LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093781.D
Acq On : 20 Mar 2017 23:05
Operator : SJ/MA
Sample : I2318-03 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

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-BF032017.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	5.419	305	309	312	rBV2	382739	545461	3.91%	0.304%
2	6.665	416	418	421	rBV2	353057	413172	2.96%	0.230%
3	6.836	431	433	435	rVB	1694189	1416908	10.16%	0.789%
4	7.019	448	449	451	rVB	975415	745302	5.34%	0.415%
5	7.099	453	456	458	rBV	1472624	1286638	9.22%	0.716%
6	7.876	521	524	525	rBV2	535374	631322	4.52%	0.352%
7	7.910	525	527	531	rVB	408851	580199	4.16%	0.323%
8	8.150	543	548	550	rBV2	6965267	13952469	100.00%	7.770%
9	8.196	550	552	554	rBV	1095277	882117	6.32%	0.491%
10	8.790	600	604	605	rVB2	294174	423355	3.03%	0.236%
11	8.836	605	608	610	rVB	4917543	5249425	37.62%	2.923%
12	8.882	610	612	614	rBV	386719	413801	2.97%	0.230%
13	8.939	614	617	619	rVB	4336335	4704163	33.72%	2.620%
14	9.190	637	639	642	rVB2	254663	396788	2.84%	0.221%
15	9.293	646	648	651	rVB	1643692	1626899	11.66%	0.906%
16	9.396	651	657	660	rBV3	936588	1646687	11.80%	0.917%
17	9.465	660	663	665	rBV	1996609	2864182	20.53%	1.595%
18	9.533	667	669	671	rBV	2456895	3451103	24.73%	1.922%
19	9.568	671	672	673	rVB	1062646	728444	5.22%	0.406%
20	9.602	673	675	677	rVB	786548	989518	7.09%	0.551%
21	9.648	677	679	684	rBV	1041453	1528819	10.96%	0.851%
22	9.739	684	687	689	rVB	3334543	3833081	27.47%	2.135%
23	9.876	696	699	700	rBV2	1890521	2533500	18.16%	1.411%
24	9.911	700	702	703	rBV	1823667	2202028	15.78%	1.226%
25	9.979	706	708	710	rBV2	750703	1003438	7.19%	0.559%
26	10.071	713	716	718	rBV2	1381316	2246882	16.10%	1.251%
27	10.116	718	720	721	rBV	1133834	895895	6.42%	0.499%
28	10.151	721	723	724	rVB2	407871	417757	2.99%	0.233%
29	10.185	724	726	728	rBV2	811192	1383485	9.92%	0.770%
30	10.219	728	729	731	rVB	808794	599609	4.30%	0.334%
31	10.288	731	735	737	rBV4	663456	1282281	9.19%	0.714%
32	10.322	737	738	740	rVB	1121644	842059	6.04%	0.469%
33	10.391	740	744	745	rBV3	745720	1199999	8.60%	0.668%
34	10.425	745	747	750	rVB	4007084	4477833	32.09%	2.494%

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Misc :
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Instrument : BNA_F
ClientSampleId : HP-CT-01

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-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.482	750	752	753	rBV	535051	591583	4.24%	0.329%
36	10.528	753	756	759	rBV3	689598	1163790	8.34%	0.648%
37	10.573	759	760	764	rVB2	633676	959335	6.88%	0.534%
38	10.642	764	766	770	rVB2	1286703	2015953	14.45%	1.123%
39	10.756	774	776	777	rBV2	354637	444306	3.18%	0.247%
40	10.791	777	779	784	rVB2	962785	1420035	10.18%	0.791%
41	10.859	784	785	788	rBV2	388467	619667	4.44%	0.345%
42	10.962	792	794	796	rBV2	1043518	1686379	12.09%	0.939%
43	10.996	796	797	800	rVV	950309	927547	6.65%	0.517%
44	11.054	800	802	803	rVB	721618	824680	5.91%	0.459%
45	11.111	805	807	810	rVV4	268021	634947	4.55%	0.354%
46	11.168	810	812	814	rVB	454109	488133	3.50%	0.272%
47	11.214	814	816	817	rBV	585216	524136	3.76%	0.292%
48	11.248	817	819	824	rVB2	2751279	3915421	28.06%	2.180%
49	11.385	826	831	833	rBV2	5847892	11483665	82.31%	6.395%
50	11.431	833	835	837	rVV	3003273	2889740	20.71%	1.609%
51	11.465	837	838	840	rVV2	564359	676714	4.85%	0.377%
52	11.511	840	842	845	rVV2	488786	719028	5.15%	0.400%
53	11.579	847	848	850	rVV	717062	686724	4.92%	0.382%
54	11.682	853	857	859	rVV3	1496648	2783413	19.95%	1.550%
55	11.774	863	865	867	rVB	1158893	1518179	10.88%	0.845%
56	11.854	870	872	874	rVV2	1849009	3340100	23.94%	1.860%
57	11.888	874	875	877	rVB	3227505	2392487	17.15%	1.332%
58	11.934	877	879	880	rBV	1366254	1405619	10.07%	0.783%
59	11.968	880	882	888	rVB2	3242683	5241871	37.57%	2.919%
60	12.071	888	891	895	rBV5	992144	1911894	13.70%	1.065%
61	12.151	895	898	899	rBV	1469413	1747549	12.53%	0.973%
62	12.185	899	901	903	rVB	621062	890849	6.38%	0.496%
63	12.254	903	907	908	rBV3	437628	905141	6.49%	0.504%
64	12.299	908	911	912	rVV2	763370	1260466	9.03%	0.702%
65	12.334	912	914	917	rVB3	1125966	2289048	16.41%	1.275%
66	12.402	917	920	922	rBV	1776273	2912705	20.88%	1.622%
67	12.459	922	925	926	rVV3	1484246	2537637	18.19%	1.413%
68	12.494	926	928	930	rVB2	657969	1001834	7.18%	0.558%
69	12.574	932	935	936	rVV	3765426	4647734	33.31%	2.588%
70	12.619	936	939	941	rVV4	323552	626915	4.49%	0.349%
71	12.654	941	942	944	rVV	1143557	1189144	8.52%	0.662%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.711	945	947	952	rVB3	596096	1124139	8.06%	0.626%
73	12.802	952	955	958	rBV	4445867	7227140	51.80%	4.025%
74	12.848	958	959	961	rVB	584134	760389	5.45%	0.423%
75	13.008	971	973	976	rBV3	667170	1091247	7.82%	0.608%
76	13.065	976	978	979	rVV	417042	439677	3.15%	0.245%
77	13.122	979	983	984	rVB2	1246412	2276180	16.31%	1.268%
78	13.179	984	988	990	rBV2	1321624	2137317	15.32%	1.190%
79	13.225	990	992	996	rVV2	1041173	1616590	11.59%	0.900%
80	13.282	996	997	998	rVV	556468	575613	4.13%	0.321%
81	13.317	998	1000	1001	rVV	831283	954074	6.84%	0.531%
82	13.339	1001	1002	1004	rVV	823774	949449	6.80%	0.529%
83	13.522	1016	1018	1021	rBV3	679909	949758	6.81%	0.529%
84	13.728	1034	1036	1038	rBV2	845439	1186485	8.50%	0.661%
85	13.980	1055	1058	1059	rVV2	2535260	3800260	27.24%	2.116%
86	14.014	1059	1061	1064	rVV	1652425	2163578	15.51%	1.205%
87	14.071	1064	1066	1068	rVV2	377419	460519	3.30%	0.256%
88	14.162	1068	1074	1076	rVB5	496176	1333662	9.56%	0.743%
89	14.368	1090	1092	1094	rVB	708219	672106	4.82%	0.374%
90	14.460	1099	1100	1102	rBV2	401253	447701	3.21%	0.249%
91	14.997	1144	1147	1152	rVV2	1232303	2735489	19.61%	1.523%
92	15.088	1153	1155	1158	rVB	556422	753243	5.40%	0.419%
93	15.282	1169	1172	1174	rVB	731959	1134824	8.13%	0.632%
94	15.340	1174	1177	1179	rBV	1531582	1849175	13.25%	1.030%
95	15.397	1179	1182	1183	rBV	676597	868328	6.22%	0.484%
96	15.854	1219	1222	1226	rBV3	214193	525966	3.77%	0.293%
97	16.757	1298	1301	1305	rVB2	495181	938686	6.73%	0.523%
98	16.974	1318	1320	1332	rVB2	160243	588984	4.22%	0.328%
99	17.168	1333	1337	1342	rVB	434908	887382	6.36%	0.494%
100	17.386	1353	1356	1362	rVB	202601	459042	3.29%	0.256%

Sum of corrected areas: 179575990

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
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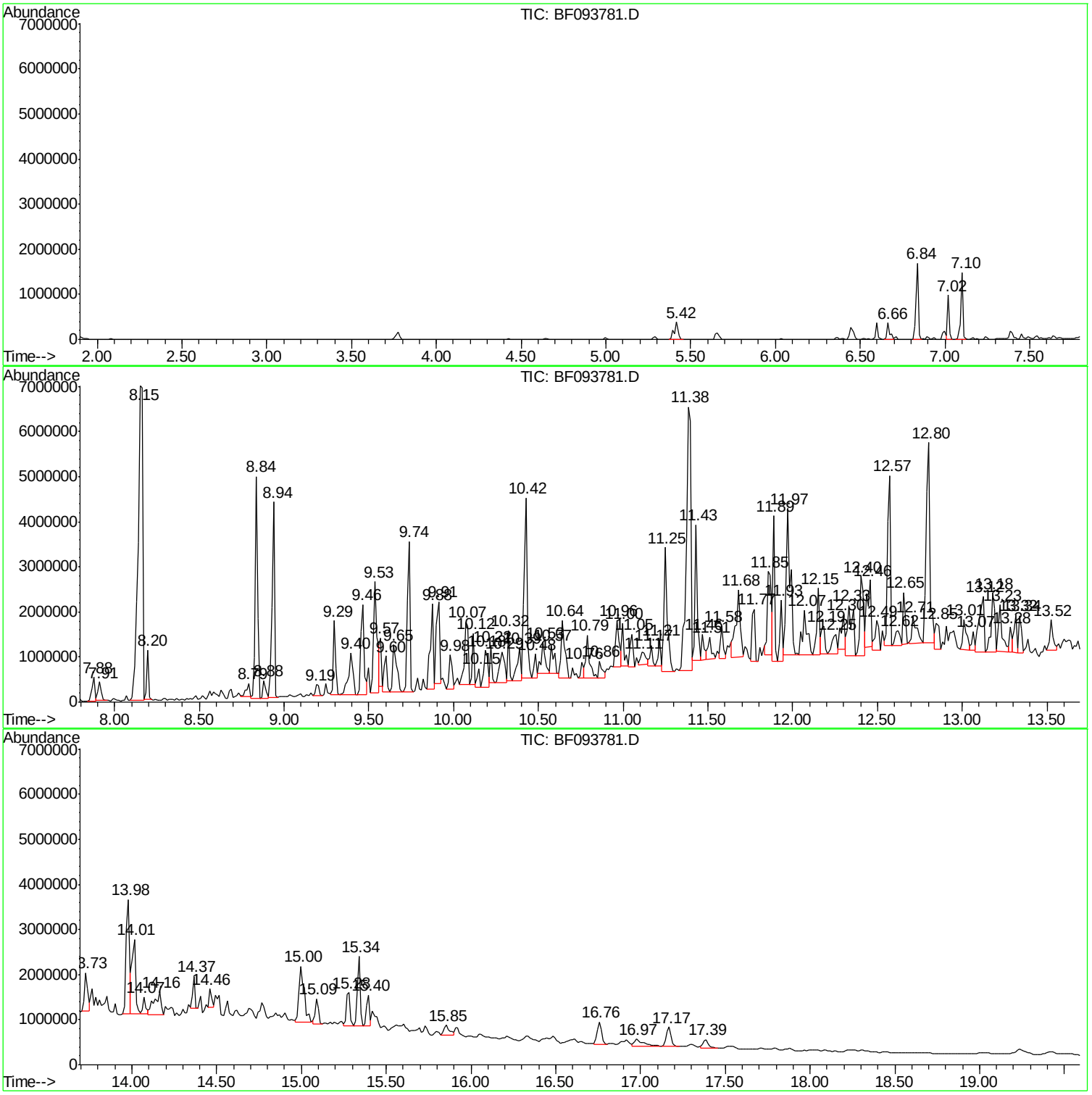
Operator : SJ/MA
Sample : I2318-03 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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\BF032017\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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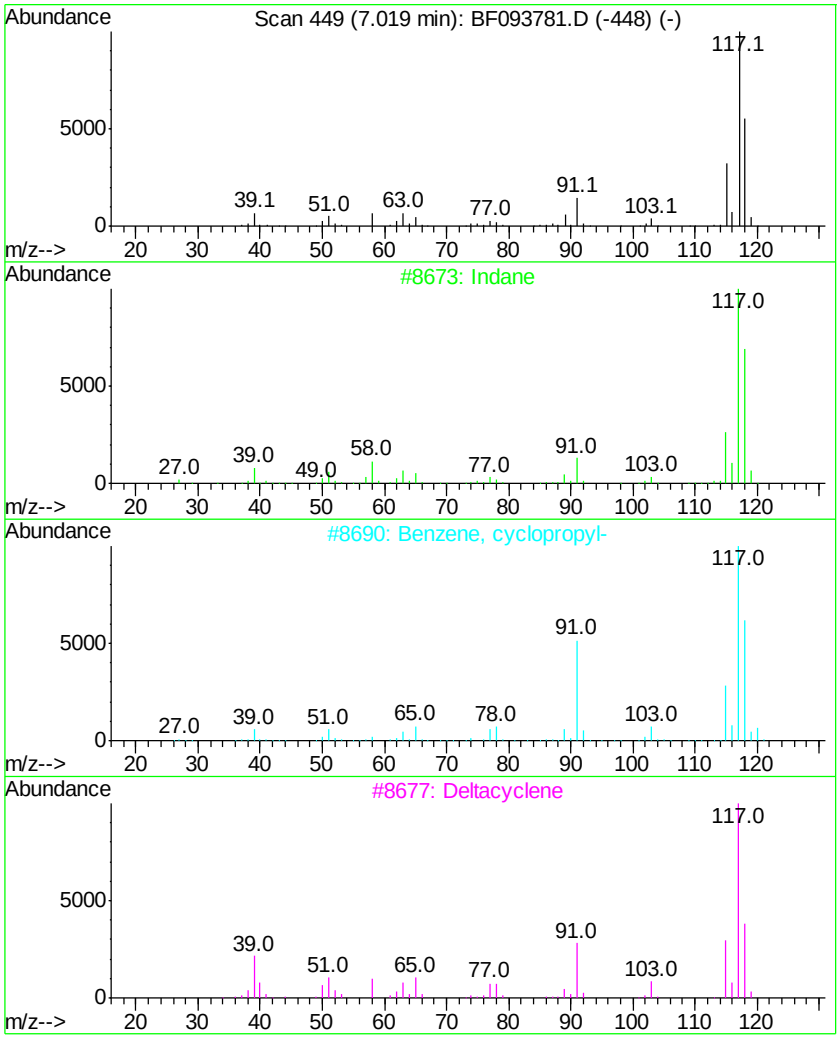
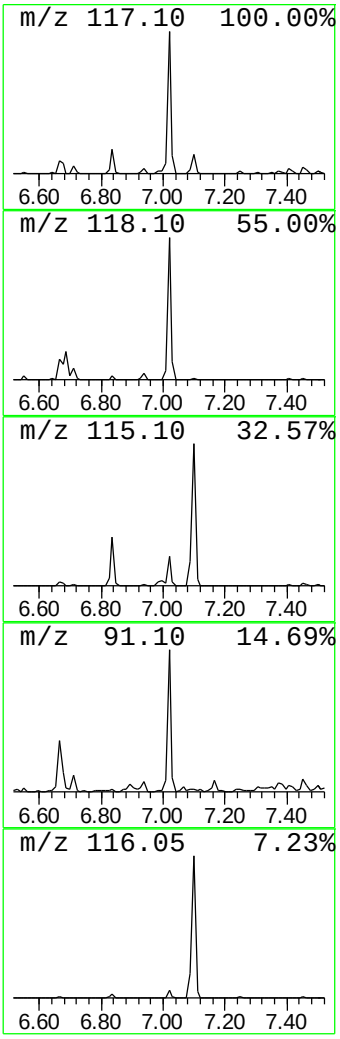
Peak Number 1 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	10.52 ng	745302	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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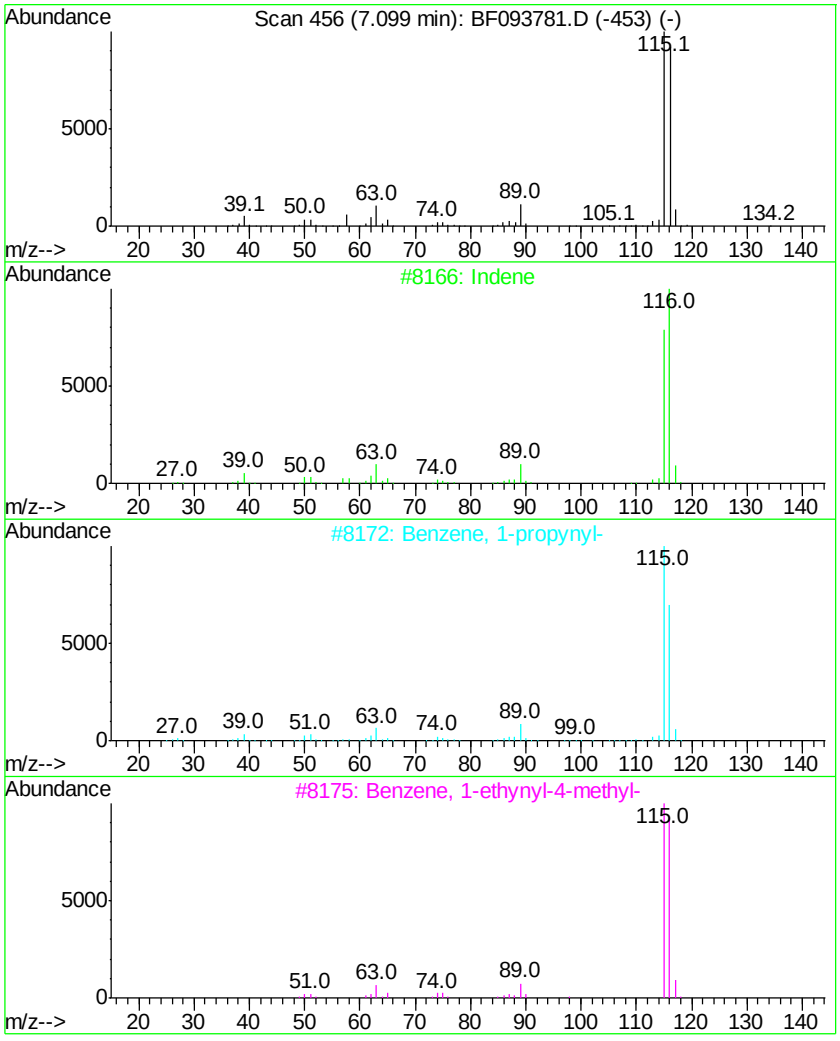
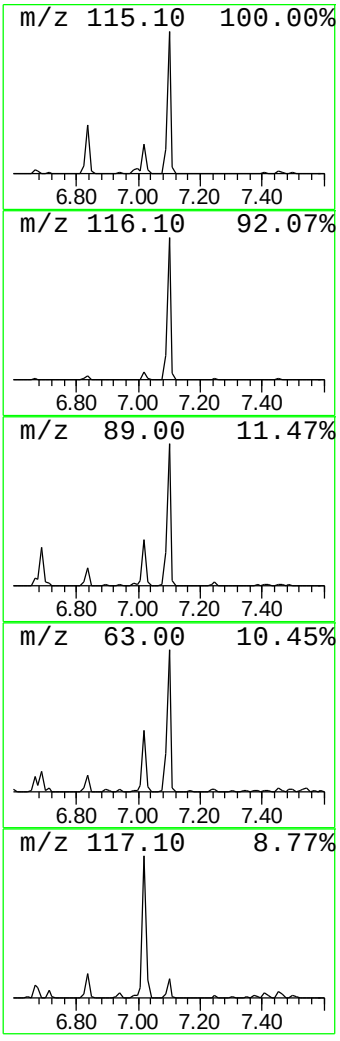
Peak Number 2 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	18.16 ng	1286640	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Library Search Compound Report

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

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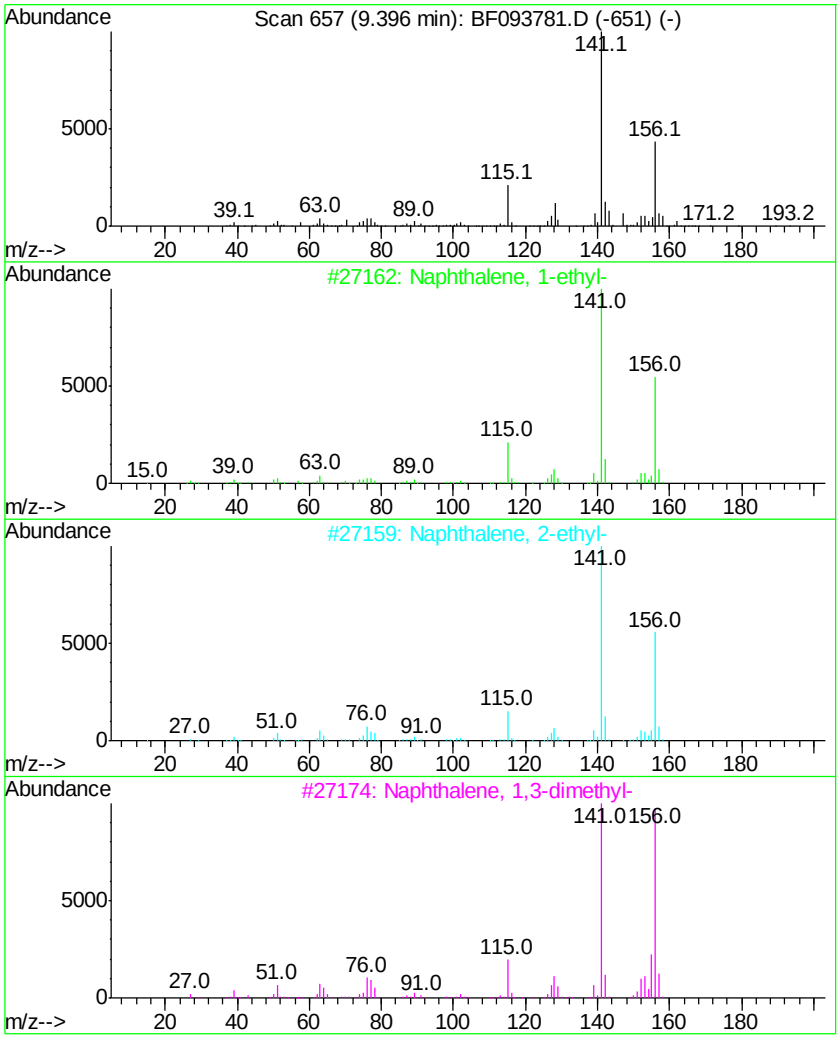
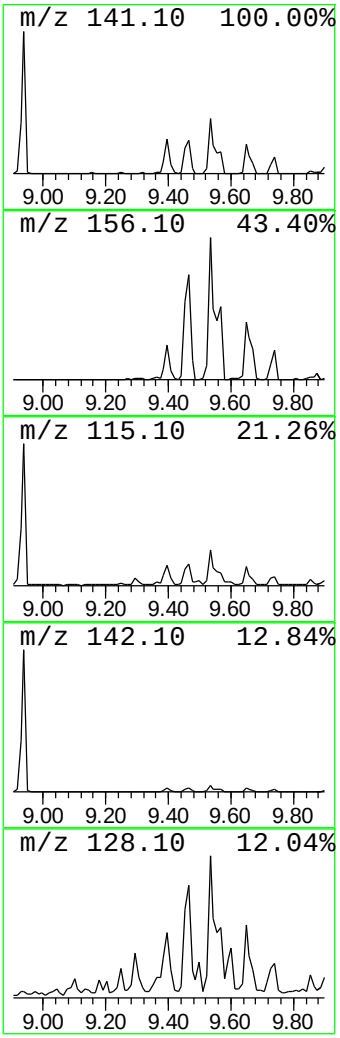
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	13.00 ng	1646690	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	62
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	58





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

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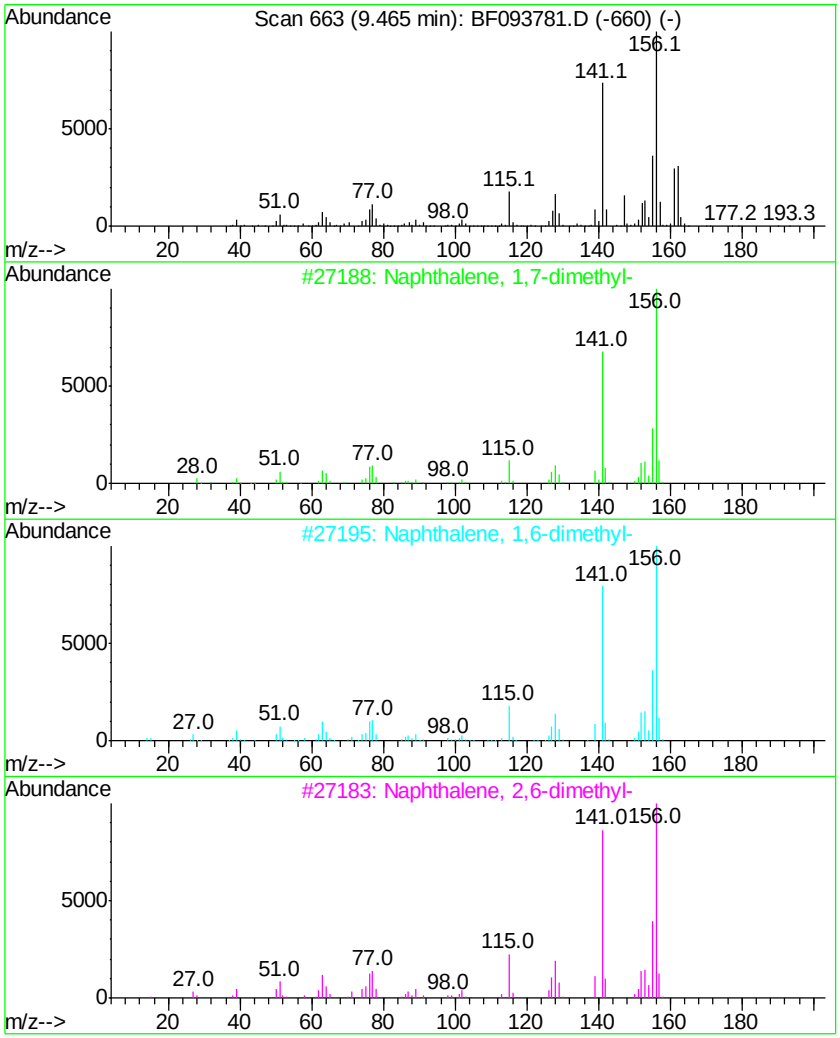
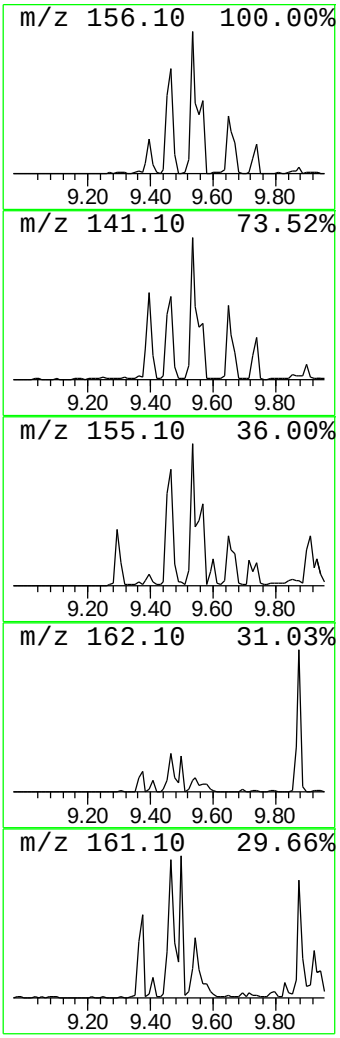
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	22.61 ng	2864180	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : SJ/MA
Sample : I2318-03 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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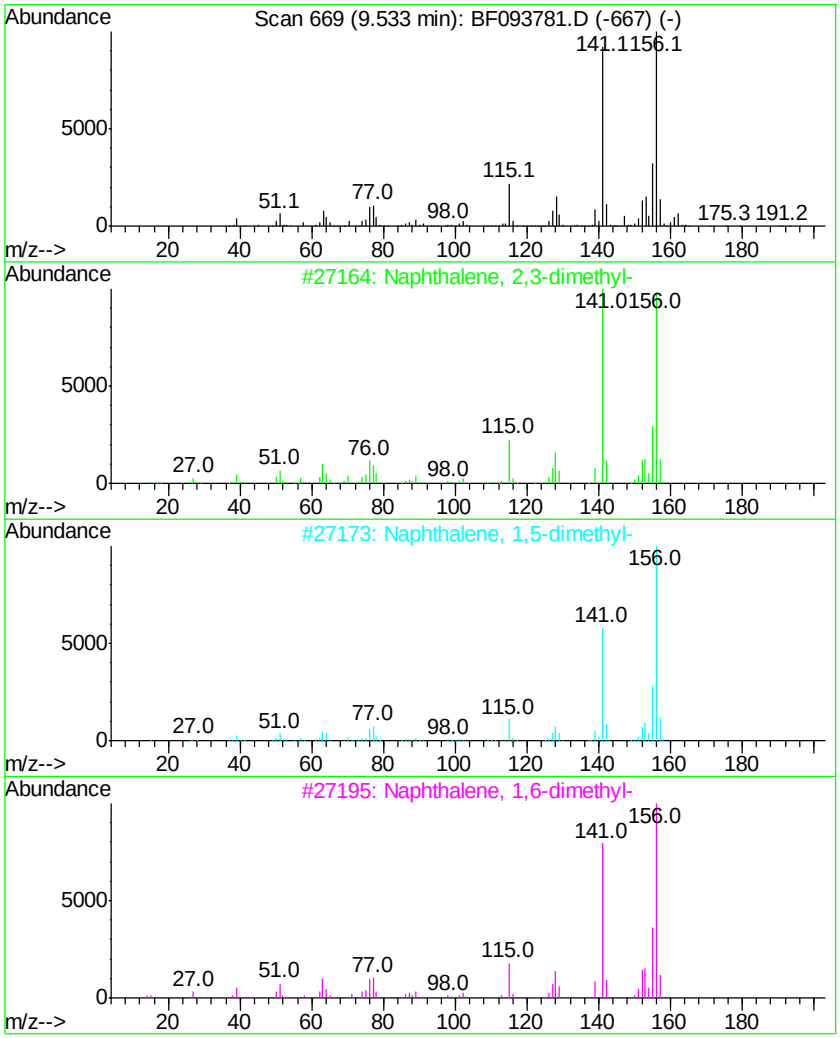
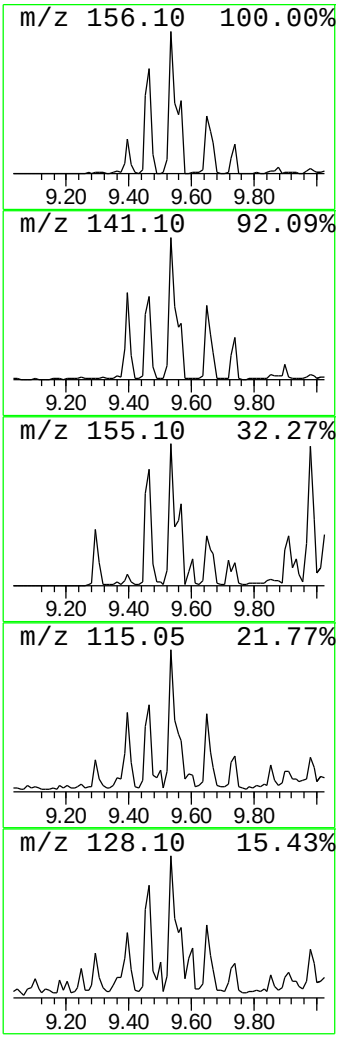
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	27.24 ng	3451100	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093781.D
Acq On : 20 Mar 2017 23:05
Operator : SJ/MA
Sample : I2318-03 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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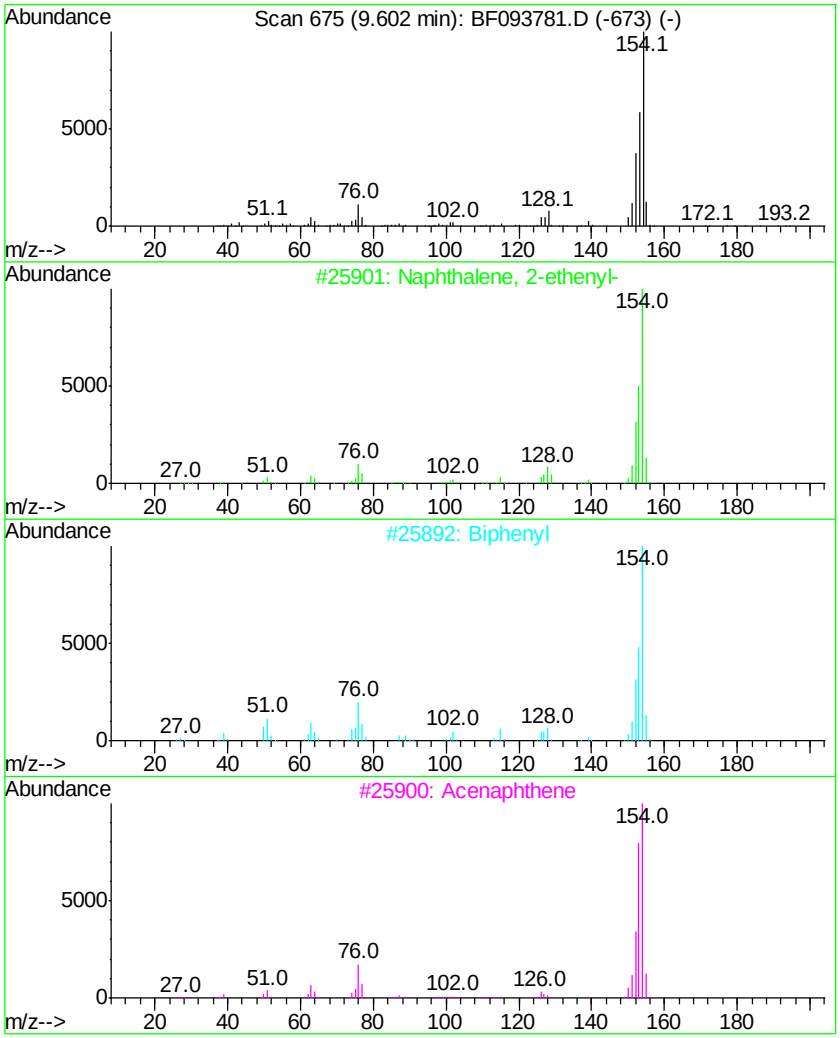
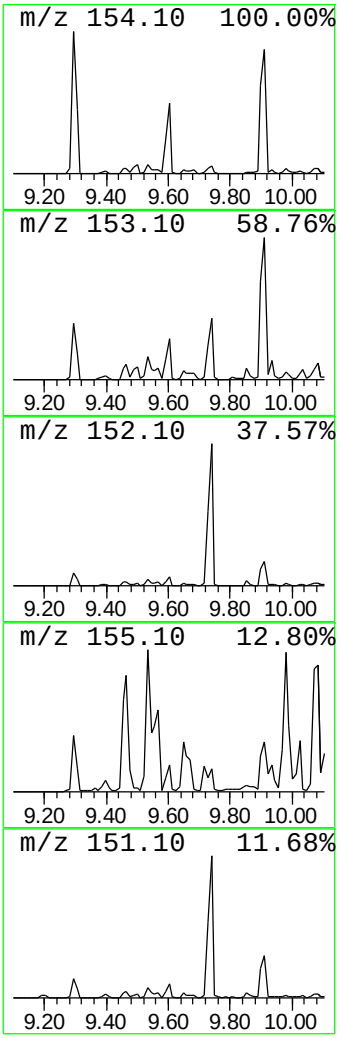
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.81 ng	989518	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2	Biphenyl	154	C12H10	000092-52-4	90
3	Acenaphthene	154	C12H10	000083-32-9	72
4	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	46
5	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	43





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Sample : I2318-03 20X
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ClientSampleId : HP-CT-01

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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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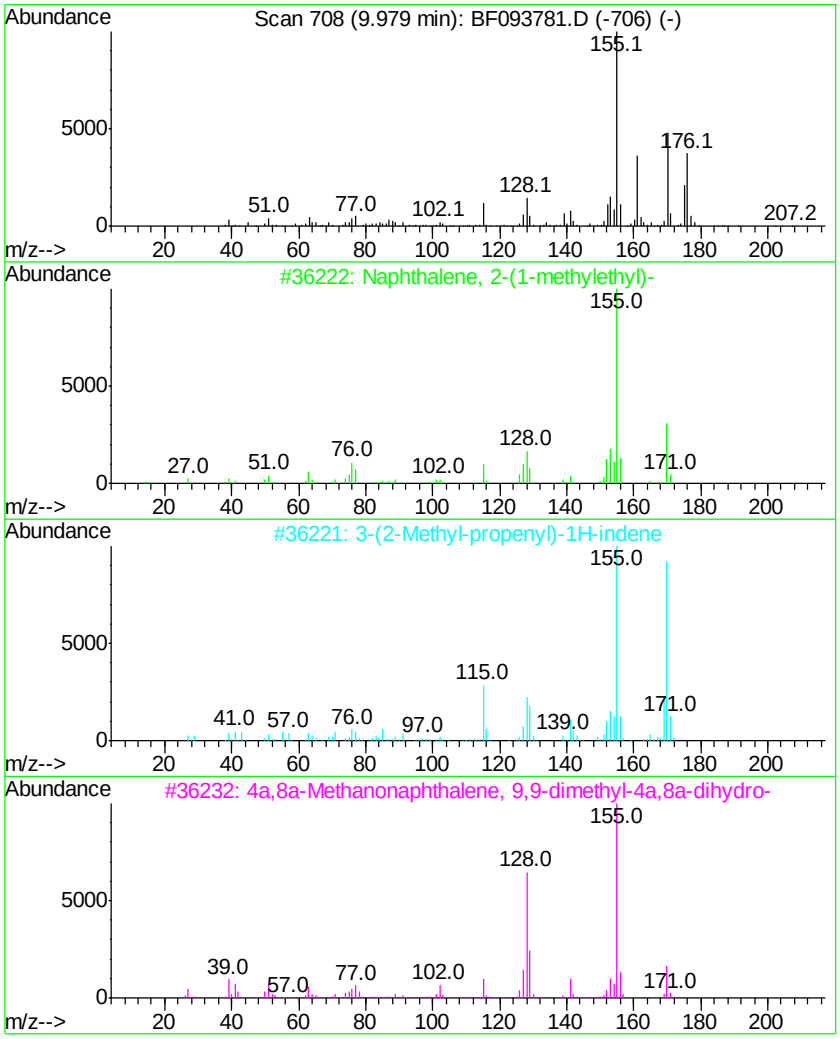
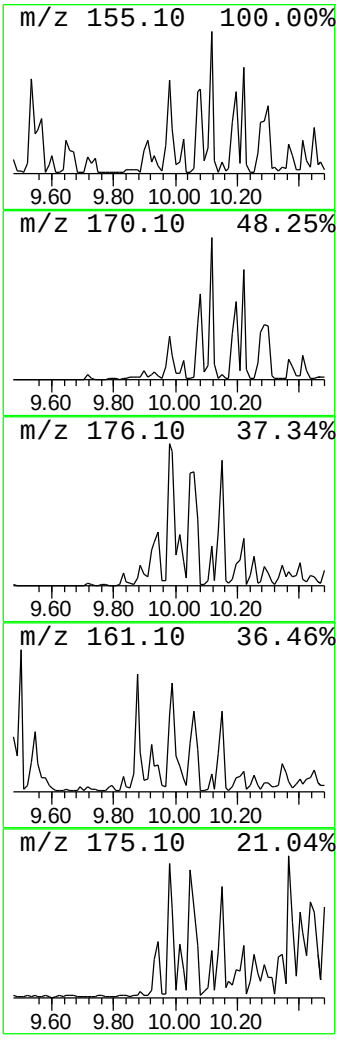
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	7.92 ng	1003440	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
3	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	52
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	50





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Sample : I2318-03 20X
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ALS Vial : 16 Sample Multiplier: 1

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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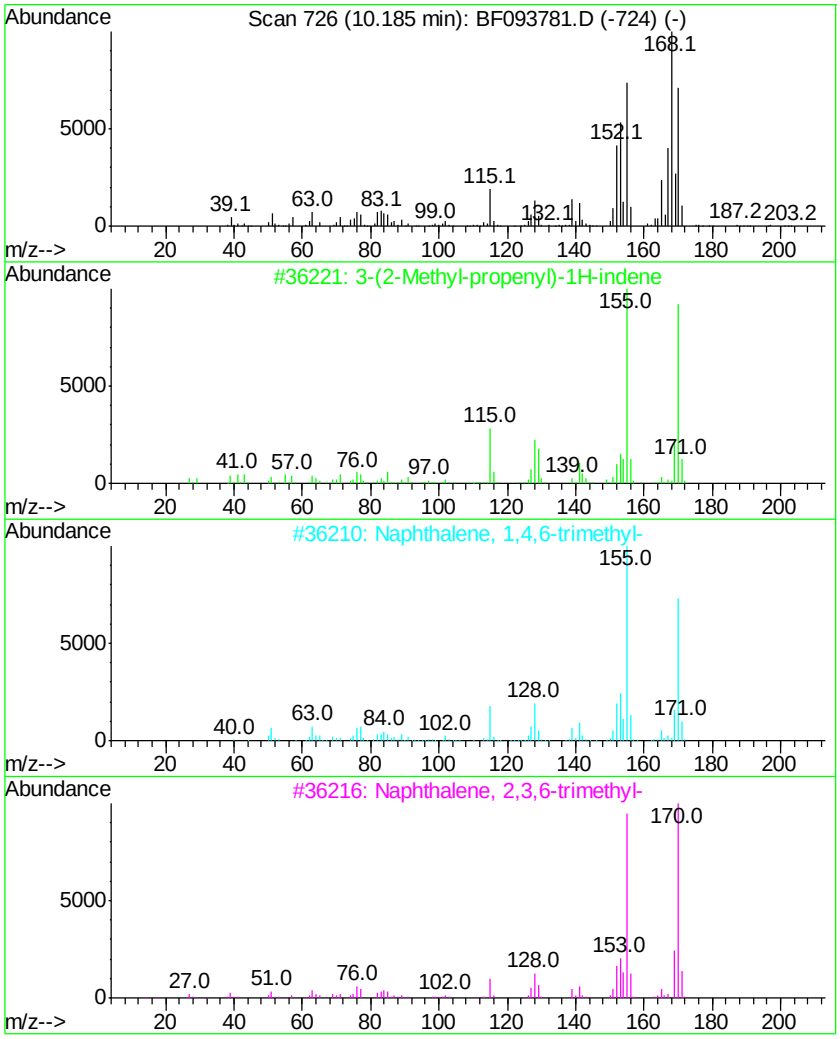
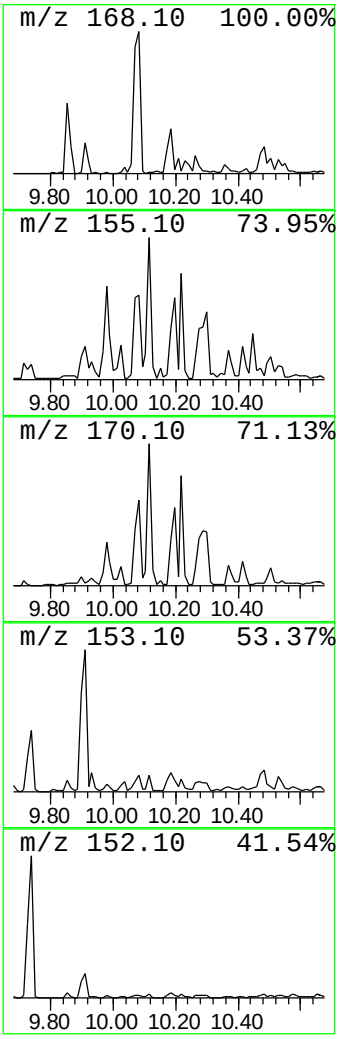
Peak Number 9 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	10.92 ng	1383490	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : HP-CT-01

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TIC Library : C:\DATABASE\NIST02.L
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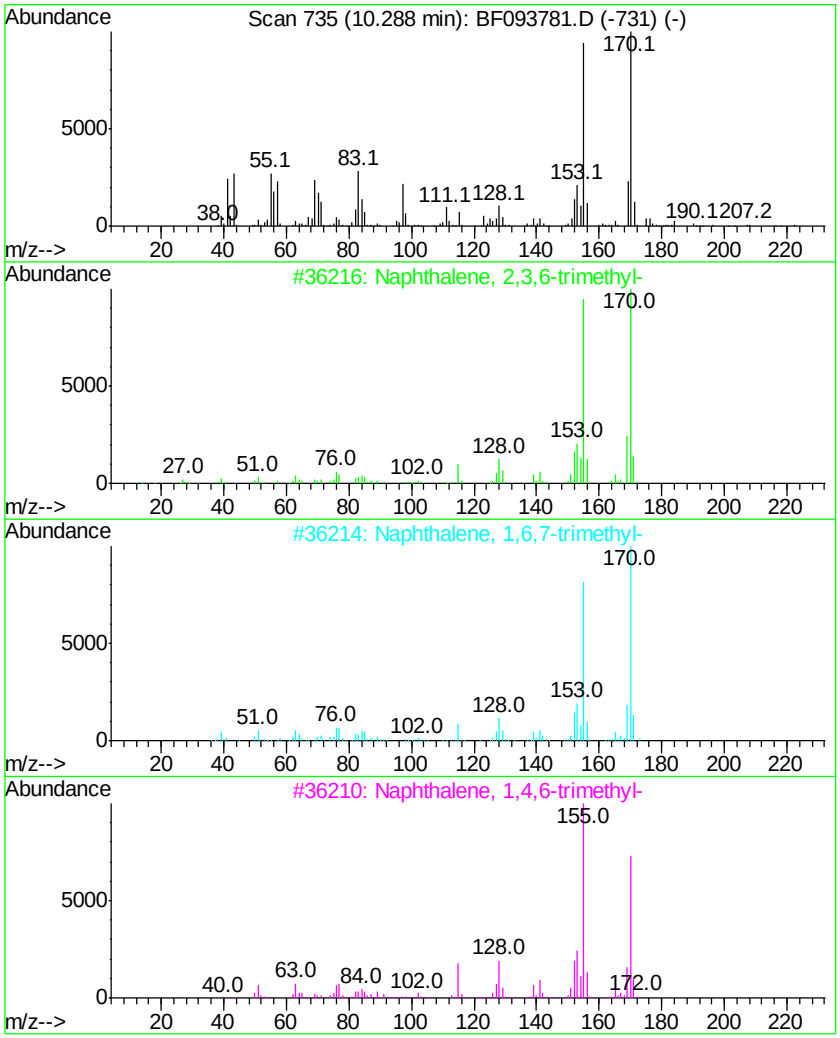
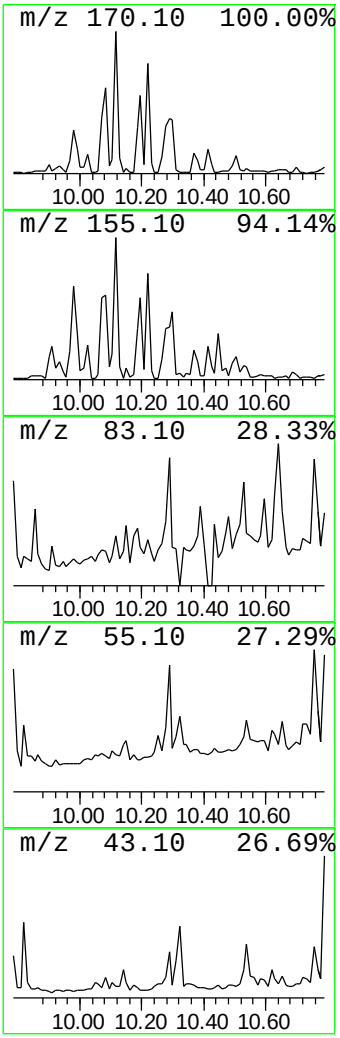
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.12 ng	1282280	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : HP-CT-01

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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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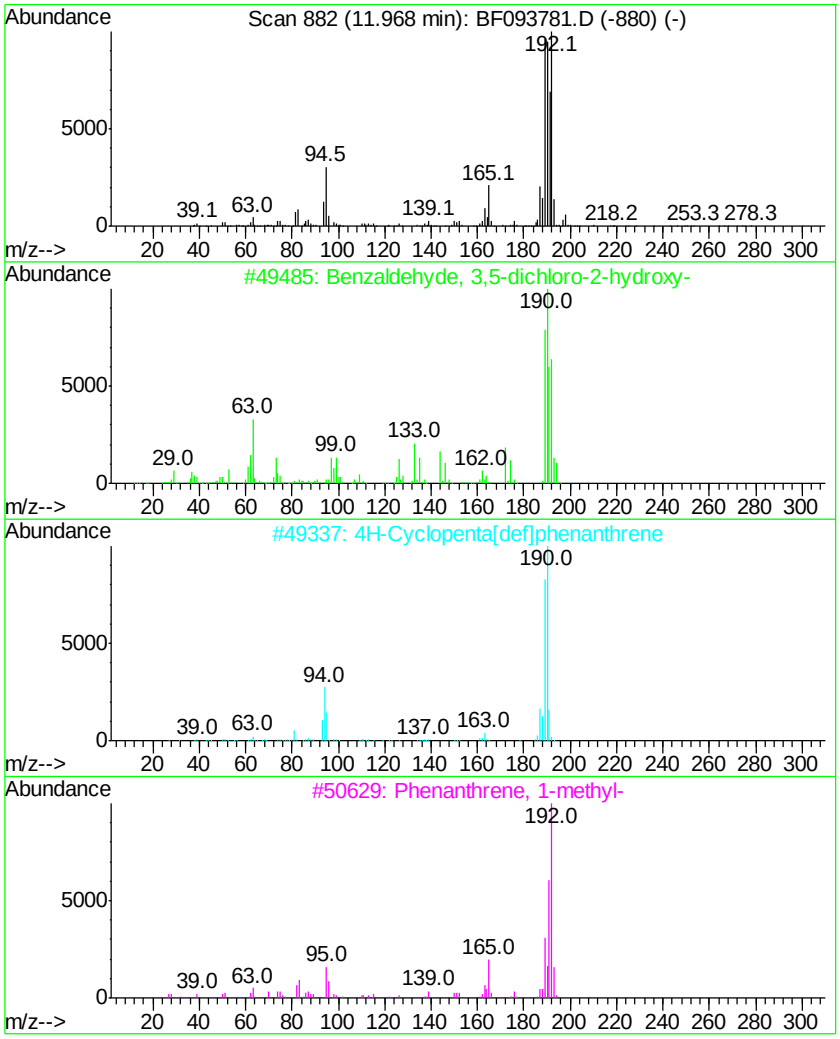
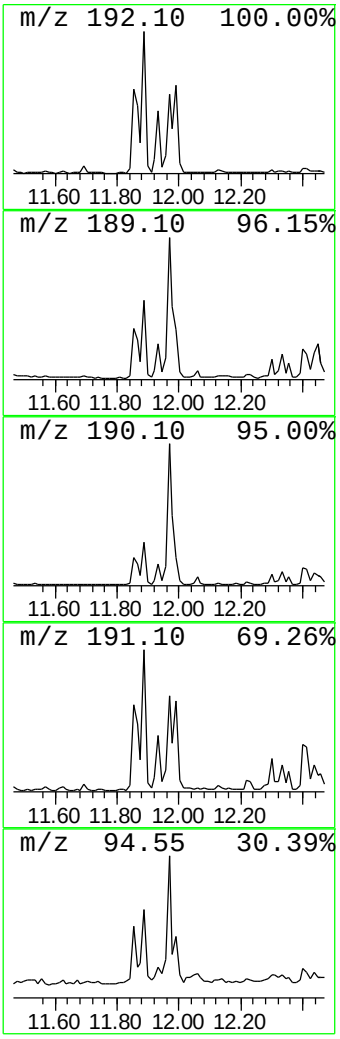
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.13 ng	5241870	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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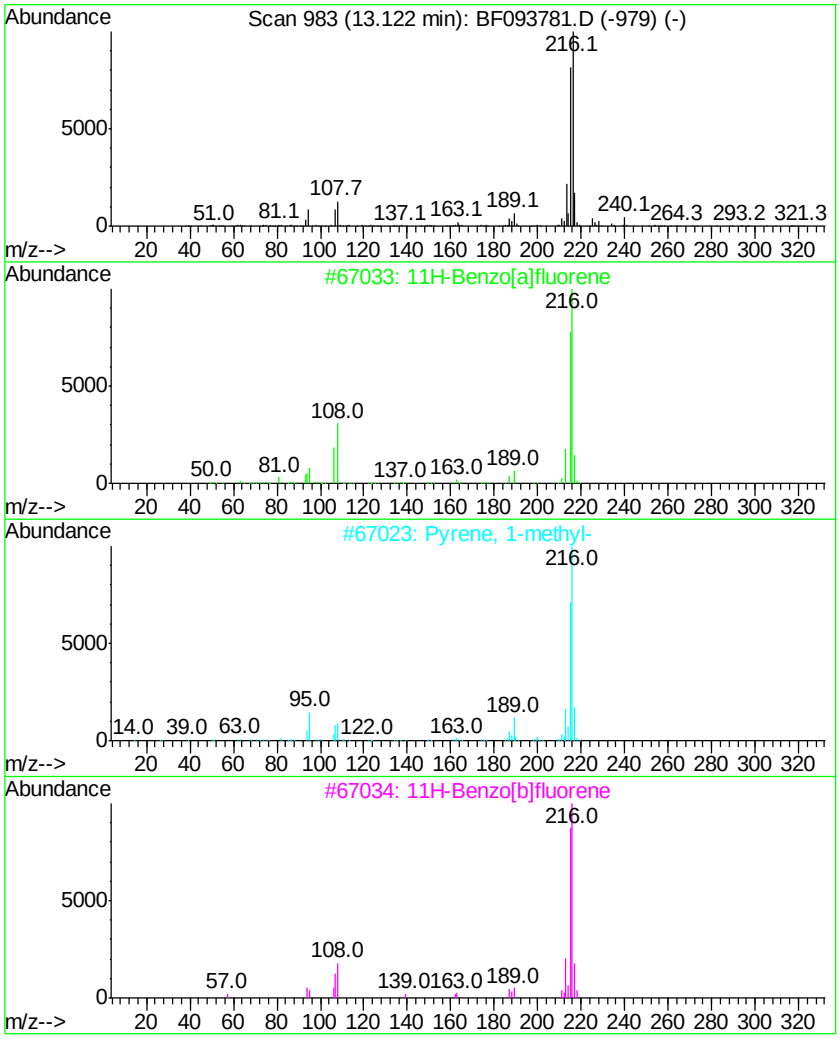
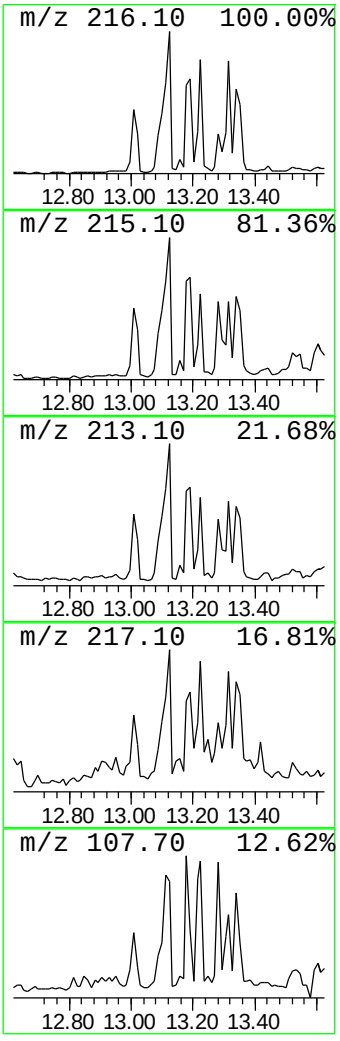
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	11.98 ng	2276180	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

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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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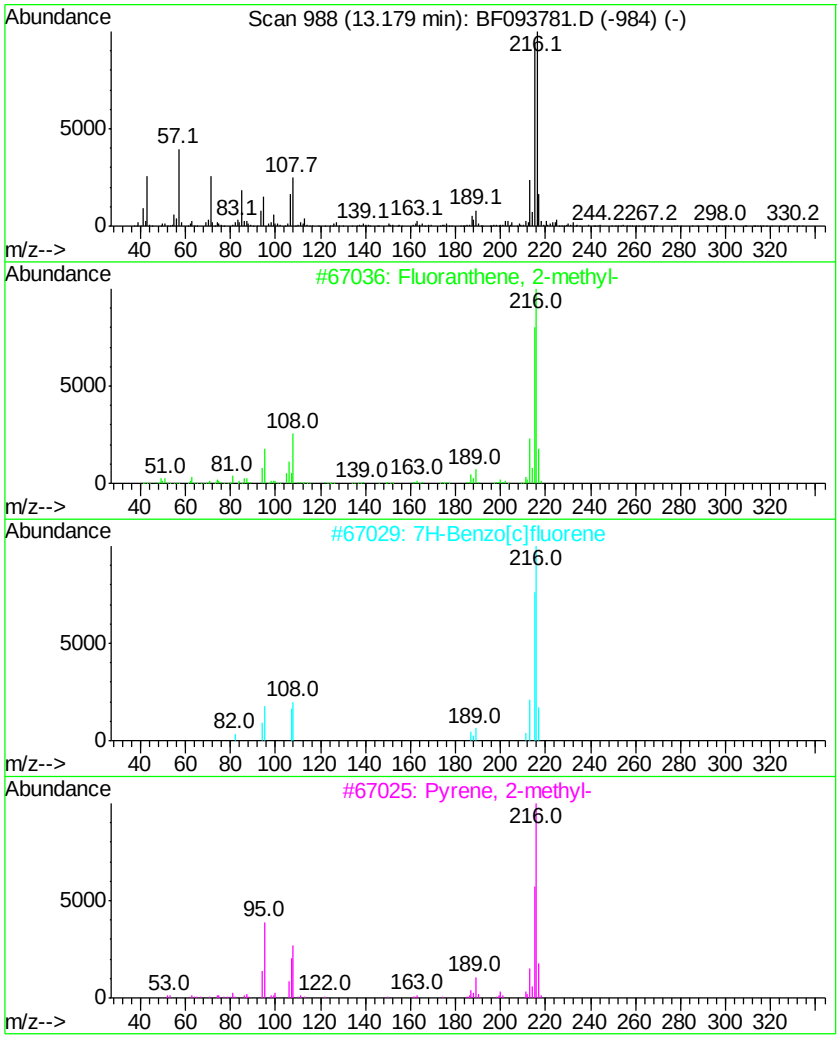
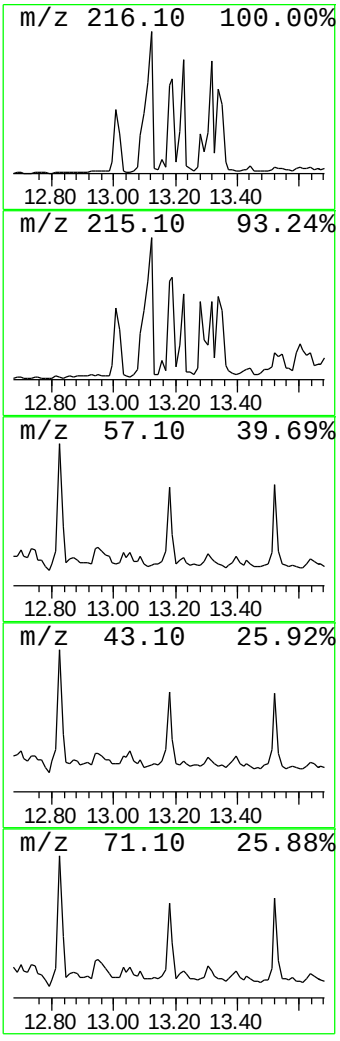
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	11.25 ng	2137320	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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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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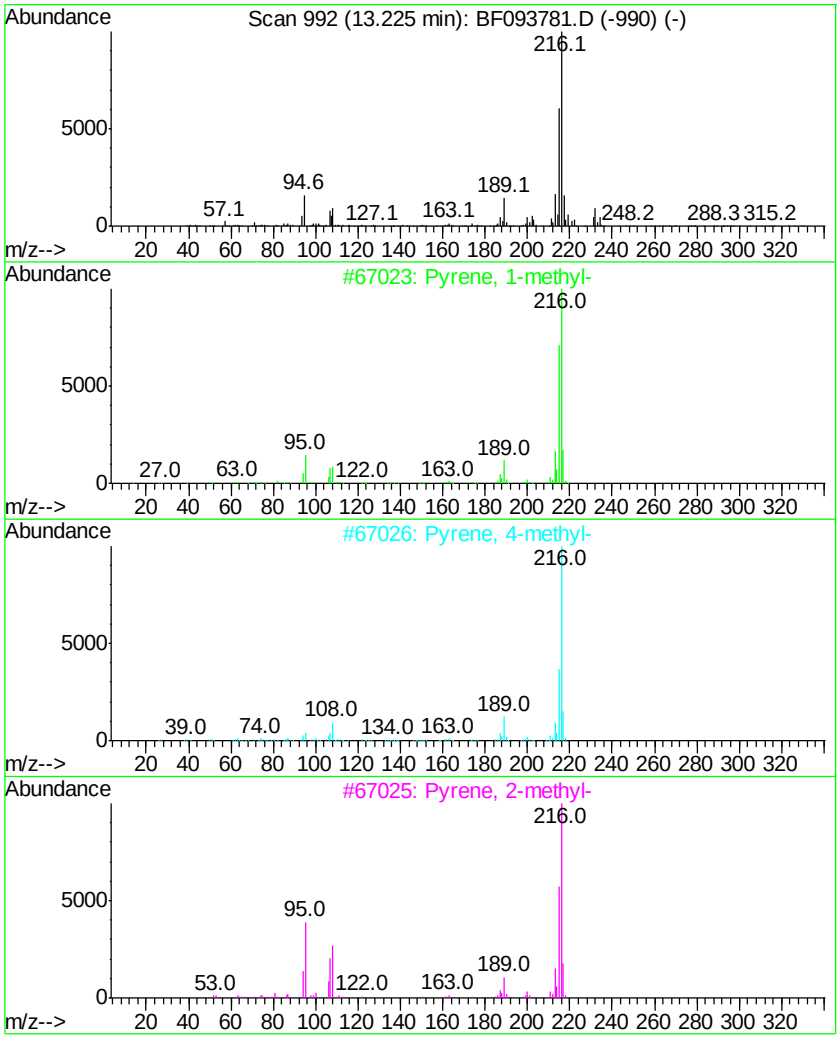
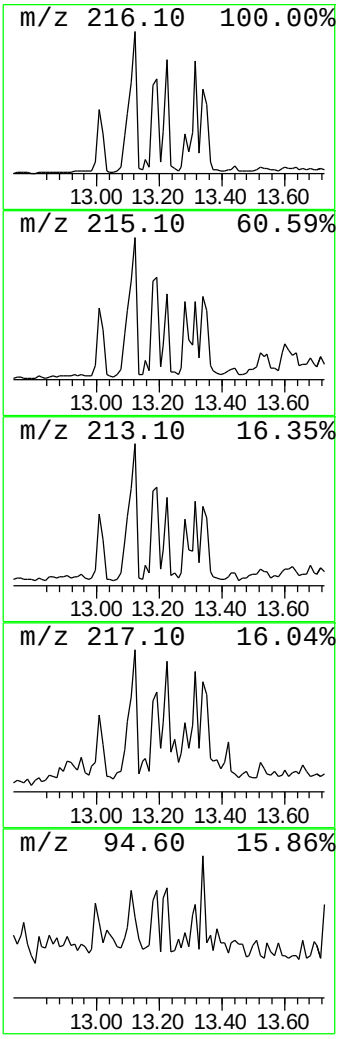
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	8.51 ng	1616590	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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TIC Library : C:\DATABASE\NIST02.L
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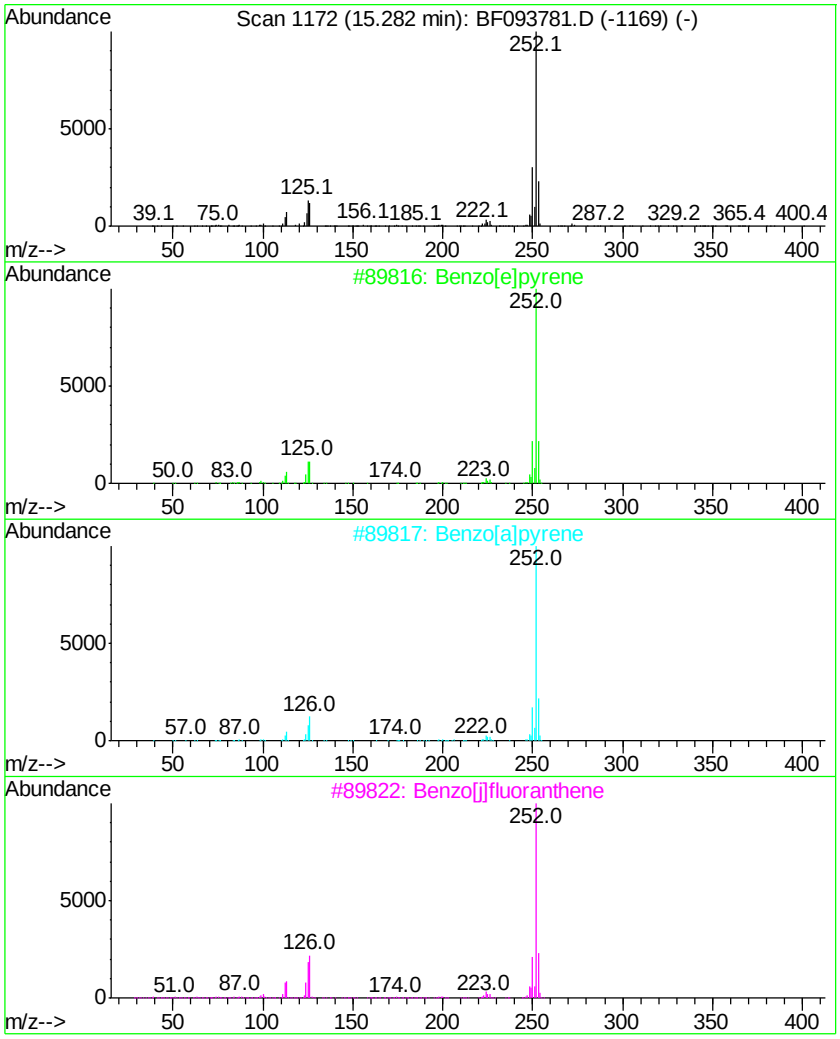
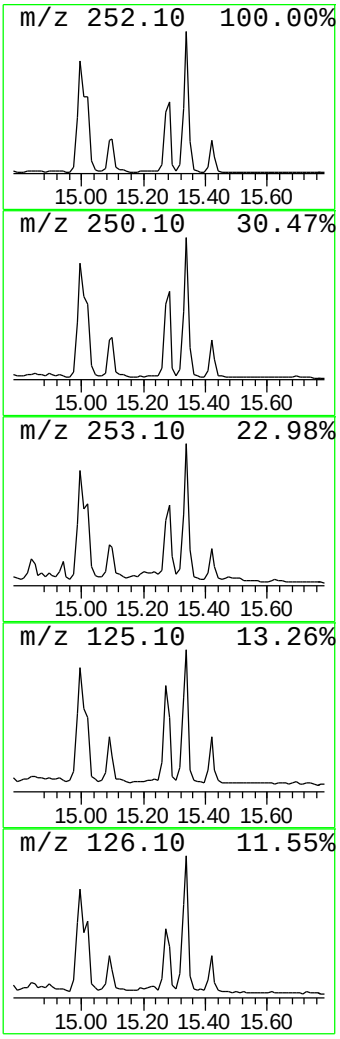
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	26.14 ng	1134820	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

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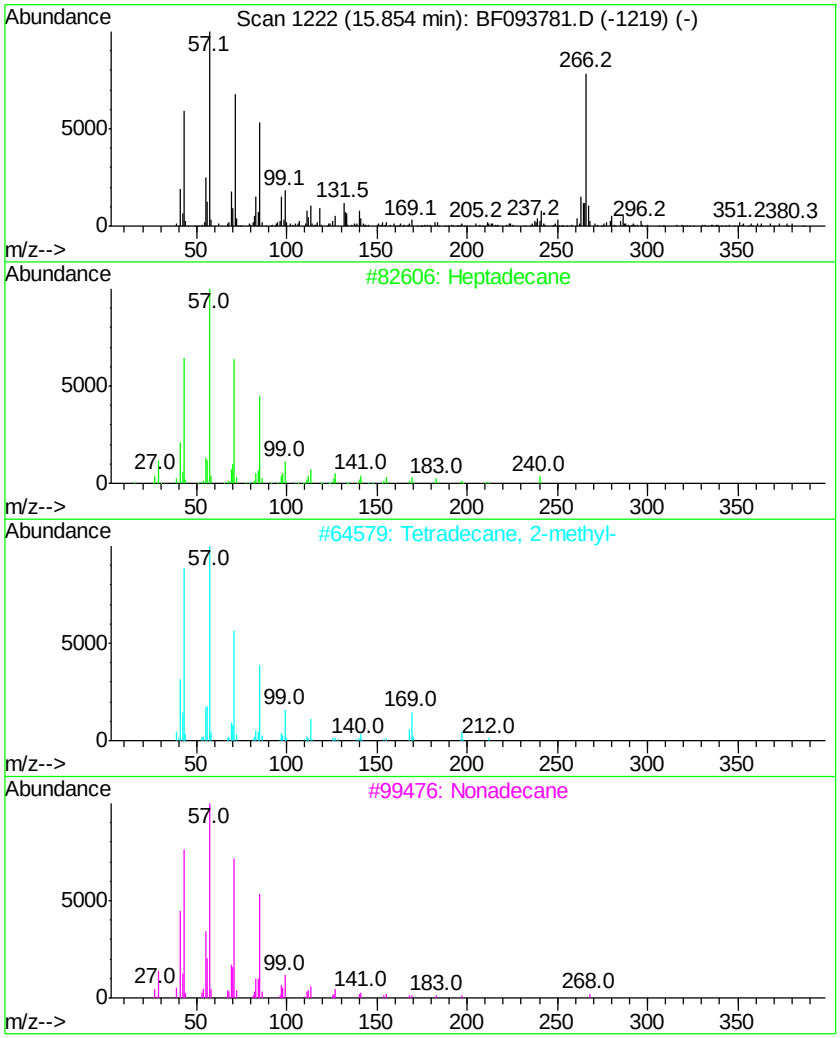
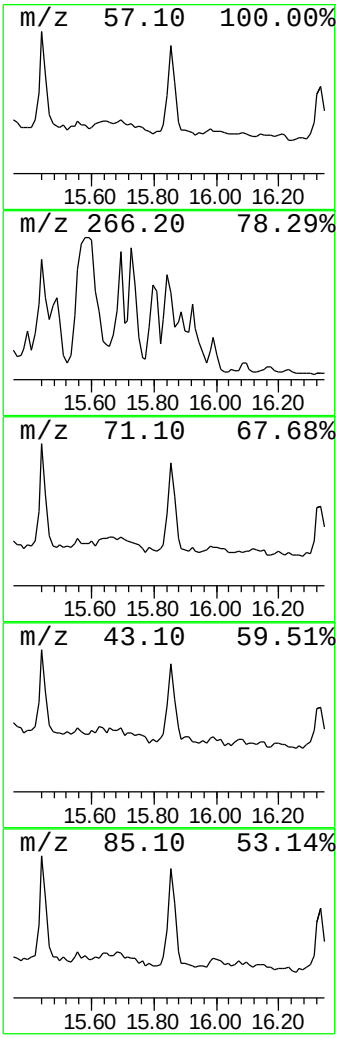
Peak Number 18 unknown15.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	12.11 ng	525966	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	42
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	42
3	Nonadecane	268	C19H40	000629-92-5	42
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	42
5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	38





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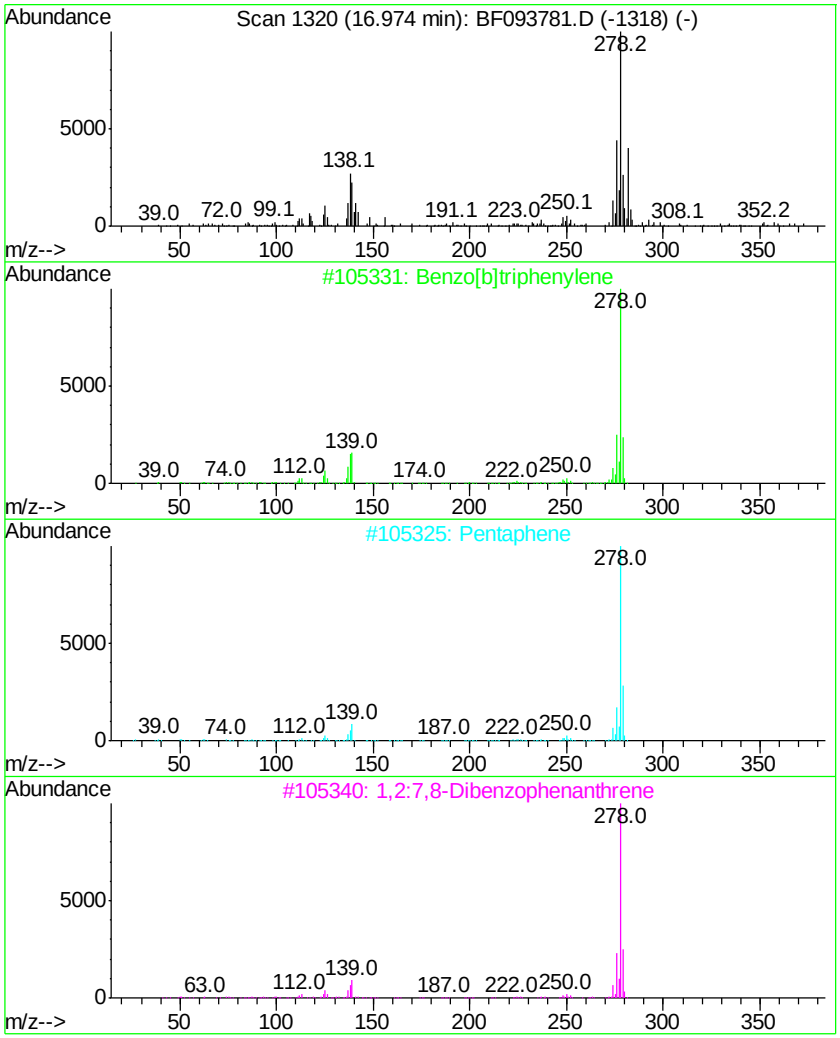
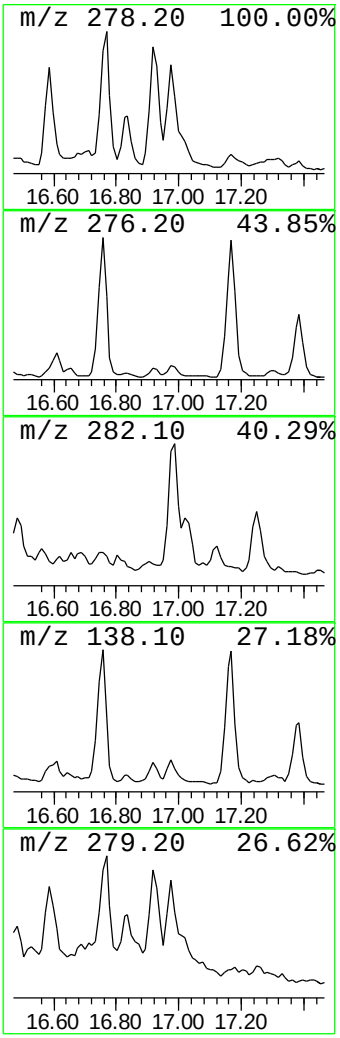
Peak Number 19 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	13.57 ng	588984	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	91
2	Pentaphene	278	C22H14	000222-93-5	89
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89
4	Benzo[b]chrysene	278	C22H14	000214-17-5	87
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	50





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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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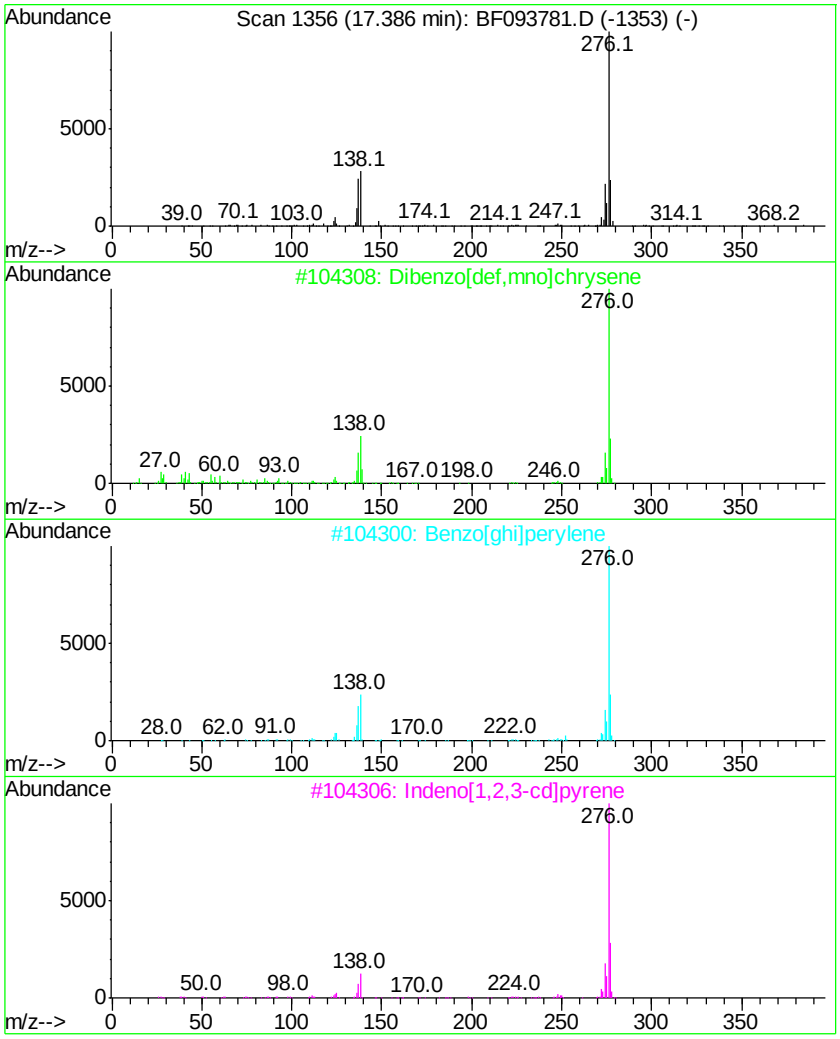
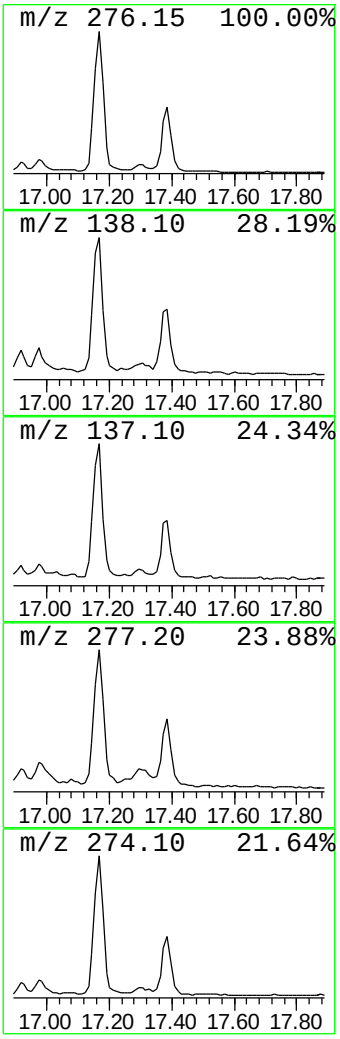
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	10.57 ng	459042	Perylene-d12	15.40

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	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	49
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032017\
Data File : BF093781.D
Acq On : 20 Mar 2017 23:05
Operator : SJ/MA
Sample : I2318-03 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-CT-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.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
Indane	7.02	10.5	ng	745302	1	6.84	1416910	20.0
Indene	7.10	18.2	ng	1286640	1	6.84	1416910	20.0
Naphthalene, 1-et...	9.40	13.0	ng	1646690	3	9.88	2533500	20.0
Naphthalene, 1,7-...	9.46	22.6	ng	2864180	3	9.88	2533500	20.0
Naphthalene, 2,3-...	9.53	27.2	ng	3451100	3	9.88	2533500	20.0
Naphthalene, 2-et...	9.60	7.8	ng	989518	3	9.88	2533500	20.0
Naphthalene, 2-(1...	9.98	7.9	ng	1003440	3	9.88	2533500	20.0
3-(2-Methyl-prope...	10.18	10.9	ng	1383490	3	9.88	2533500	20.0
Naphthalene, 2,3,...	10.29	10.1	ng	1282280	3	9.88	2533500	20.0
Benzaldehyde, 3,5...	11.97	9.1	ng	5241870	4	11.35	11483700	20.0
11H-Benzo[a]fluorene	13.12	12.0	ng	2276180	5	13.98	3800260	20.0
Fluoranthene, 2-m...	13.18	11.3	ng	2137320	5	13.98	3800260	20.0
Pyrene, 1-methyl-	13.23	8.5	ng	1616590	5	13.98	3800260	20.0
Benzo[e]pyrene	15.28	26.1	ng	1134820	6	15.40	868328	20.0
unknown15.85	15.85	12.1	ng	525966	6	15.40	868328	20.0
Benzo[b]triphenylene	16.97	13.6	ng	588984	6	15.40	868328	20.0
Dibenzo[def,mno]c...	17.39	10.6	ng	459042	6	15.40	868328	20.0