LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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	3.622	256	261	267	rVB	44864	67738	1.40%	0.176%
2	4.904	475	479	486	rVB	61627	78847	1.63%	0.205%
3	5.322	546	550	562	rBV	2422392	2436058	50.29%	6.346%
4	6.351	722	725	743	rBV	1545407	1724521	35.60%	4.492%
5	6.486	743	748	751	rBV	4102190	3887358	80.24%	10.126%
6	6.710	783	786	796	rBV	1210569	1074667	22.18%	2.799%
7	6.869	809	813	816	rBV	3990667	3696142	76.30%	9.628%
8	7.051	840	844	849	rBV	68659	70406	1.45%	0.183%
9	7.286	878	884	892	rBV	2884464	3071882	63.41%	8.002%
10	7.398	898	903	907	rVV2	77349	94111	1.94%	0.245%
11	7.457	909	913	916	rVB	126101	113682	2.35%	0.296%
12	7.557	927	930	934	rBV	61398	54657	1.13%	0.142%
13	7.639	942	944	948	rVB3	75059	71278	1.47%	0.186%
14	7.675	948	950	954	rVB	63678	57372	1.18%	0.149%
15	7.904	984	989	990	rBV4	39747	50195	1.04%	0.131%
16	7.922	990	992	996	rVB3	68246	77472	1.60%	0.202%
17	7.992	1001	1004	1011	rBV	1462389	1500873	30.98%	3.910%
18	8.239	1043	1046	1049	rVB	148113	129965	2.68%	0.339%
19	8.316	1057	1059	1067	rVB4	91122	109314	2.26%	0.285%
20	8.375	1067	1069	1075	rVB4	49755	67998	1.40%	0.177%
21	8.439	1075	1080	1082	rBV5	45937	75781	1.56%	0.197%
22	8.469	1082	1085	1090	rVV5	77135	106026	2.19%	0.276%
23	8.516	1090	1093	1098	rVV4	138287	206401	4.26%	0.538%
24	8.551	1098	1099	1103	rVV	90034	77042	1.59%	0.201%
25	8.592	1103	1106	1109	rVV3	103055	117723	2.43%	0.307%
26	8.628	1109	1112	1116	rVB2	89504	112407	2.32%	0.293%
27	8.739	1124	1131	1134	rVB5	80433	124333	2.57%	0.324%
28	8.804	1137	1142	1145	rBV	284612	296834	6.13%	0.773%
29	8.833	1145	1147	1153	rVB3	124618	181505	3.75%	0.473%
30	8.886	1153	1156	1160	rBV3	101112	123238	2.54%	0.321%
31	8.939	1162	1165	1169	rVB5	40501	59628	1.23%	0.155%
32	8.998	1172	1175	1178	rBV3	110398	102027	2.11%	0.266%
33	9.075	1181	1188	1191	rBV	5042073	4844458	100.00%	12.619%
34	9.169	1202	1204	1206	rBV2	117613	119988	2.48%	0.313%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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	9.216	1209	1212	1214	rVV	89995	81366	1.68%	0.212%
36	9.239	1214	1216	1222	rVB	205365	200329	4.14%	0.522%
37	9.339	1227	1233	1235	rBV3	131981	169918	3.51%	0.443%
38	9.392	1239	1242	1244	rVV2	144153	175784	3.63%	0.458%
39	9.416	1244	1246	1250	rVV2	157788	184083	3.80%	0.480%
40	9.463	1252	1254	1257	rVV2	134060	134347	2.77%	0.350%
41	9.498	1257	1260	1264	rVV3	156839	205806	4.25%	0.536%
42	9.563	1268	1271	1275	rBV3	67577	82372	1.70%	0.215%
43	9.610	1275	1279	1283	rVB5	48523	69219	1.43%	0.180%
44	9.675	1288	1290	1294	rVB	81628	59385	1.23%	0.155%
45	9.745	1298	1302	1309	rVB2	1600640	1532515	31.63%	3.992%
46	9.839	1315	1318	1322	rVB5	50069	61040	1.26%	0.159%
47	9.916	1328	1331	1335	rBV4	68899	100499	2.07%	0.262%
48	9.951	1335	1337	1342	rVB6	40955	57676	1.19%	0.150%
49	10.075	1355	1358	1360	rVB	68206	65488	1.35%	0.171%
50	10.174	1372	1375	1379	rVB2	171936	155760	3.22%	0.406%
51	10.357	1403	1406	1410	rBV	236912	238886	4.93%	0.622%
52	10.539	1433	1437	1443	rBV	2208136	2196936	45.35%	5.723%
53	10.645	1452	1455	1457	rBV3	150472	171541	3.54%	0.447%
54	10.663	1457	1458	1464	rVB	179543	159722	3.30%	0.416%
55	10.869	1491	1493	1497	rBV2	61337	55681	1.15%	0.145%
56	10.974	1509	1511	1518	rVB5	44304	75954	1.57%	0.198%
57	11.092	1528	1531	1533	rBV	85701	68756	1.42%	0.179%
58	11.121	1533	1536	1542	rVB6	40508	50205	1.04%	0.131%
59	11.233	1549	1555	1559	rBV	1258378	1069204	22.07%	2.785%
60	11.292	1563	1565	1570	rVB	57154	61745	1.27%	0.161%
61	11.345	1571	1574	1581	rVB2	69694	84874	1.75%	0.221%
62	11.521	1601	1604	1607	rVB	57499	52939	1.09%	0.138%
63	12.004	1684	1686	1691	rVB	90239	78618	1.62%	0.205%
64	12.280	1728	1733	1735	rBV2	82079	114351	2.36%	0.298%
65	12.310	1735	1738	1739	rVV	60293	63466	1.31%	0.165%
66	12.327	1739	1741	1743	rVB	93834	72851	1.50%	0.190%
67	12.633	1790	1793	1797	rVB2	202079	172909	3.57%	0.450%
68	12.821	1820	1825	1828	rBV	3251705	3219216	66.45%	8.386%
69	13.339	1910	1913	1917	rVB	131531	103313	2.13%	0.269%
70	13.710	1973	1976	1983	rBV	156030	188556	3.89%	0.491%
71	13.874	2000	2004	2014	rBV	891495	905426	18.69%	2.359%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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	15.298	2241	2246	2257	rBV	640738	813055	16.78%	2.118%
73	15.709	2314	2316	2323	rVB2	40266	53523	1.10%	0.139%

Sum of corrected areas: 38389241

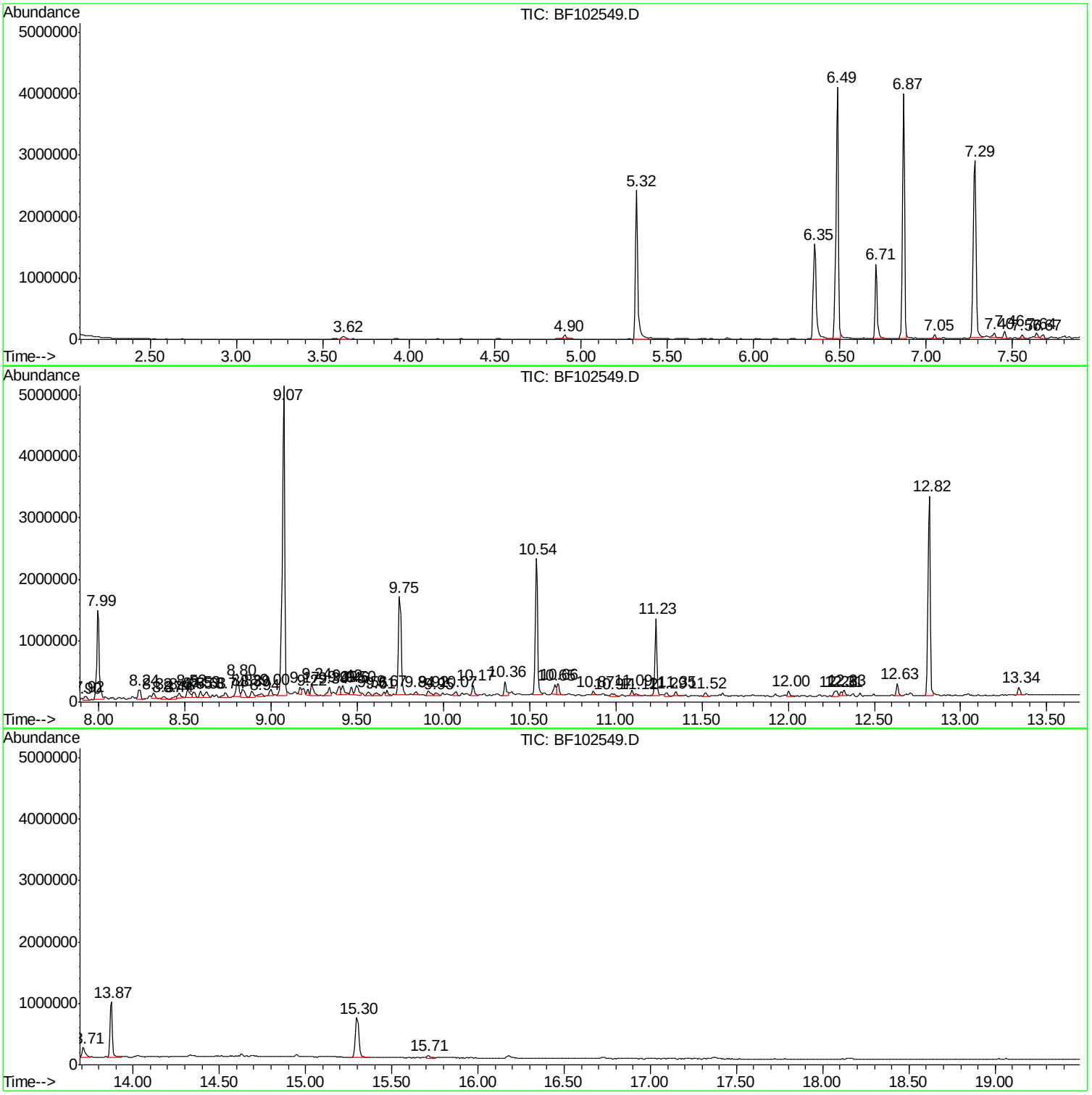
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-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 : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

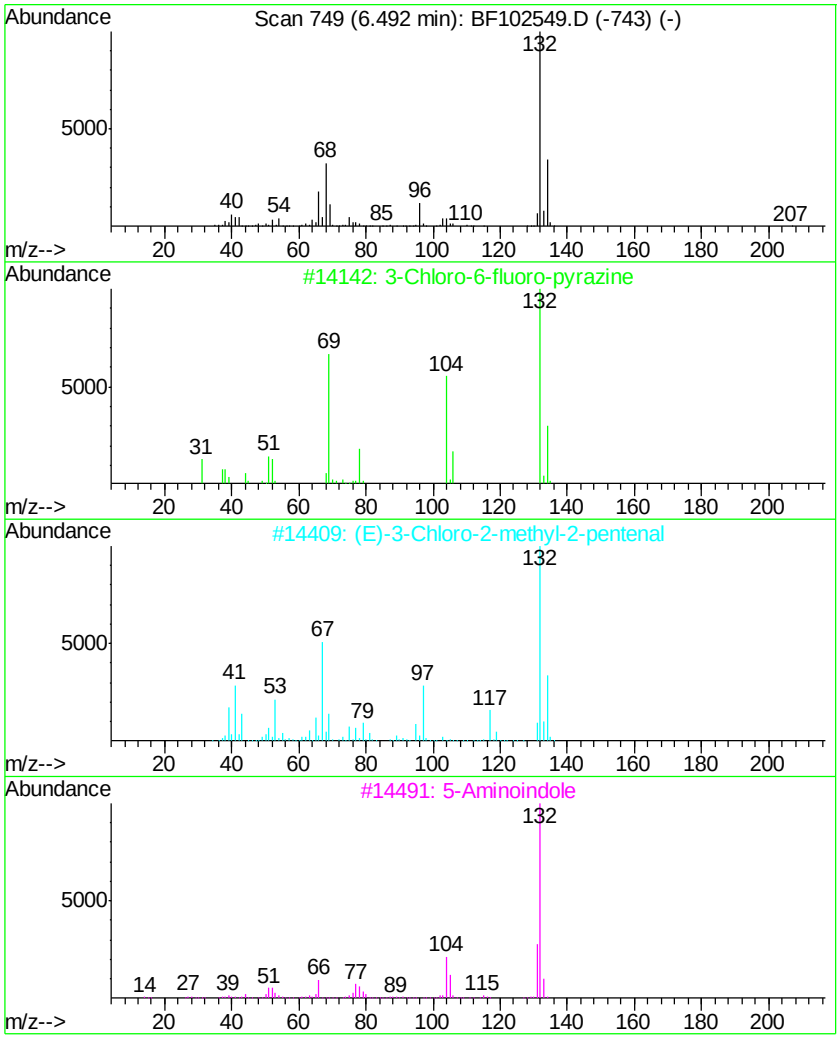
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

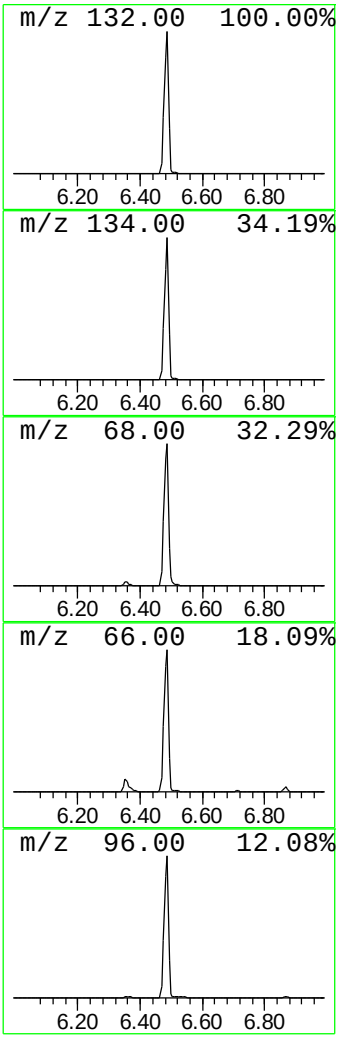
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	72.35 ng	3887360	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 : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

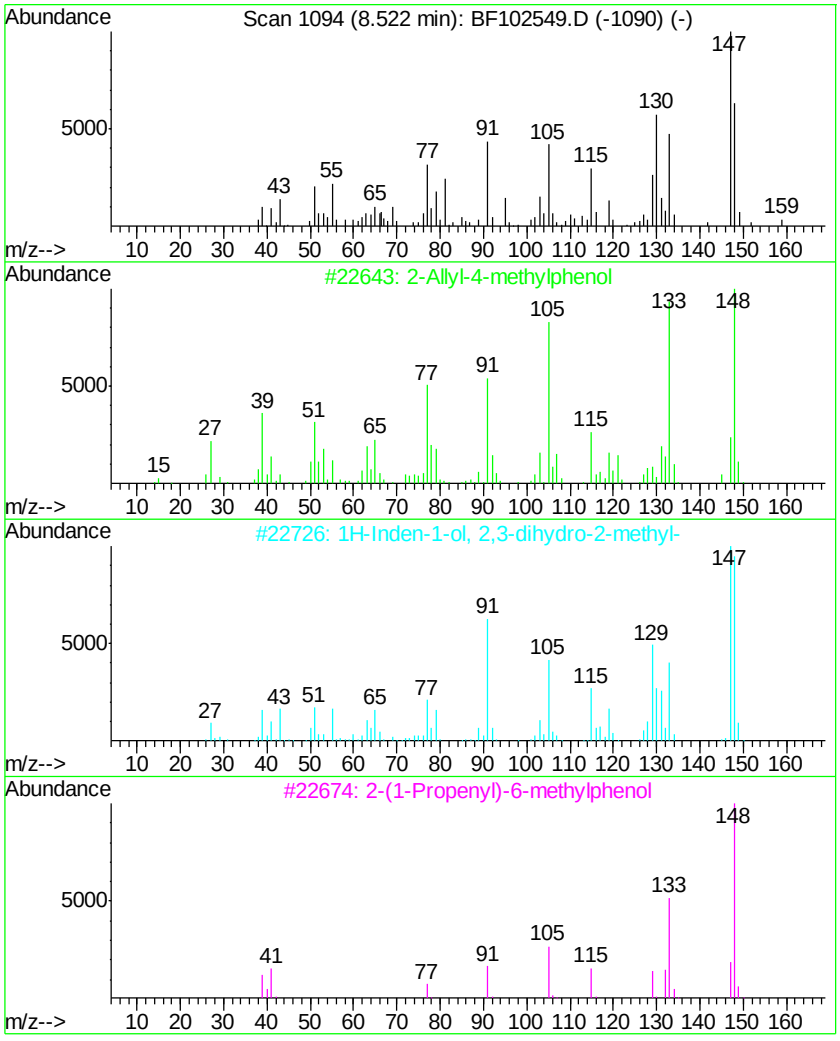
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

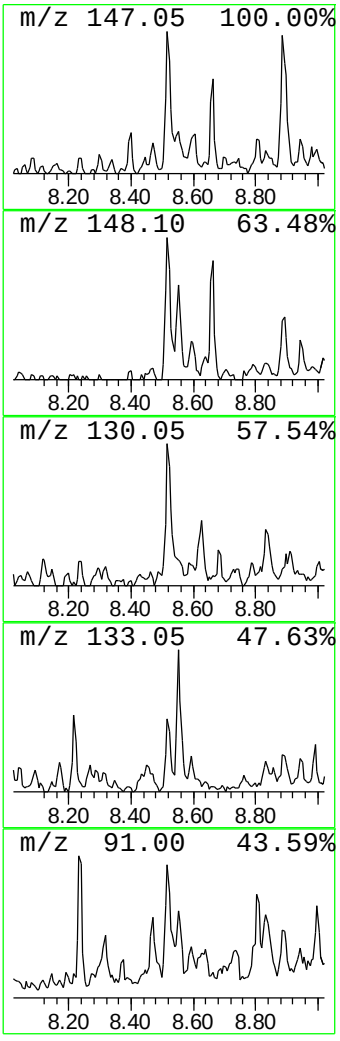
****

Peak Number 3 2-Allyl-4-methylphenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.75 ng	206401	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	50
2	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	49
3	2-(1-Propenyl)-6-methylphenol	148	C10H12O	1000306-52-9	43
4	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	43
5	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

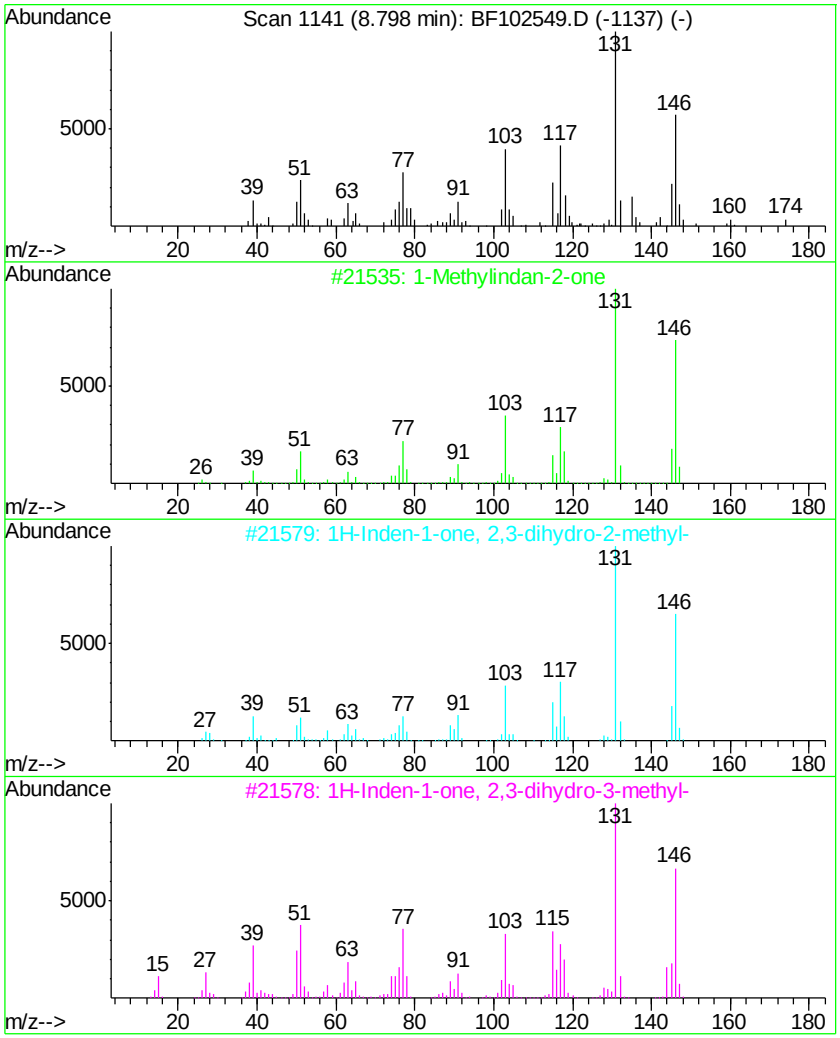
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

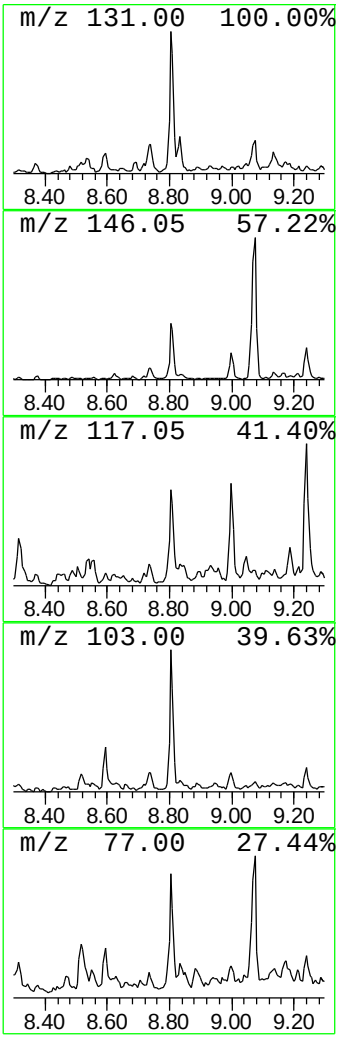
****

Peak Number 4 1-Methylindan-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	3.96 ng	296834	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	95
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

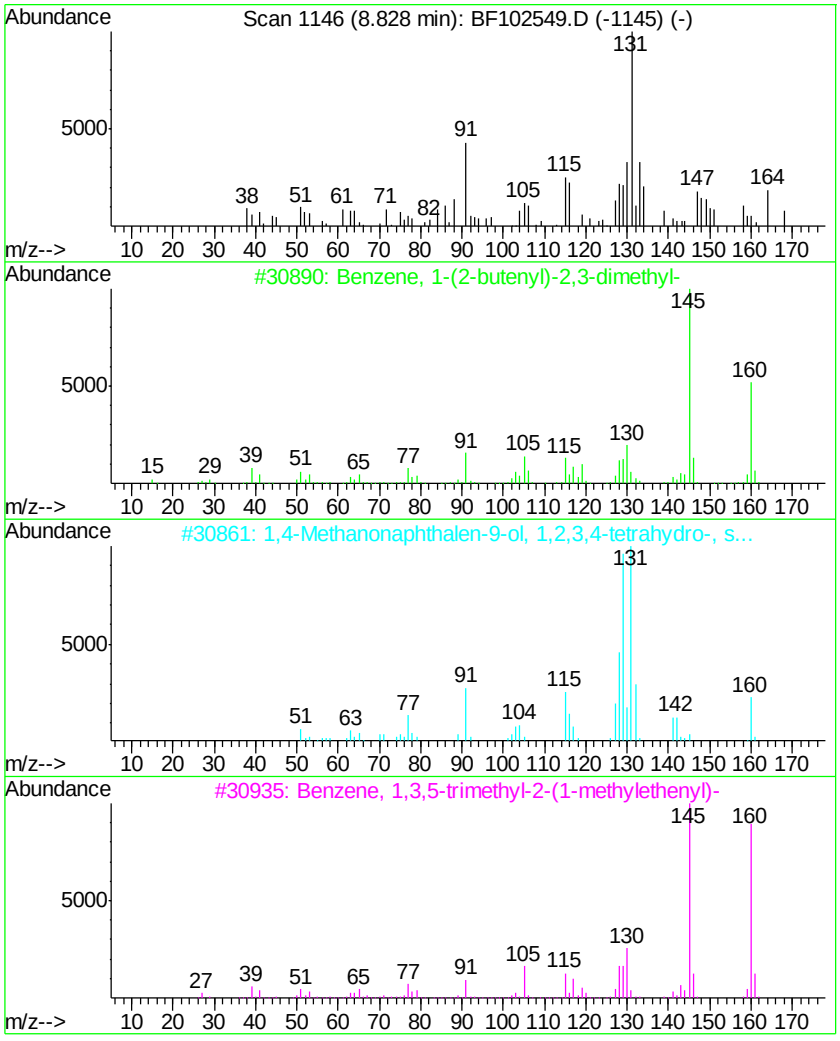
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

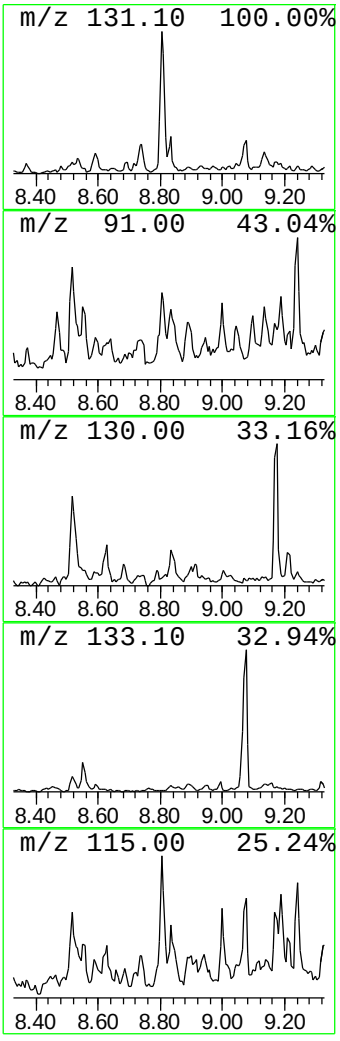
****

Peak Number 5 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.42 ng	181505	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
2	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	49
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

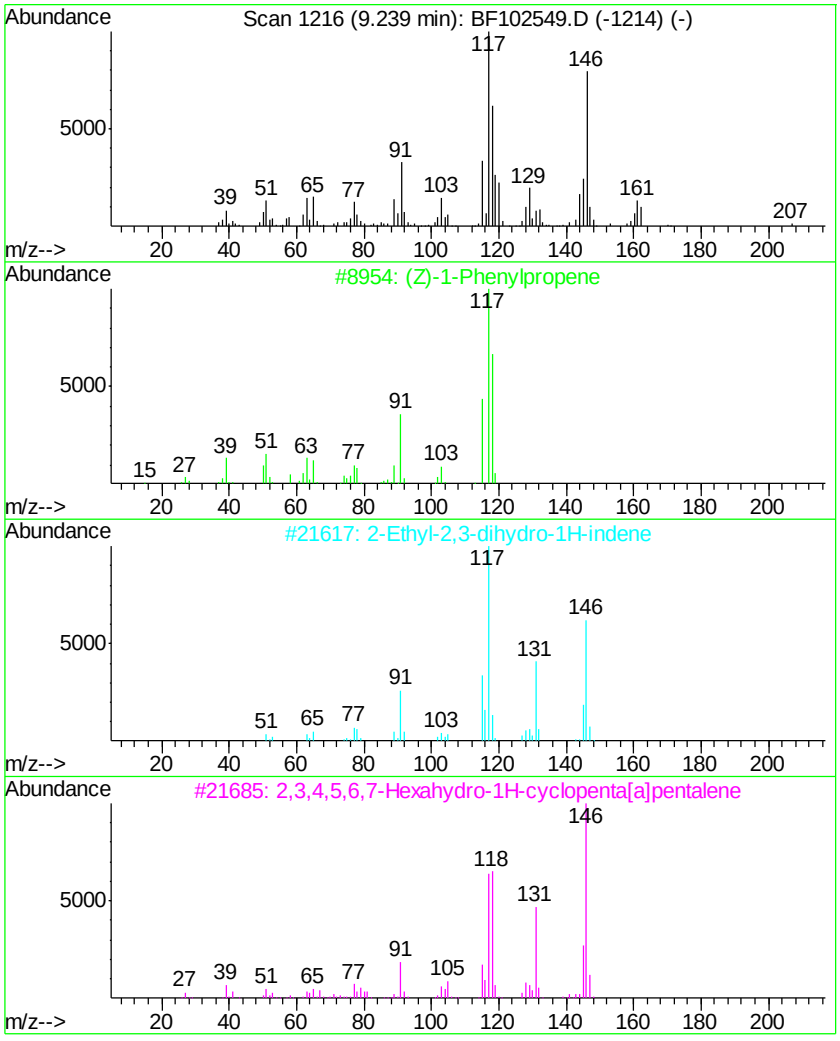
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

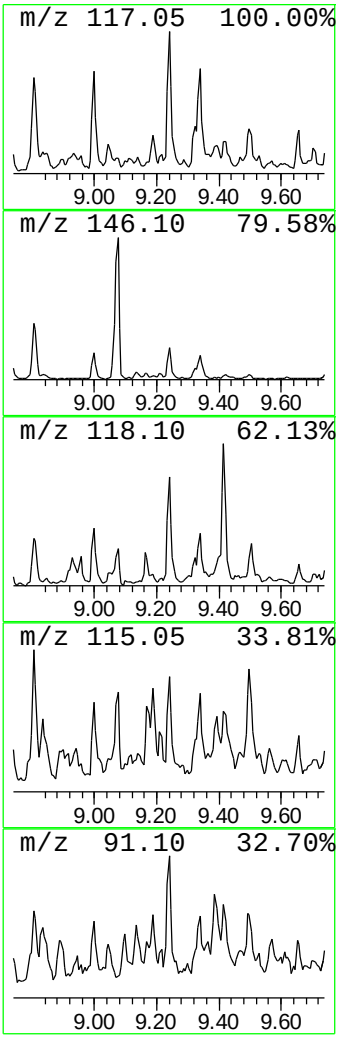
****

Peak Number 6 (Z)-1-Phenylpropene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.61 ng	200329	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	80
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	58
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	56
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

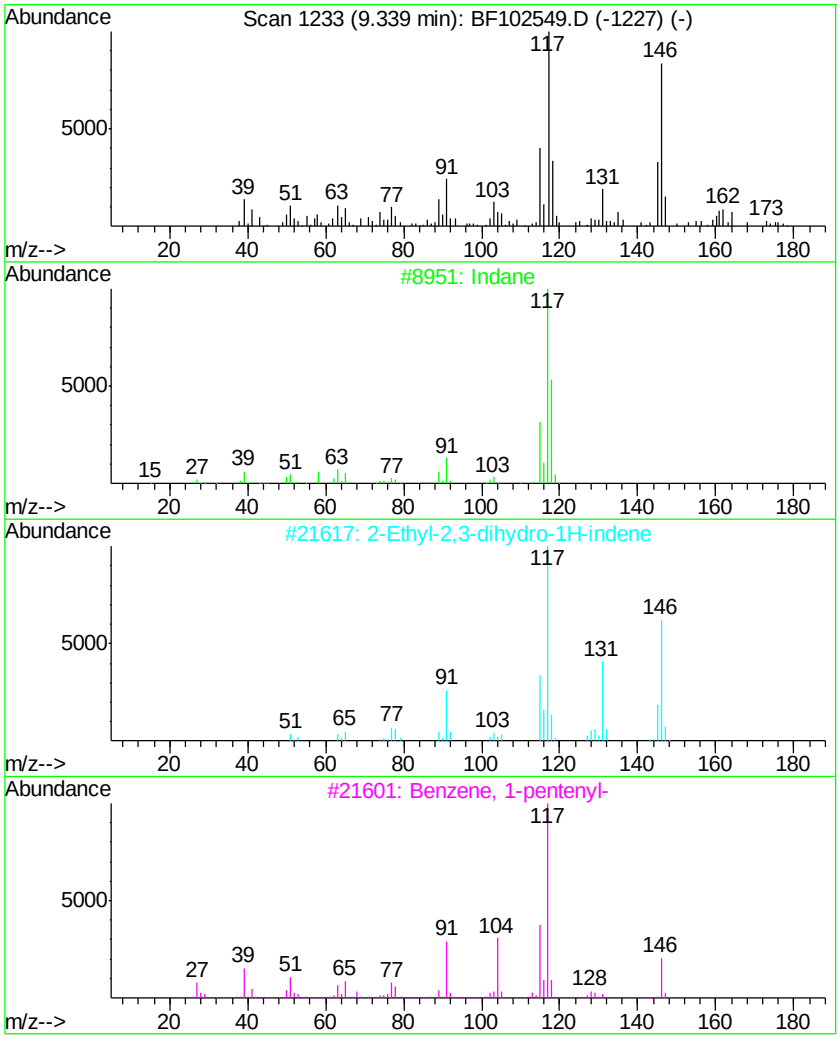
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

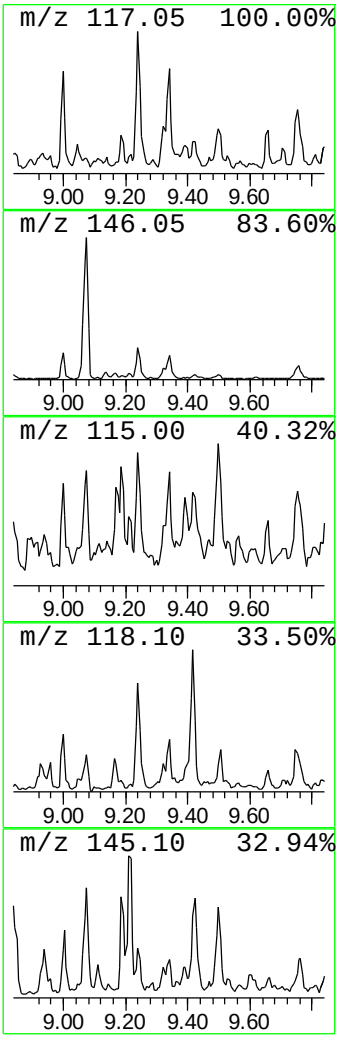
****

Peak Number 7 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.22 ng	169918	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	80
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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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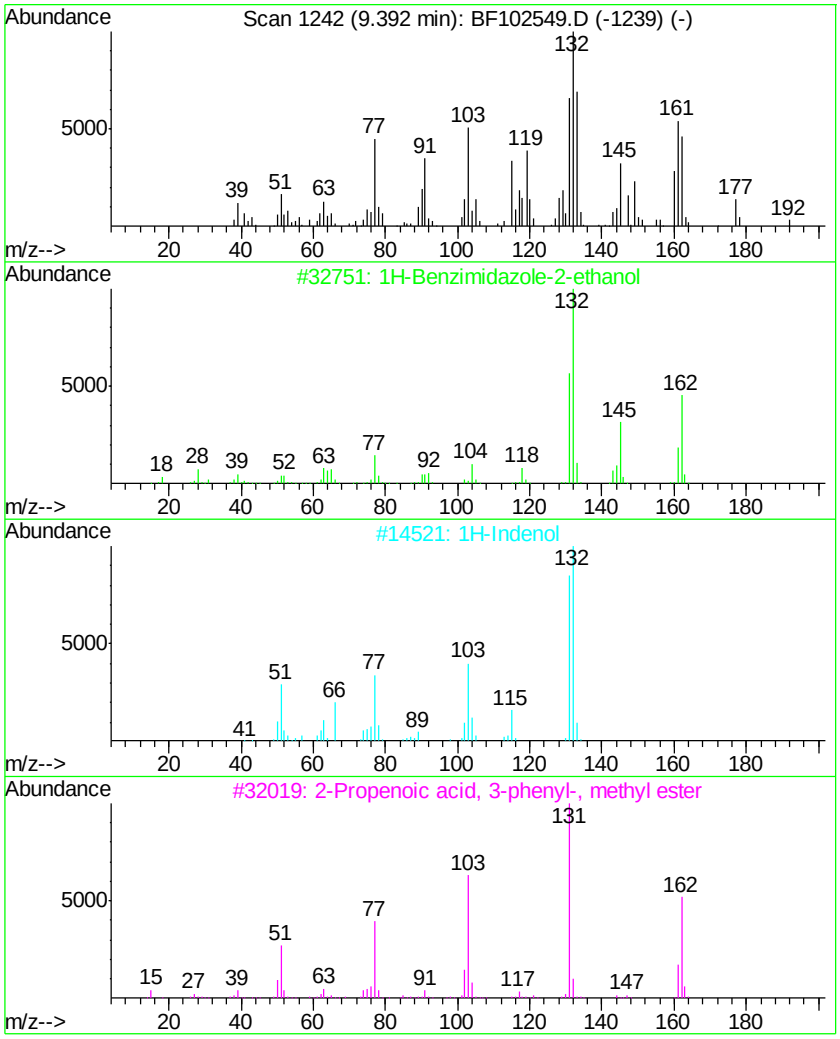
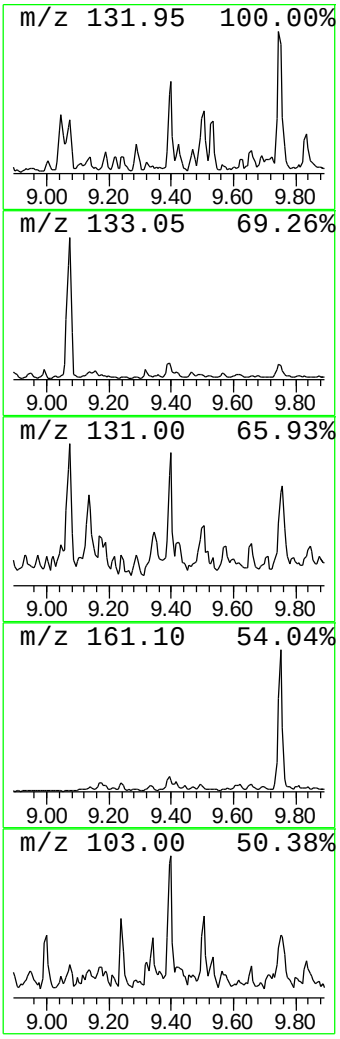
Peak Number 8 1H-Benzimidazole-2-ethanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.29 ng	175784	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole-2-ethanol	162	C9H10N2O	004857-01-6	50
2	1H-Indenol	132	C9H8O	056631-57-3	42
3	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	000103-26-4	38
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	30
5	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	30





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Data File : BF102549.D
Acq On : 28 Jan 2018 9:43
Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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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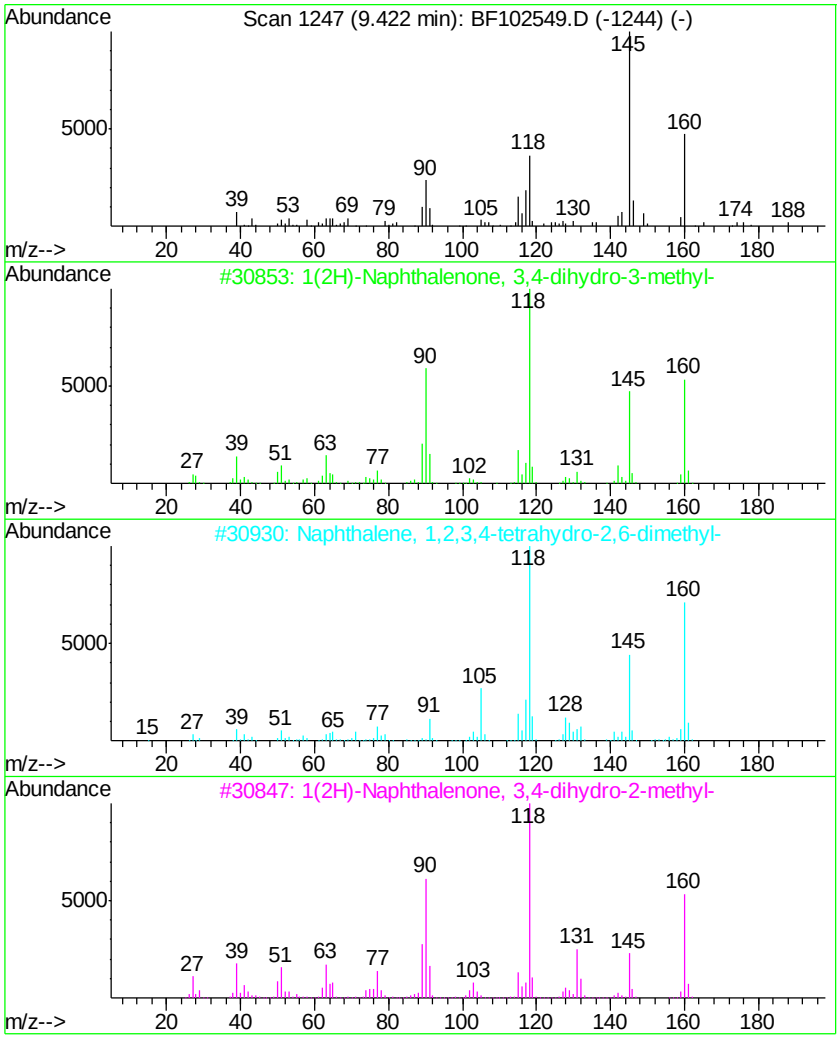
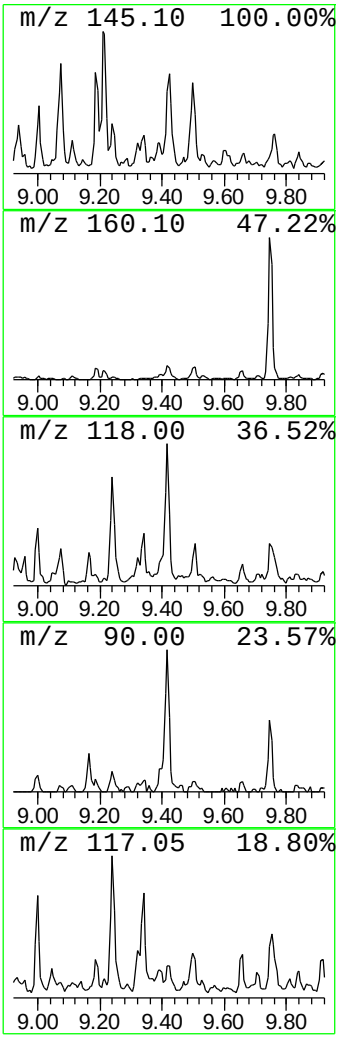
Peak Number 9 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.40 ng	184083	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	59
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	52
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
5	4-Isoquinolinol	145	C9H7NO	003336-49-0	43





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Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-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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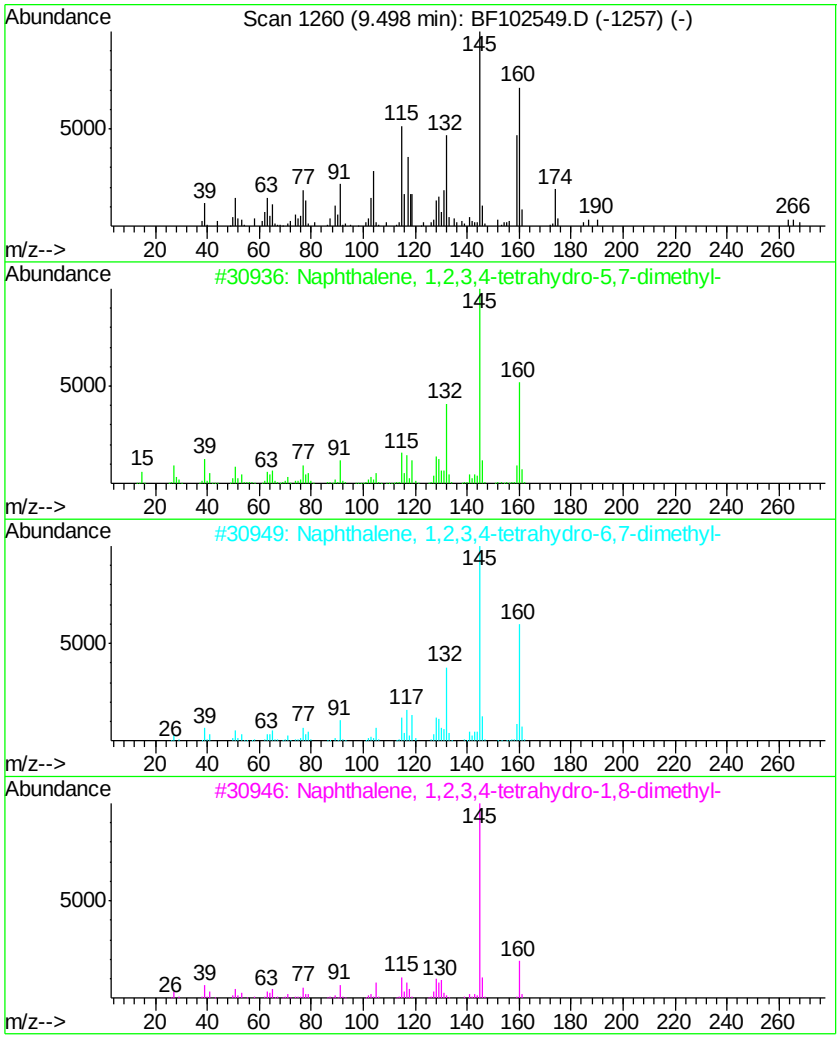
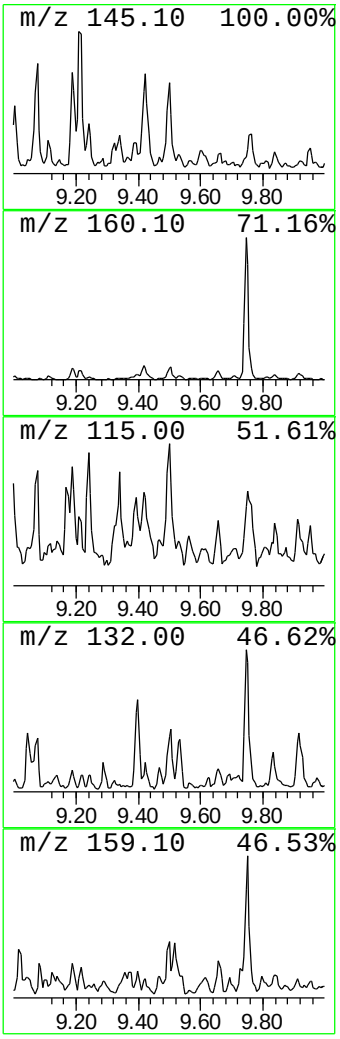
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.69 ng	205806	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	60
4	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	45
5	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	45





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Instrument : BNA_F
ClientSampleId : OWL-C4-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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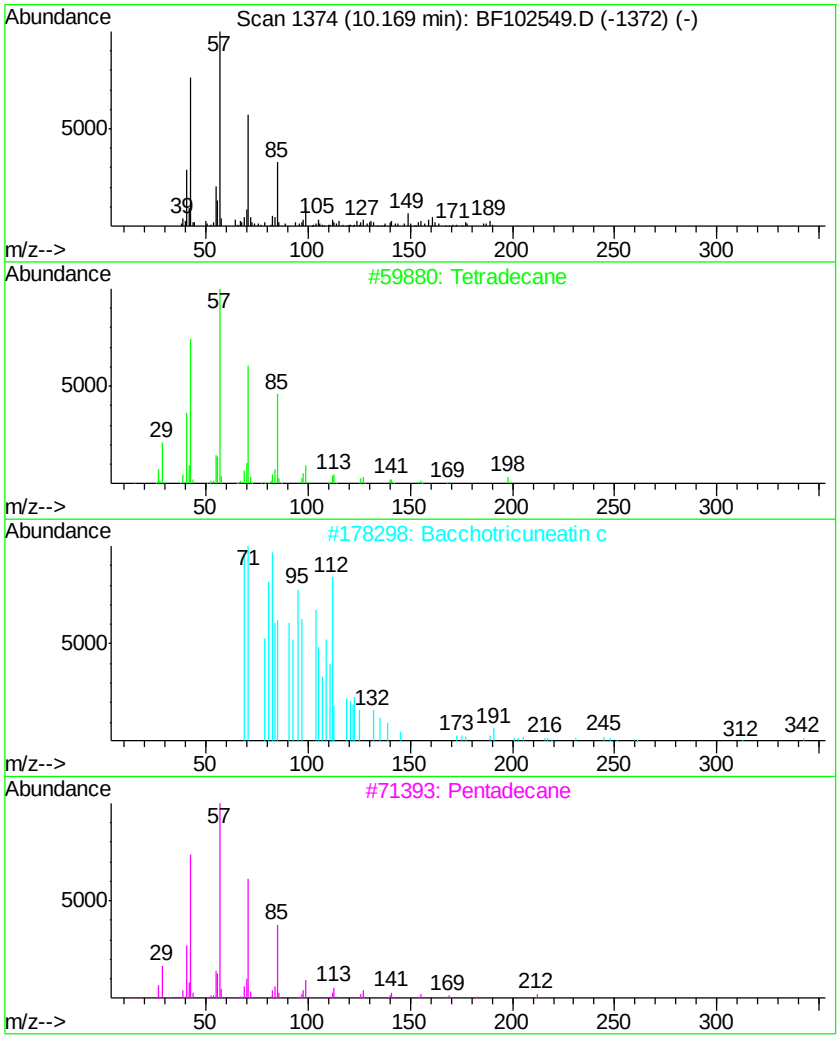
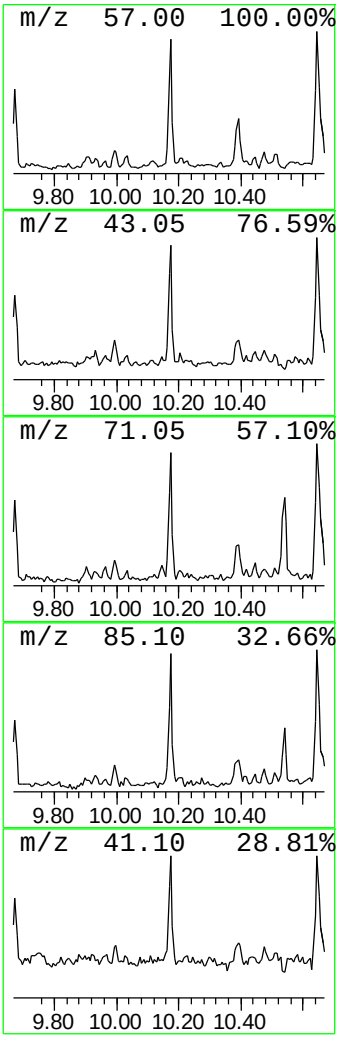
Peak Number 11 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.03 ng	155760	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	68
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59





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Misc :
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ClientSampleId : OWL-C4-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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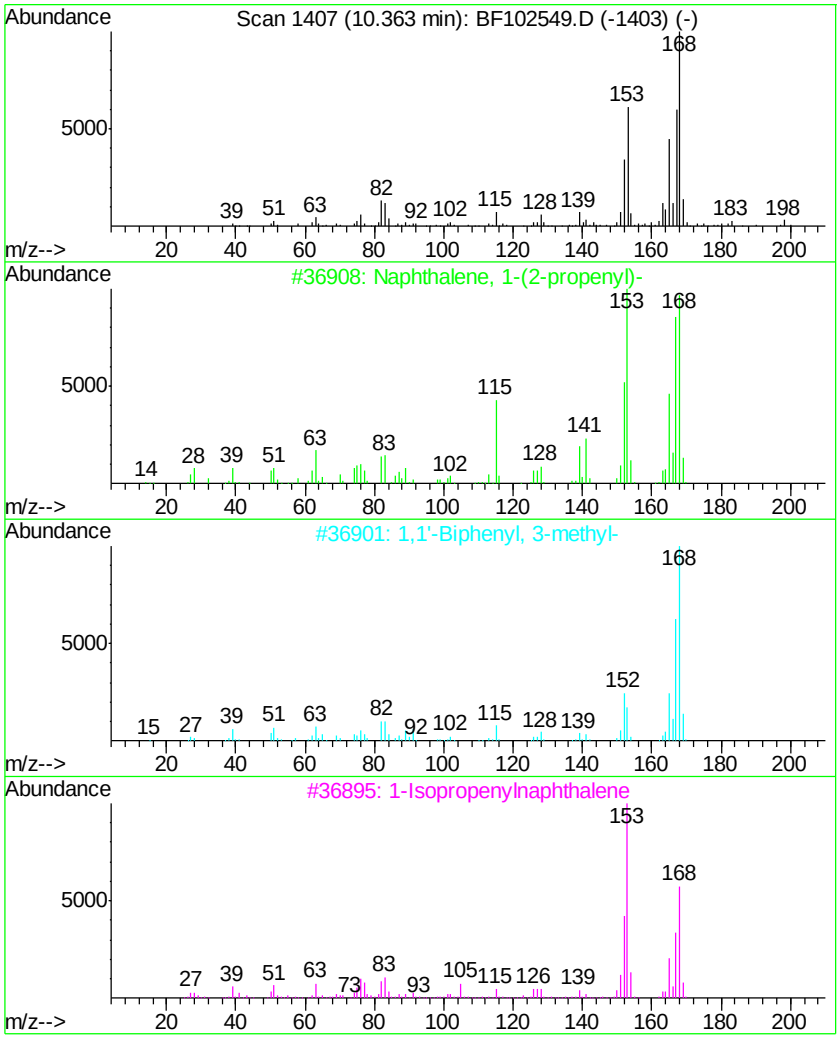
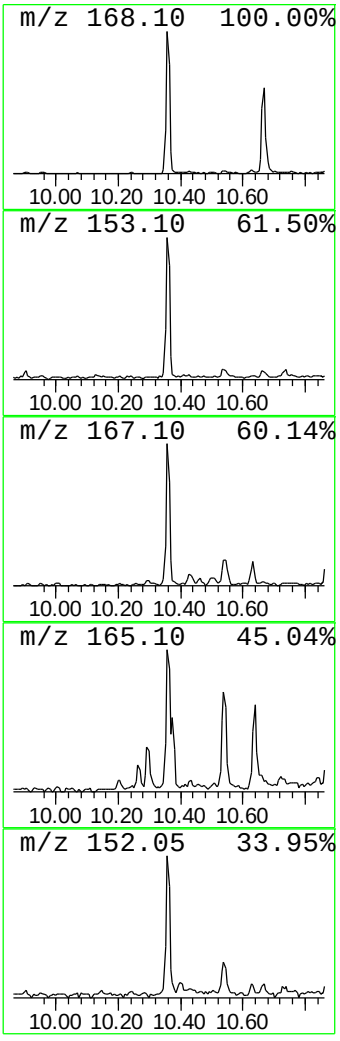
Peak Number 12 Naphthalene, 1-(2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.12 ng	238886	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	89
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	62





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Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

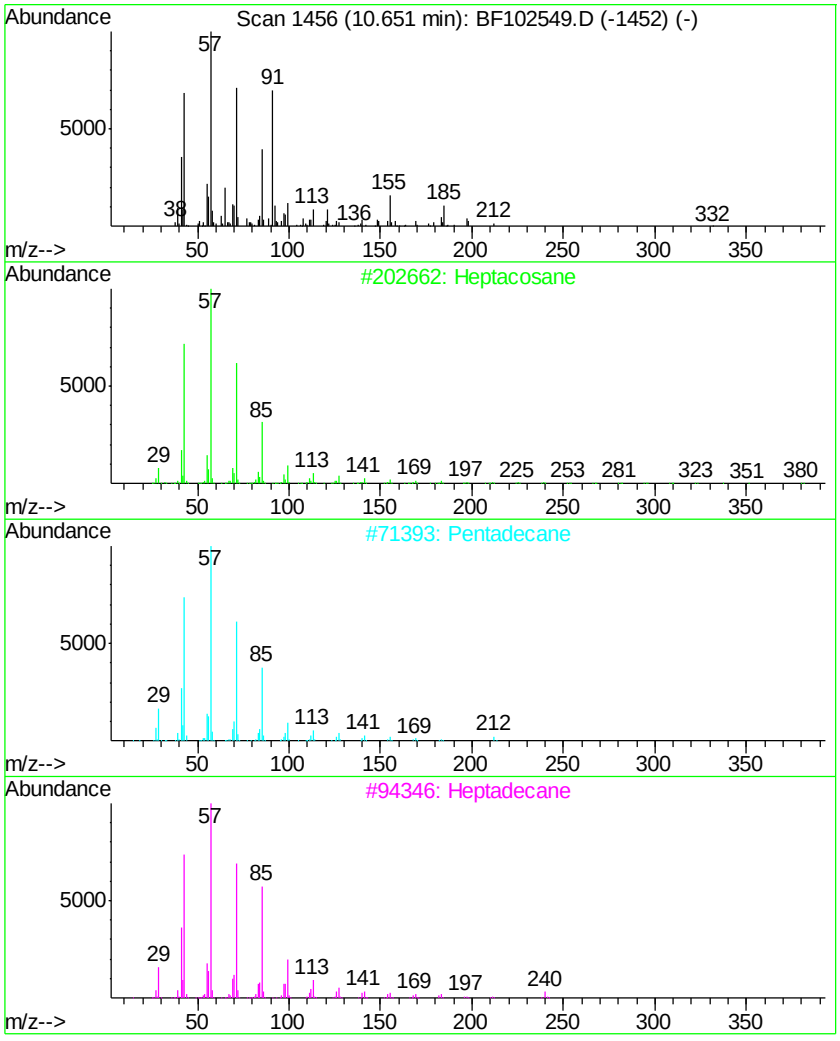
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

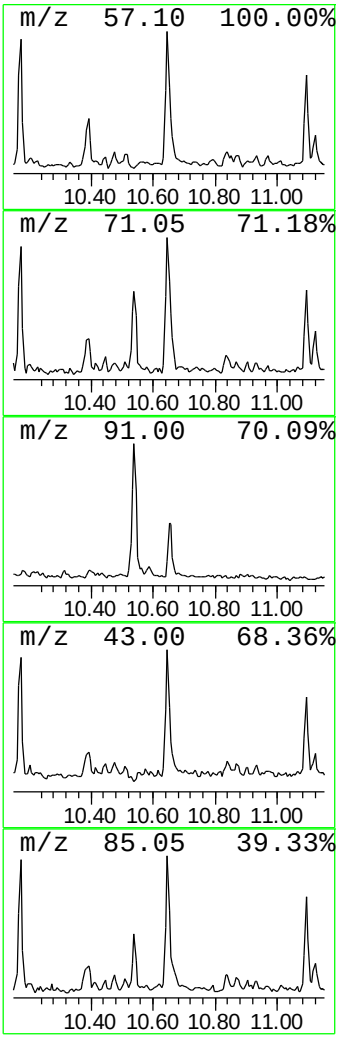
****

Peak Number 13 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.21 ng	171541	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Pentadecane	212	C15H32	000629-62-9	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Eicosane	282	C20H42	000112-95-8	80





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Sample : J1321-03
Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C4-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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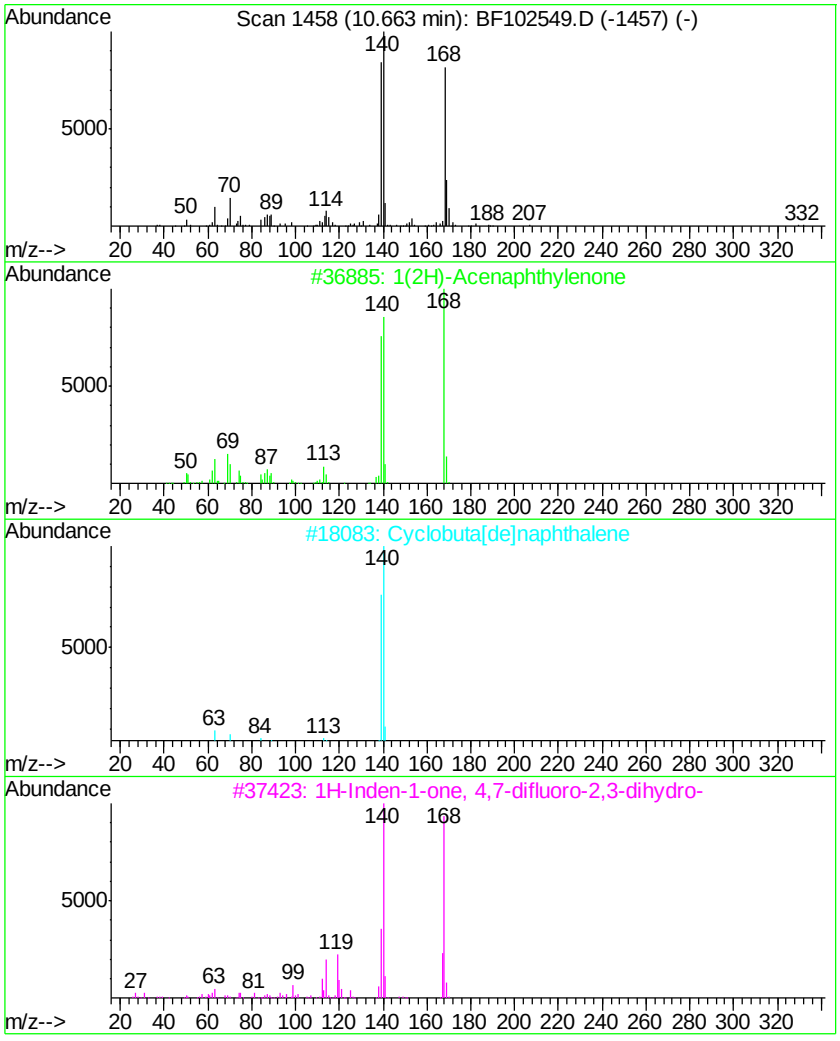
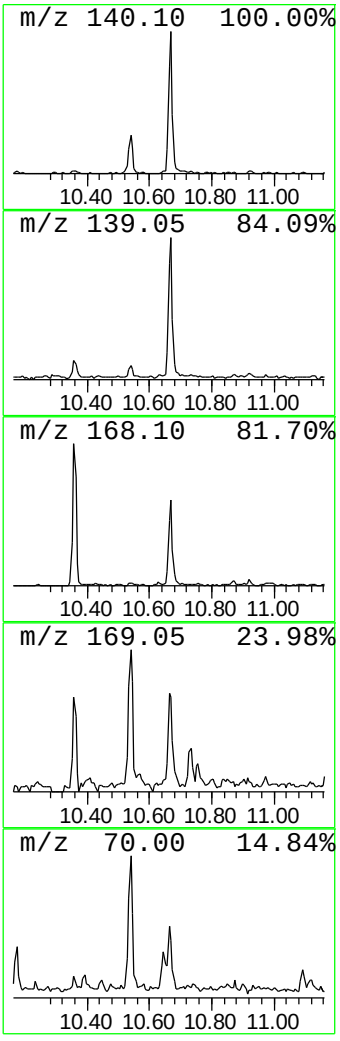
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.99 ng	159722	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	52
4	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	43
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	40





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Instrument : BNA_F
ClientSampleId : OWL-C4-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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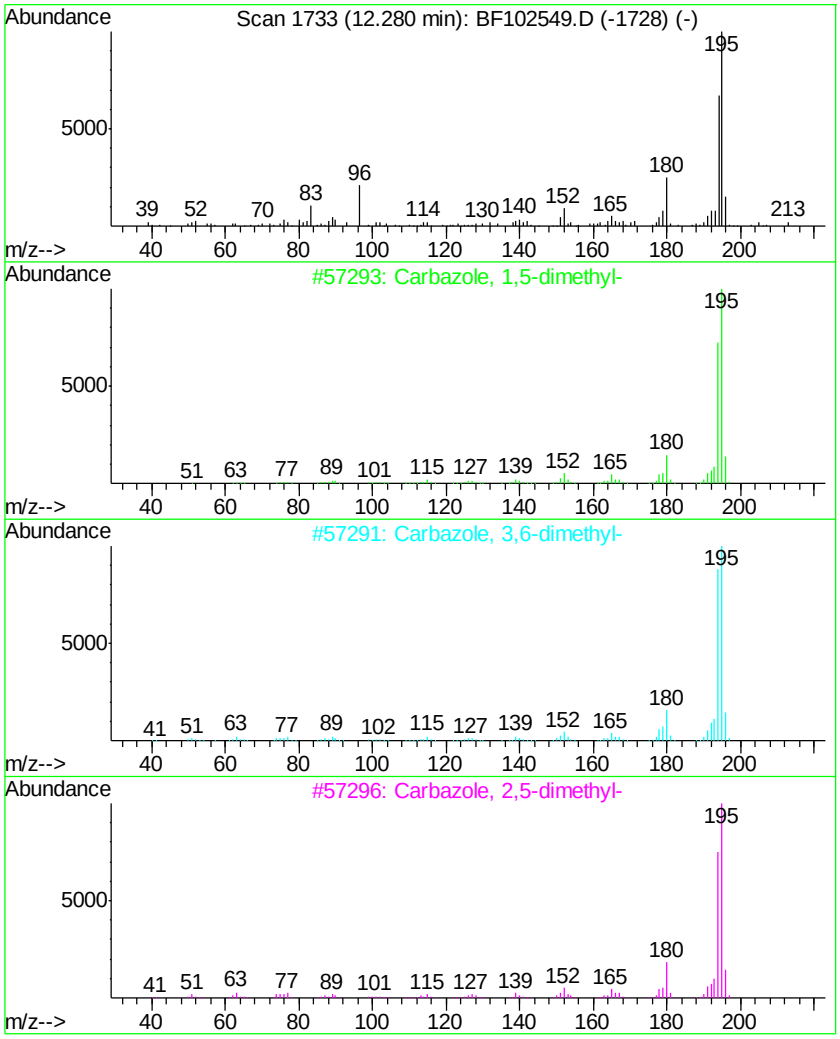
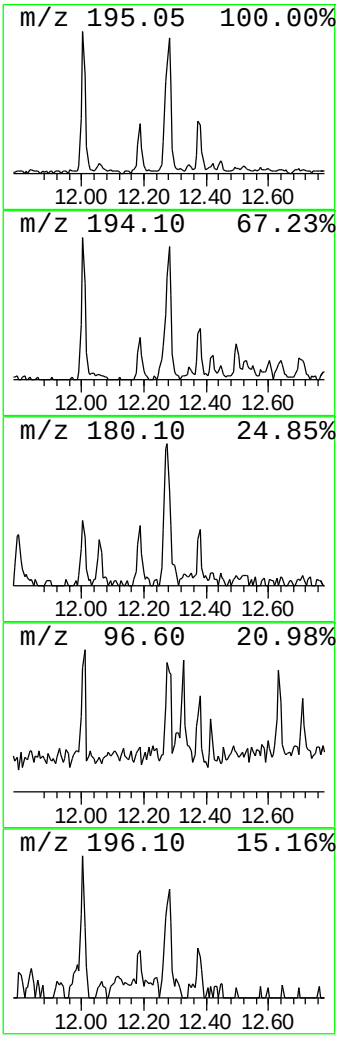
Peak Number 15 Carbazole, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.14 ng	114351	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	95
2	Carbazole, 3,6-dimethyl-	195	C14H13N	005599-50-8	95
3	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	95
4	Carbazole, 3,5-dimethyl-	195	C14H13N	078787-81-2	95
5	Carbazole, 2,6-dimethyl-	195	C14H13N	078787-80-1	94





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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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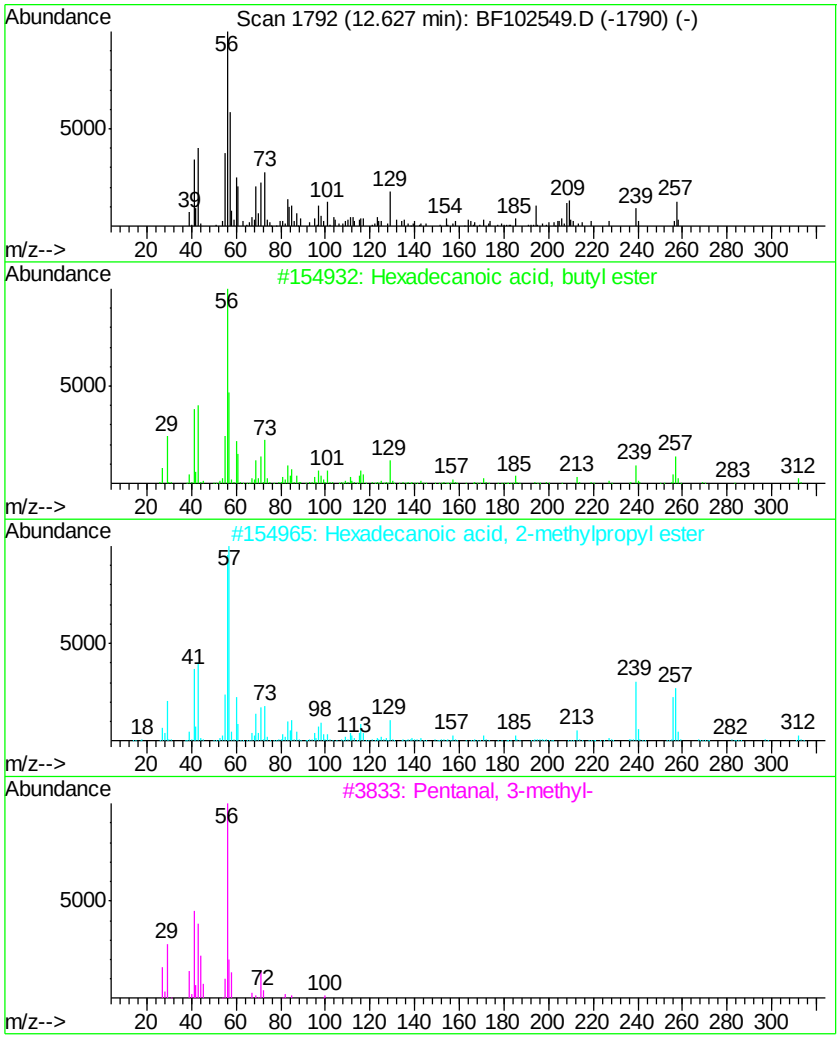
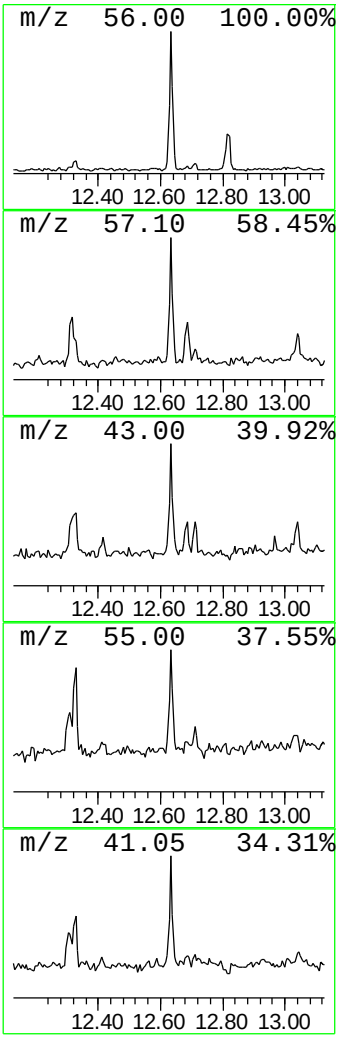
Peak Number 16 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.82 ng	172909	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	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35





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Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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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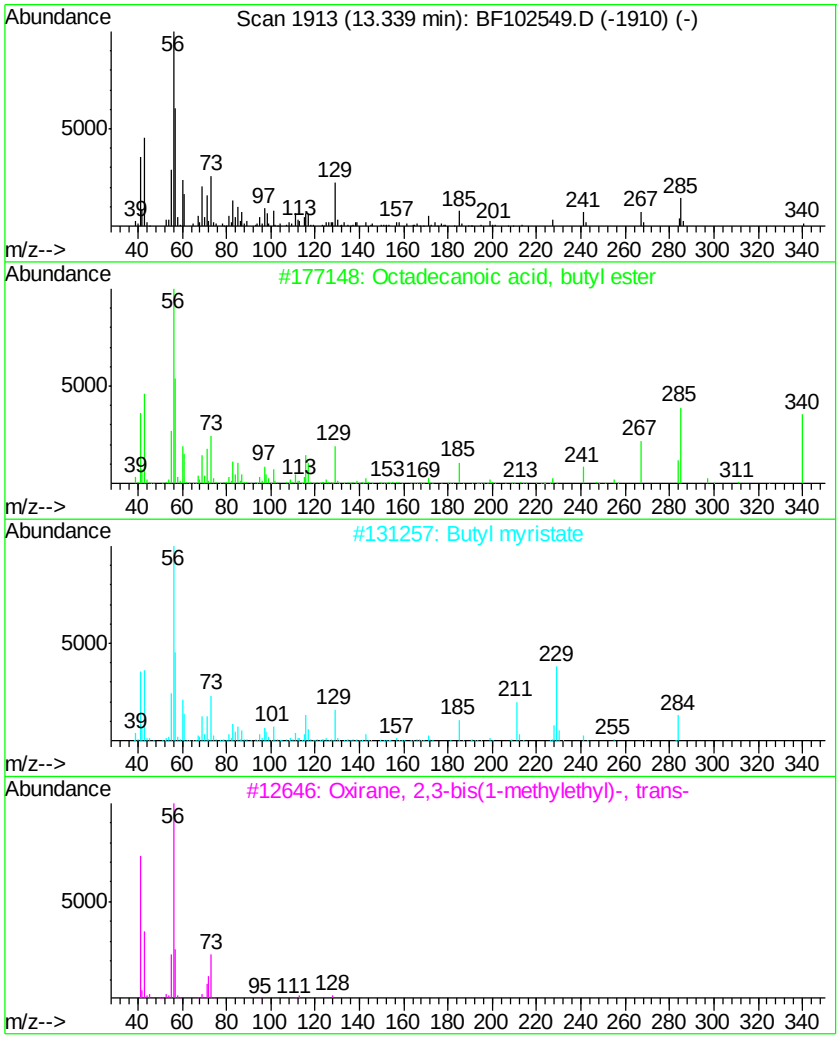
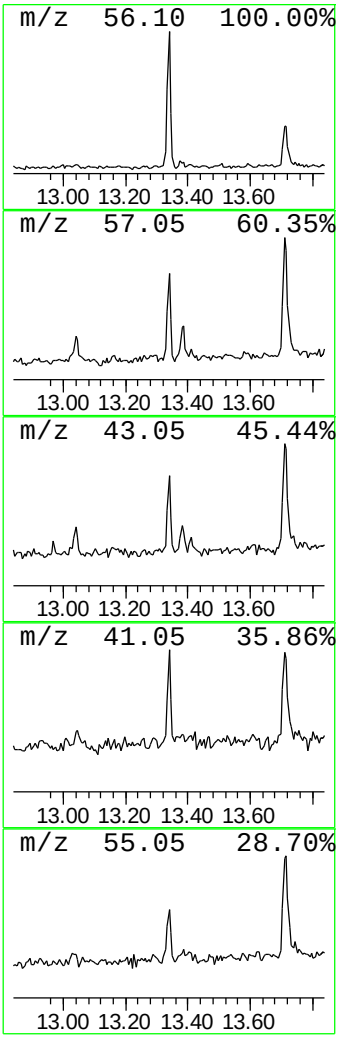
Peak Number 17 Octadecanoic acid, butyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.28 ng	103313	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Butyl myristate	284	C18H36O2	000110-36-1	80
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	46
4	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	43
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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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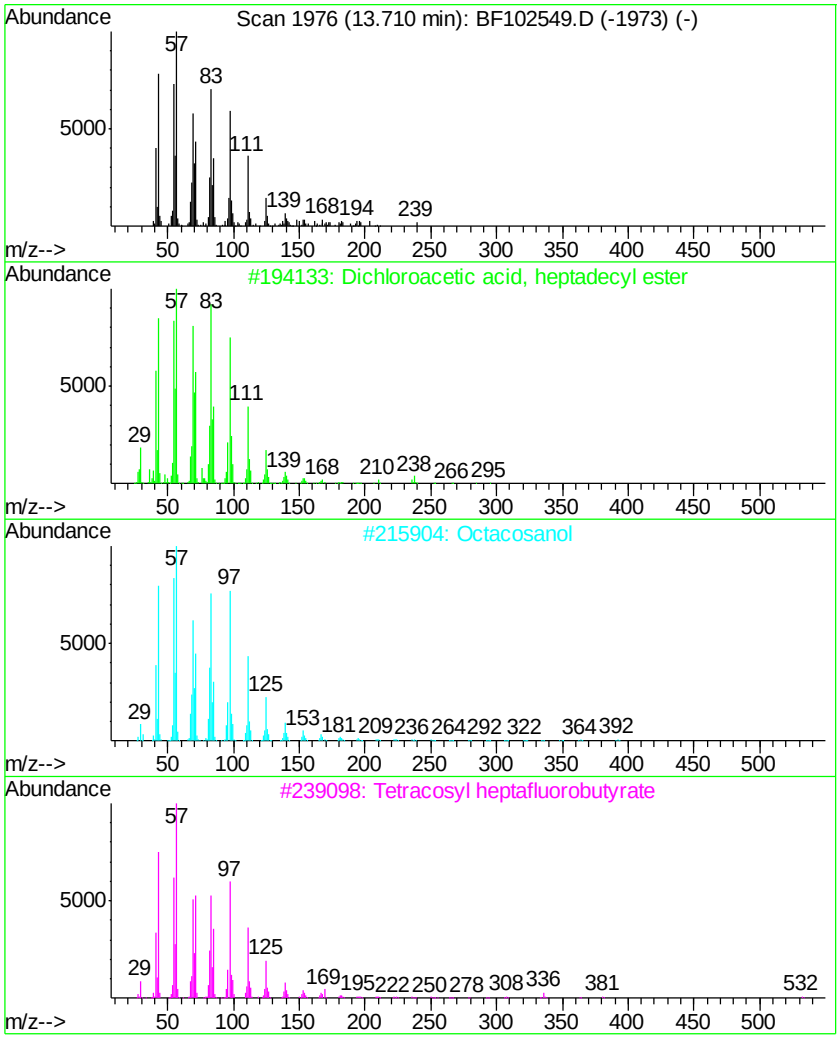
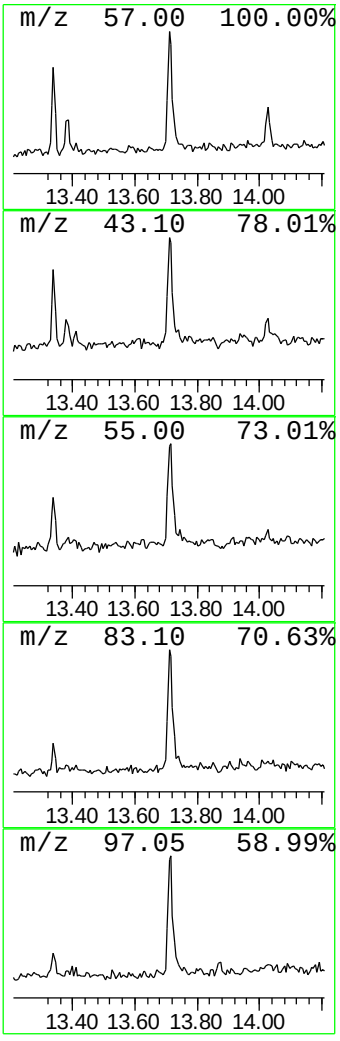
Peak Number 18 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.17 ng	188556	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BF102549.D
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Operator : SJ/JU
Sample : J1321-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-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
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2-Allyl-4-methylp...	8.52	2.8	ng	206401	2	7.99	1500870	20.0
1-Methylindan-2-one	8.80	4.0	ng	296834	2	7.99	1500870	20.0
Benzene, 1-(2-but...	8.83	2.4	ng	181505	2	7.99	1500870	20.0
(Z)-1-Phenylpropene	9.24	2.6	ng	200329	3	9.75	1532520	20.0
Indane	9.34	2.2	ng	169918	3	9.75	1532520	20.0
1H-Benzimidazole-...	9.39	2.3	ng	175784	3	9.75	1532520	20.0
1(2H)-Naphthaleno...	9.42	2.4	ng	184083	3	9.75	1532520	20.0
Naphthalene, 1,2,...	9.50	2.7	ng	205806	3	9.75	1532520	20.0
Tetradecane	10.17	2.0	ng	155760	3	9.75	1532520	20.0
Naphthalene, 1-(2...	10.36	3.1	ng	238886	3	9.75	1532520	20.0
Heptacosane	10.65	3.2	ng	171541	4	11.23	1069200	20.0
1(2H)-Acenaphthyl...	10.66	3.0	ng	159722	4	11.23	1069200	20.0
Carbazole, 1,5-di...	12.28	2.1	ng	114351	4	11.23	1069200	20.0
Hexadecanoic acid...	12.63	3.8	ng	172909	5	13.87	905426	20.0
Octadecanoic acid...	13.34	2.3	ng	103313	5	13.87	905426	20.0
Dichloroacetic ac...	13.71	4.2	ng	188556	5	13.87	905426	20.0