LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF012218.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	3.616	255	260	267	rVB2	37952	63741	1.26%	0.141%
2	4.898	475	478	489	rVB	52264	80135	1.58%	0.178%
3	5.322	546	550	563	rBV	2285367	2274148	44.84%	5.048%
4	6.351	722	725	739	rBV	1494248	1577591	31.10%	3.502%
5	6.487	743	748	751	rBV	4097778	3899837	76.89%	8.657%
6	6.710	783	786	794	rBV	1265632	1083593	21.36%	2.405%
7	6.869	809	813	815	rBV	4049610	3823223	75.38%	8.487%
8	6.886	815	816	822	rVV	554037	423823	8.36%	0.941%
9	6.957	825	828	835	rVB	146421	130931	2.58%	0.291%
10	7.051	841	844	849	rVB	94820	93272	1.84%	0.207%
11	7.245	869	877	879	rBV2	220627	238523	4.70%	0.529%
12	7.286	879	884	892	rVV	3155814	3442935	67.88%	7.643%
13	7.351	892	895	899	rVV	94557	105577	2.08%	0.234%
14	7.398	899	903	906	rVV	66873	83834	1.65%	0.186%
15	7.457	910	913	915	rVV2	113615	111404	2.20%	0.247%
16	7.481	915	917	921	rVB	238986	179393	3.54%	0.398%
17	7.563	927	931	934	rBV2	191112	176545	3.48%	0.392%
18	7.639	940	944	947	rBV2	131428	151572	2.99%	0.336%
19	7.663	947	948	954	rVB2	162689	159344	3.14%	0.354%
20	7.728	954	959	963	rBV2	509081	509706	10.05%	1.131%
21	7.928	990	993	996	rVB3	47741	51018	1.01%	0.113%
22	7.992	996	1004	1007	rBV	1554541	1853294	36.54%	4.114%
23	8.016	1007	1008	1010	rVV	440504	315254	6.22%	0.700%
24	8.039	1010	1012	1016	rVV	261330	238487	4.70%	0.529%
25	8.081	1016	1019	1023	rVB2	97388	85542	1.69%	0.190%
26	8.145	1027	1030	1033	rVV2	123342	135183	2.67%	0.300%
27	8.186	1035	1037	1041	rVV	361611	355309	7.01%	0.789%
28	8.239	1043	1046	1048	rVV	329143	314898	6.21%	0.699%
29	8.269	1048	1051	1057	rVV5	153764	250846	4.95%	0.557%
30	8.316	1057	1059	1066	rVV5	88771	106953	2.11%	0.237%
31	8.375	1066	1069	1073	rVB	261849	231035	4.56%	0.513%
32	8.463	1080	1084	1087	rBV3	266838	311837	6.15%	0.692%
33	8.498	1087	1090	1092	rVB	132599	117933	2.33%	0.262%
34	8.551	1097	1099	1102	rVB	150290	111840	2.21%	0.248%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.586	1102	1105	1108	rBV2	148705	224456	4.43%	0.498%
36	8.651	1113	1116	1119	rVB2	300060	252947	4.99%	0.561%
37	8.681	1119	1121	1123	rBV2	66549	56741	1.12%	0.126%
38	8.786	1134	1139	1141	rBV4	71299	114575	2.26%	0.254%
39	8.816	1141	1144	1146	rVV	369810	331571	6.54%	0.736%
40	8.845	1148	1149	1153	rVB	137293	112638	2.22%	0.250%
41	8.892	1153	1157	1159	rBV4	84032	112940	2.23%	0.251%
42	8.933	1162	1164	1166	rVB2	91109	78475	1.55%	0.174%
43	9.010	1173	1177	1178	rBV2	77752	111301	2.19%	0.247%
44	9.028	1178	1180	1183	rVV3	103106	104271	2.06%	0.231%
45	9.075	1183	1188	1191	rVV	5234917	5071987	100.00%	11.259%
46	9.122	1193	1196	1198	rVV	177611	188794	3.72%	0.419%
47	9.169	1202	1204	1206	rVV	79900	71961	1.42%	0.160%
48	9.216	1209	1212	1214	rVV2	235146	212831	4.20%	0.472%
49	9.239	1214	1216	1221	rVB	112500	104387	2.06%	0.232%
50	9.339	1227	1233	1237	rBV6	119924	225406	4.44%	0.500%
51	9.404	1239	1244	1249	rVV3	445661	619474	12.21%	1.375%
52	9.463	1252	1254	1257	rVV2	218504	187037	3.69%	0.415%
53	9.522	1261	1264	1269	rVB4	184530	249659	4.92%	0.554%
54	9.604	1275	1278	1283	rBV5	63548	80365	1.58%	0.178%
55	9.675	1288	1290	1294	rVB2	86350	68107	1.34%	0.151%
56	9.745	1299	1302	1306	rBV	1545683	1419975	28.00%	3.152%
57	9.875	1320	1324	1327	rVB	777729	703528	13.87%	1.562%
58	9.951	1334	1337	1342	rVV3	132869	214703	4.23%	0.477%
59	9.992	1342	1344	1347	rVB3	97190	85769	1.69%	0.190%
60	10.063	1353	1356	1362	rBV3	228423	285416	5.63%	0.634%
61	10.175	1373	1375	1378	rVB2	184883	142257	2.80%	0.316%
62	10.239	1383	1386	1389	rBV3	73440	80772	1.59%	0.179%
63	10.292	1392	1395	1397	rBV2	125956	109790	2.16%	0.244%
64	10.357	1403	1406	1409	rBV	390175	342369	6.75%	0.760%
65	10.539	1433	1437	1441	rBV	2199891	2316461	45.67%	5.142%
66	10.657	1452	1457	1464	rVB5	205754	379708	7.49%	0.843%
67	10.733	1467	1470	1472	rVB2	60934	56655	1.12%	0.126%
68	10.869	1490	1493	1497	rBV2	192905	171982	3.39%	0.382%
69	10.974	1509	1511	1518	rVB5	86578	149942	2.96%	0.333%
70	11.122	1533	1536	1542	rVB5	77749	109612	2.16%	0.243%
71	11.233	1551	1555	1561	rBV	1272651	1038627	20.48%	2.306%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.351	1571	1575	1580	rBV2	76870	91788	1.81%	0.204%
73	11.998	1682	1685	1690	rVB2	101223	110608	2.18%	0.246%
74	12.280	1729	1733	1736	rBV2	70787	83218	1.64%	0.185%
75	12.633	1790	1793	1797	rBV	235752	204059	4.02%	0.453%
76	12.821	1820	1825	1828	rBV	3407382	3298131	65.03%	7.321%
77	13.339	1910	1913	1916	rVB	142516	122665	2.42%	0.272%
78	13.710	1973	1976	1983	rVB	74994	84996	1.68%	0.189%
79	13.868	2000	2003	2010	rBV	864384	878691	17.32%	1.951%
80	15.298	2241	2246	2254	rBV	641209	785298	15.48%	1.743%
81	15.709	2313	2316	2321	rVB2	41097	57050	1.12%	0.127%
82	16.174	2393	2395	2402	rVB2	39923	56379	1.11%	0.125%

Sum of corrected areas: 45048928

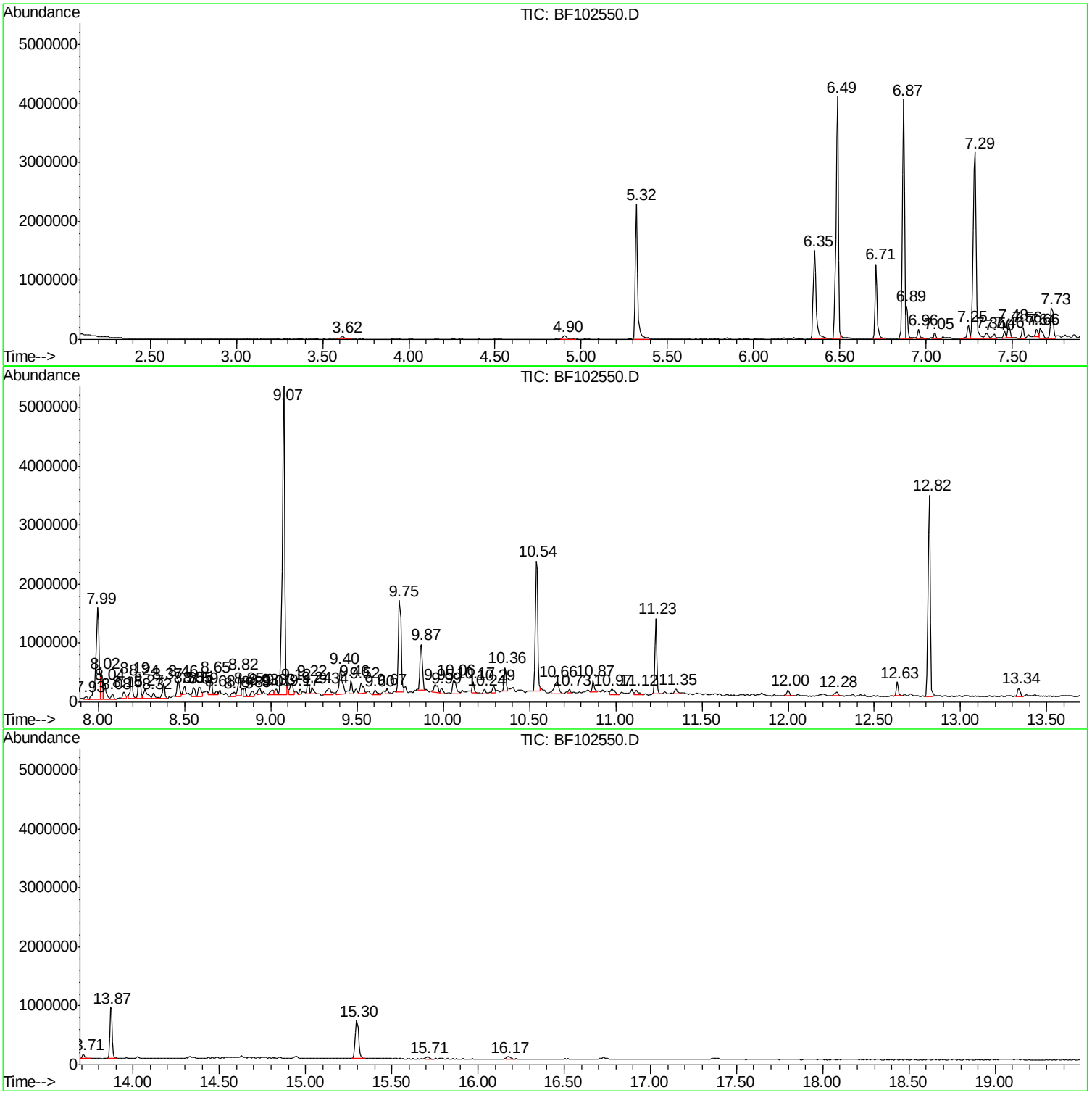
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

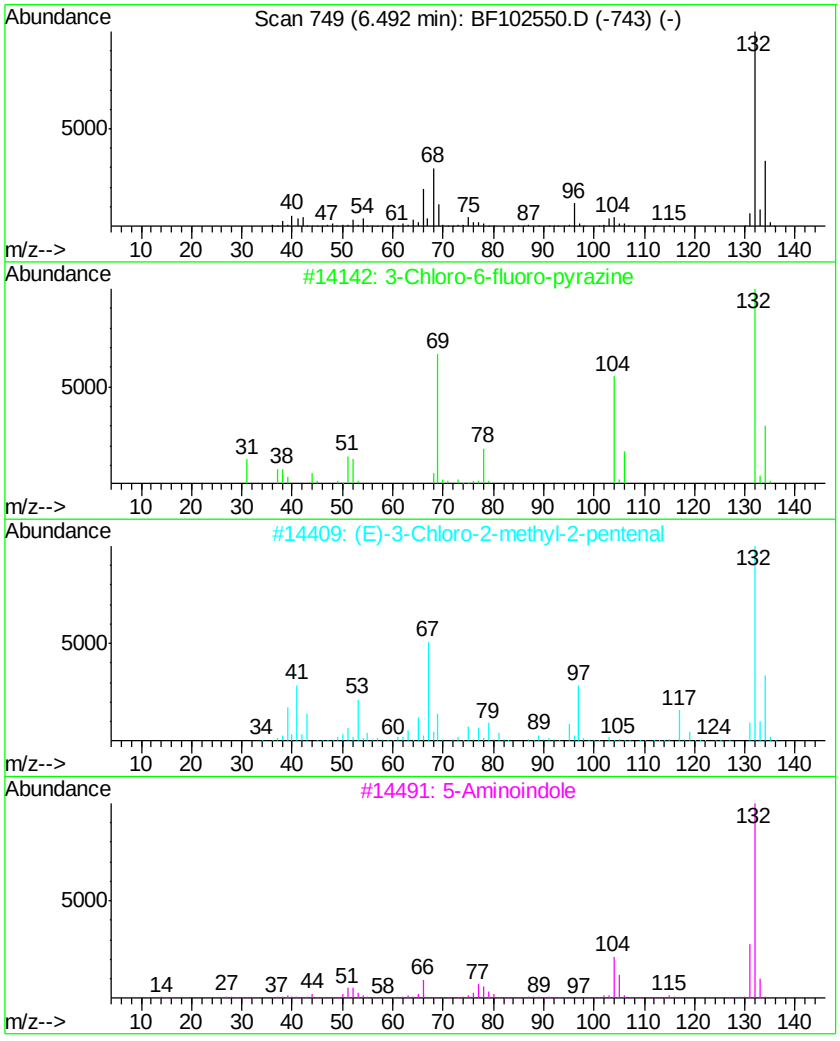
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

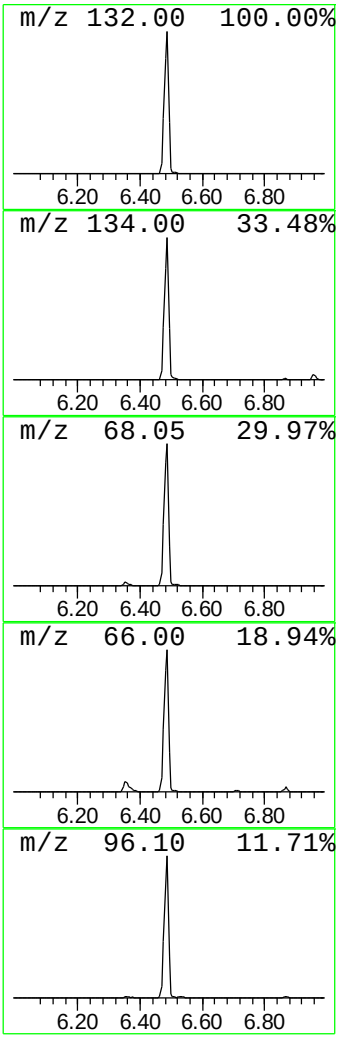
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	71.98 ng	3899840	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

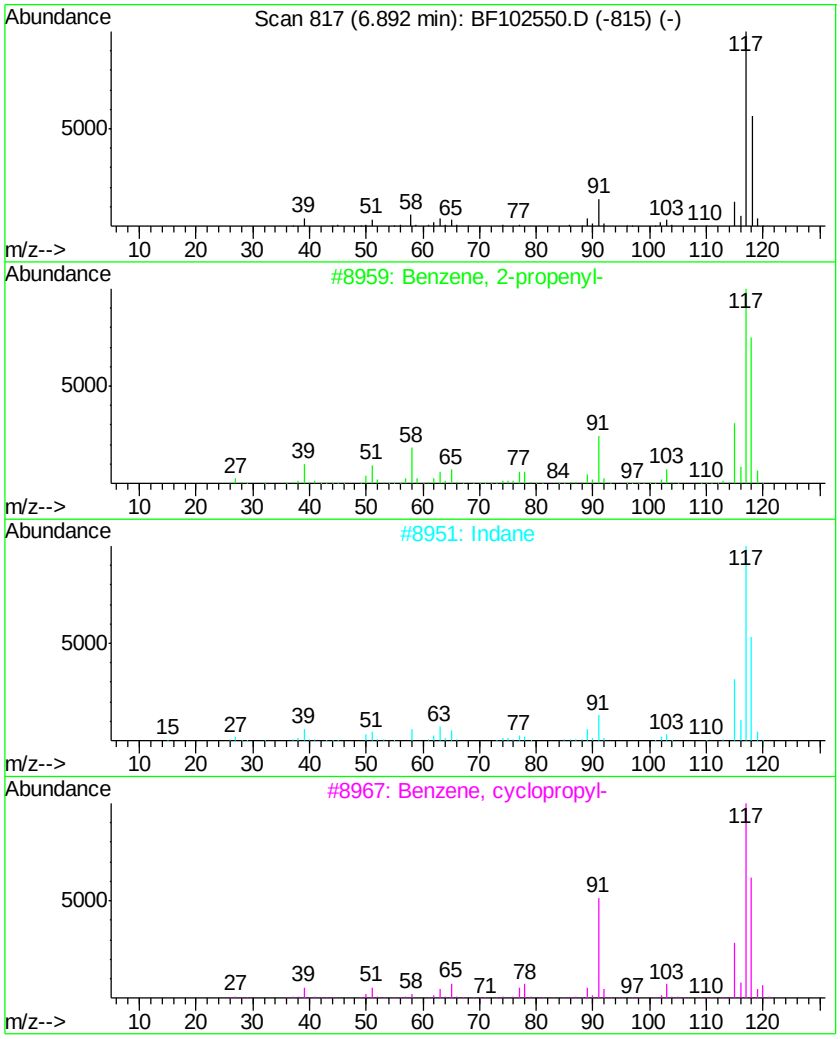
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

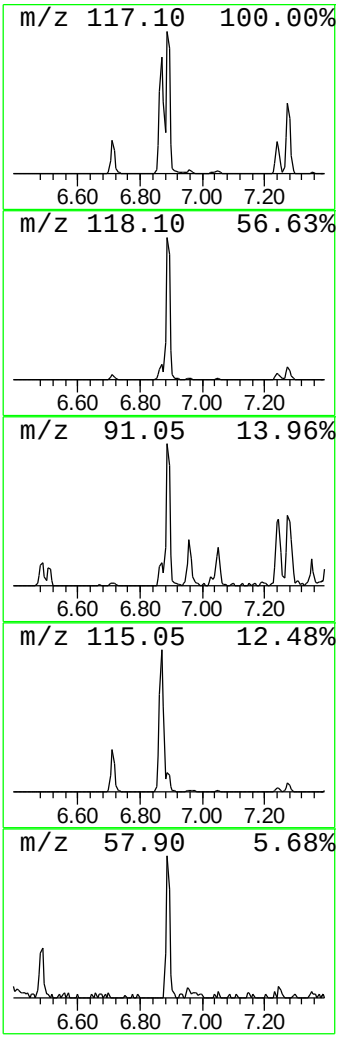
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	7.82 ng	423823	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Indane	118	C9H10	000496-11-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

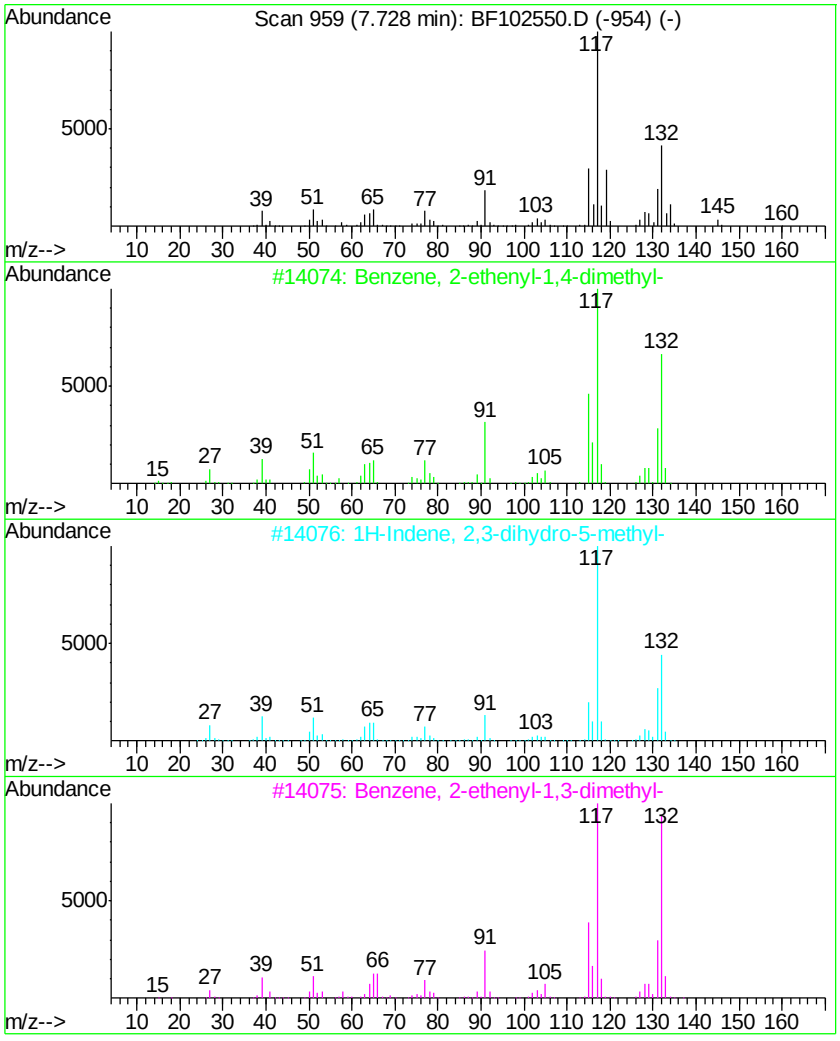
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

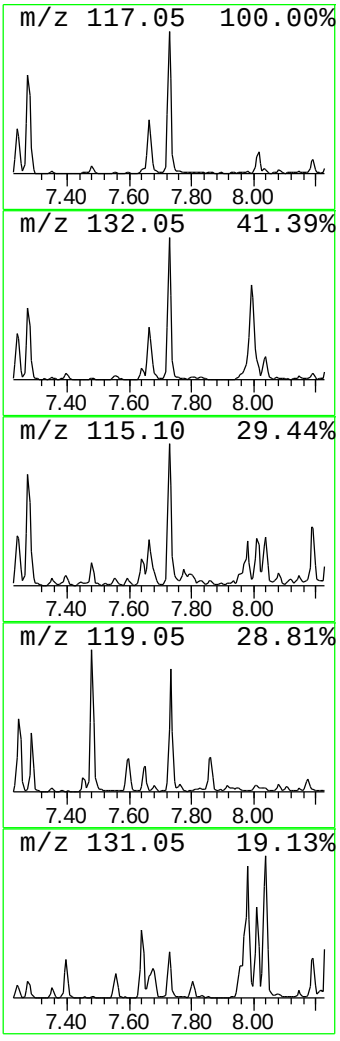
****

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	5.50 ng	509706	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
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Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

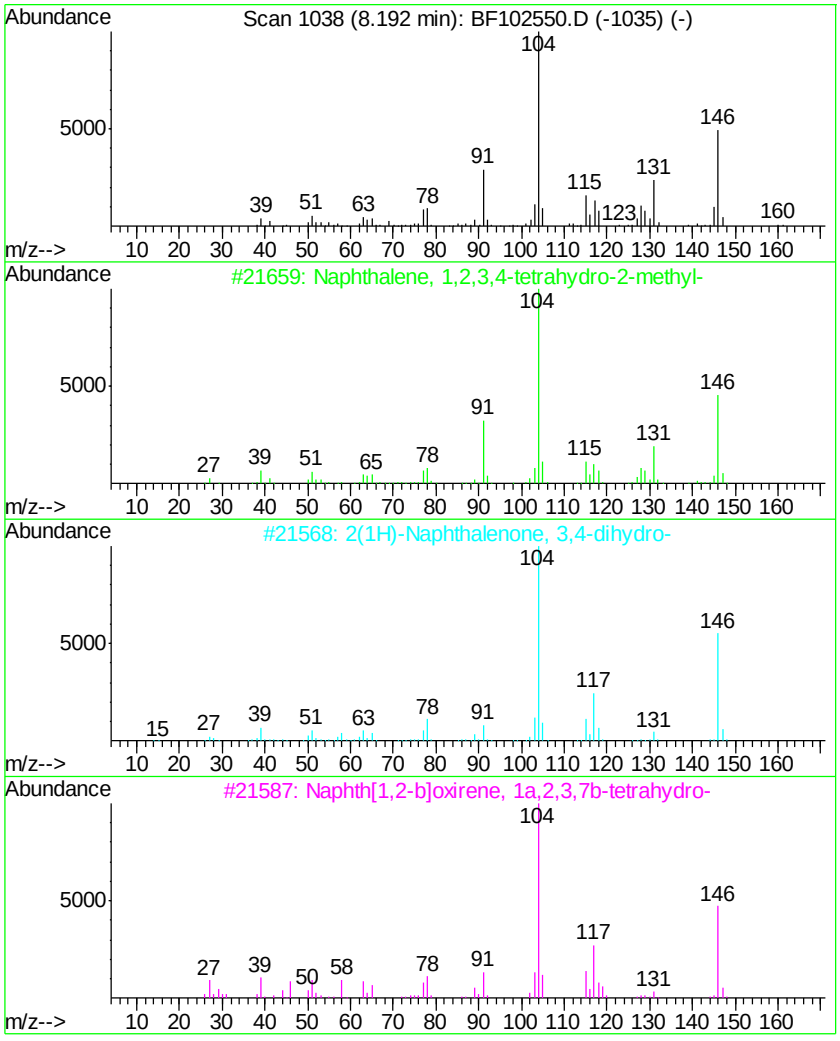
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

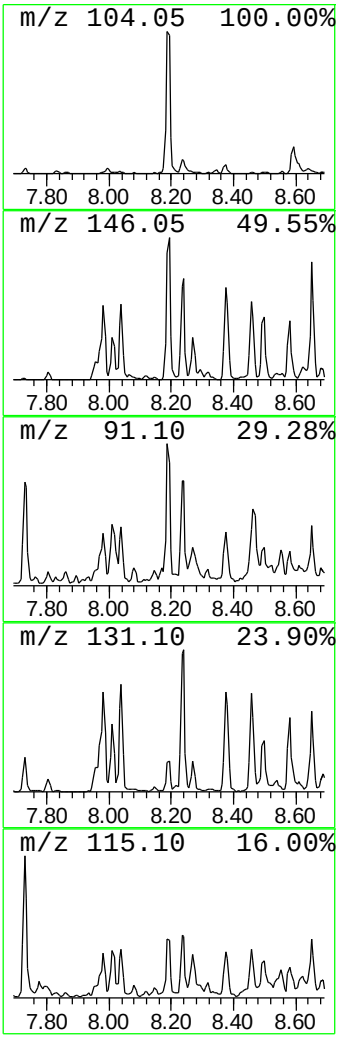
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.83 ng	355309	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	45
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

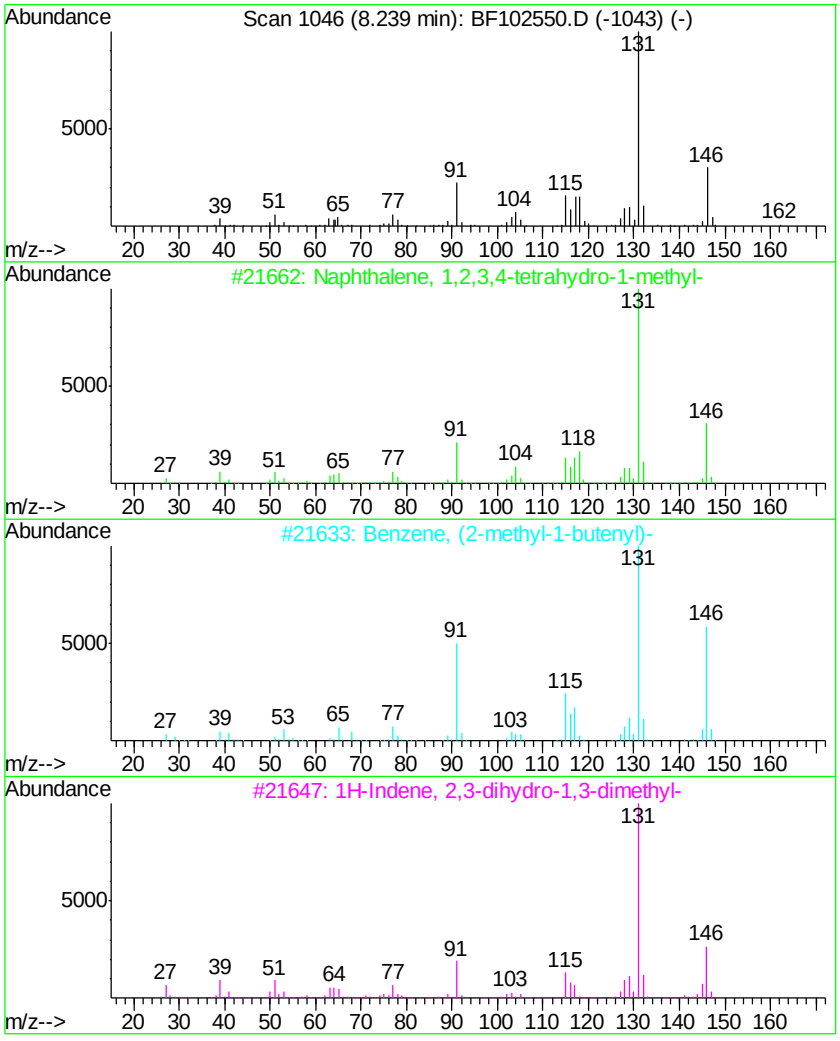
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

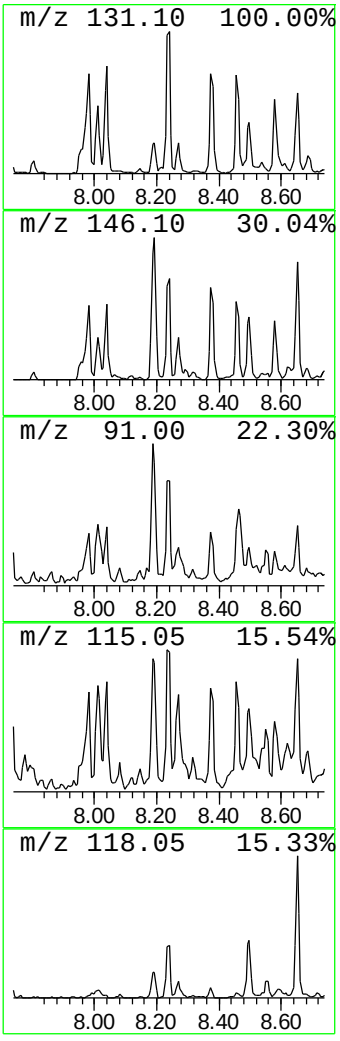
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	3.40 ng	314898	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

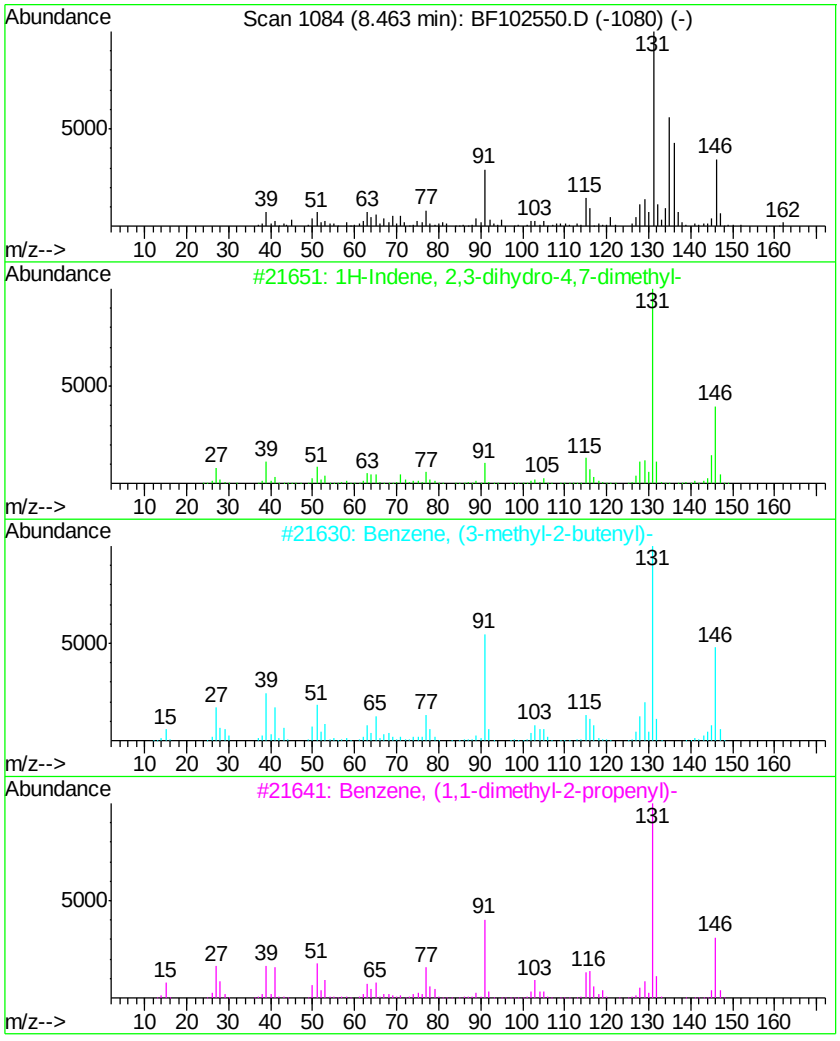
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

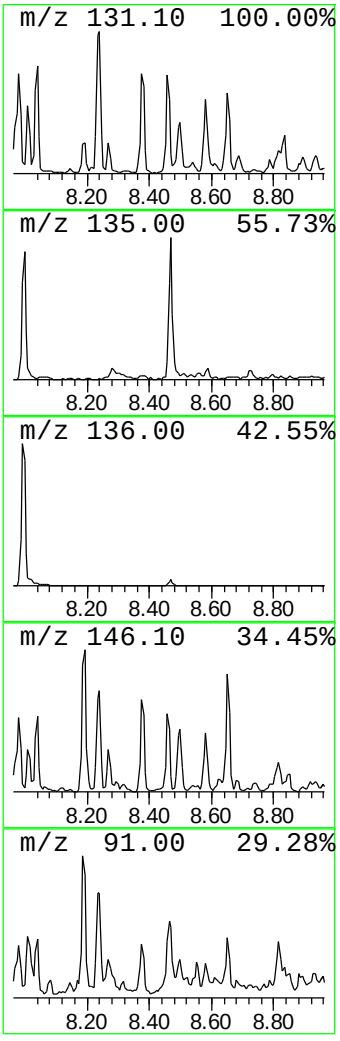
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	3.37 ng	311837	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	60
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60





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Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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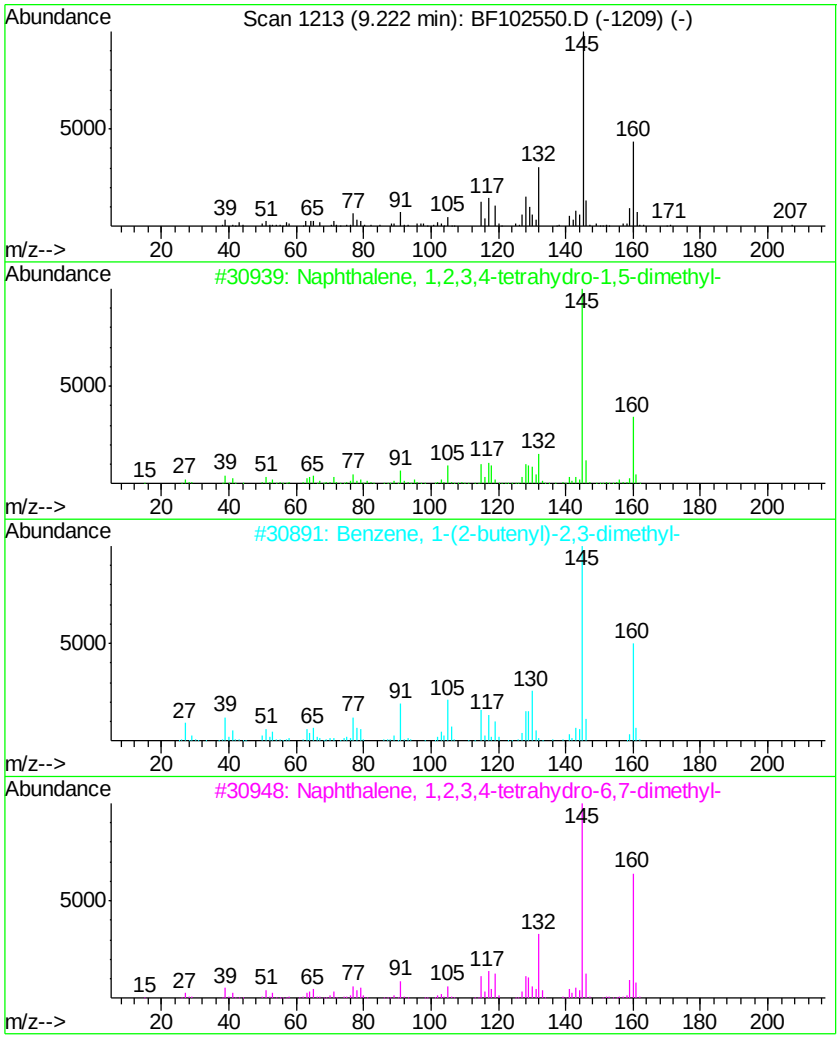
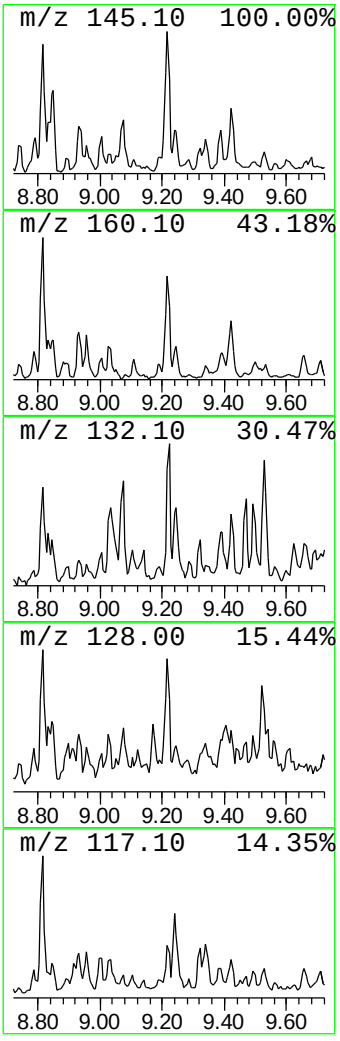
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.00 ng	212831	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	95
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93





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Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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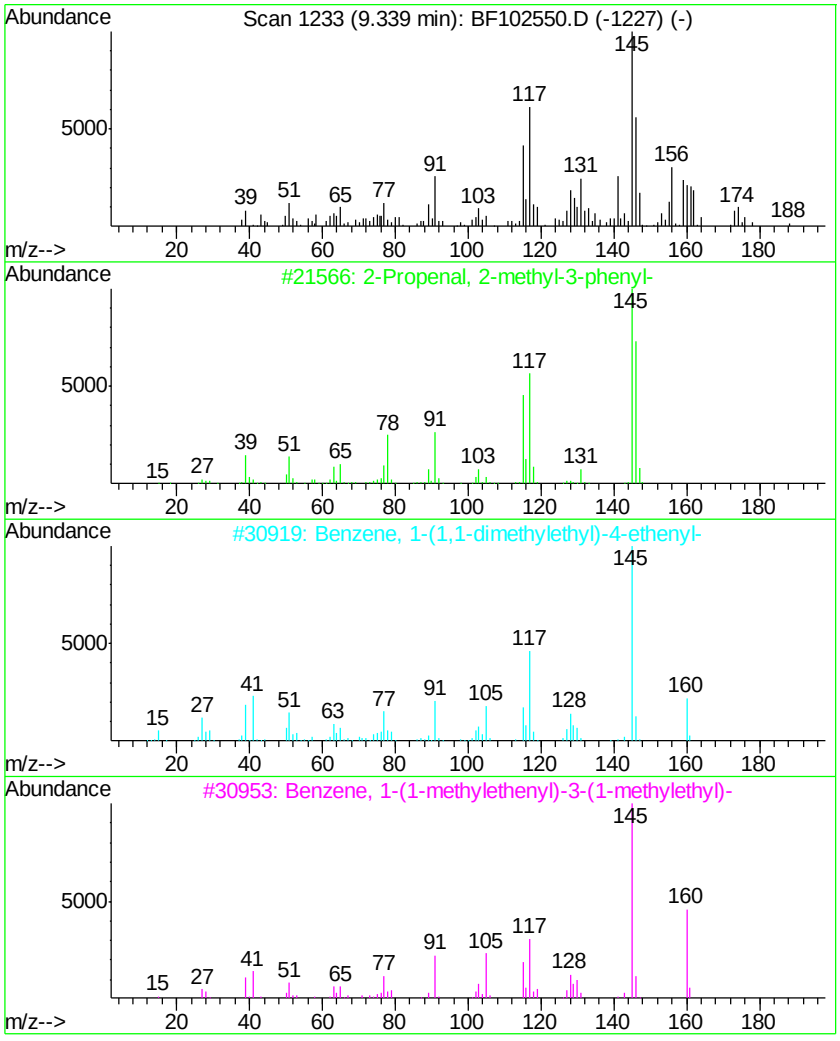
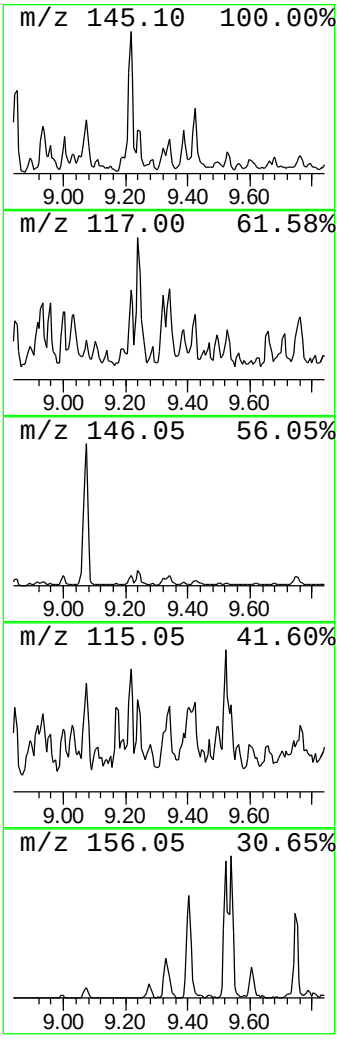
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.17 ng	225406	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	50
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	43
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	38





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Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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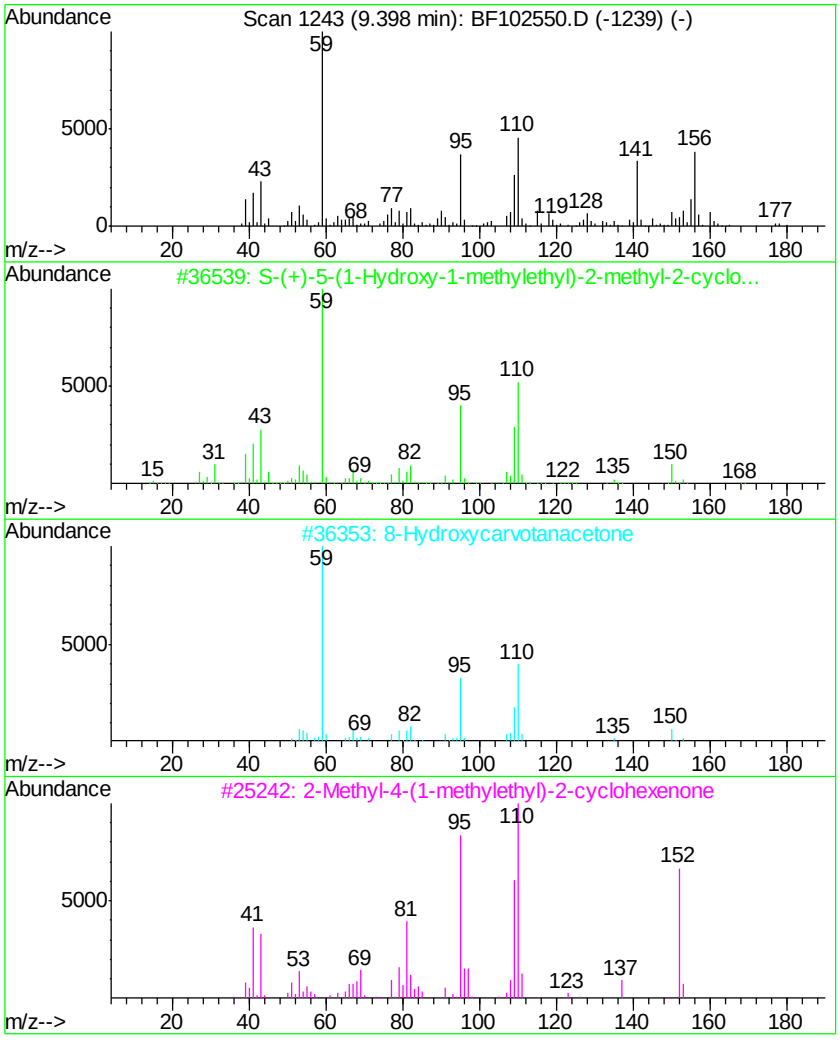
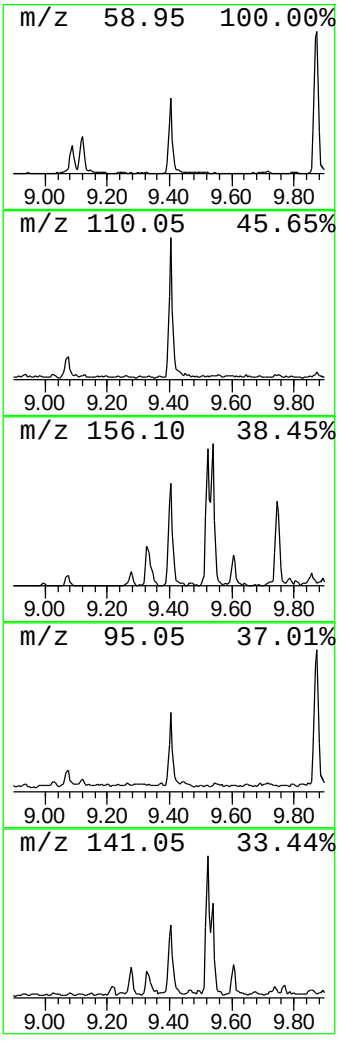
Peak Number 11 S-(+)-5-(1-Hydroxy-1-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	8.73 ng	619474	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-(+)-5-(1-Hydroxy-1-methylethyl...	168	C10H16O2	060593-11-5	64
2	8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	58
3	2-Methyl-4-(1-methylethyl)-2-cyc...	152	C10H16O	041469-46-9	27
4	Phosphonofluoridothioic hydrazid...	156	C3H10FN2PS	036267-52-4	27
5	1-Pentanone, 1-(1H-imidazol-4-yl)-	152	C8H12N2O	069393-15-3	22





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Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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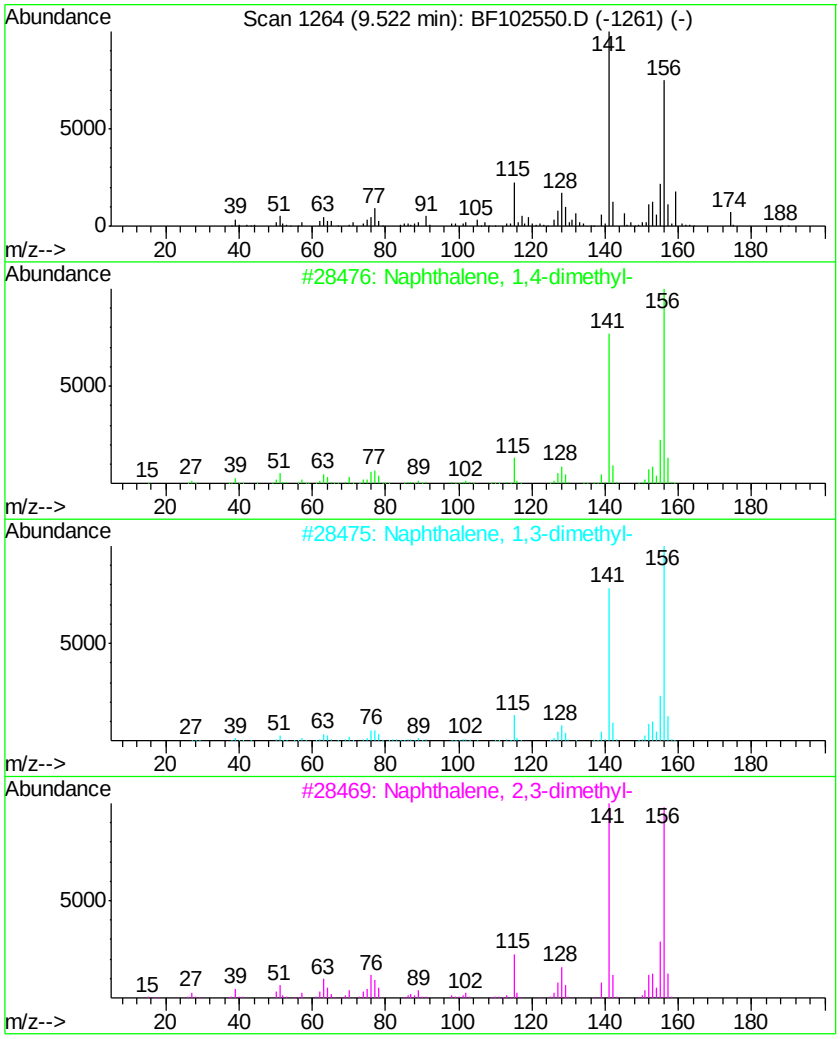
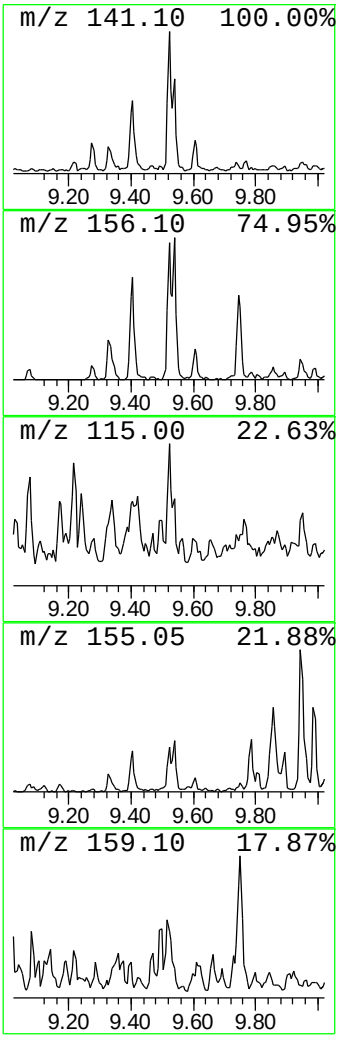
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.52 ng	249659	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91





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Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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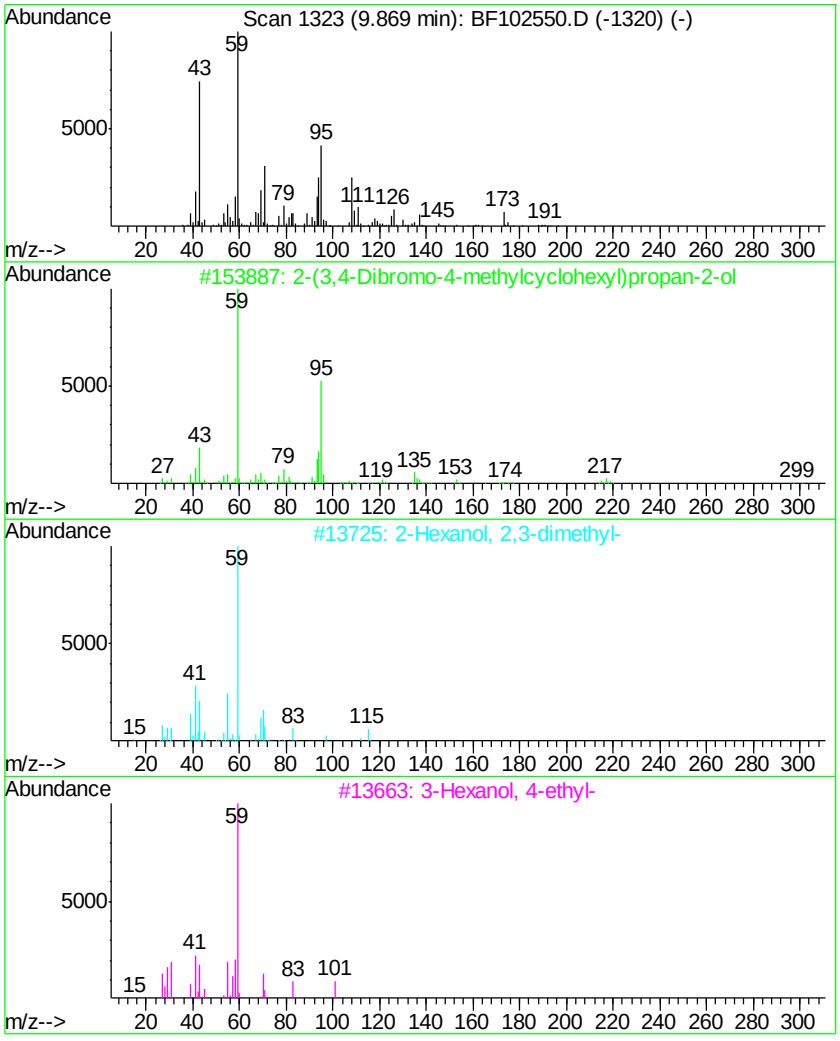
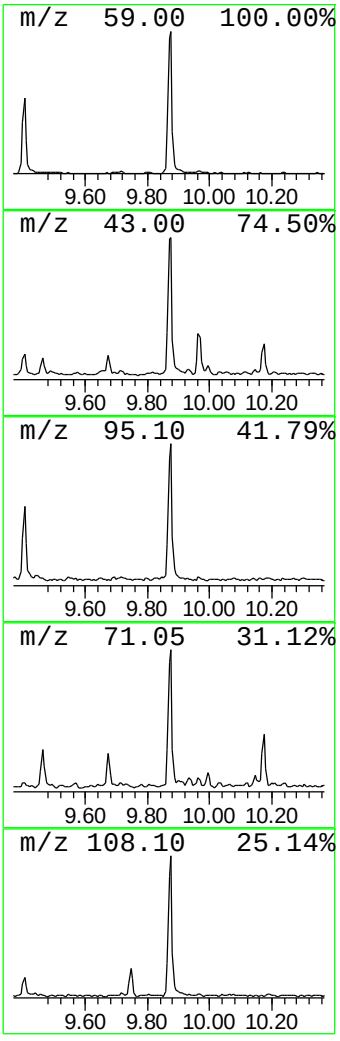
Peak Number 13 unknown9.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	9.91 ng	703528	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	47
2	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	27
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	27
4	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	25
5	8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	23





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Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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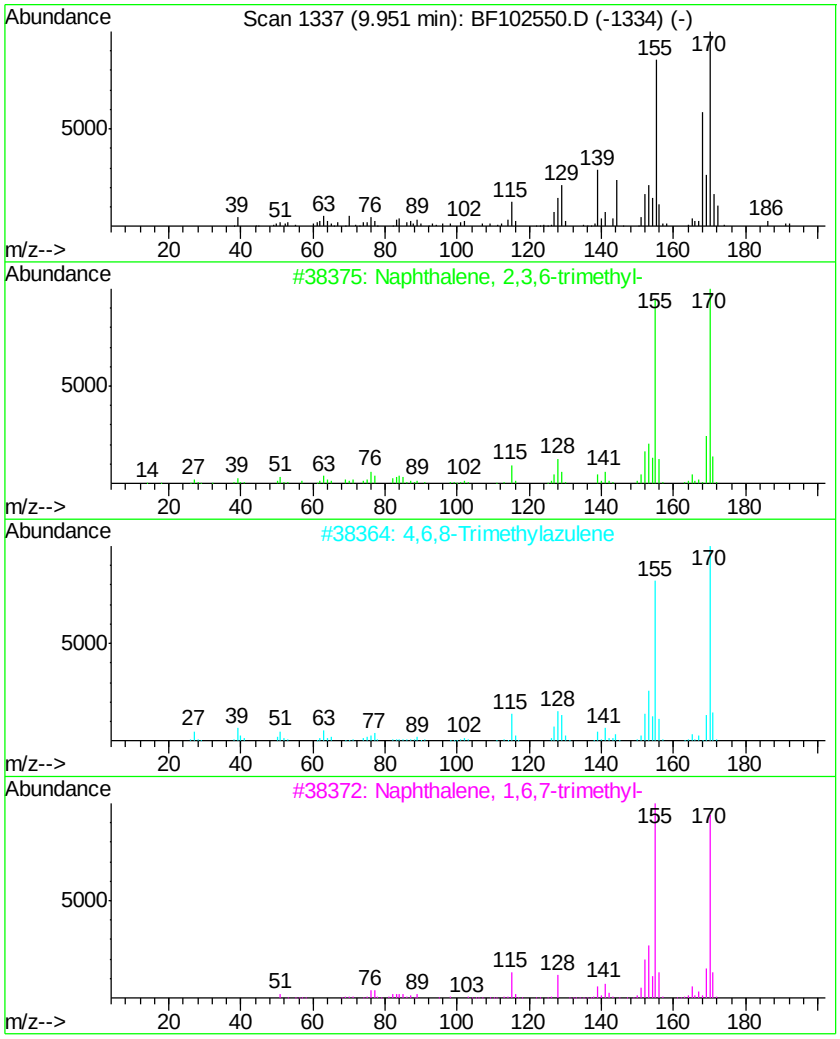
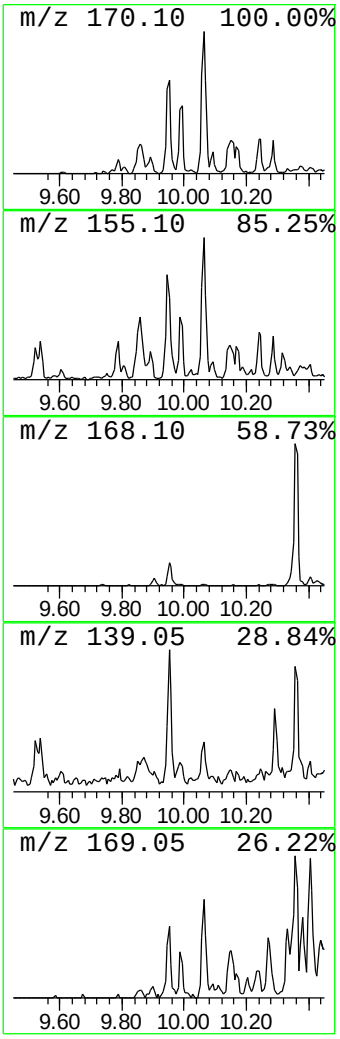
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.02 ng	214703	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83





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Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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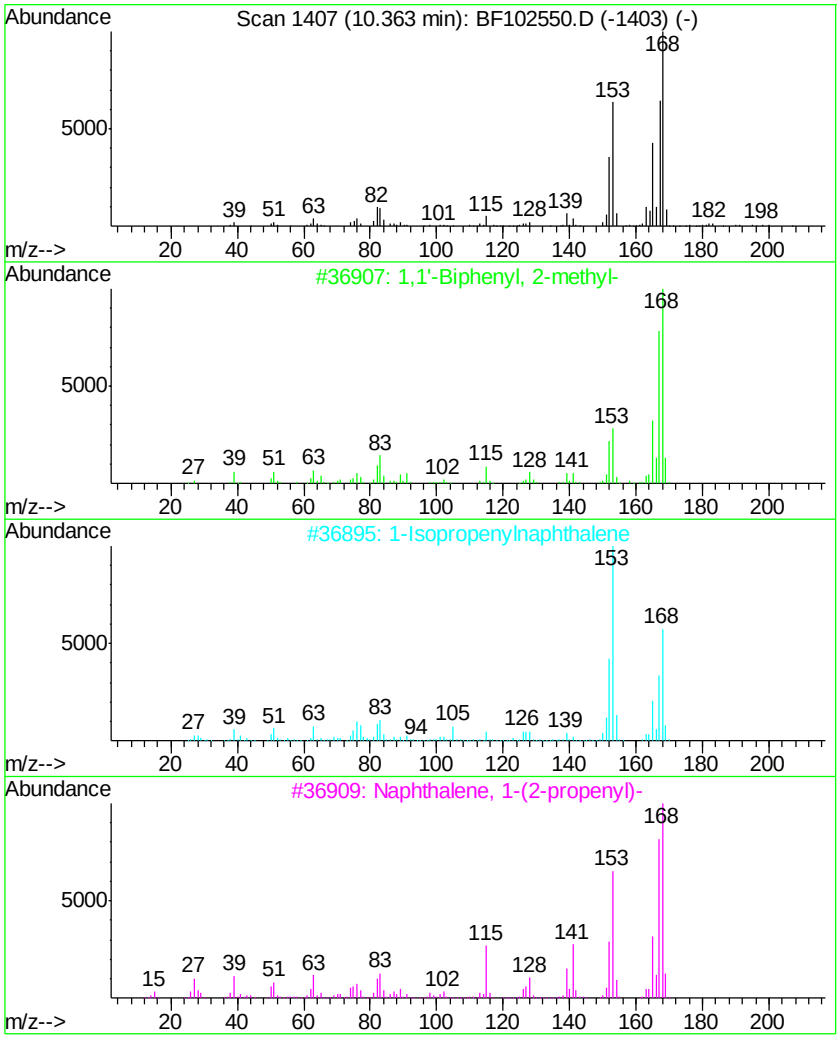
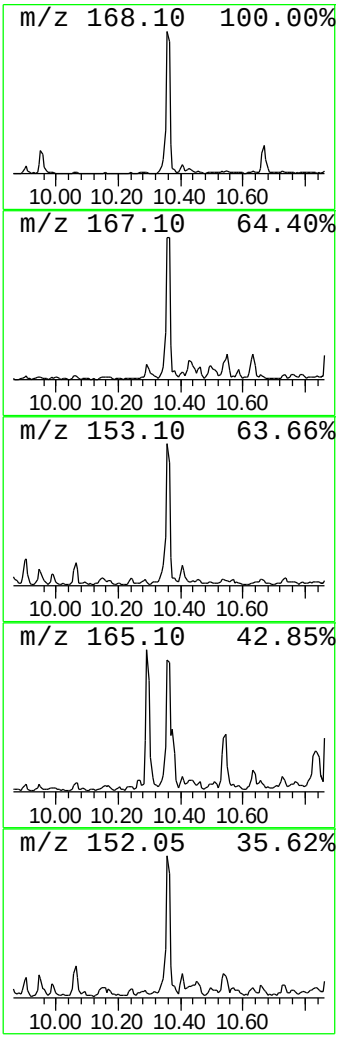
Peak Number 16 1,1'-Biphenyl, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	4.82 ng	342369	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60





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Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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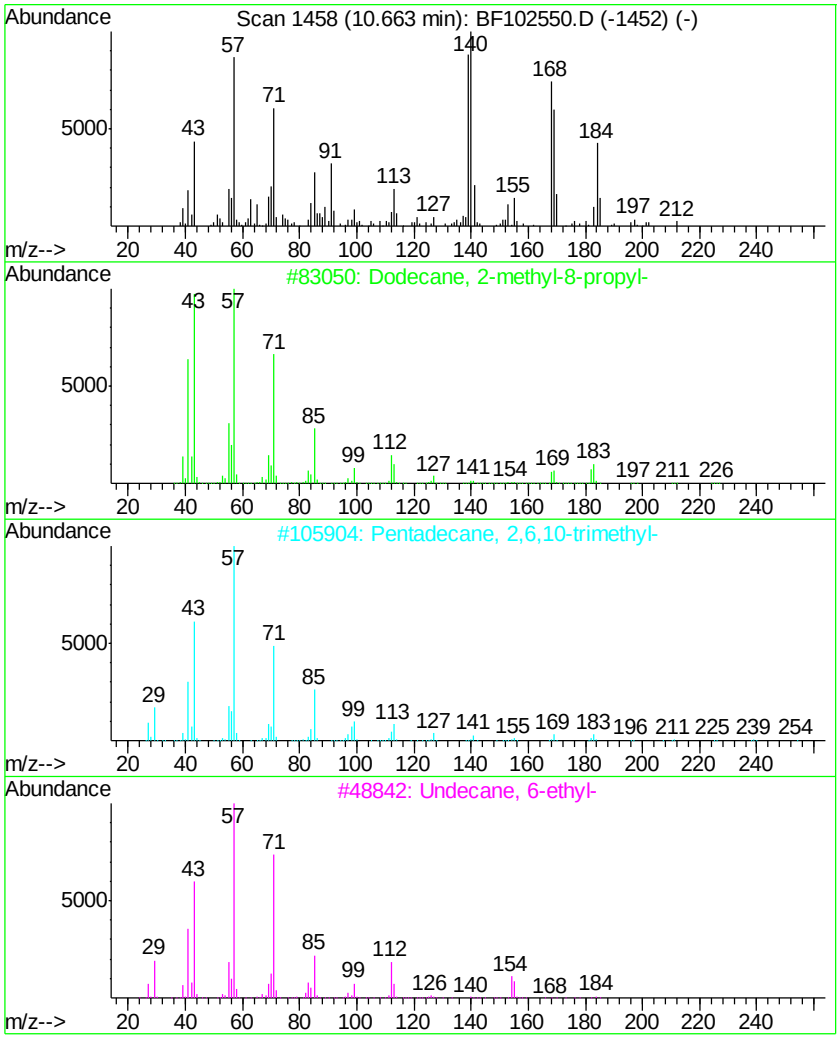
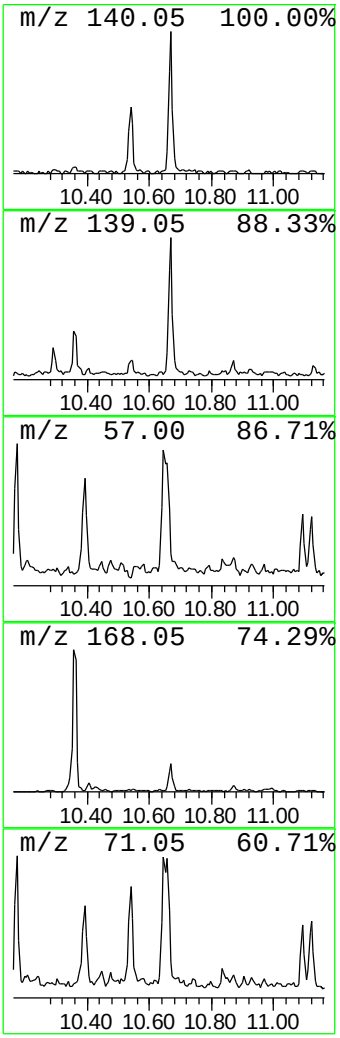
Peak Number 17 unknown10.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	7.31 ng	379708	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	27
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	25
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	25
4	Dodecane	170	C12H26	000112-40-3	20
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	18





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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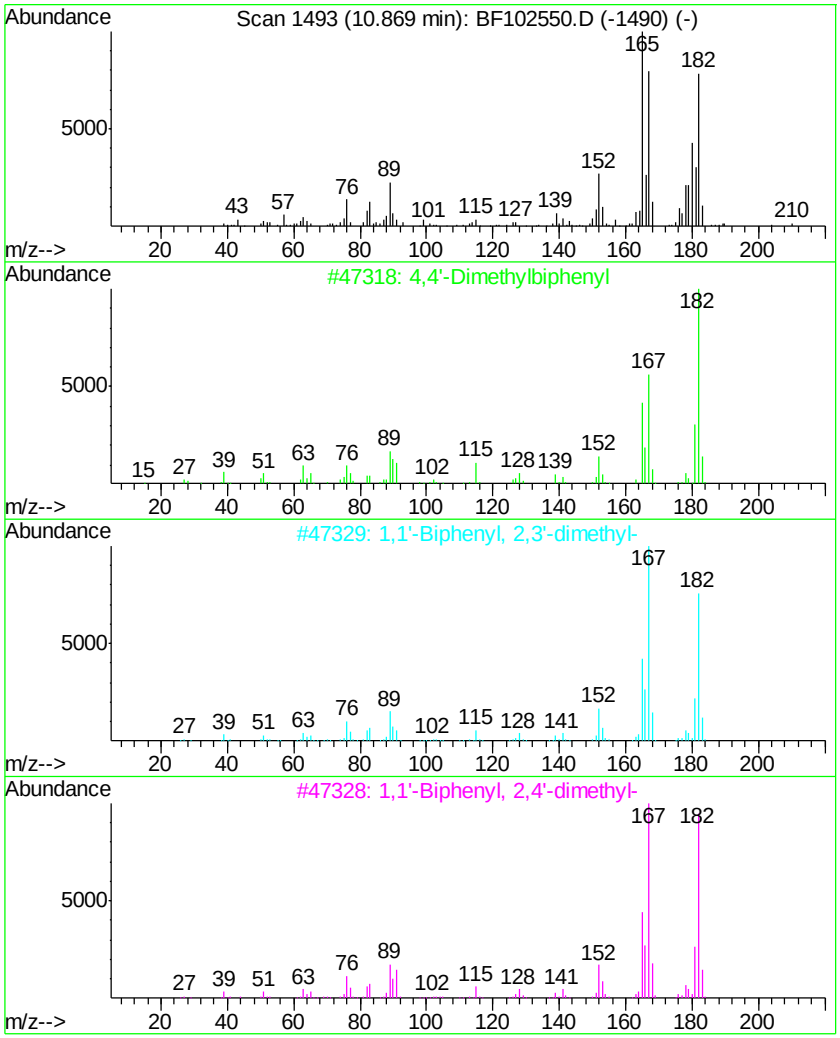
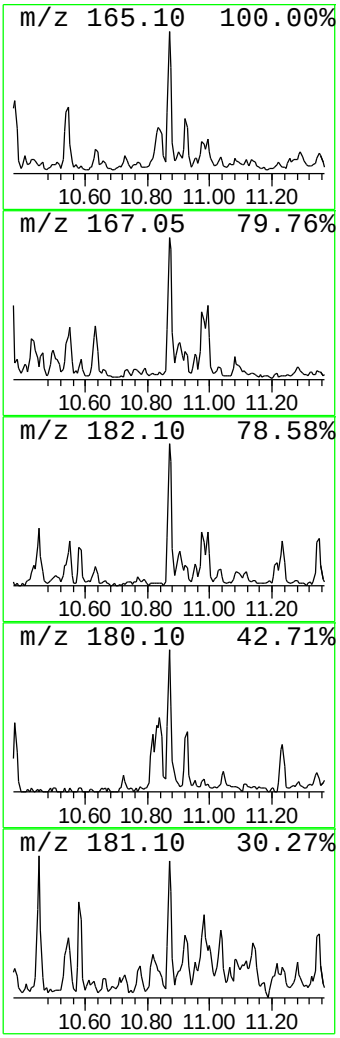
Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.31 ng	171982	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	55
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	55
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	55
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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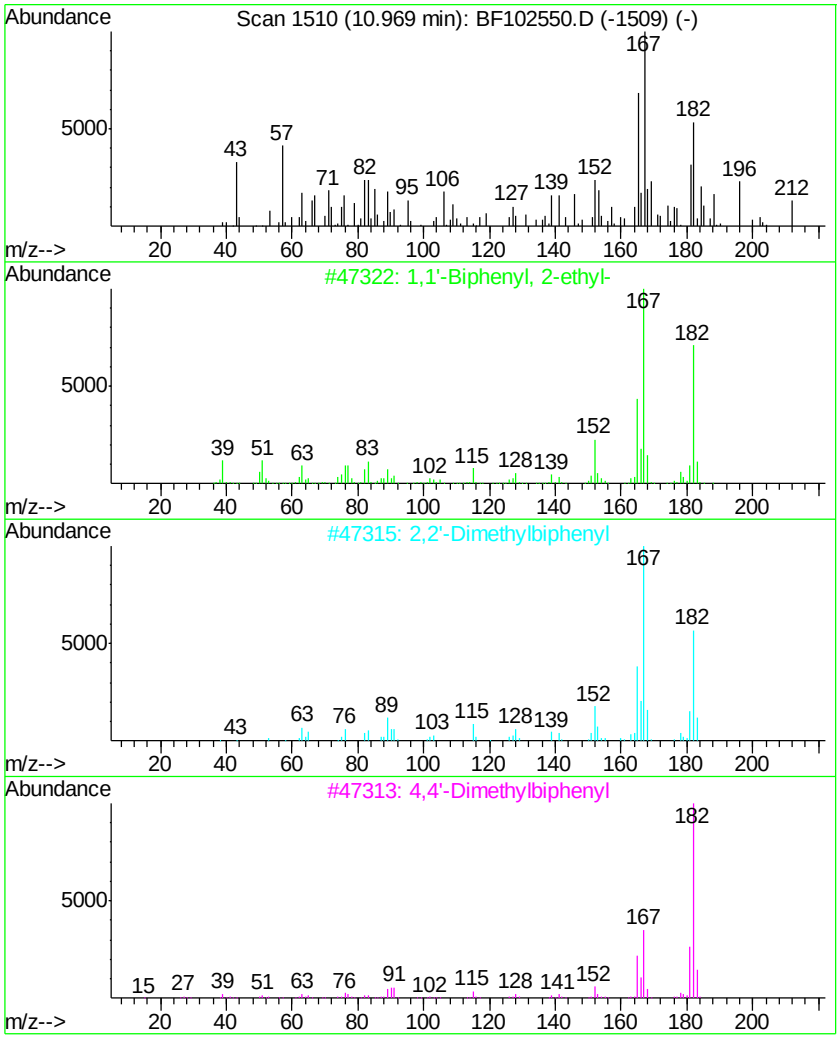
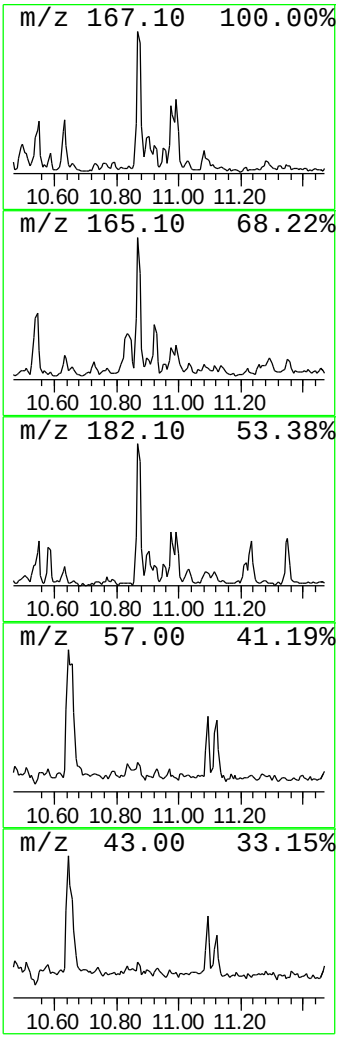
Peak Number 19 1,1'-Biphenyl, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.89 ng	149942	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	91
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	89
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	76
5	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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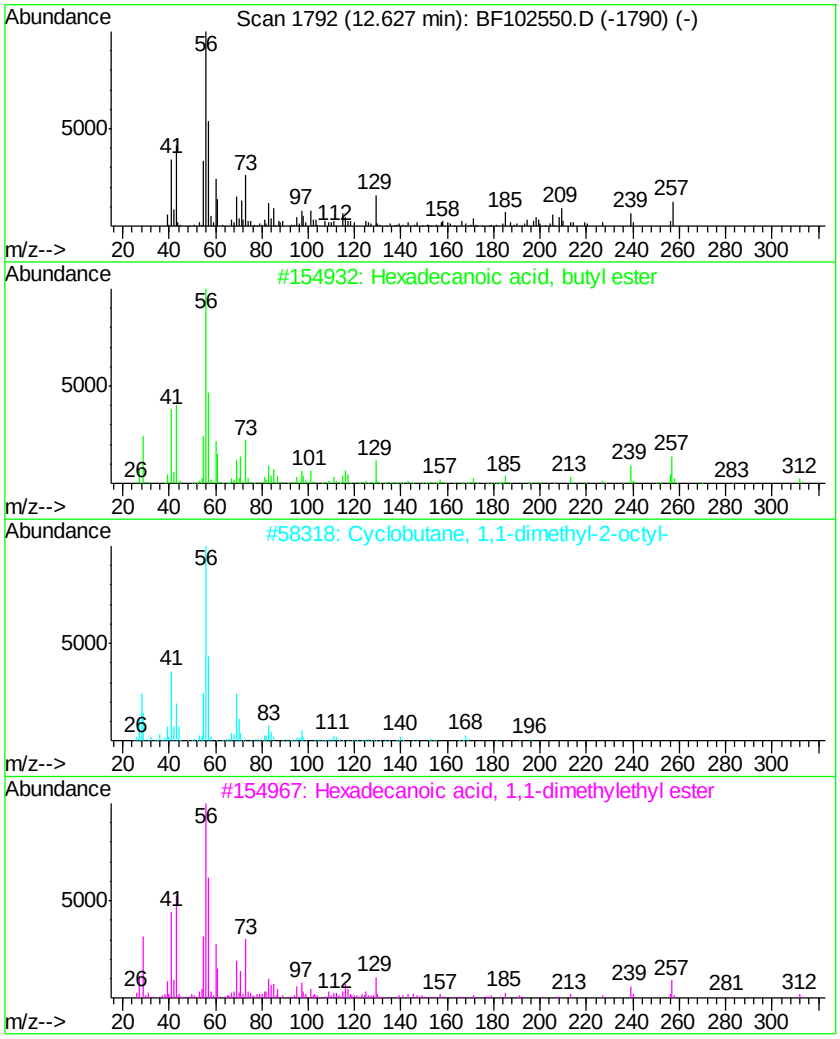
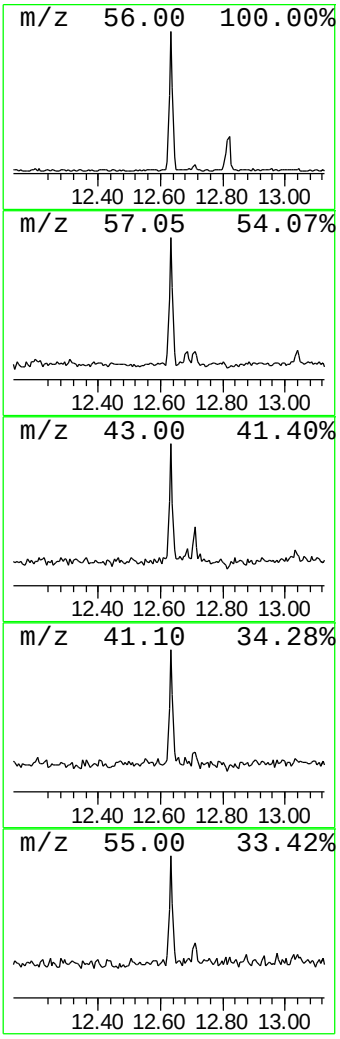
Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.64 ng	204059	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102550.D
Acq On : 28 Jan 2018 10:10
Operator : SJ/JU
Sample : J1321-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C5-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	72.0	ng	3899840	1	6.71	1083590	20.0
Benzene, 2-propenyl-	6.89	7.8	ng	423823	1	6.71	1083590	20.0
Benzene, 2-etheny...	7.73	5.5	ng	509706	2	7.99	1853290	20.0
Naphthalene, 1,2,...	8.19	3.8	ng	355309	2	7.99	1853290	20.0
Naphthalene, 1,2,...	8.24	3.4	ng	314898	2	7.99	1853290	20.0
1H-Indene, 2,3-di...	8.46	3.4	ng	311837	2	7.99	1853290	20.0
Naphthalene, 1,2,...	9.22	3.0	ng	212831	3	9.75	1419980	20.0
2-Propenal, 2-met...	9.34	3.2	ng	225406	3	9.75	1419980	20.0
S-(+)-5-(1-Hydrox...	9.40	8.7	ng	619474	3	9.75	1419980	20.0
Naphthalene, 1,4-...	9.52	3.5	ng	249659	3	9.75	1419980	20.0
unknown9.87	9.87	9.9	ng	703528	3	9.75	1419980	20.0
Naphthalene, 2,3,...	9.95	3.0	ng	214703	3	9.75	1419980	20.0
1,1'-Biphenyl, 2-...	10.36	4.8	ng	342369	3	9.75	1419980	20.0
unknown10.66	10.66	7.3	ng	379708	4	11.23	1038630	20.0
4,4'-Dimethylbiph...	10.87	3.3	ng	171982	4	11.23	1038630	20.0
1,1'-Biphenyl, 2-...	10.97	2.9	ng	149942	4	11.23	1038630	20.0
Hexadecanoic acid...	12.63	4.6	ng	204059	5	13.87	878691	20.0