8.830	585	590	593	rVV6	30452	103854	2.42%	0.158%
11	8.899	593	596	598	rVB2	85952	99161	2.31%	0.151%
12	9.002	601	605	606	rBV	167520	188560	4.40%	0.287%
13	9.265	625	628	630	rVB	2982985	2696169	62.93%	4.097%
14	9.356	633	636	638	rBV2	70702	120823	2.82%	0.184%
15	9.459	644	645	648	rVB2	72861	101462	2.37%	0.154%
16	9.528	648	651	653	rBV	126200	193420	4.51%	0.294%
17	9.596	655	657	661	rVV	164172	326253	7.61%	0.496%
18	9.653	661	662	665	rVB2	402765	482445	11.26%	0.733%
19	9.722	665	668	670	rBV	121877	193501	4.52%	0.294%
20	9.802	673	675	677	rBV	610716	501152	11.70%	0.762%
21	9.939	684	687	689	rBV2	804182	886292	20.69%	1.347%
22	9.973	689	690	692	rVB	321193	249377	5.82%	0.379%
23	10.145	703	705	707	rVB	283031	239203	5.58%	0.363%
24	10.191	707	709	713	rVB3	95831	176815	4.13%	0.269%
25	10.259	713	715	716	rBV2	186808	209408	4.89%	0.318%
26	10.351	721	723	725	rBV2	123428	215028	5.02%	0.327%
27	10.396	725	727	728	rVB2	95547	104208	2.43%	0.158%
28	10.442	728	731	733	rBV4	53874	113931	2.66%	0.173%
29	10.488	733	735	738	rVB	455893	468475	10.93%	0.712%
30	10.556	738	741	743	rBV2	104122	260505	6.08%	0.396%
31	10.602	743	745	747	rVB	191145	154150	3.60%	0.234%
32	10.648	747	749	752	rVB3	161631	189387	4.42%	0.288%
33	10.728	753	756	758	rVB	1538775	1688467	39.41%	2.566%
34	10.854	765	767	771	rVB2	199597	328364	7.66%	0.499%

LSC Area Percent Report

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Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.036	781	783	784	rBV	204392	268183	6.26%	0.408%
36	11.116	789	790	792	rVB	203393	182042	4.25%	0.277%
37	11.185	792	796	799	rBV4	192716	435568	10.17%	0.662%
38	11.231	799	800	802	rVB2	106597	119204	2.78%	0.181%
39	11.276	802	804	805	rBV	127293	141284	3.30%	0.215%
40	11.322	806	808	811	rVB2	277415	373549	8.72%	0.568%
41	11.459	815	820	821	rBV2	1783482	3202051	74.73%	4.866%
42	11.505	821	824	825	rVB	1023523	1005313	23.46%	1.528%
43	11.539	825	827	828	rBV	120974	151752	3.54%	0.231%
44	11.722	841	843	844	rVB	192041	155614	3.63%	0.236%
45	11.756	844	846	852	rVB3	220376	311928	7.28%	0.474%
46	11.836	852	853	855	rVB	119378	120169	2.80%	0.183%
47	11.928	859	861	862	rBV	510958	453820	10.59%	0.690%
48	11.951	862	863	866	rVB	425573	492644	11.50%	0.749%
49	12.008	866	868	869	rBV	375698	446566	10.42%	0.679%
50	12.042	869	871	875	rVB2	1274033	1725647	40.28%	2.622%
51	12.134	875	879	880	rBV4	82095	155908	3.64%	0.237%
52	12.225	883	887	888	rBV	437785	525900	12.27%	0.799%
53	12.374	897	900	901	rBV2	202384	258766	6.04%	0.393%
54	12.431	901	905	906	rVB2	145241	328730	7.67%	0.500%
55	12.477	906	909	911	rBV	465162	698718	16.31%	1.062%
56	12.522	911	913	915	rVV	374397	587811	13.72%	0.893%
57	12.579	915	918	921	rVV3	194650	368332	8.60%	0.560%
58	12.648	921	924	926	rVV	3347349	3490660	81.47%	5.304%
59	12.682	926	927	930	rVV3	164689	289934	6.77%	0.441%
60	12.728	930	931	933	rVB	365001	463511	10.82%	0.704%
61	12.808	933	938	940	rBV3	149222	326707	7.63%	0.496%
62	12.877	940	944	946	rVV	3119594	4284645	100.00%	6.511%
63	12.922	946	948	950	rVB2	151533	240998	5.62%	0.366%
64	12.979	951	953	954	rBV	182653	208560	4.87%	0.317%
65	13.014	954	956	958	rVV	2244373	2300403	53.69%	3.496%
66	13.082	959	962	966	rVB3	335879	605157	14.12%	0.920%
67	13.197	968	972	974	rVB	946557	1212010	28.29%	1.842%
68	13.265	974	978	979	rBV	729786	862123	20.12%	1.310%
69	13.299	979	981	983	rVV	575592	584120	13.63%	0.888%
70	13.391	985	989	990	rBV	475065	688411	16.07%	1.046%
71	13.425	990	992	994	rVB	335396	407569	9.51%	0.619%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.597	1003	1007	1012	rBV5	175866	493630	11.52%	0.750%
73	13.677	1012	1014	1015	rBV	159221	243062	5.67%	0.369%
74	13.814	1023	1026	1027	rBV2	184423	326388	7.62%	0.496%
75	13.837	1027	1028	1029	rVV	395629	323144	7.54%	0.491%
76	13.905	1032	1034	1038	rVB4	186015	299561	6.99%	0.455%
77	14.054	1044	1047	1049	rBV2	1850603	2708300	63.21%	4.116%
78	14.088	1049	1050	1054	rVB	1416860	1220771	28.49%	1.855%
79	14.168	1054	1057	1058	rBV2	392512	408466	9.53%	0.621%
80	14.202	1058	1060	1061	rVV	87589	87508	2.04%	0.133%
81	14.282	1065	1067	1069	rBV2	89254	172566	4.03%	0.262%
82	14.408	1077	1078	1079	rBV	98545	96436	2.25%	0.147%
83	14.442	1079	1081	1083	rVV	329304	422789	9.87%	0.642%
84	14.477	1083	1084	1086	rVB	214850	170651	3.98%	0.259%
85	14.534	1086	1089	1091	rBV3	207412	353020	8.24%	0.536%
86	14.591	1091	1094	1096	rVV2	303919	477396	11.14%	0.725%
87	14.637	1096	1098	1100	rVB2	130651	187512	4.38%	0.285%
88	14.991	1127	1129	1135	rVB3	69152	138198	3.23%	0.210%
89	15.094	1135	1138	1142	rVV	772053	1629034	38.02%	2.476%
90	15.197	1145	1147	1149	rVB	188395	251960	5.88%	0.383%
91	15.380	1161	1163	1166	rVB	480279	634312	14.80%	0.964%
92	15.448	1166	1169	1171	rVV	830143	1077829	25.16%	1.638%
93	15.505	1171	1174	1175	rVV	340562	464095	10.83%	0.705%
94	15.528	1175	1176	1180	rVB2	185861	307496	7.18%	0.467%
95	16.054	1220	1222	1224	rVB	76711	103295	2.41%	0.157%
96	16.934	1295	1299	1302	rVB2	276645	516187	12.05%	0.784%
97	17.003	1303	1305	1310	rVB	48244	88618	2.07%	0.135%
98	17.106	1311	1314	1316	rBV	52014	93481	2.18%	0.142%
99	17.368	1333	1337	1345	rVB	192946	468139	10.93%	0.711%
100	17.586	1353	1356	1364	rVB	93172	241342	5.63%	0.367%

Sum of corrected areas: 65805704

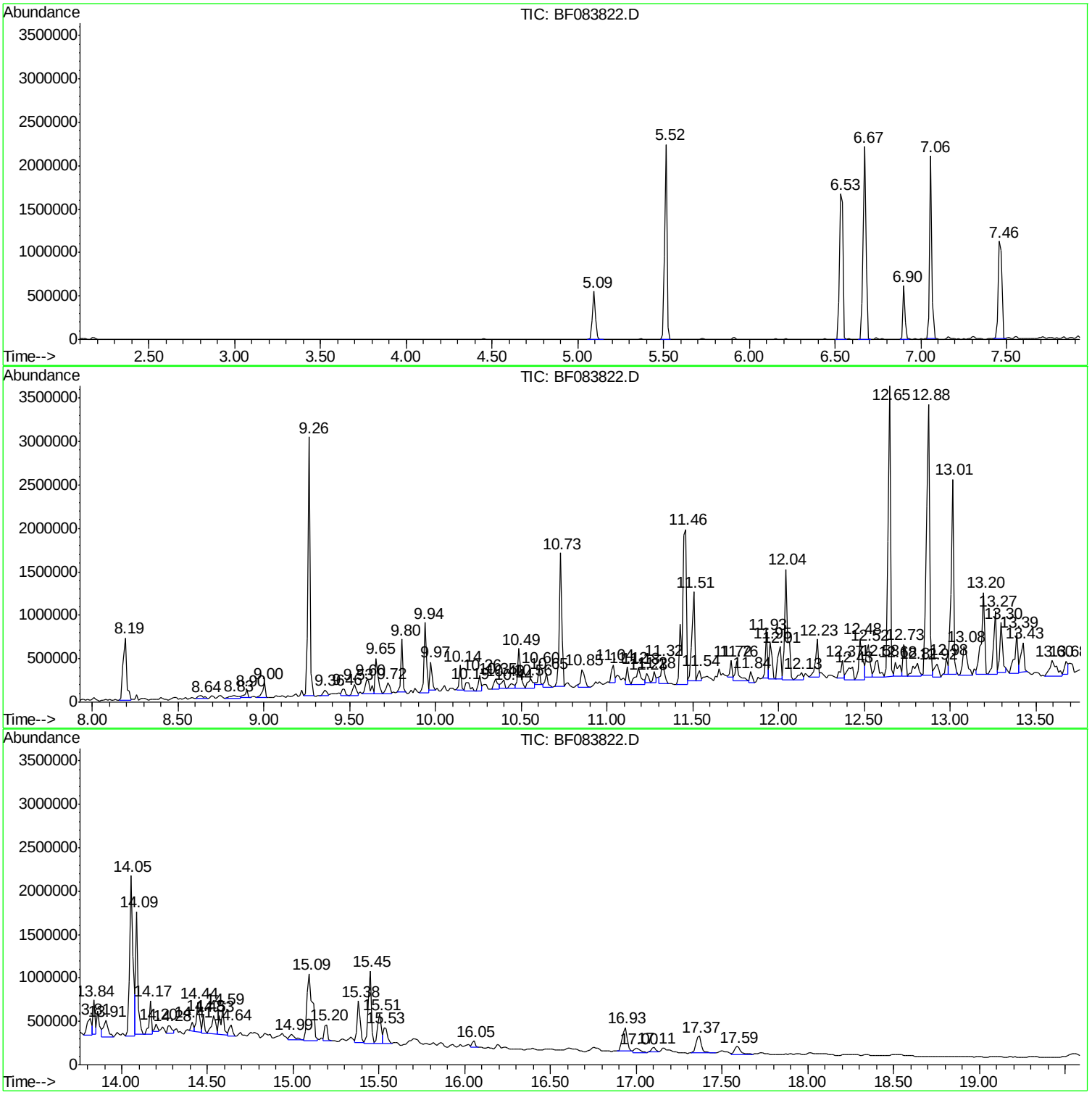
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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 : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

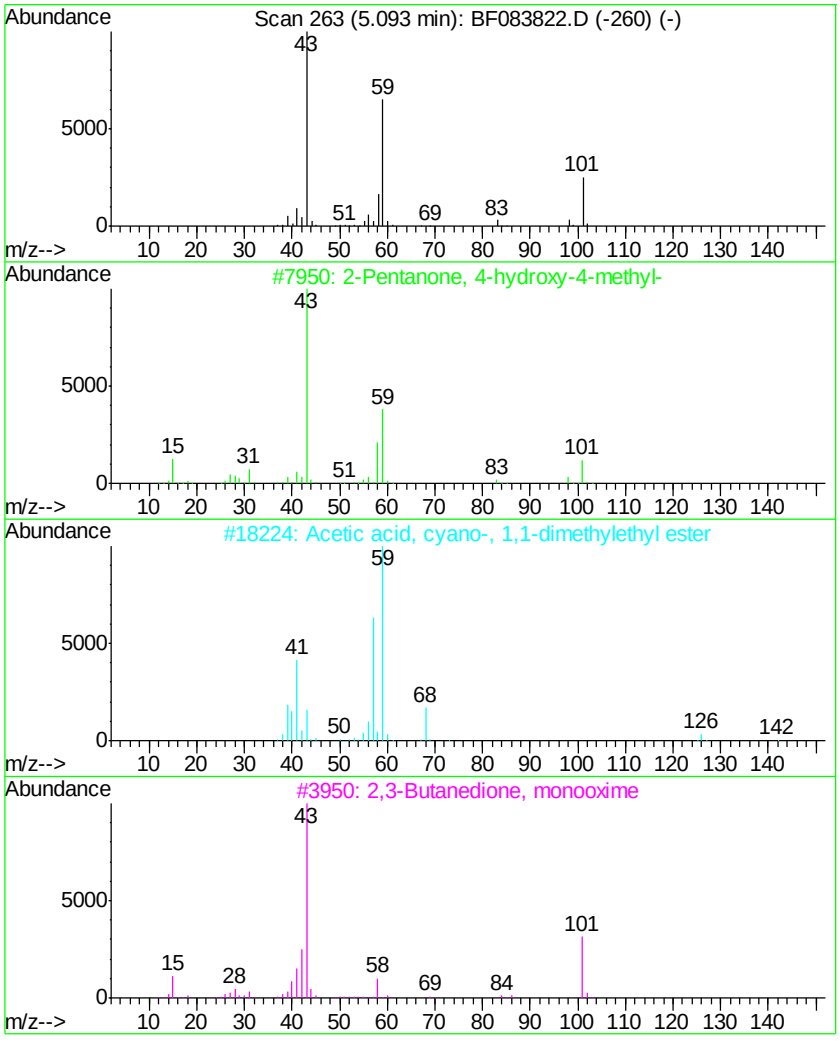
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

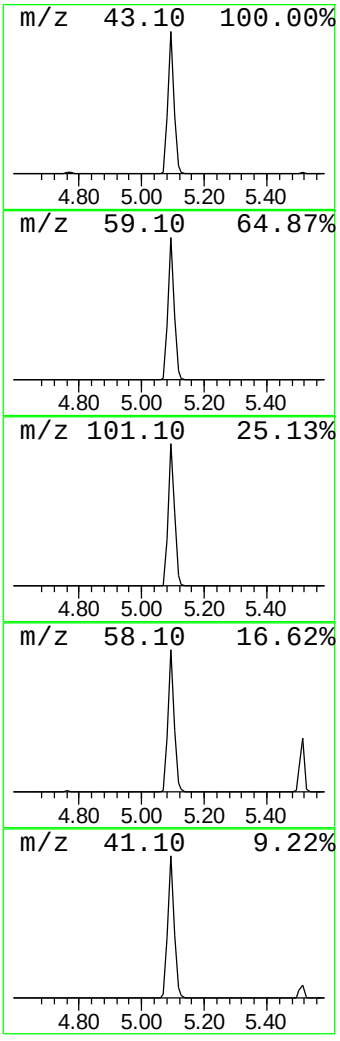
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	25.58 ng	719881	1,4-Dichlorobenzene-d4	6.90

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

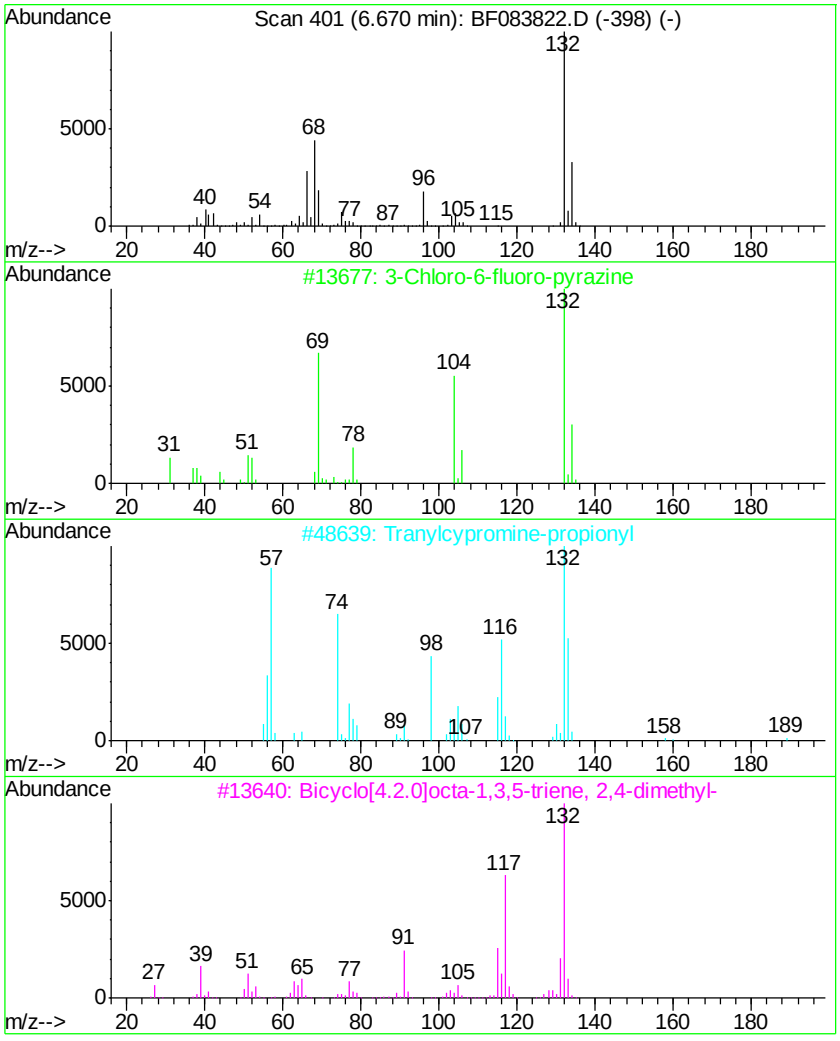
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

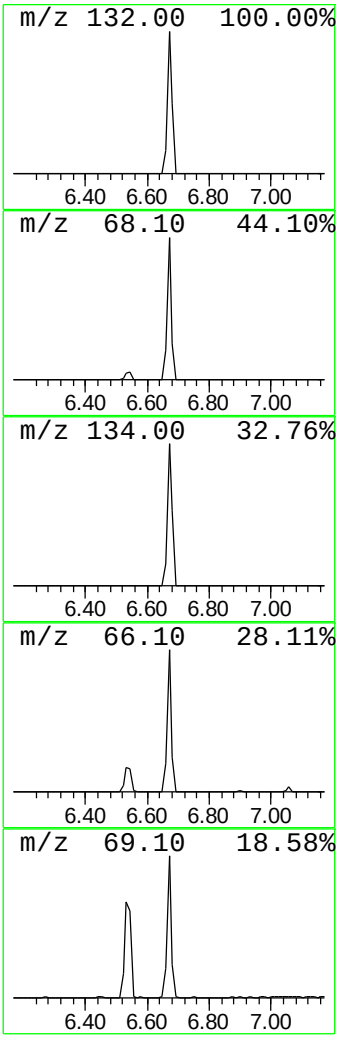
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	83.82 ng	2359310	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : G4739-09
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Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

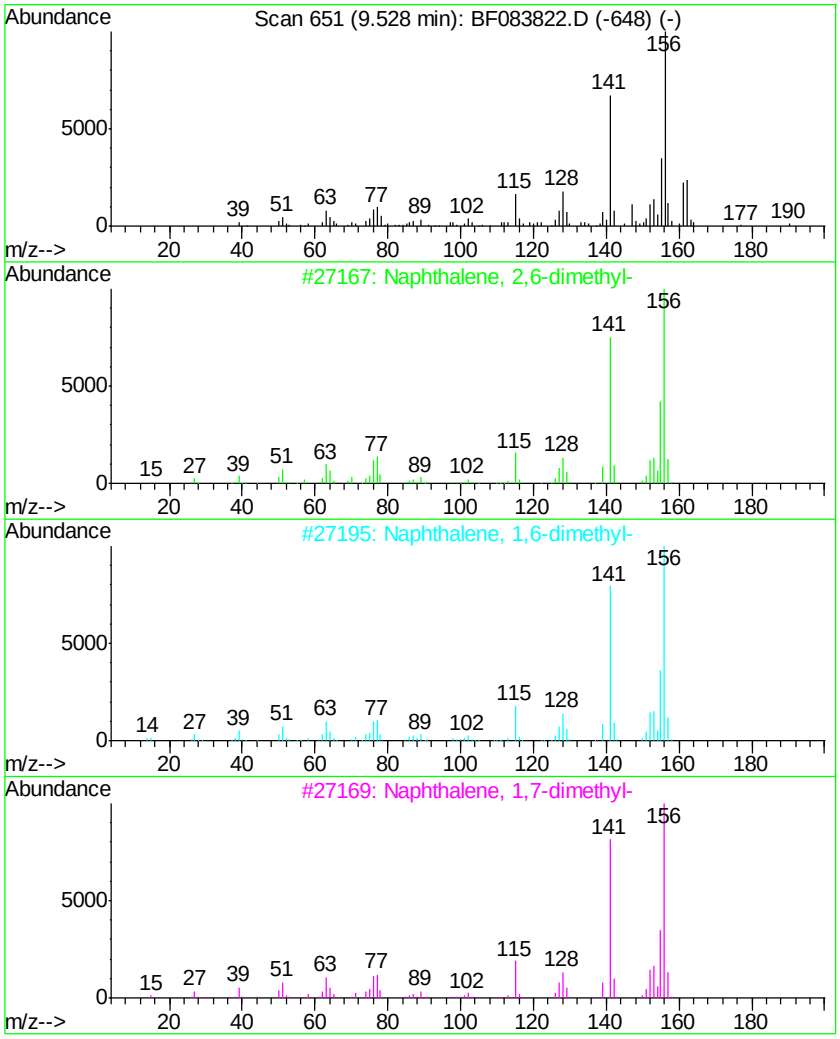
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

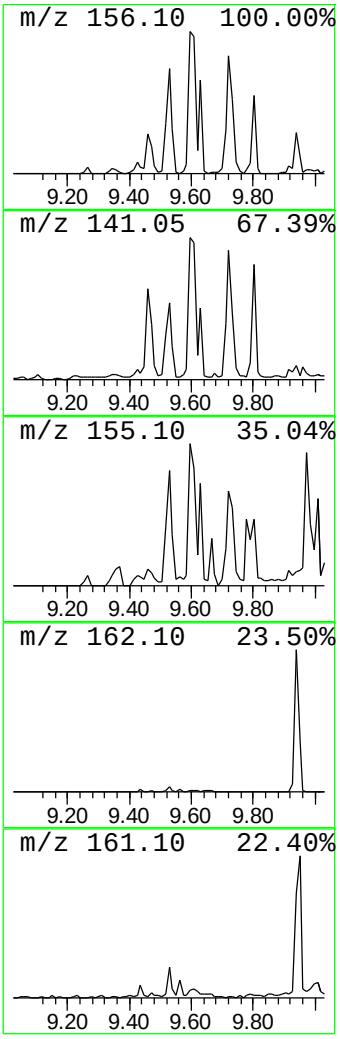
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	4.36 ng	193420	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

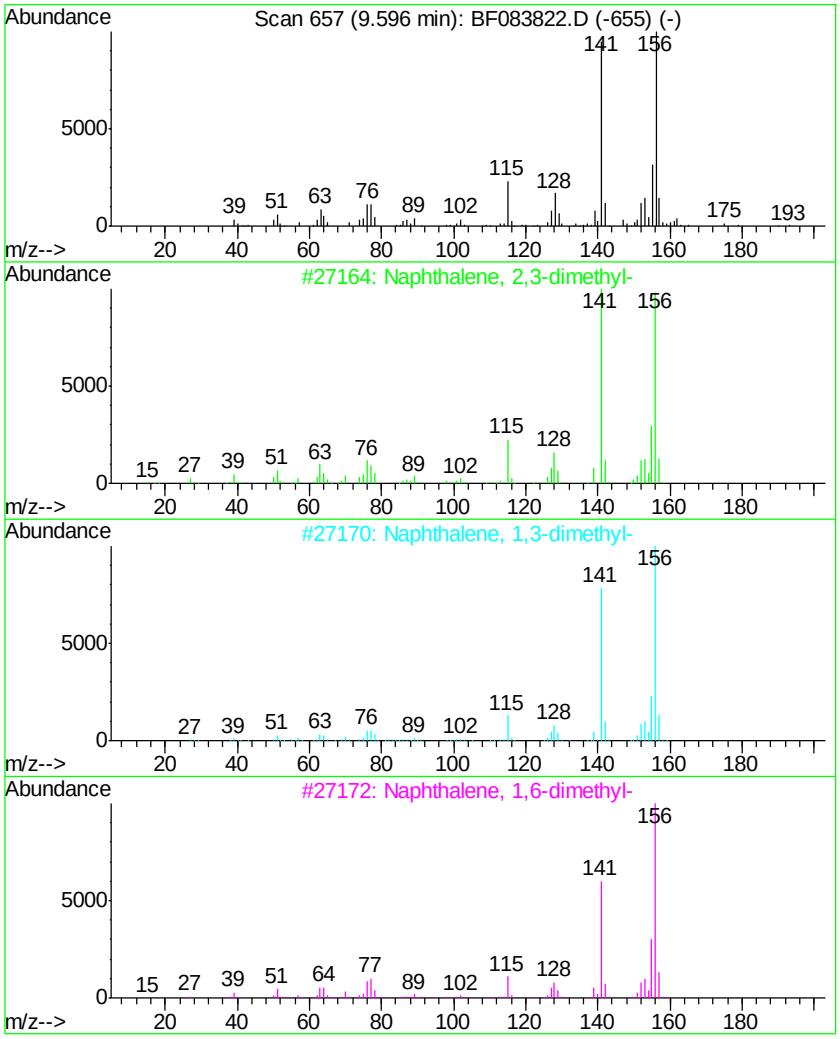
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

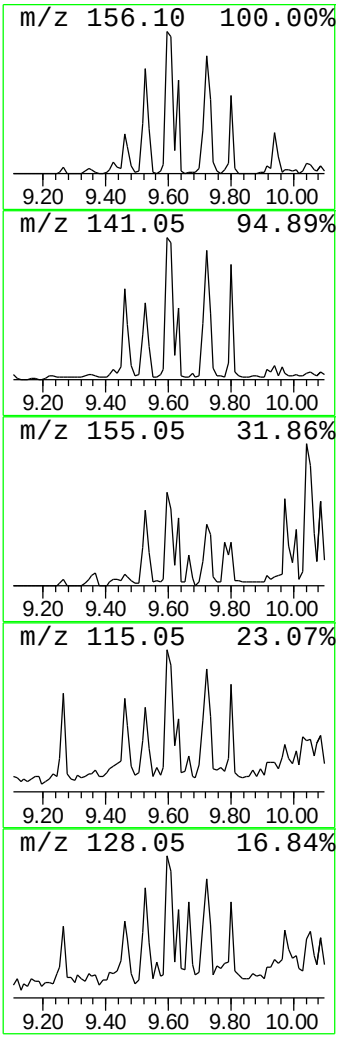
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.36 ng	326253	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

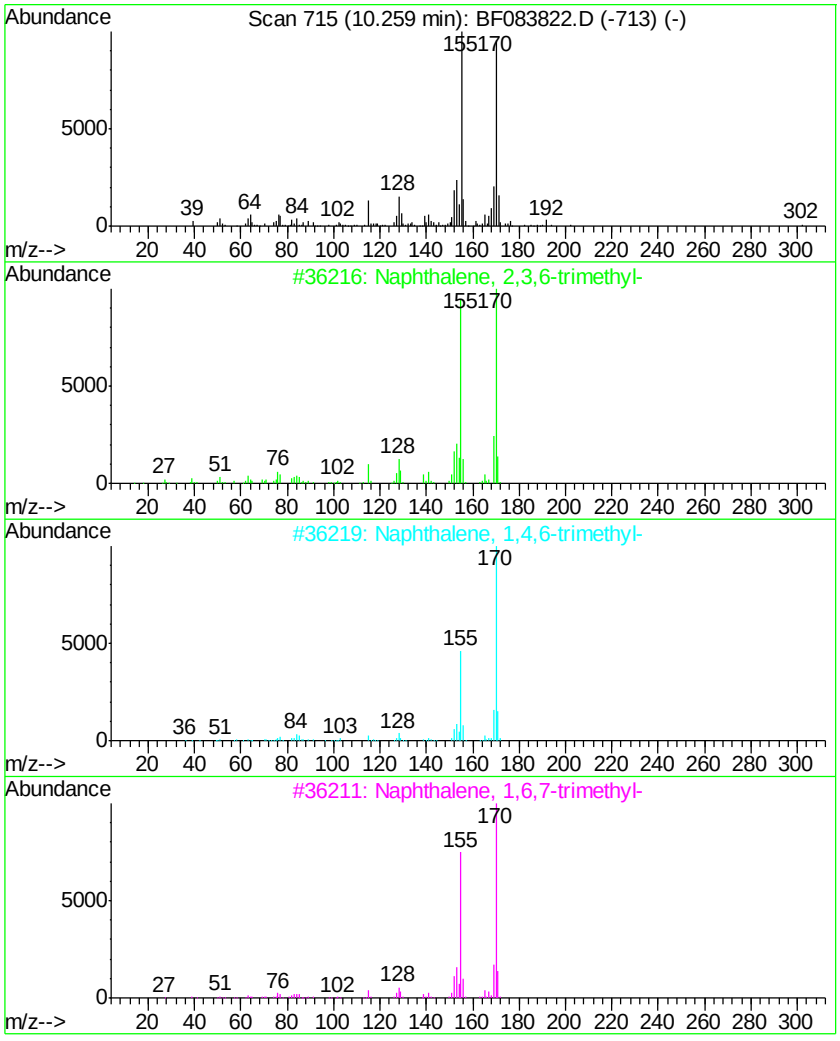
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

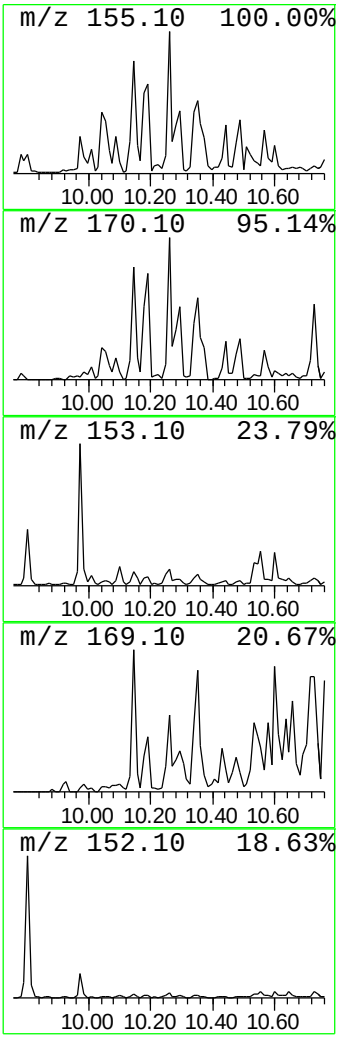
****

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	4.73 ng	209408	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083822.D
Acq On : 15 Dec 2015 16:59
Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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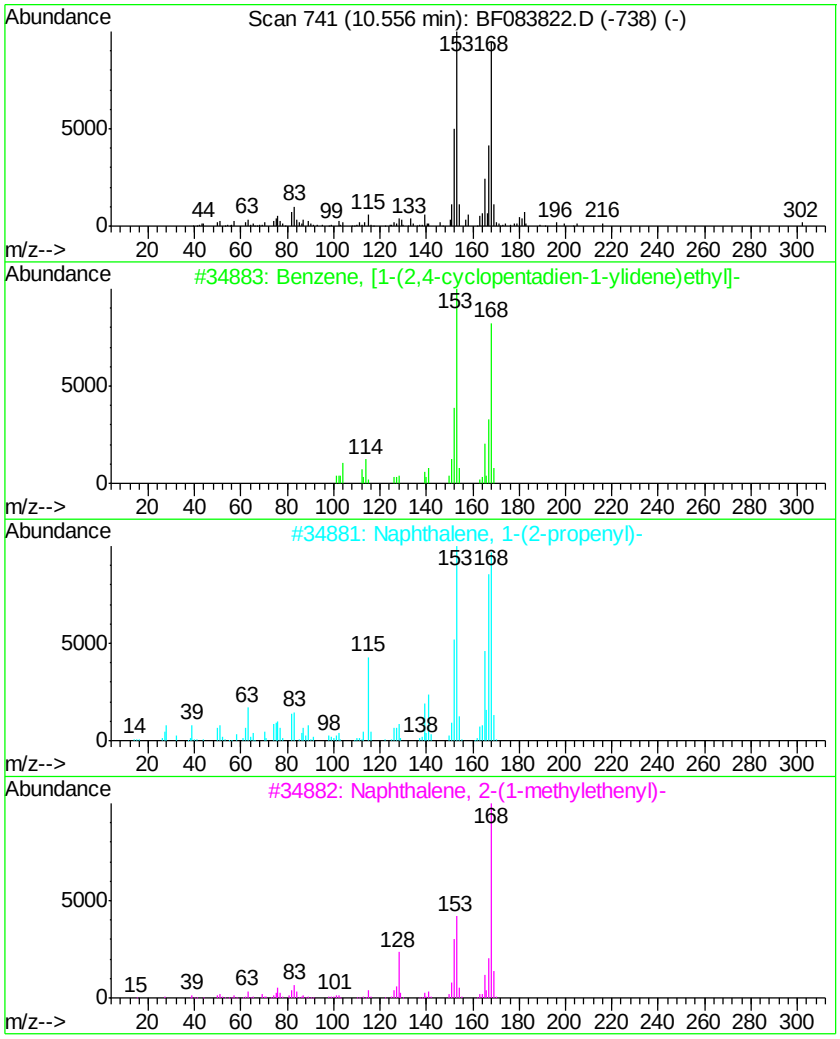
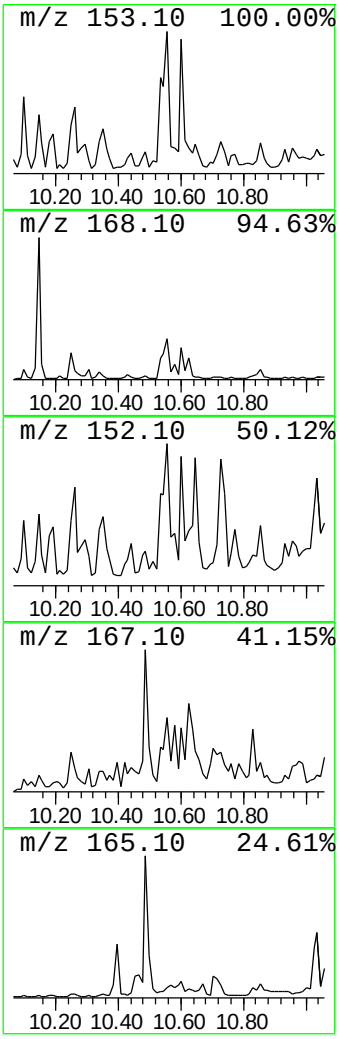
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.88 ng	260505	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47





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Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : K206-18-19

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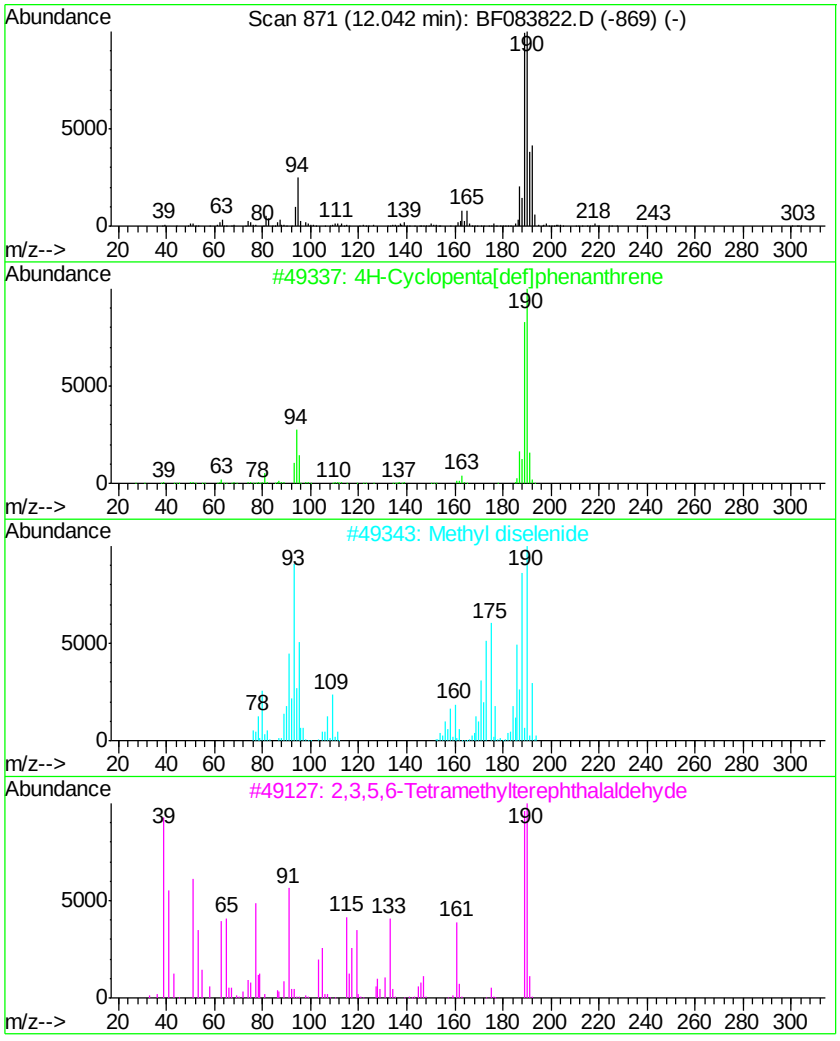
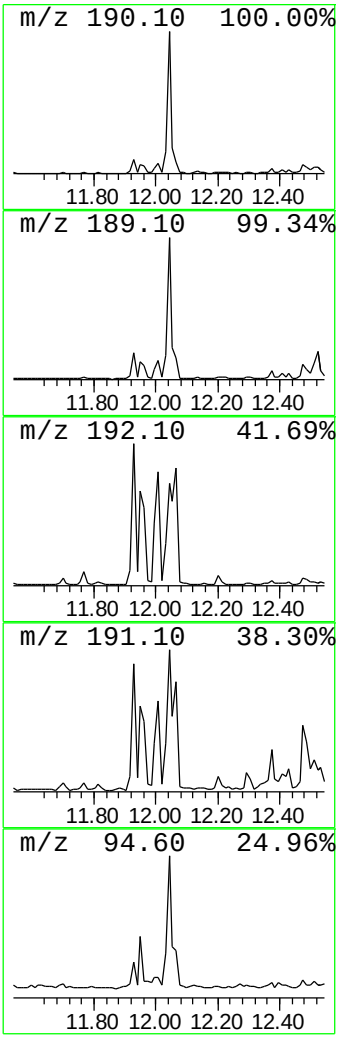
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	10.78 ng	1725650	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14





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Sample : G4739-09
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Instrument : BNA_F
ClientSampleId : K206-18-19

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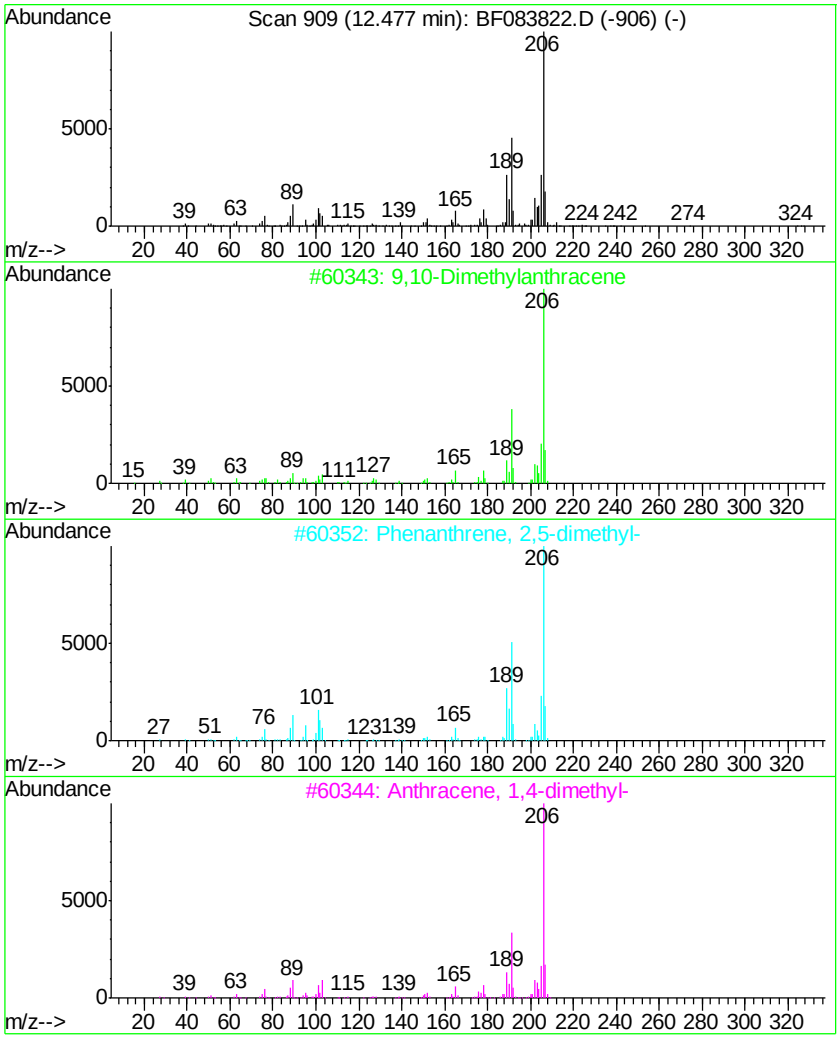
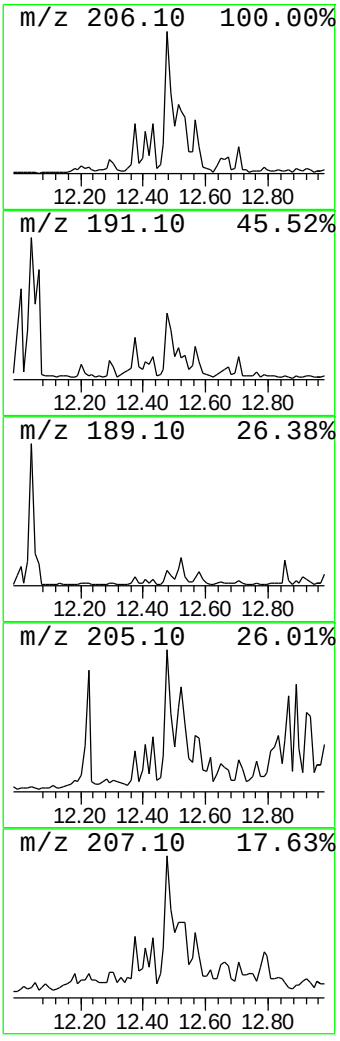
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.36 ng	698718	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : K206-18-19

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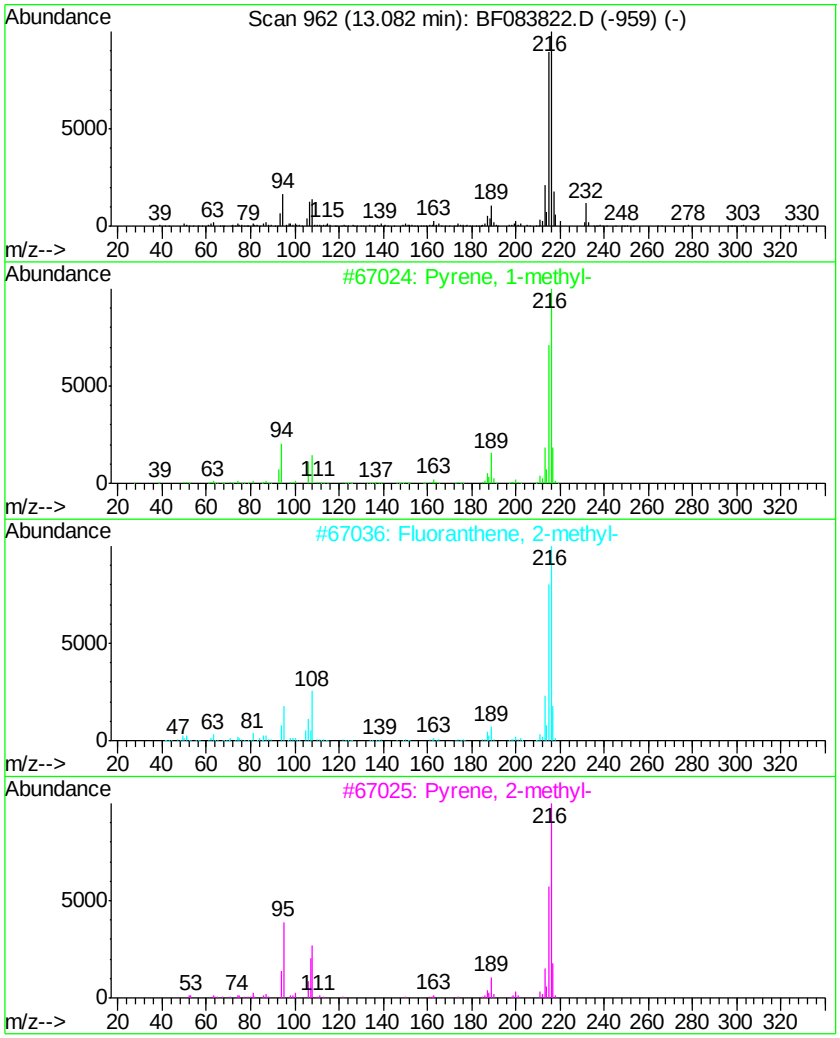
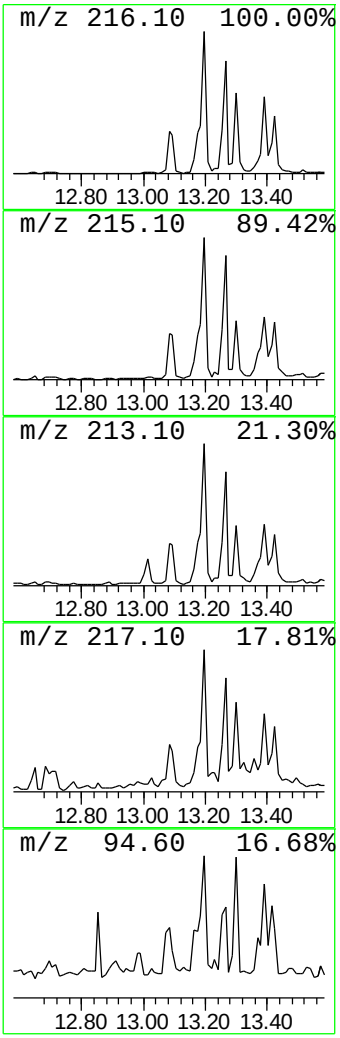
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.47 ng	605157	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

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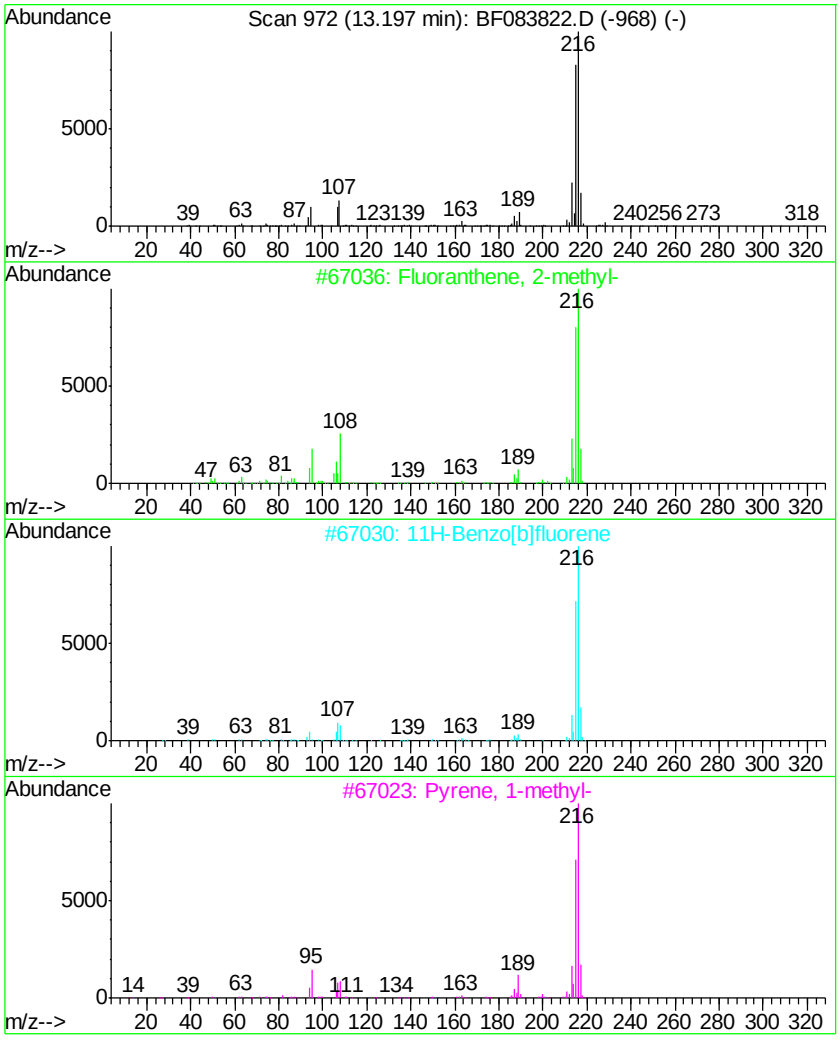
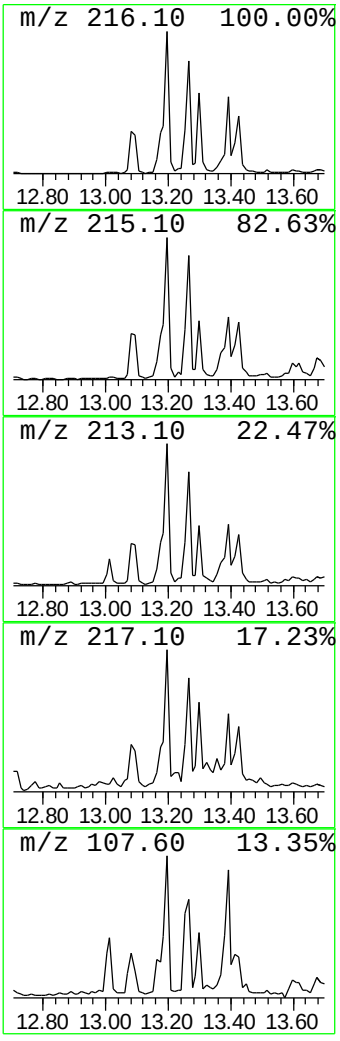
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	8.95 ng	1212010	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Operator : UM/IZ
Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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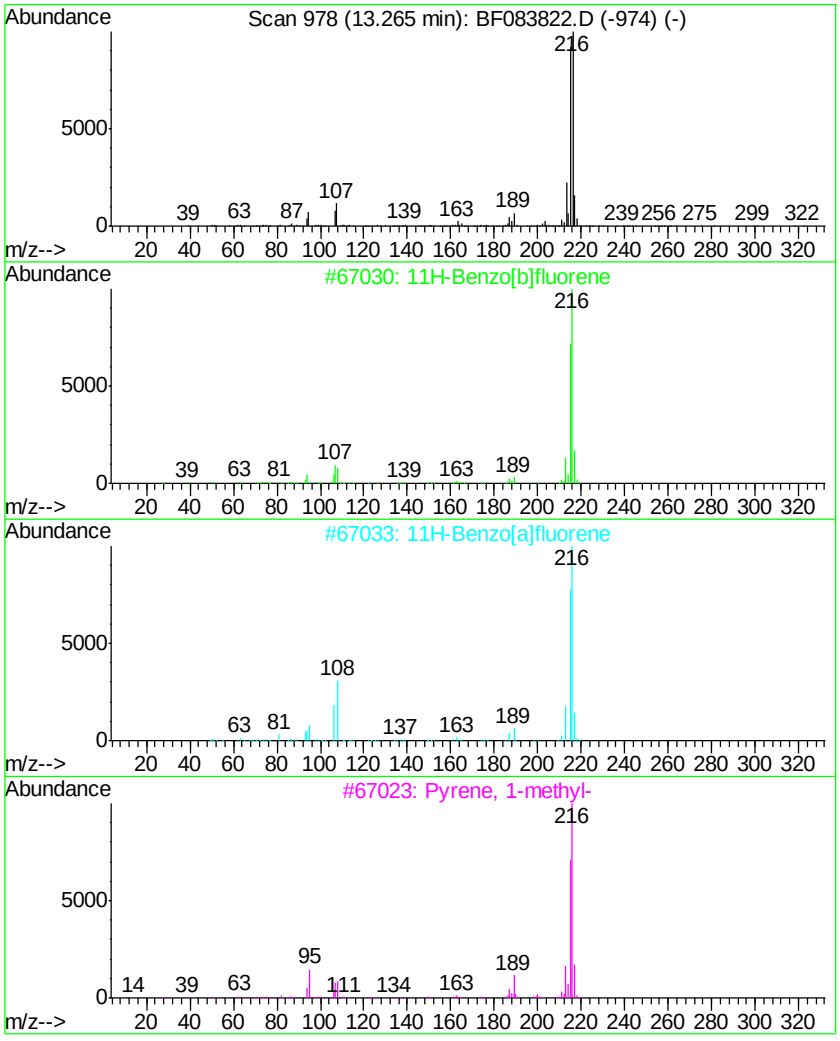
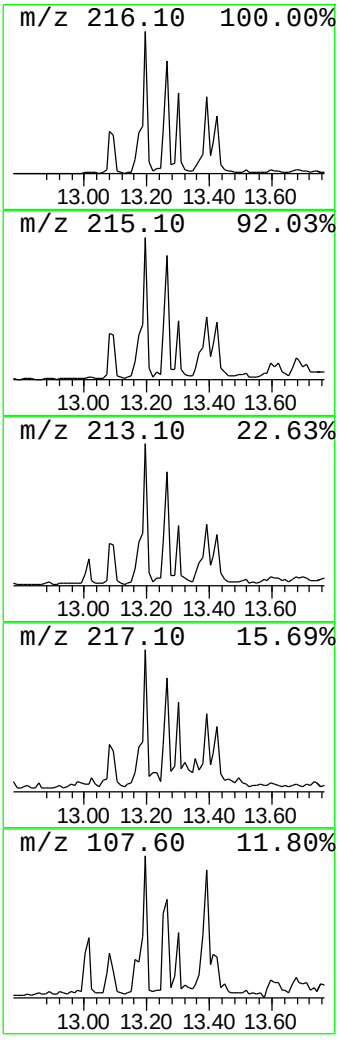
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.37 ng	862123	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Library Search Compound Report

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Sample : G4739-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-18-19

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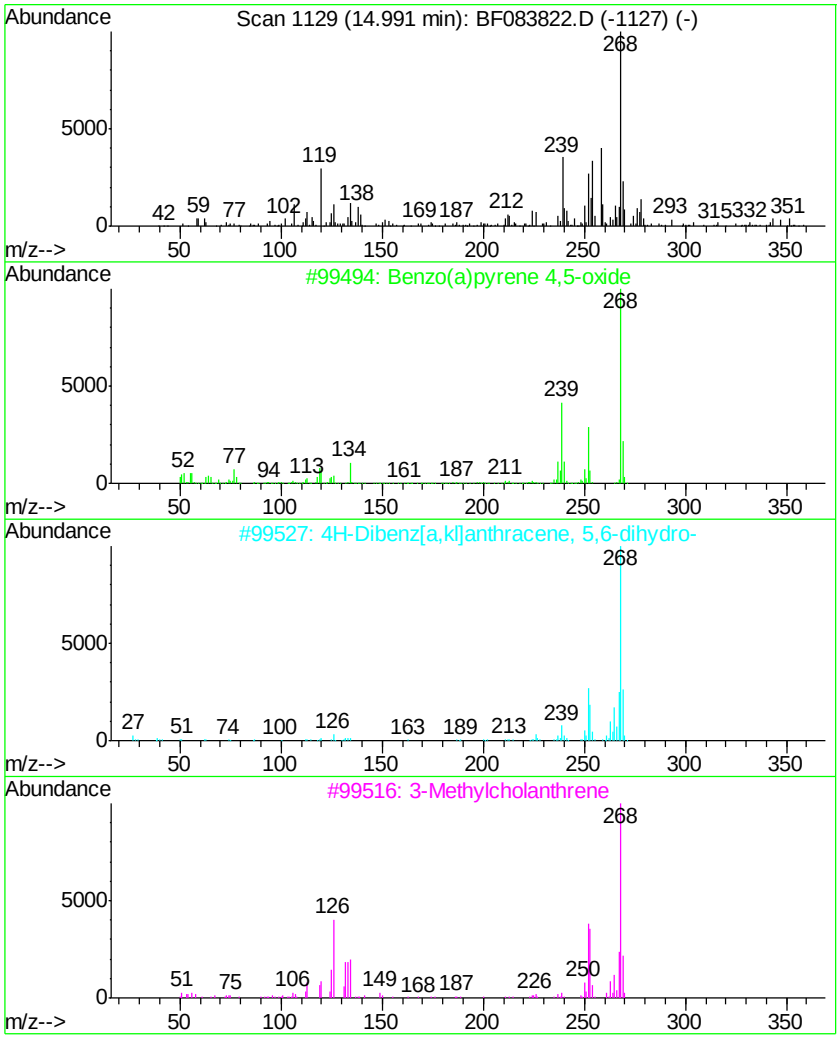
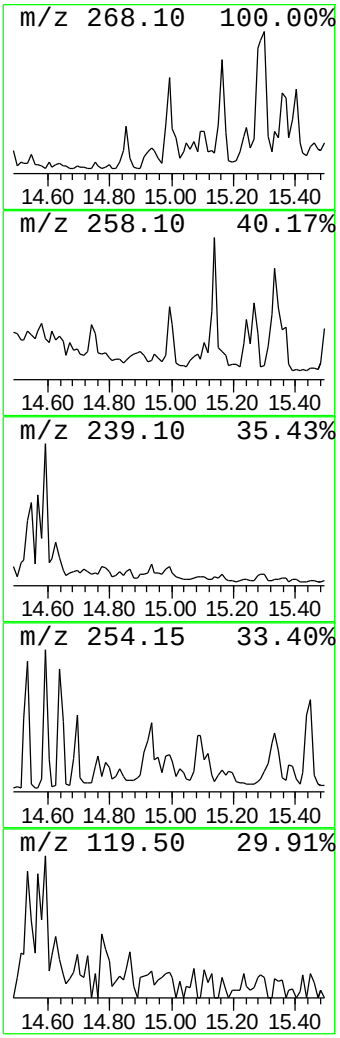
Peak Number 16 Benzo(a)pyrene 4,5-oxide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.96 ng	138198	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
2	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	55
3	3-Methylcholanthrene	268	C21H16	000056-49-5	46
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	46
5	(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	43





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ClientSampleId : K206-18-19

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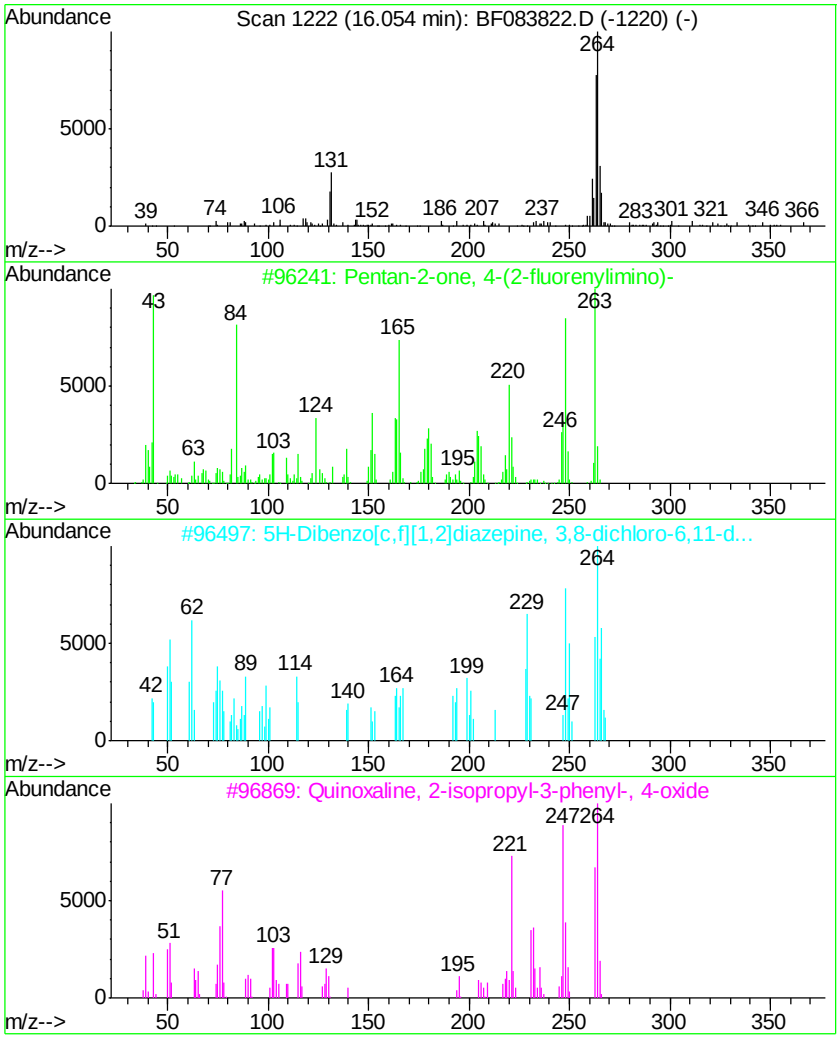
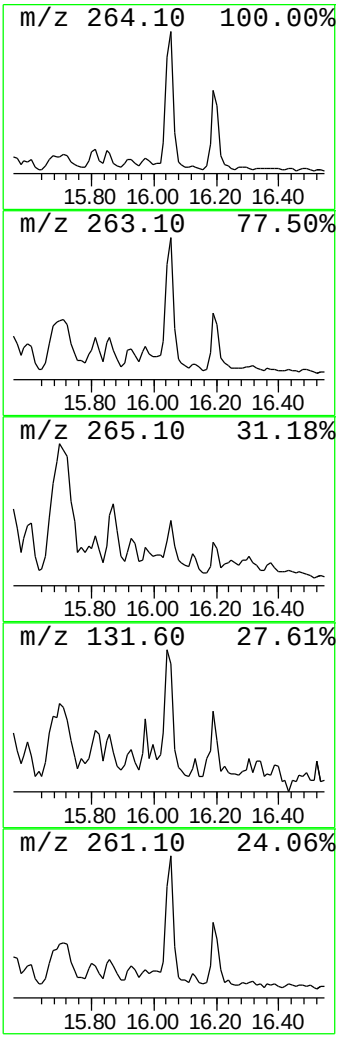
Peak Number 19 unknown16.05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	4.45 ng	103295	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	49
2	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38
3	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	35
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	23





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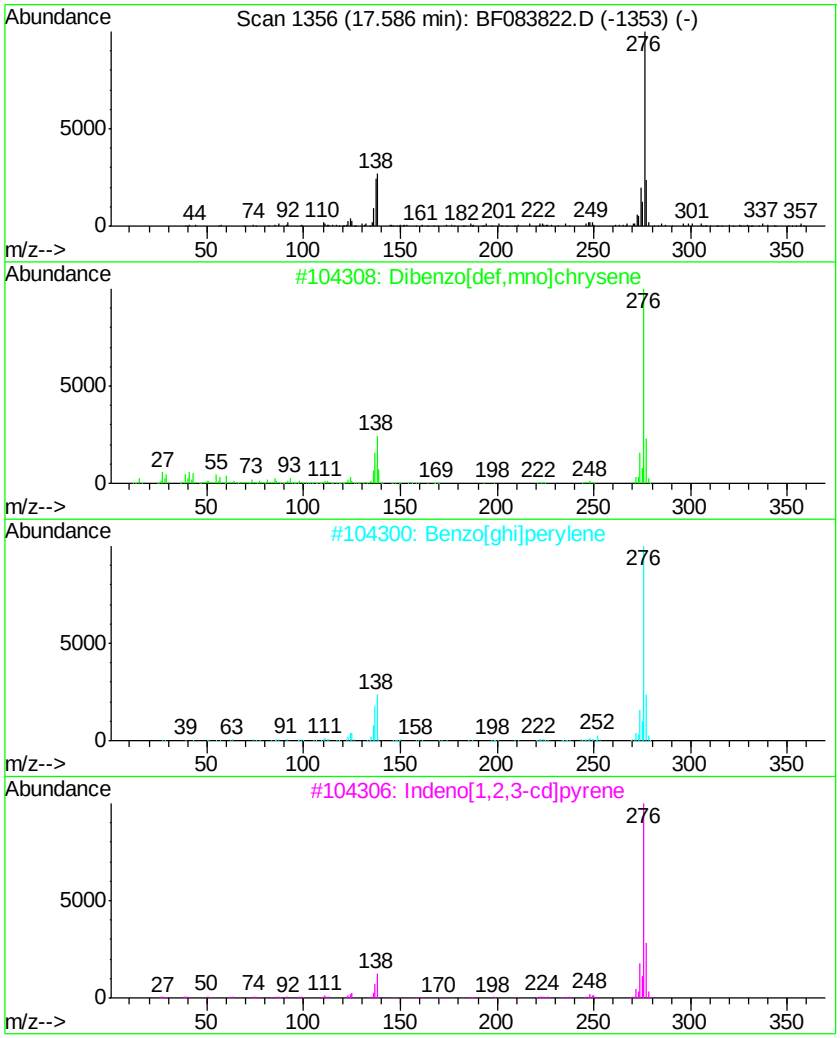
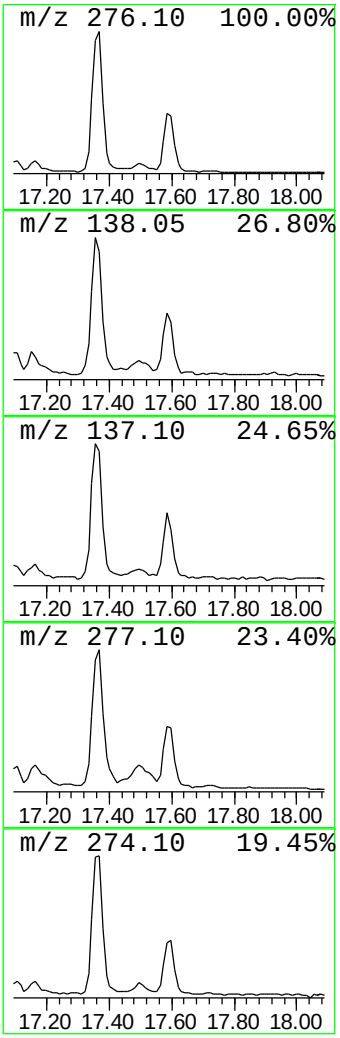
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	10.40 ng	241342	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	2-(p-Tolyl)oxazolo[4,5-c]quinoli...	276	C17H12N2O2	148563-22-8	46





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	25.6	ng	719881	1	6.90	562945	20.0
unknown6.67	6.67	83.8	ng	2359310	1	6.90	562945	20.0
Naphthalene, 2,6-...	9.53	4.4	ng	193420	3	9.94	886292	20.0
Naphthalene, 2,3-...	9.60	7.4	ng	326253	3	9.94	886292	20.0
Naphthalene, 2,3,...	10.26	4.7	ng	209408	3	9.94	886292	20.0
Benzene, [1-(2,4-...	10.56	5.9	ng	260505	3	9.94	886292	20.0
4H-Cyclopenta[def...	12.04	10.8	ng	1725650	4	11.43	3202050	20.0
9,10-Dimethylanth...	12.48	4.4	ng	698718	4	11.43	3202050	20.0
Pyrene, 1-methyl-	13.08	4.5	ng	605157	5	14.07	2708300	20.0
Fluoranthene, 2-m...	13.20	8.9	ng	1212010	5	14.07	2708300	20.0
11H-Benzo[b]fluorene	13.27	6.4	ng	862123	5	14.07	2708300	20.0
Benzo(a)pyrene 4,...	14.99	6.0	ng	138198	6	15.51	464095	20.0
unknown16.05	16.05	4.5	ng	103295	6	15.51	464095	20.0
Dibenzo[def,mno]c...	17.59	10.4	ng	241342	6	15.51	464095	20.0