LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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	2.146	5	10	24	rVB	692818	924567	10.67%	1.249%
2	5.069	503	507	514	rVB	158730	178554	2.06%	0.241%
3	5.492	575	579	593	rBV	3873586	3502239	40.43%	4.733%
4	6.498	746	750	761	rBV	2737981	2469735	28.51%	3.338%
5	6.634	768	773	776	rBV	7026233	6447042	74.43%	8.713%
6	6.681	779	781	786	rVB	140522	127710	1.47%	0.173%
7	6.857	807	811	819	rBV	2009585	1689565	19.51%	2.283%
8	7.016	833	838	841	rBV	6484077	5832251	67.33%	7.882%
9	7.422	896	907	910	rBV	4548984	5083727	58.69%	6.870%
10	7.604	935	938	940	rBV2	92826	96716	1.12%	0.131%
11	7.628	940	942	948	rVB2	91665	95065	1.10%	0.128%
12	7.786	965	969	973	rBV	287317	257594	2.97%	0.348%
13	7.828	973	976	979	rVB	147786	127570	1.47%	0.172%
14	7.875	980	984	987	rBV2	190443	164661	1.90%	0.223%
15	8.139	1024	1029	1031	rBV	2445654	2236890	25.83%	3.023%
16	8.157	1031	1032	1035	rVV2	345456	310602	3.59%	0.420%
17	8.186	1035	1037	1041	rVB2	115456	113690	1.31%	0.154%
18	8.269	1047	1051	1053	rBV	159865	160342	1.85%	0.217%
19	8.333	1057	1062	1066	rVV3	338486	372348	4.30%	0.503%
20	8.380	1068	1070	1074	rVB	235894	203064	2.34%	0.274%
21	8.428	1074	1078	1082	rBV4	148721	200080	2.31%	0.270%
22	8.522	1091	1094	1097	rVB	113703	110855	1.28%	0.150%
23	8.604	1099	1108	1111	rBV5	163851	323024	3.73%	0.437%
24	8.651	1111	1116	1120	rVV4	110918	182015	2.10%	0.246%
25	8.698	1120	1124	1126	rBV3	115397	143628	1.66%	0.194%
26	8.728	1126	1129	1132	rBV2	138452	162191	1.87%	0.219%
27	8.763	1132	1135	1138	rVB4	125998	163571	1.89%	0.221%
28	8.833	1144	1147	1150	rVB2	147272	116263	1.34%	0.157%
29	8.939	1159	1165	1167	rBV2	160688	241865	2.79%	0.327%
30	8.963	1167	1169	1171	rBV	161347	126729	1.46%	0.171%
31	9.033	1177	1181	1183	rBV2	148154	170109	1.96%	0.230%
32	9.175	1200	1205	1207	rBV4	88414	142618	1.65%	0.193%
33	9.216	1207	1212	1215	rVV	9085697	8661610	100.00%	11.705%
34	9.363	1231	1237	1240	rVB	323617	385577	4.45%	0.521%

LSC Area Percent Report

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Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.604	1275	1278	1282	rBV2	157081	232130	2.68%	0.314%
36	9.663	1286	1288	1293	rVV3	174610	199298	2.30%	0.269%
37	9.710	1293	1296	1298	rVB	169315	156639	1.81%	0.212%
38	9.763	1298	1305	1306	rBV5	81600	125982	1.45%	0.170%
39	9.892	1323	1327	1330	rBV	2765876	2459222	28.39%	3.323%
40	9.922	1330	1332	1337	rVB3	135366	170502	1.97%	0.230%
41	10.051	1349	1354	1357	rBV2	177089	228798	2.64%	0.309%
42	10.104	1358	1363	1368	rVB4	174124	304689	3.52%	0.412%
43	10.210	1378	1381	1386	rVB2	151988	201151	2.32%	0.272%
44	10.263	1387	1390	1394	rBV6	68366	94000	1.09%	0.127%
45	10.386	1408	1411	1414	rBV2	163352	168449	1.94%	0.228%
46	10.504	1425	1431	1437	rBV	704231	848139	9.79%	1.146%
47	10.598	1442	1447	1451	rVB4	177360	342193	3.95%	0.462%
48	10.645	1451	1455	1457	rBV3	88765	119302	1.38%	0.161%
49	10.686	1457	1462	1466	rBV	5534678	5425111	62.63%	7.332%
50	10.780	1474	1478	1481	rBV	189007	217052	2.51%	0.293%
51	10.880	1492	1495	1498	rBV2	157232	135877	1.57%	0.184%
52	11.022	1515	1519	1521	rBV	574274	600463	6.93%	0.811%
53	11.069	1526	1527	1530	rVB	124707	99977	1.15%	0.135%
54	11.127	1534	1537	1538	rBV2	171569	156150	1.80%	0.211%
55	11.186	1544	1547	1552	rVB3	89694	92512	1.07%	0.125%
56	11.233	1552	1555	1557	rBV3	78377	90931	1.05%	0.123%
57	11.380	1576	1580	1583	rBV	2738400	2247860	25.95%	3.038%
58	11.433	1587	1589	1592	rVB	103530	88553	1.02%	0.120%
59	11.492	1595	1599	1602	rBV3	164349	213510	2.47%	0.289%
60	11.827	1653	1656	1661	rBV2	170118	189693	2.19%	0.256%
61	11.910	1666	1670	1678	rVB	531669	585733	6.76%	0.792%
62	12.610	1784	1789	1793	rBV4	70520	136652	1.58%	0.185%
63	12.686	1799	1802	1809	rBV2	95986	138536	1.60%	0.187%
64	12.968	1845	1850	1853	rBV	7165109	7430798	85.79%	10.042%
65	13.857	1997	2001	2004	rBV2	169708	216219	2.50%	0.292%
66	14.021	2025	2029	2033	rVB	1888910	1660978	19.18%	2.245%
67	14.480	2104	2107	2113	rVB2	167078	185225	2.14%	0.250%
68	14.751	2150	2153	2154	rBV	77213	91009	1.05%	0.123%
69	14.786	2157	2159	2164	rVV	231358	243851	2.82%	0.330%
70	14.868	2168	2173	2177	rBV	2337641	2461004	28.41%	3.326%
71	15.127	2213	2217	2225	rVB	390827	444731	5.13%	0.601%

LSC Area Percent Report

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Sample : K1136-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-103

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.498	2274	2280	2289	rBV2	1543731	2386833	27.56%	3.226%
73	15.945	2351	2356	2361	rBV	393733	567935	6.56%	0.768%
74	16.368	2424	2428	2435	rBV8	115149	196903	2.27%	0.266%
75	16.451	2437	2442	2448	rVB	215588	362810	4.19%	0.490%
76	17.045	2539	2543	2550	rVB2	82678	155807	1.80%	0.211%

Sum of corrected areas: 73997274

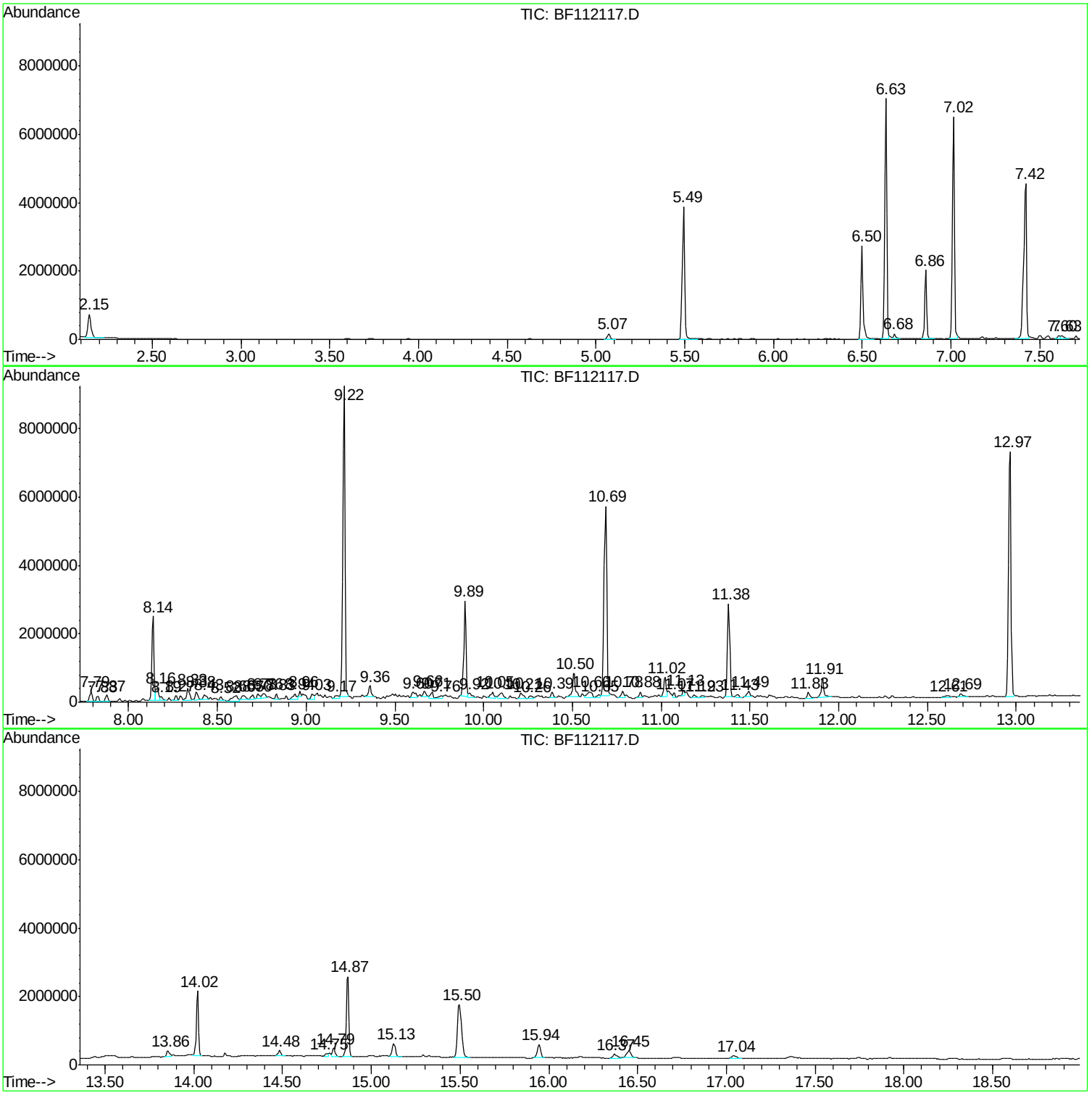
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

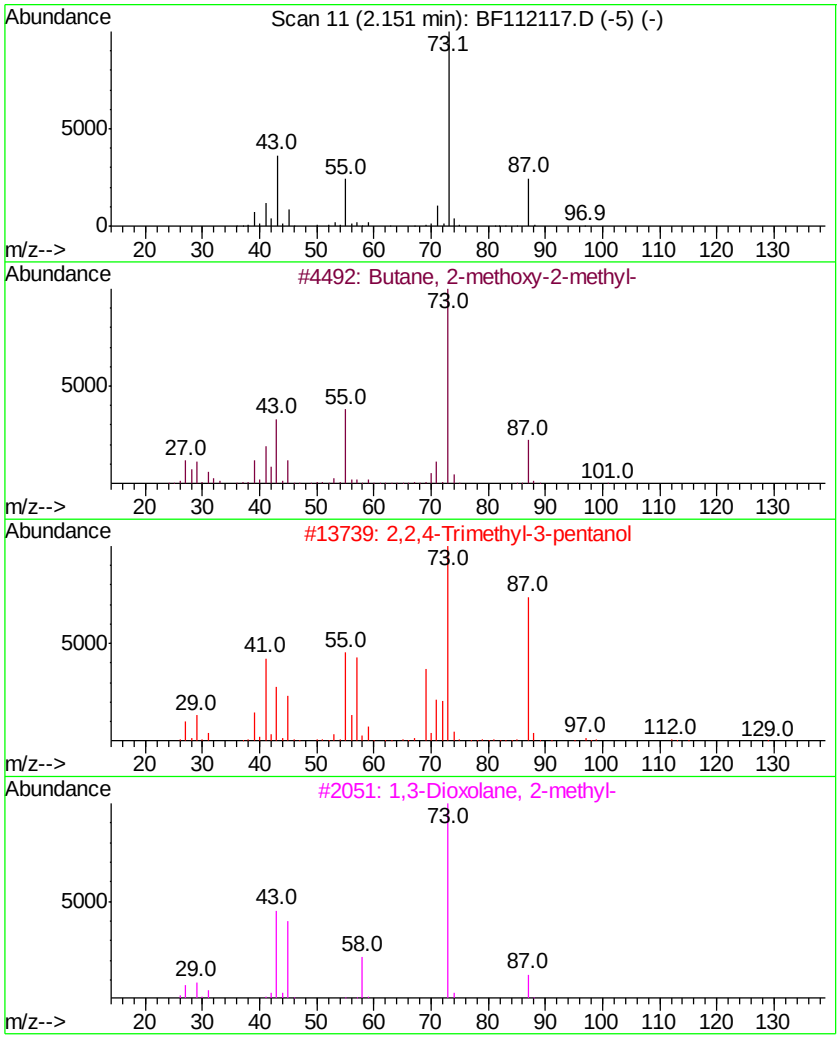
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

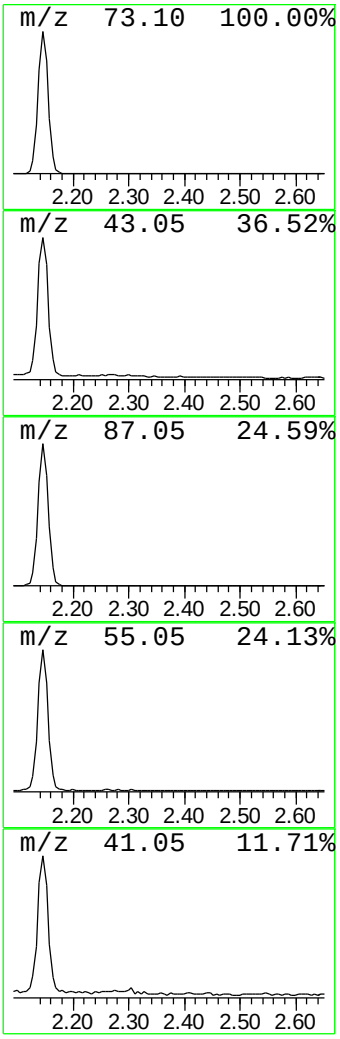
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	10.94 ng	924567	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

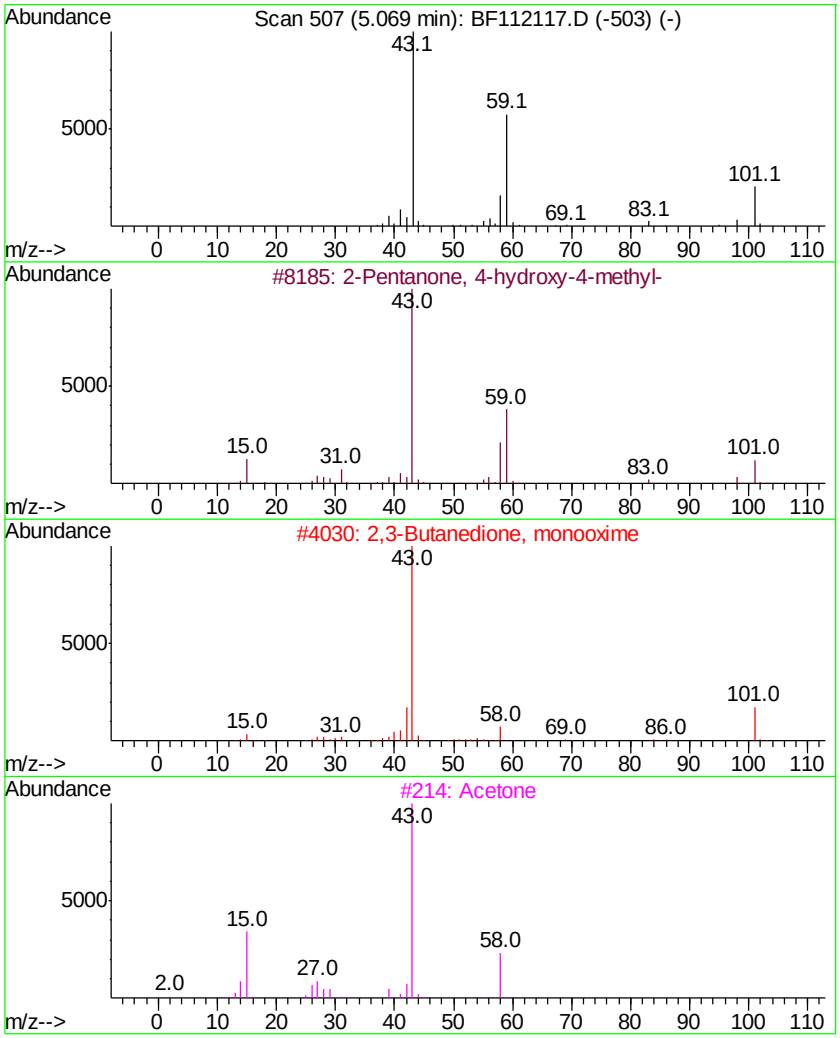
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

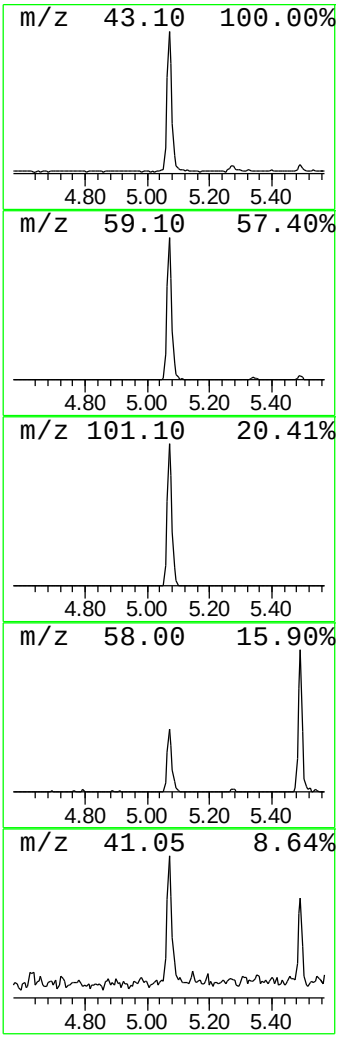
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.11 ng	178554	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetone	58	C3H6O	000067-64-1	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
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Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
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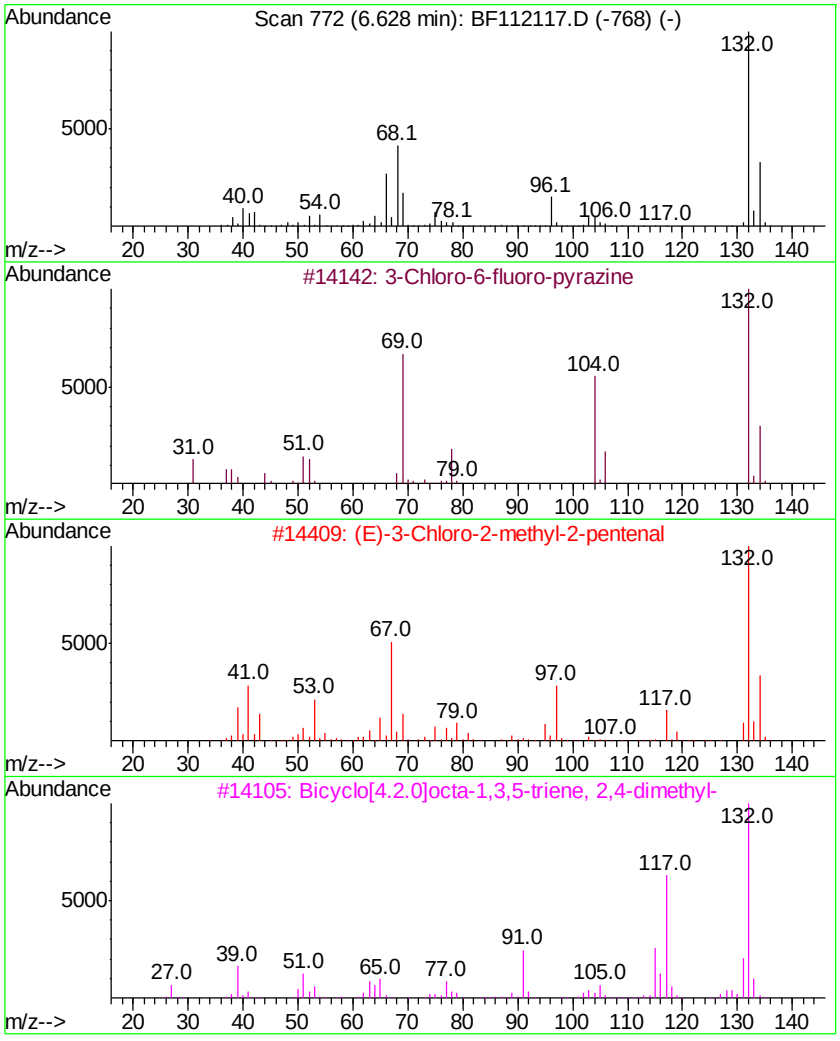
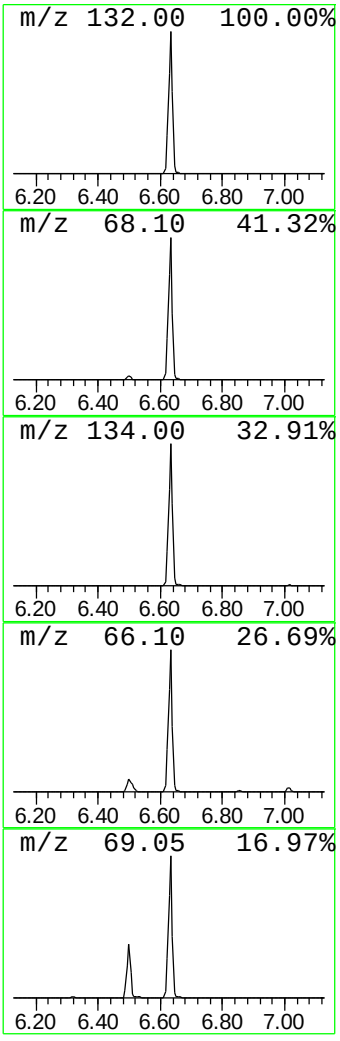
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	76.32 ng	6447040	1,4-Dichlorobenzene-d4	6.86

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	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

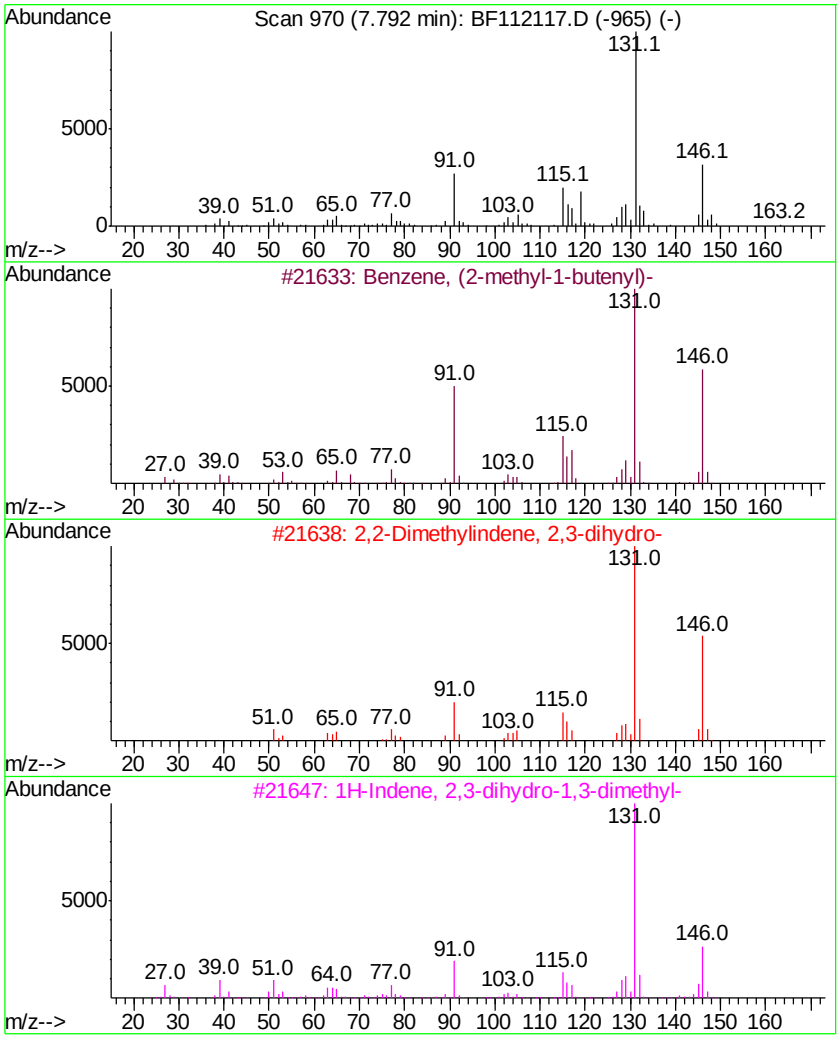
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

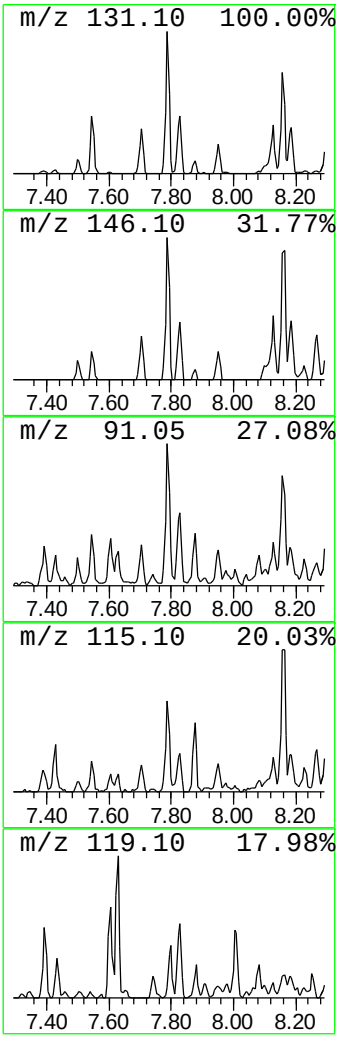
****

Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.30 ng	257594	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

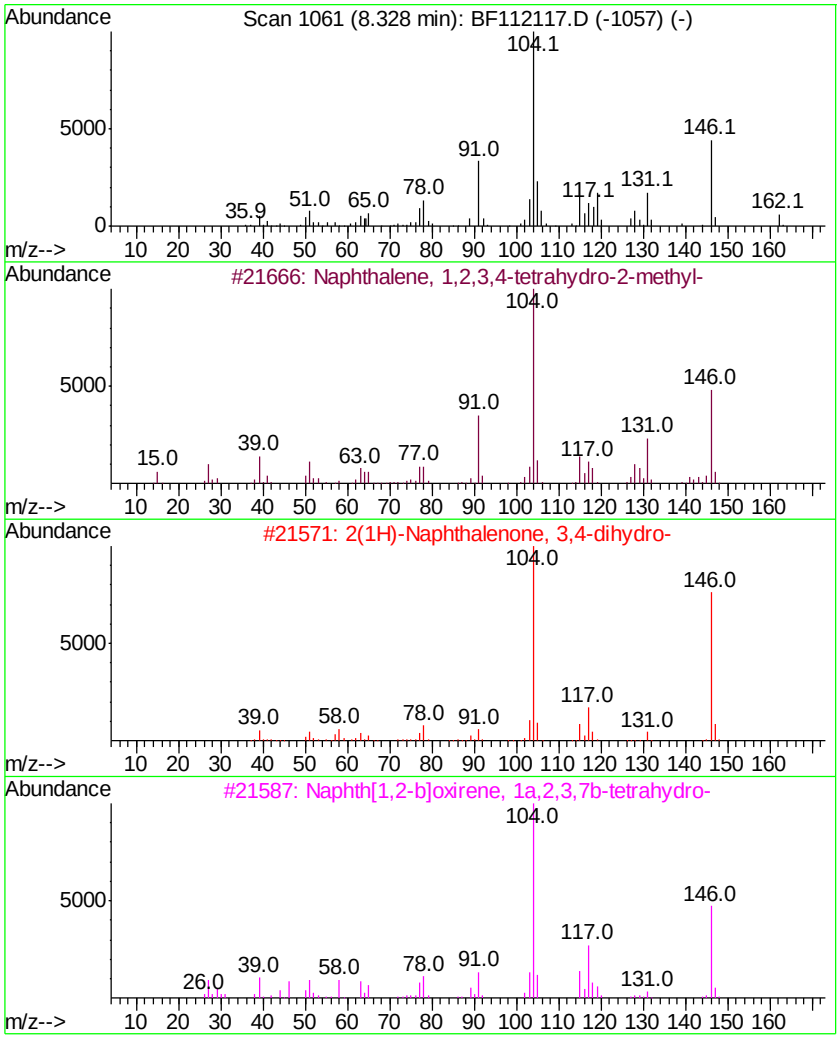
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

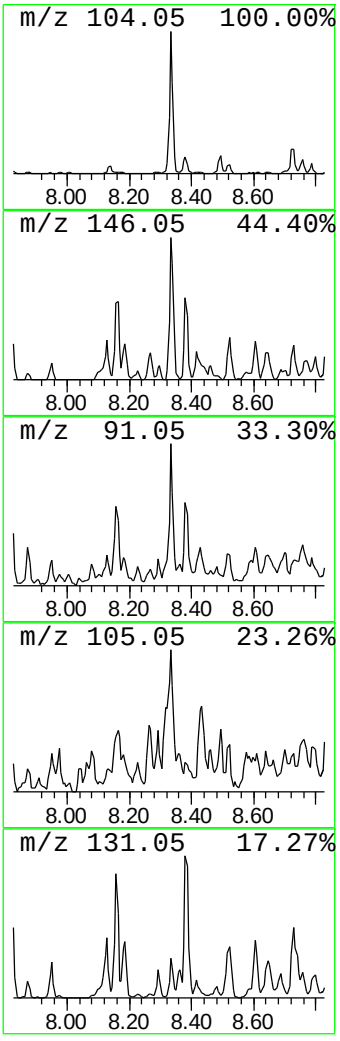
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	3.33 ng	372348	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
4	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	38
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





Library Search Compound Report

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Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

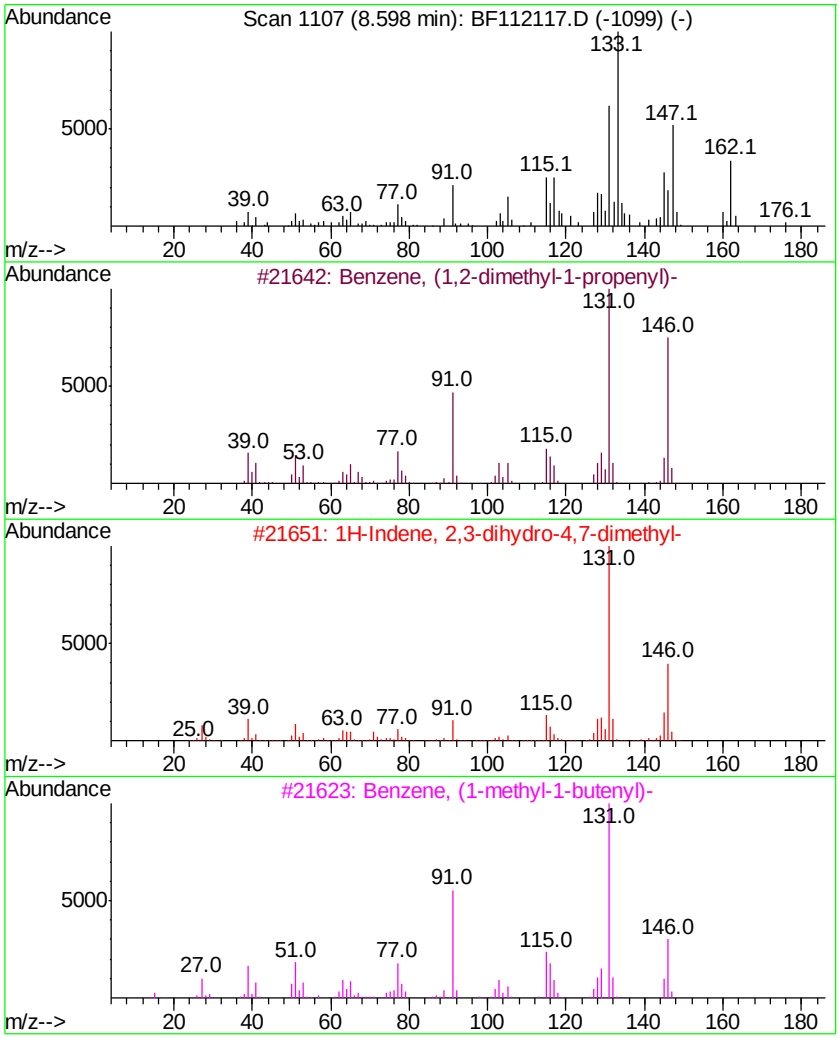
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

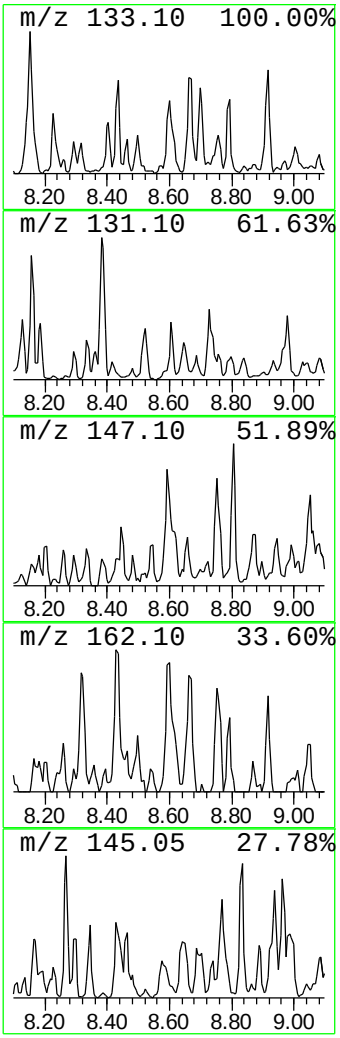
****

Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.89 ng	323024	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	60





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Sample : K1136-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-103

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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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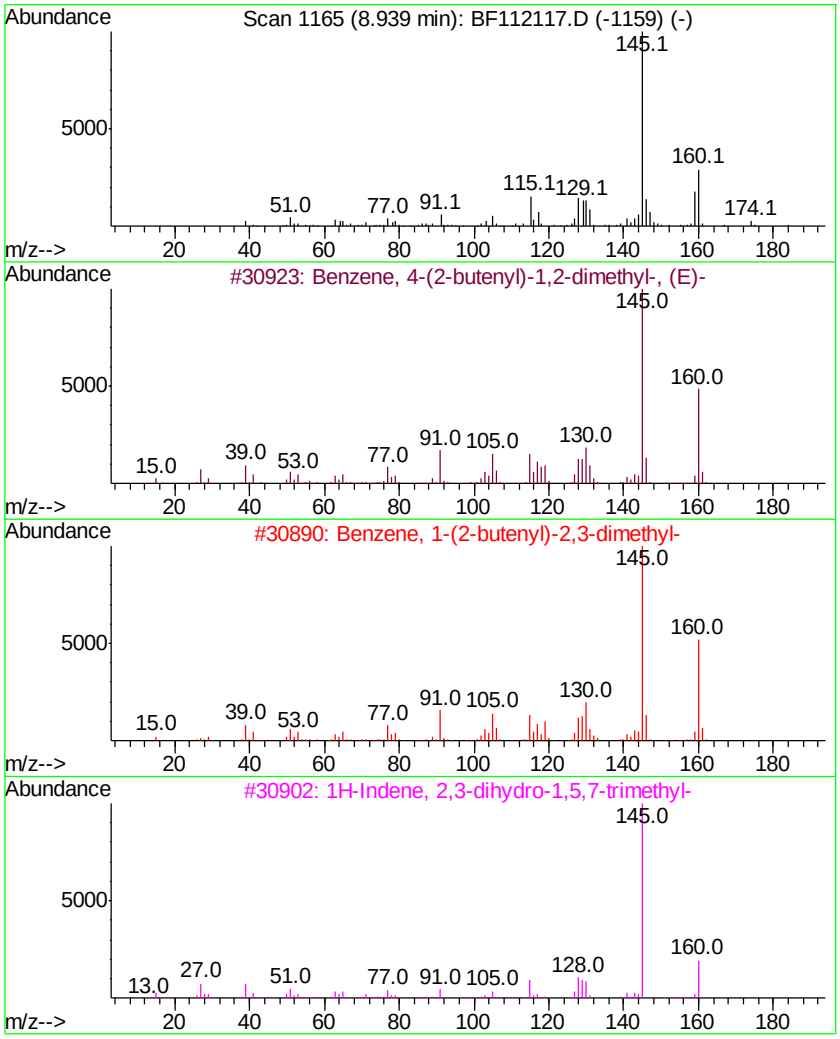
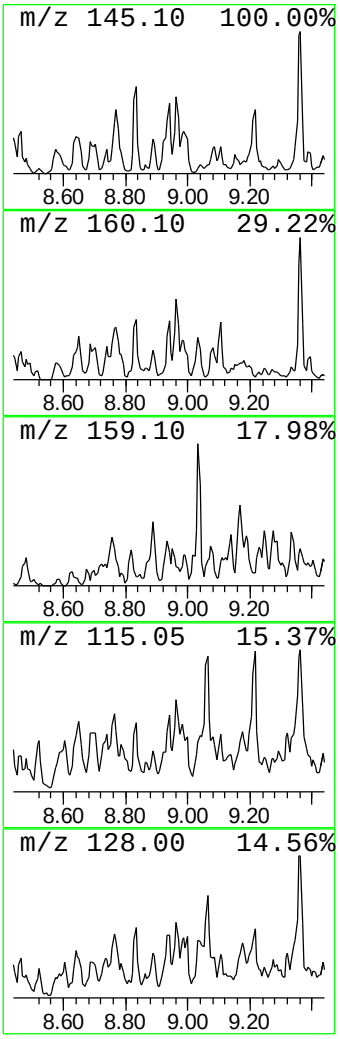
Peak Number 8 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.16 ng	241865	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87





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

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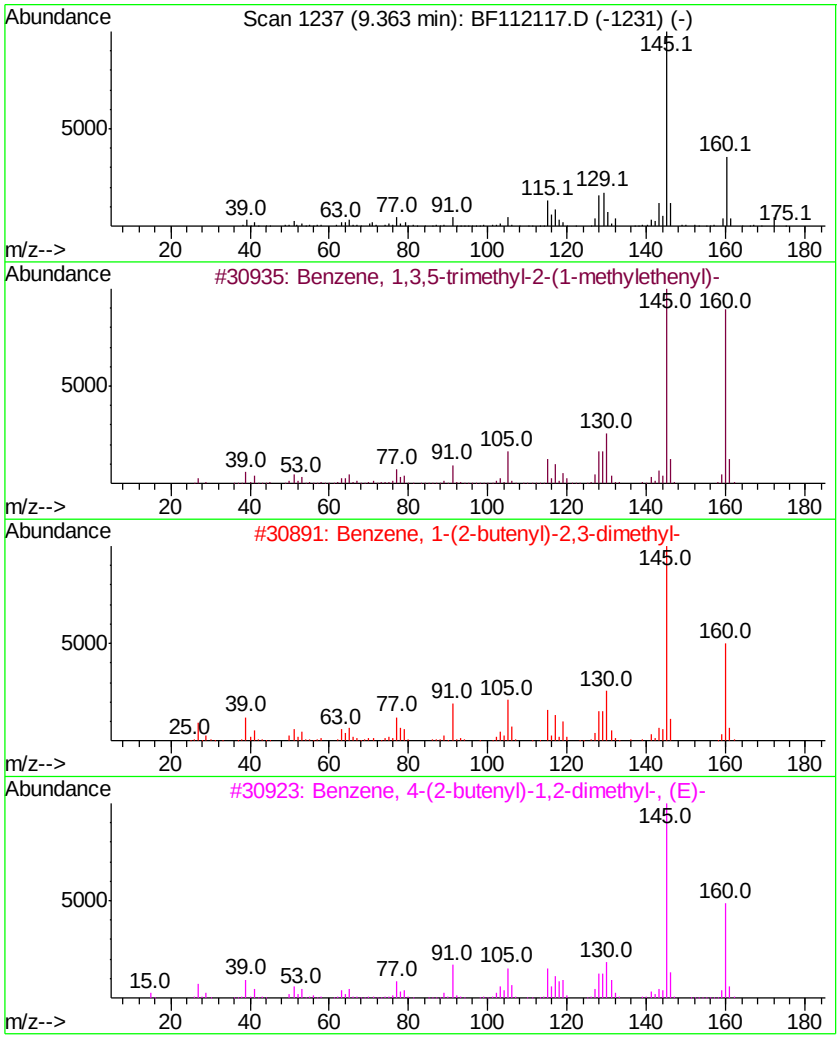
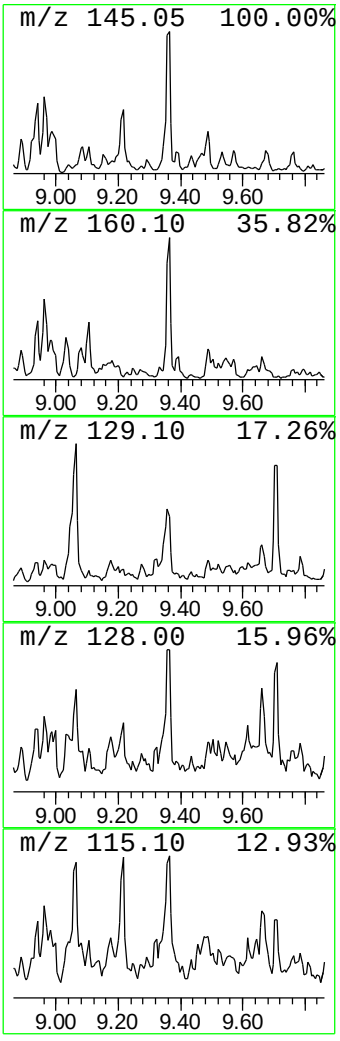
Peak Number 9 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.14 ng	385577	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	86
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	83





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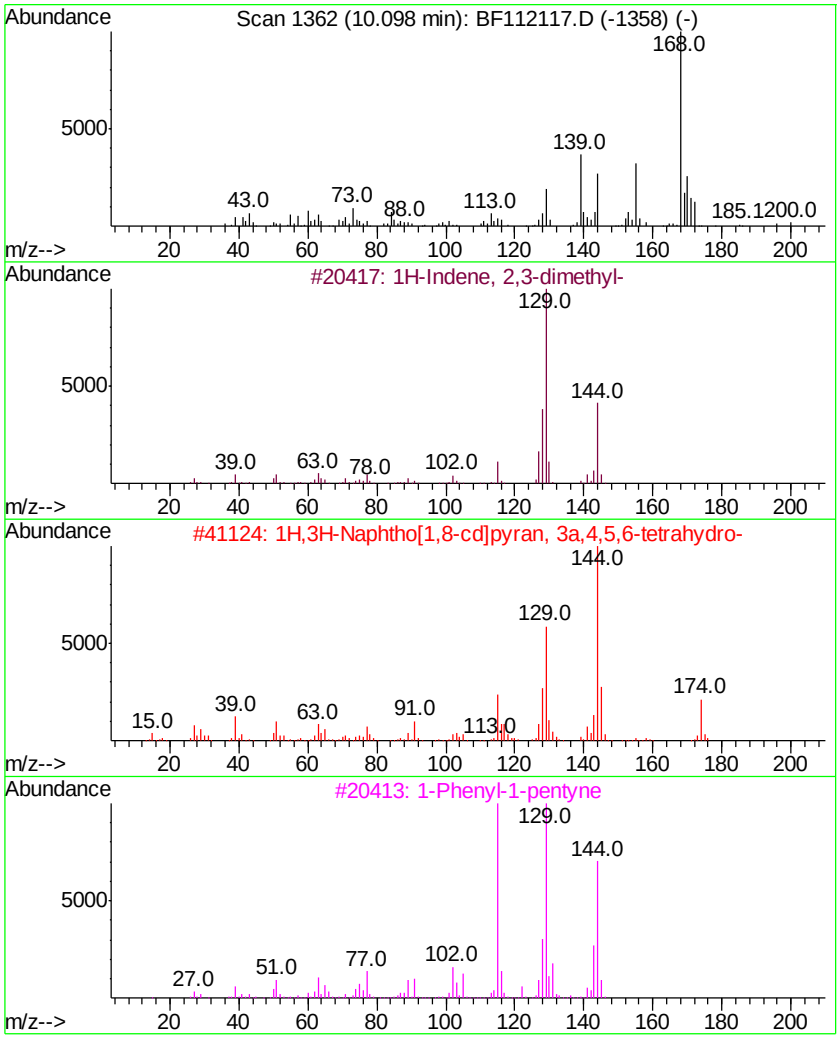
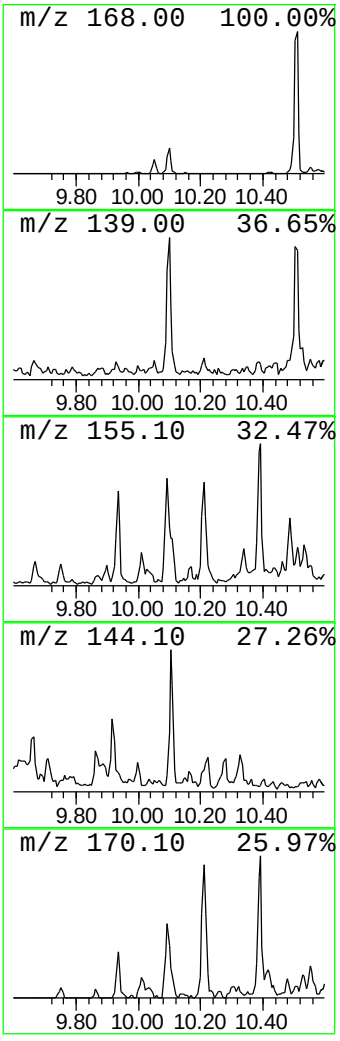
Peak Number 10 unknown10.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.48 ng	304689	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	38
2	1H,3H-Naphtho[1,8-cd]pyran, 3a,4...	174	C12H14O	036051-81-7	35
3	1-Phenyl-1-pentyne	144	C11H12	004250-81-1	35
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	30
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	30





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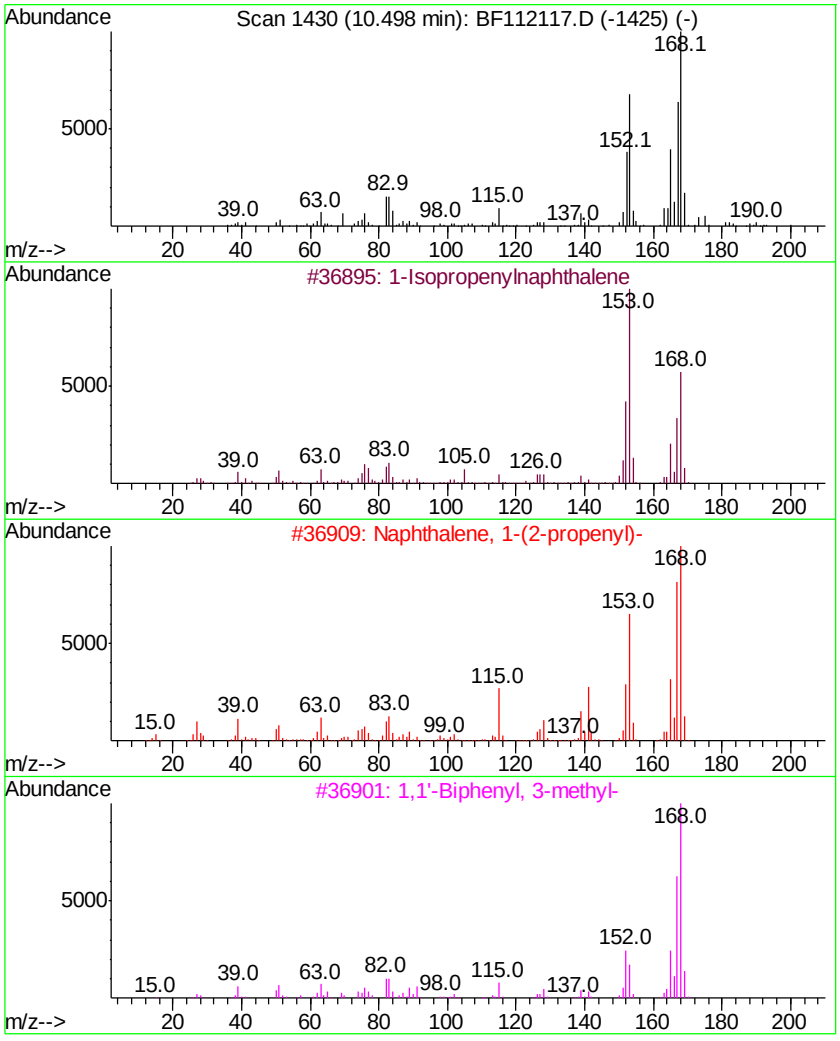
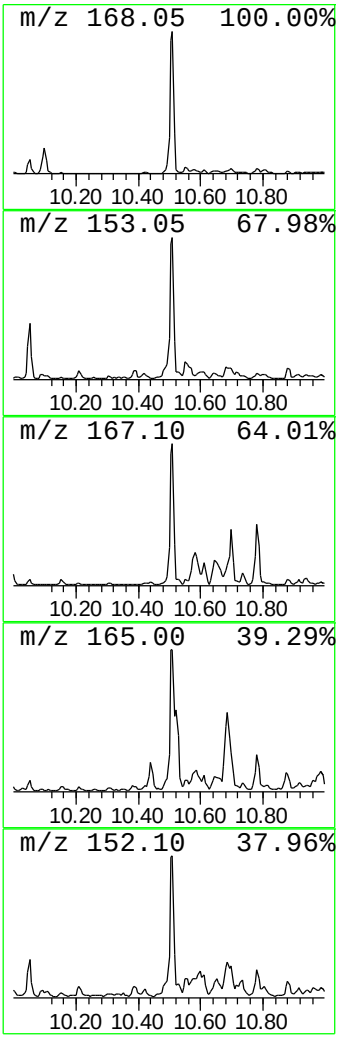
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	6.90 ng	848139	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58





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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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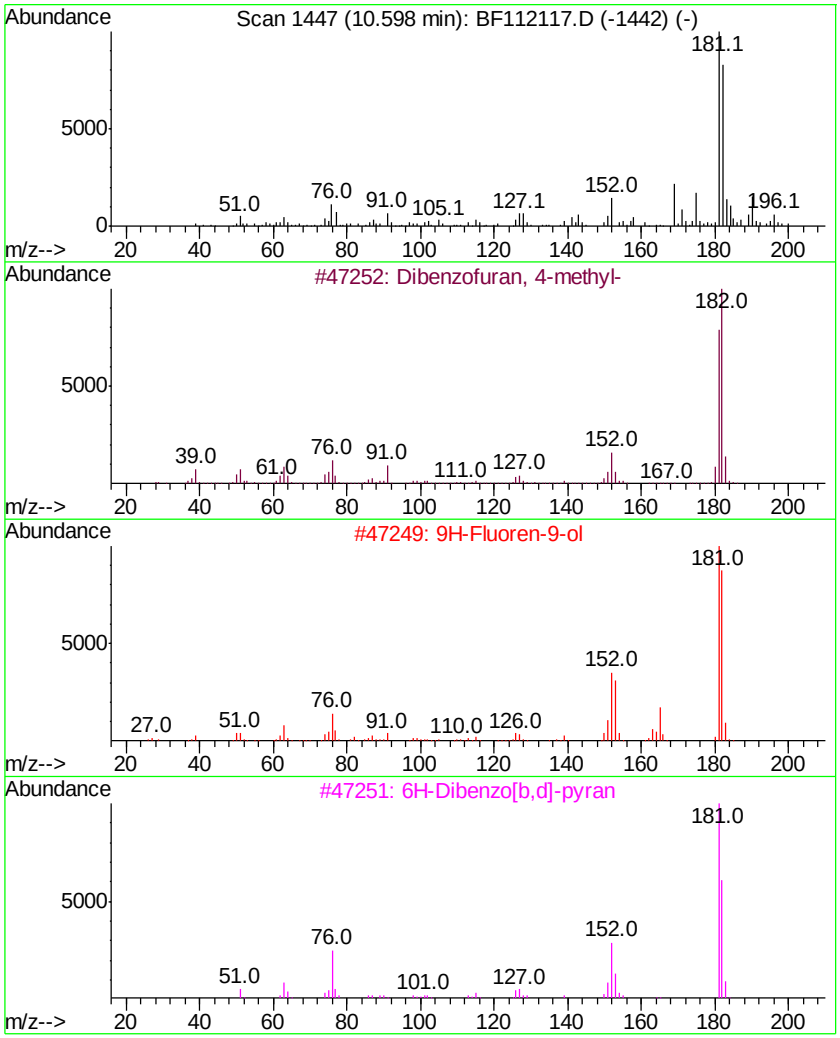
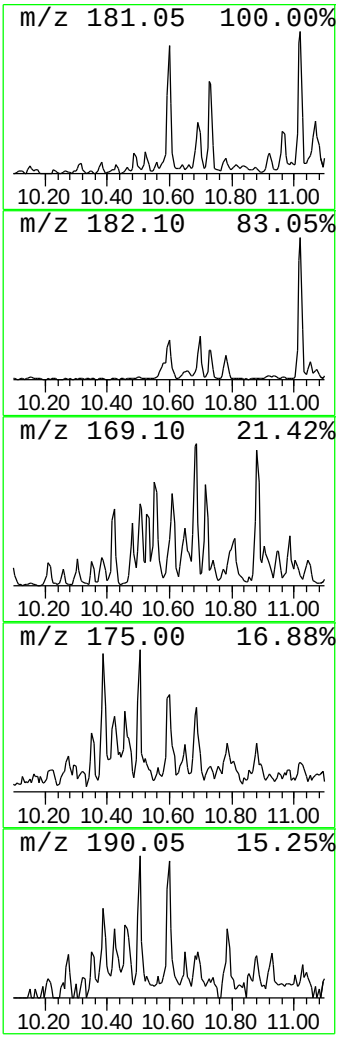
Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.78 ng	342193	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59
4	9H-Xanthene	182	C13H10O	000092-83-1	47
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	46





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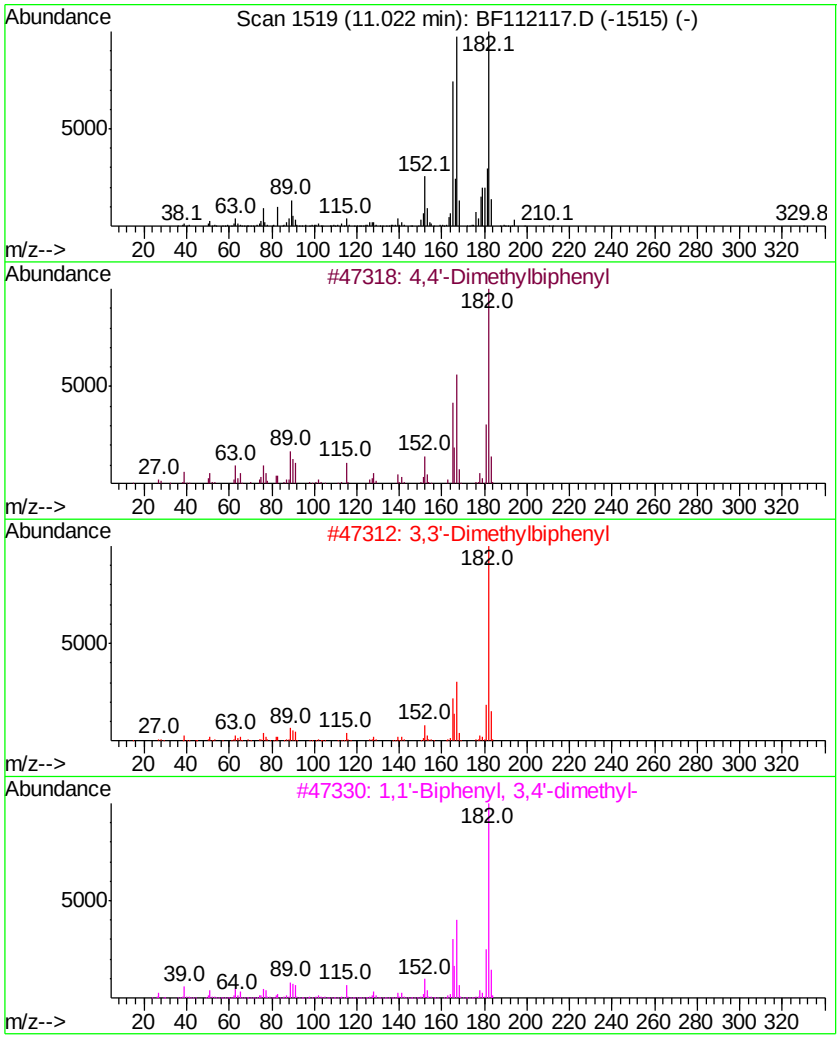
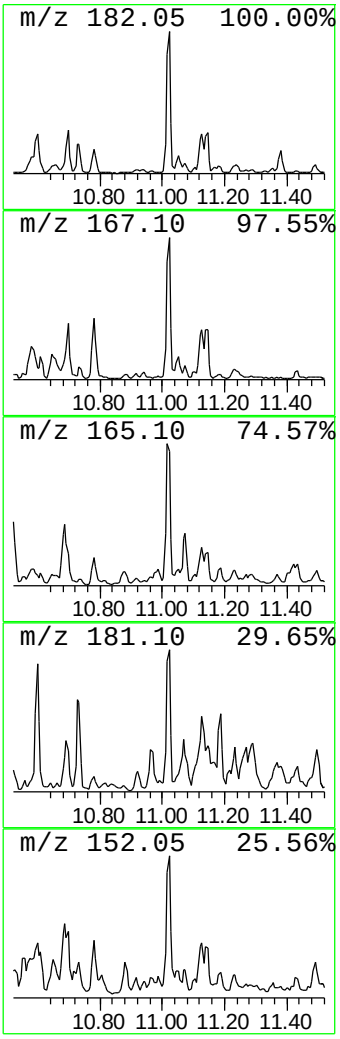
Peak Number 13 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	5.34 ng	600463	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	90
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	74
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	70
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64





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

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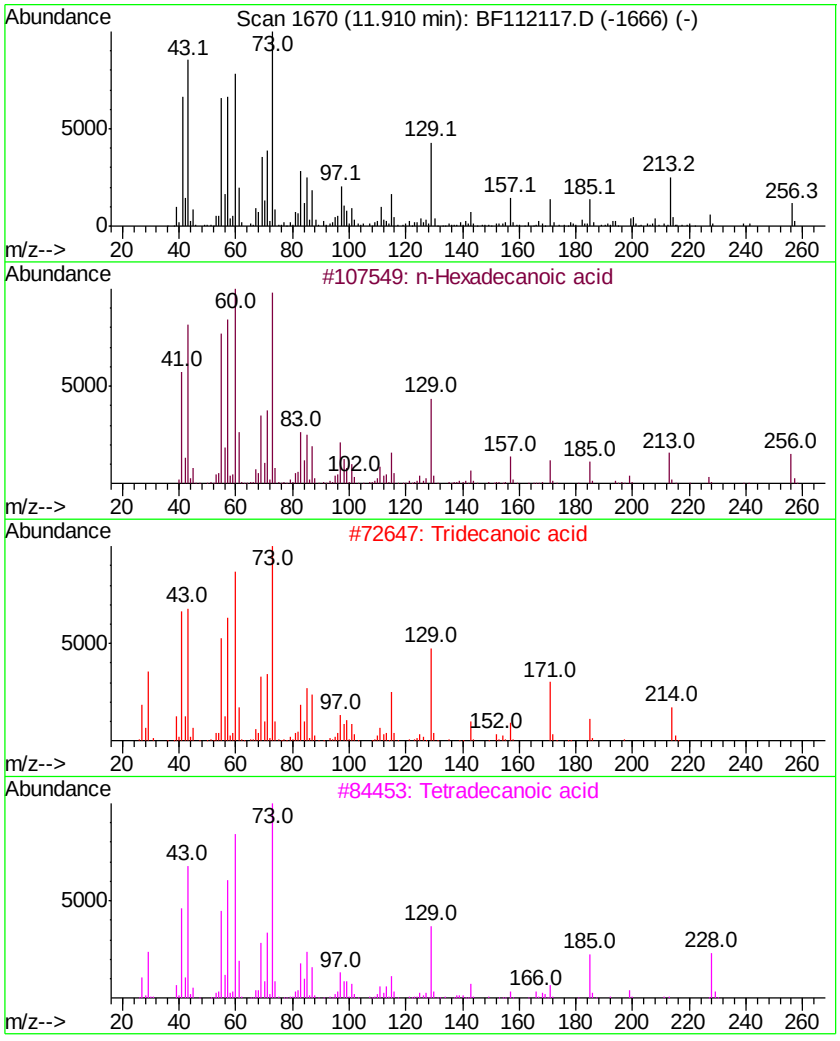
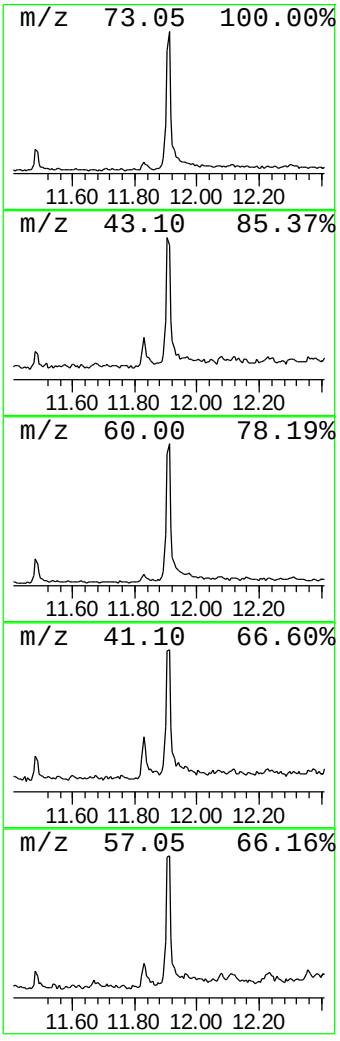
Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.21 ng	585733	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83





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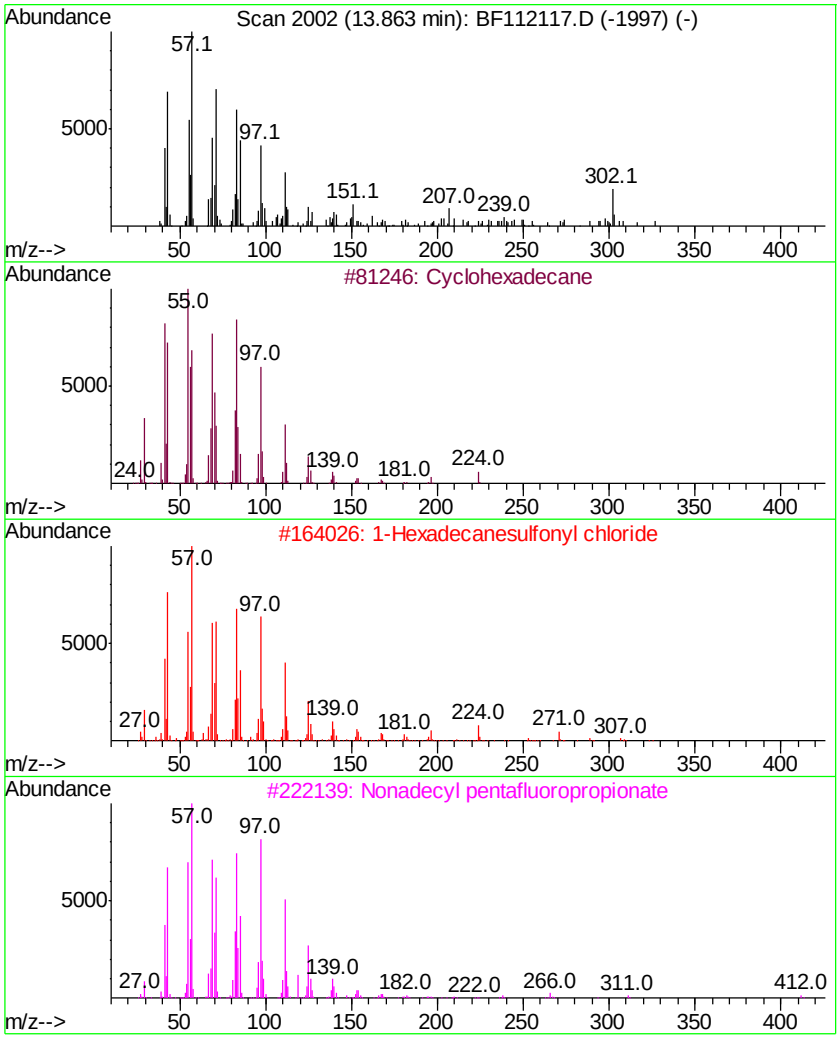
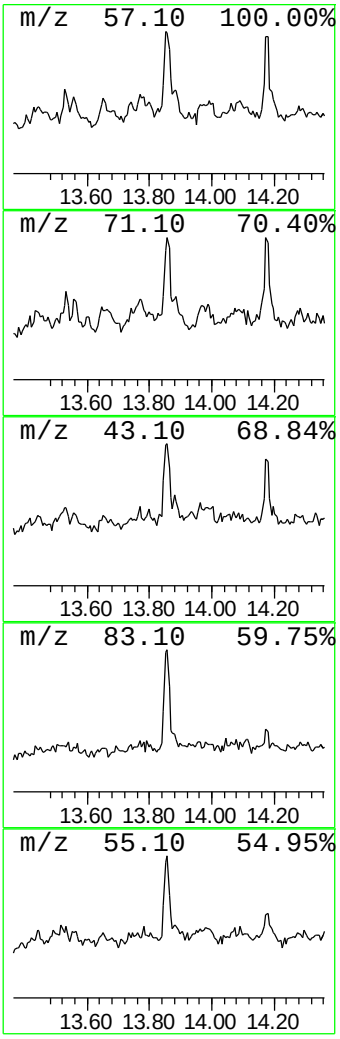
Peak Number 15 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.60 ng	216219	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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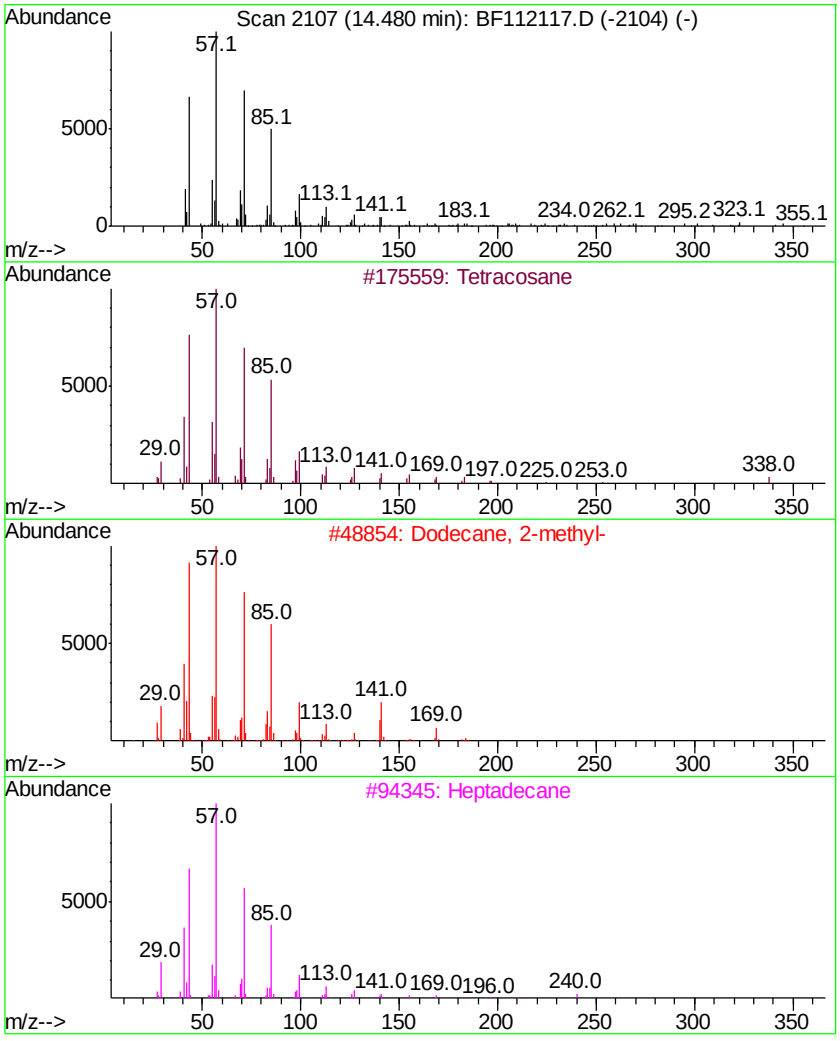
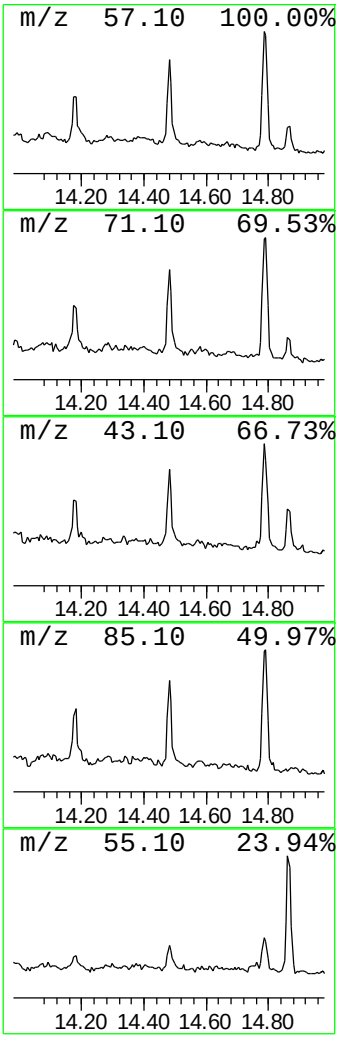
Peak Number 16 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.23 ng	185225	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





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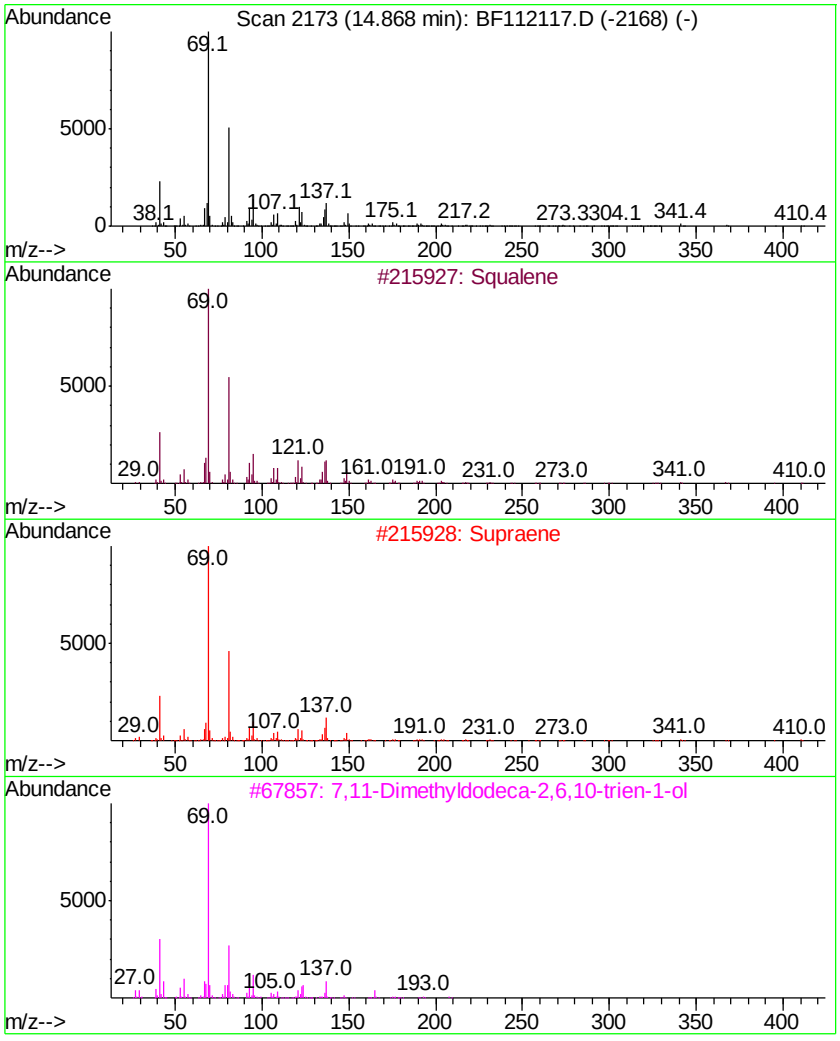
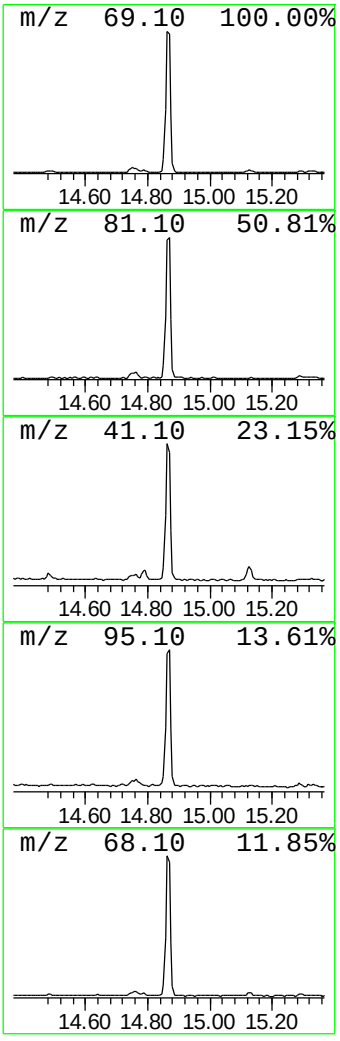
Peak Number 17 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	20.62 ng	2461000	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50





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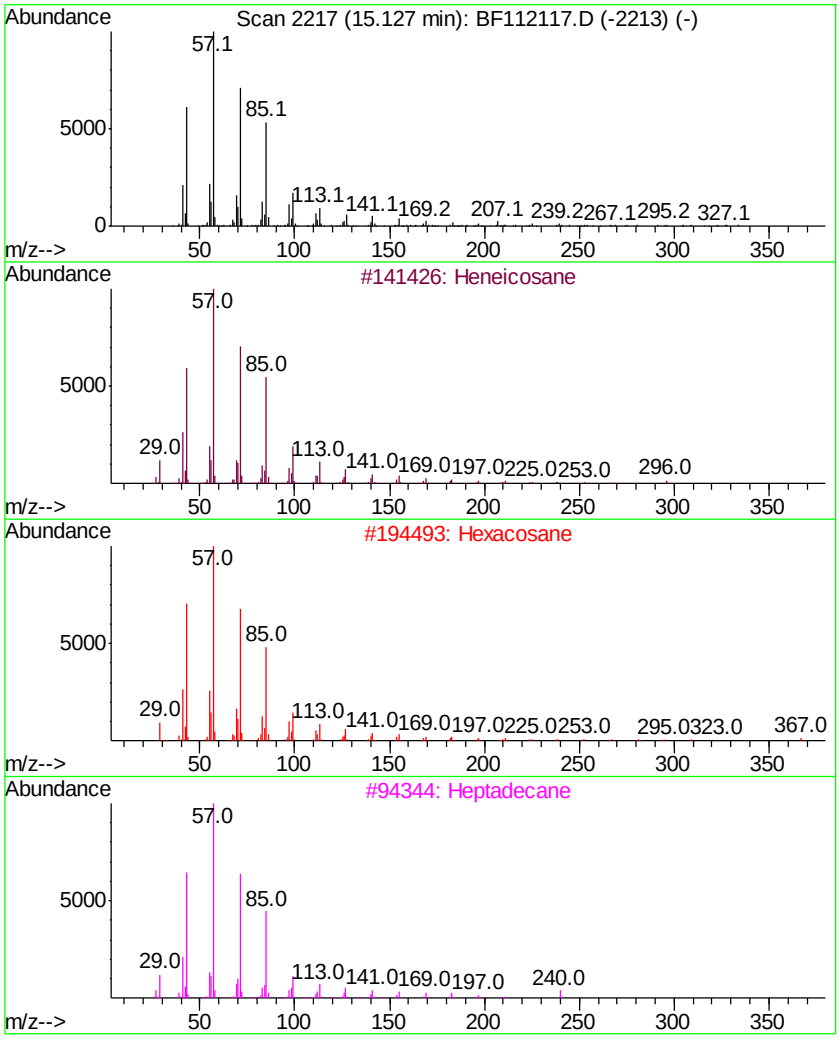
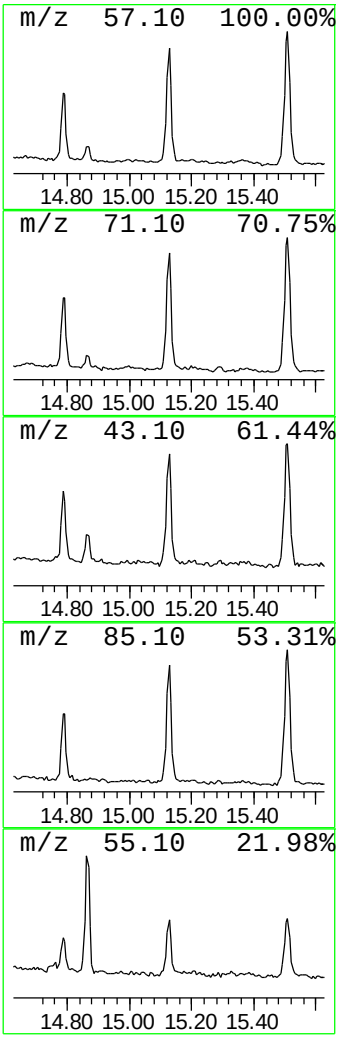
Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.73 ng	444731	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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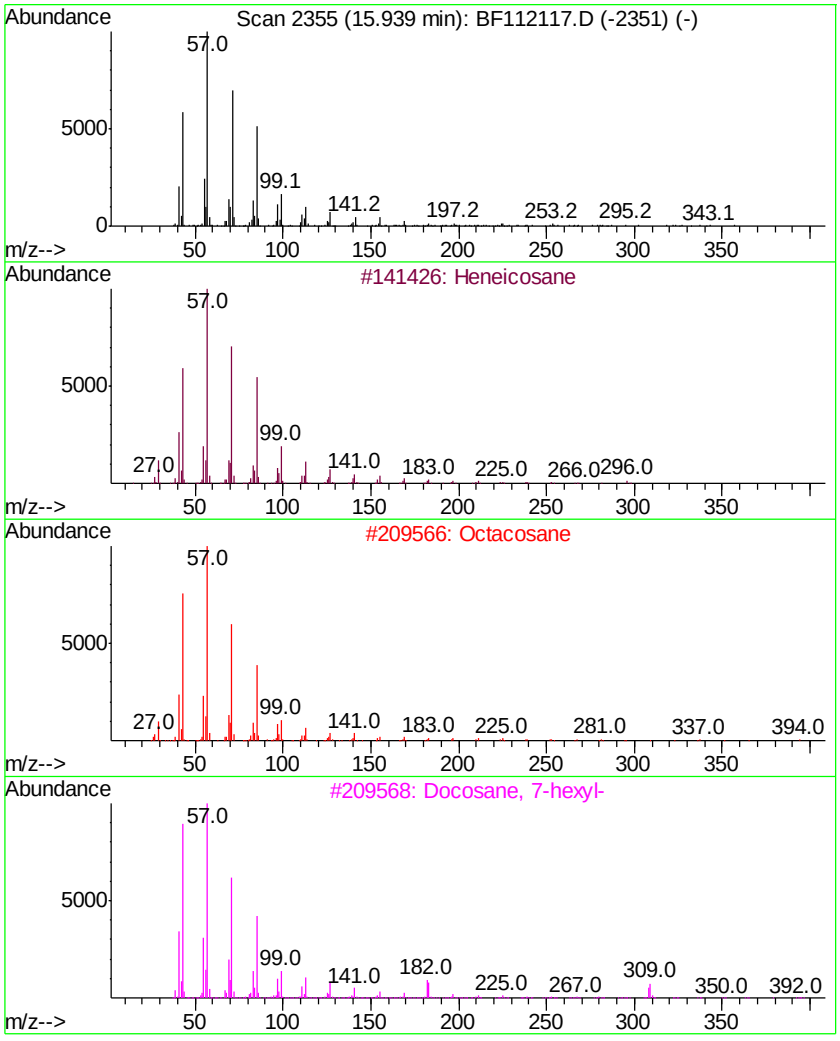
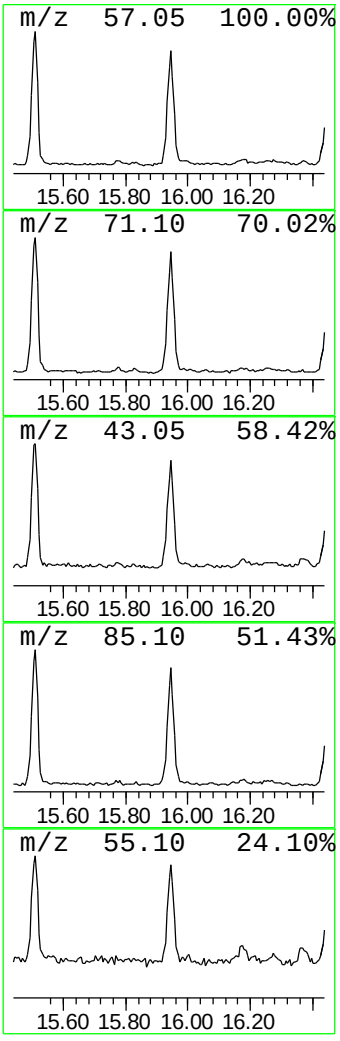
Peak Number 19 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.76 ng	567935	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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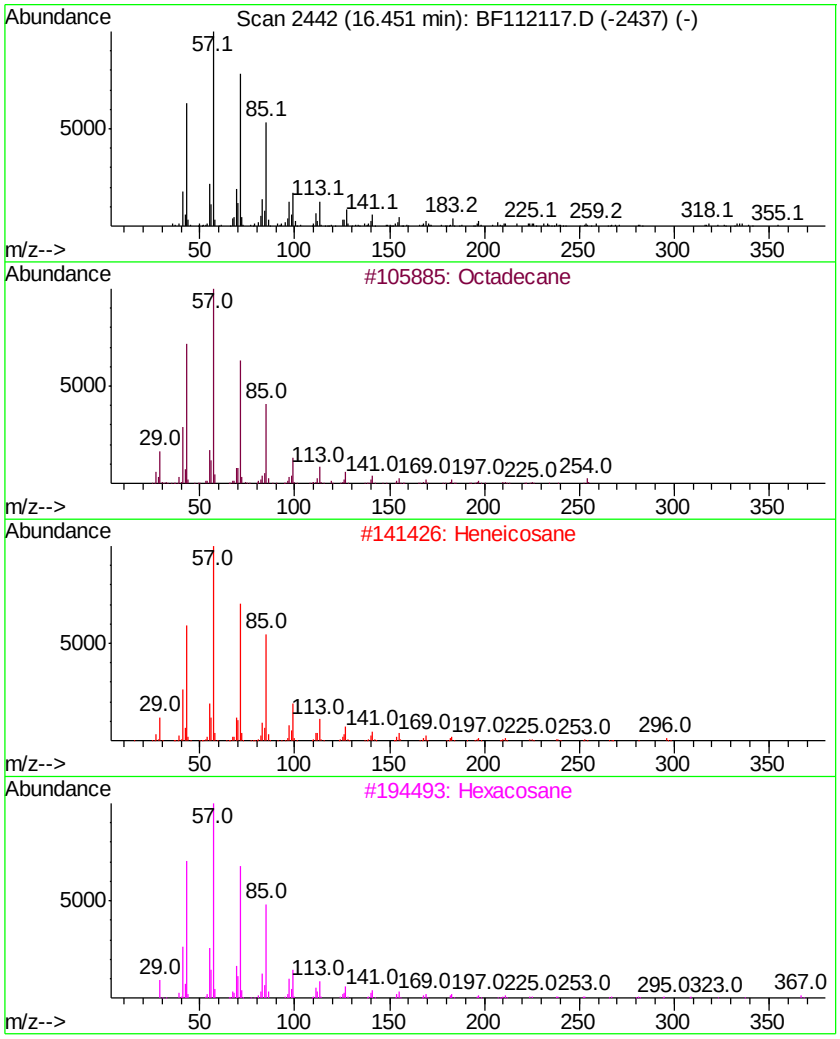
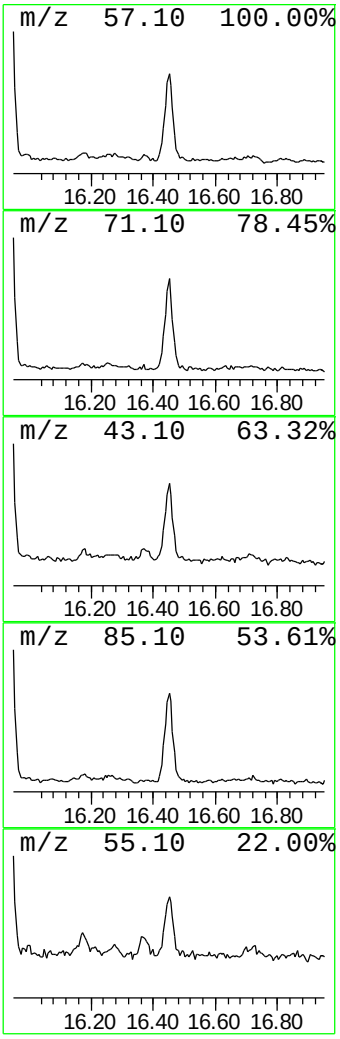
Peak Number 20 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.04 ng	362810	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112117.D
Acq On : 18 Jan 2019 10:37
Operator : JU/SJ
Sample : K1136-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
Butane, 2-methoxy...	2.15	10.9	ng	924567	1	6.86	1689570	20.0
2-Pentanone, 4-hy...	5.07	2.1	ng	178554	1	6.86	1689570	20.0
unknown6.63	6.63	76.3	ng	6447040	1	6.86	1689570	20.0
Benzene, (2-methy...	7.79	2.3	ng	257594	2	8.14	2236890	20.0
Naphthalene, 1,2,...	8.33	3.3	ng	372348	2	8.14	2236890	20.0
Benzene, (1,2-dim...	8.60	2.9	ng	323024	2	8.14	2236890	20.0
Benzene, 4-(2-but...	8.94	2.2	ng	241865	2	8.14	2236890	20.0
Benzene, 1,3,5-tr...	9.36	3.1	ng	385577	3	9.89	2459220	20.0
unknown10.10	10.10	2.5	ng	304689	3	9.89	2459220	20.0
1-Isopropenylnaph...	10.50	6.9	ng	848139	3	9.89	2459220	20.0
Dibenzofuran, 4-m...	10.60	2.8	ng	342193	3	9.89	2459220	20.0
4,4'-Dimethylbiph...	11.02	5.3	ng	600463	4	11.38	2247860	20.0
n-Hexadecanoic acid	11.91	5.2	ng	585733	4	11.38	2247860	20.0
Cyclohexadecane	13.86	2.6	ng	216219	5	14.02	1660980	20.0
Tetracosane	14.48	2.2	ng	185225	5	14.02	1660980	20.0
Squalene	14.87	20.6	ng	2461000	6	15.49	2386830	20.0
Heneicosane	15.13	3.7	ng	444731	6	15.49	2386830	20.0
Octacosane	15.94	4.8	ng	567935	6	15.49	2386830	20.0
Octadecane	16.45	3.0	ng	362810	6	15.49	2386830	20.0