LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

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-BF043015.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	1.495	24	27	30	rVB	2415515	2778322	100.00%	9.823%
2	1.644	37	40	46	rVB	115459	210446	7.57%	0.744%
3	1.770	49	51	53	rVV	48989	60330	2.17%	0.213%
4	1.815	53	55	60	rVB	91563	123594	4.45%	0.437%
5	1.895	60	62	79	rVB	1193692	1782683	64.16%	6.303%
6	5.153	345	347	353	rVB	66772	82155	2.96%	0.290%
7	5.644	387	390	392	rBV	723572	735388	26.47%	2.600%
8	6.890	497	499	502	rBV	655712	783096	28.19%	2.769%
9	7.050	511	513	516	rVB	616950	790149	28.44%	2.794%
10	7.347	536	539	541	rVB	527948	461375	16.61%	1.631%
11	7.530	553	555	558	rBV	609424	593221	21.35%	2.097%
12	8.033	597	599	601	rBV	539068	469993	16.92%	1.662%
13	8.925	675	677	679	rBV	727377	648781	23.35%	2.294%
14	9.622	737	738	740	rBV	24565	32911	1.18%	0.116%
15	10.273	792	795	797	rBV	717859	881309	31.72%	3.116%
16	10.776	836	839	841	rBV	44659	50490	1.82%	0.179%
17	10.925	850	852	855	rBV	82784	74636	2.69%	0.264%
18	11.096	865	867	870	rBV	622149	723086	26.03%	2.556%
19	11.142	870	871	873	rVB	40906	29294	1.05%	0.104%
20	11.782	925	927	929	rVB	42094	39442	1.42%	0.139%
21	11.999	943	946	949	rVB	140308	137358	4.94%	0.486%
22	12.079	950	953	956	rVV	655196	622314	22.40%	2.200%
23	12.822	1016	1018	1026	rVB	17261	31295	1.13%	0.111%
24	12.948	1026	1029	1030	rBV	826719	783054	28.18%	2.769%
25	12.971	1030	1031	1034	rVB	387346	511802	18.42%	1.809%
26	13.039	1034	1037	1039	rBV	167321	169433	6.10%	0.599%
27	13.245	1050	1055	1056	rBV3	36273	43072	1.55%	0.152%
28	13.577	1080	1084	1085	rBV	91670	90056	3.24%	0.318%
29	13.611	1085	1087	1089	rVV	128271	118768	4.27%	0.420%
30	13.668	1089	1092	1094	rVV	50877	56500	2.03%	0.200%
31	13.714	1094	1096	1097	rVV	137269	167483	6.03%	0.592%
32	13.737	1097	1098	1101	rVB	54634	70167	2.53%	0.248%
33	13.954	1115	1117	1123	rVB2	65327	111809	4.02%	0.395%
34	14.137	1129	1133	1135	rBV2	27088	34659	1.25%	0.123%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.262	1140	1144	1146	rBV	69886	89354	3.22%	0.316%
36	14.308	1146	1148	1151	rVV2	37961	66894	2.41%	0.237%
37	14.365	1151	1153	1156	rVB2	51589	82726	2.98%	0.292%
38	14.457	1158	1161	1164	rBV	984507	957707	34.47%	3.386%
39	14.537	1166	1168	1169	rBV2	25386	32049	1.15%	0.113%
40	14.571	1169	1171	1173	rVB	43285	51874	1.87%	0.183%
41	14.640	1173	1177	1178	rBV2	36591	65437	2.36%	0.231%
42	14.742	1183	1186	1188	rBV	862782	1088380	39.17%	3.848%
43	14.811	1188	1192	1196	rVB3	44380	102841	3.70%	0.364%
44	14.902	1196	1200	1201	rBV	32739	54105	1.95%	0.191%
45	14.948	1201	1204	1206	rBV	977601	1086793	39.12%	3.842%
46	15.028	1206	1211	1213	rBV2	49428	87511	3.15%	0.309%
47	15.131	1216	1220	1221	rBV4	55878	106804	3.84%	0.378%
48	15.154	1221	1222	1224	rVB	96186	110396	3.97%	0.390%
49	15.245	1224	1230	1232	rBV	79816	114938	4.14%	0.406%
50	15.291	1232	1234	1236	rBV	111690	133671	4.81%	0.473%
51	15.405	1242	1244	1246	rBV	60247	67049	2.41%	0.237%
52	15.440	1246	1247	1249	rVV	44275	52420	1.89%	0.185%
53	15.474	1249	1250	1254	rVB4	16776	38176	1.37%	0.135%
54	15.543	1254	1256	1259	rBV3	20343	42390	1.53%	0.150%
55	15.805	1276	1279	1283	rVB	79212	118712	4.27%	0.420%
56	15.885	1283	1286	1288	rBV4	14388	33601	1.21%	0.119%
57	15.954	1288	1292	1294	rBV2	80919	144850	5.21%	0.512%
58	16.000	1294	1296	1299	rVV2	67025	156169	5.62%	0.552%
59	16.080	1301	1303	1306	rVB	75992	110449	3.98%	0.390%
60	16.148	1307	1309	1316	rBV4	103542	219282	7.89%	0.775%
61	16.285	1316	1321	1323	rBV2	1008626	1770789	63.74%	6.261%
62	16.320	1323	1324	1330	rVB2	465608	560888	20.19%	1.983%
63	16.423	1330	1333	1335	rBV2	67010	108291	3.90%	0.383%
64	16.480	1335	1338	1339	rBV2	33186	49417	1.78%	0.175%
65	16.548	1342	1344	1347	rVB3	27949	51325	1.85%	0.181%
66	16.605	1347	1349	1351	rBV	47344	65017	2.34%	0.230%
67	16.731	1357	1360	1362	rBV2	27456	40170	1.45%	0.142%
68	16.765	1362	1363	1365	rBV	22508	38836	1.40%	0.137%
69	16.823	1365	1368	1370	rVV	89441	126672	4.56%	0.448%
70	16.868	1370	1372	1375	rBV2	44538	57765	2.08%	0.204%
71	16.948	1377	1379	1381	rBV	42357	43729	1.57%	0.155%

LSC Area Percent Report

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Operator : TP/IZ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.983	1381	1382	1384	rBV2	35739	54190	1.95%	0.192%
73	17.108	1391	1393	1397	rVB2	36881	56577	2.04%	0.200%
74	17.177	1397	1399	1402	rBV3	24661	52874	1.90%	0.187%
75	17.234	1402	1404	1406	rBV3	35266	58748	2.11%	0.208%
76	17.337	1410	1413	1417	rVB4	30400	70434	2.54%	0.249%
77	17.406	1417	1419	1421	rBV	20761	32985	1.19%	0.117%
78	17.451	1421	1423	1425	rBV2	34875	58216	2.10%	0.206%
79	17.680	1440	1443	1450	rBV	445817	1051349	37.84%	3.717%
80	17.806	1452	1454	1456	rVB	110101	132950	4.79%	0.470%
81	17.977	1467	1469	1471	rBV2	25664	38439	1.38%	0.136%
82	18.023	1471	1473	1477	rVB	252316	405261	14.59%	1.433%
83	18.091	1477	1479	1483	rVB	437830	588377	21.18%	2.080%
84	18.171	1483	1486	1488	rBV	691295	1095681	39.44%	3.874%
85	19.520	1601	1604	1607	rVB	50864	101034	3.64%	0.357%
86	19.634	1612	1614	1615	rVV2	34889	54489	1.96%	0.193%
87	19.680	1615	1618	1625	rVB2	213115	507035	18.25%	1.793%
88	19.874	1633	1635	1637	rBV	41177	78850	2.84%	0.279%
89	19.932	1638	1640	1643	rVV2	40217	78693	2.83%	0.278%
90	20.137	1654	1658	1667	rVB	193441	513948	18.50%	1.817%
91	20.366	1674	1678	1689	rVB2	89182	361345	13.01%	1.278%
92	20.572	1693	1696	1703	rBV8	103154	287627	10.35%	1.017%
93	21.143	1744	1746	1756	rVB9	53737	179269	6.45%	0.634%

Sum of corrected areas: 28284319

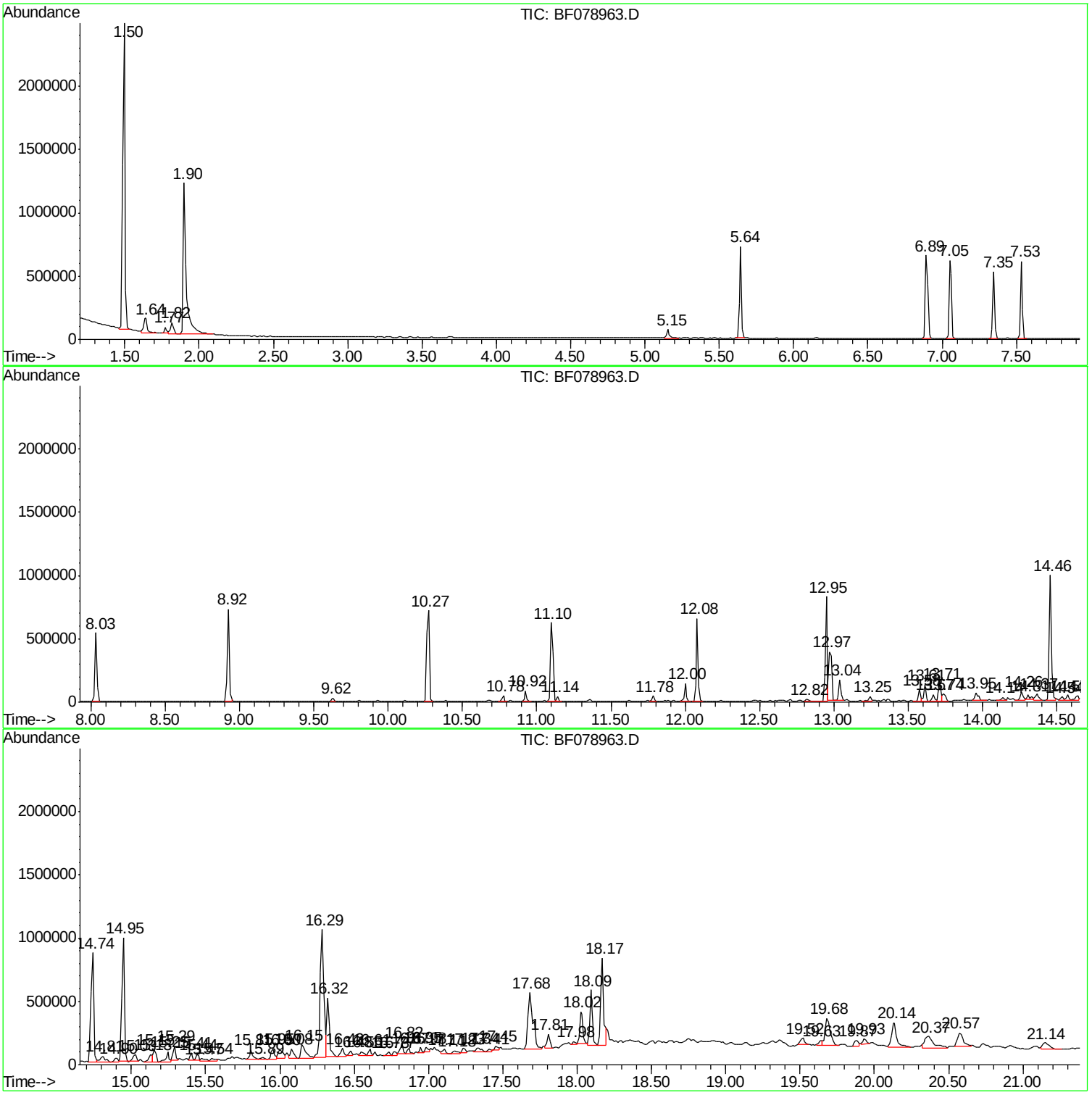
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

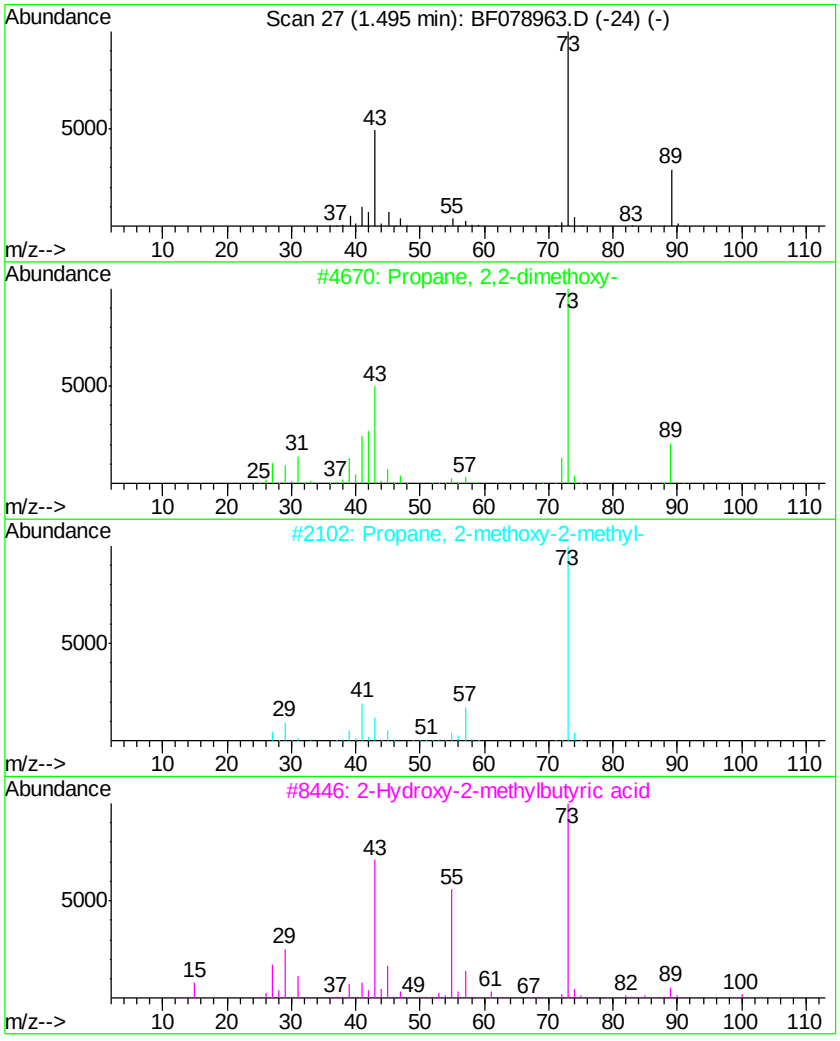
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

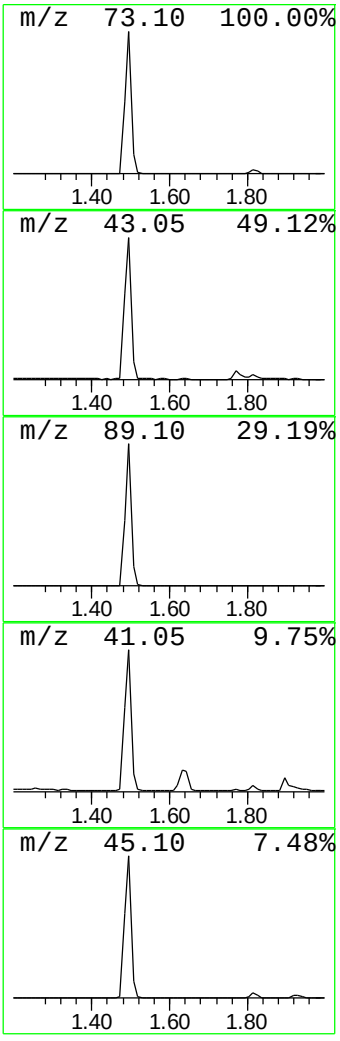
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	120.44 ng	2778320	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

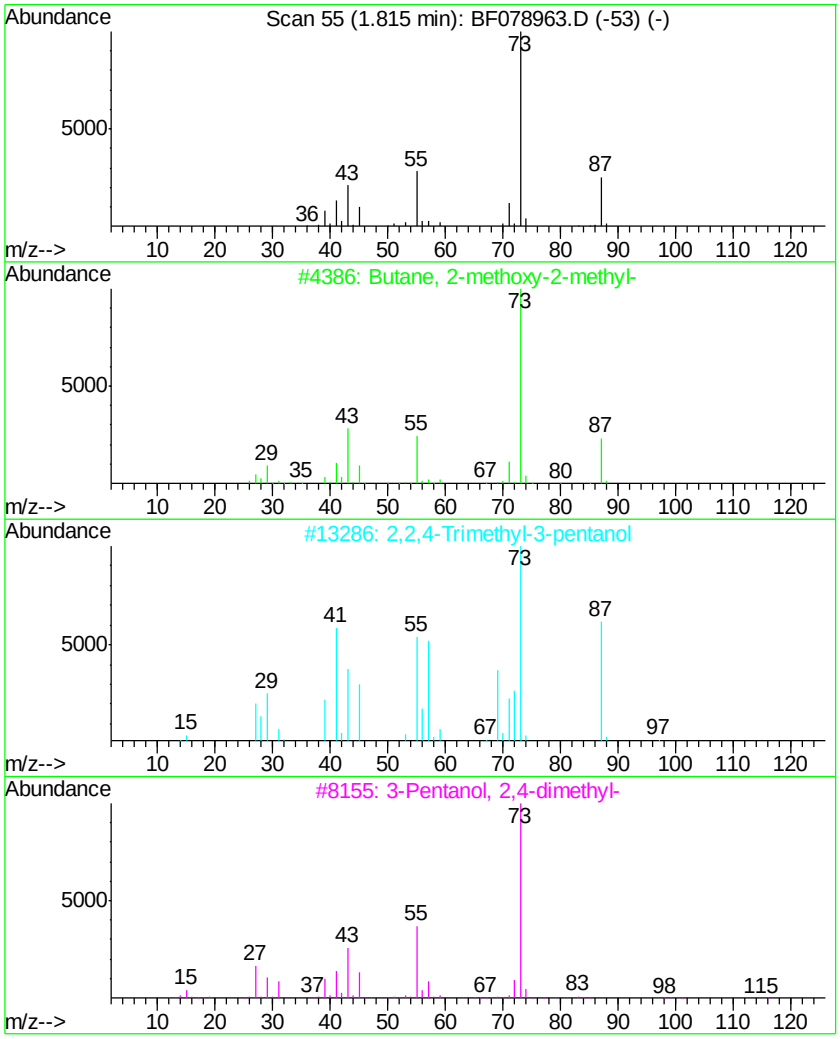
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

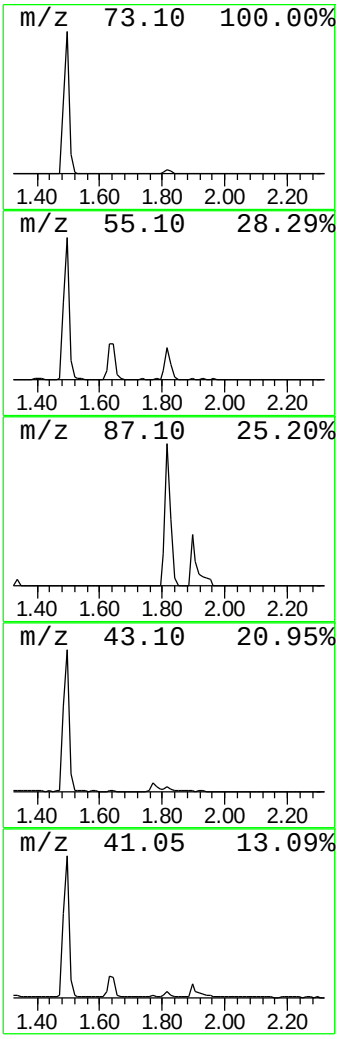
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	5.36 ng	123594	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

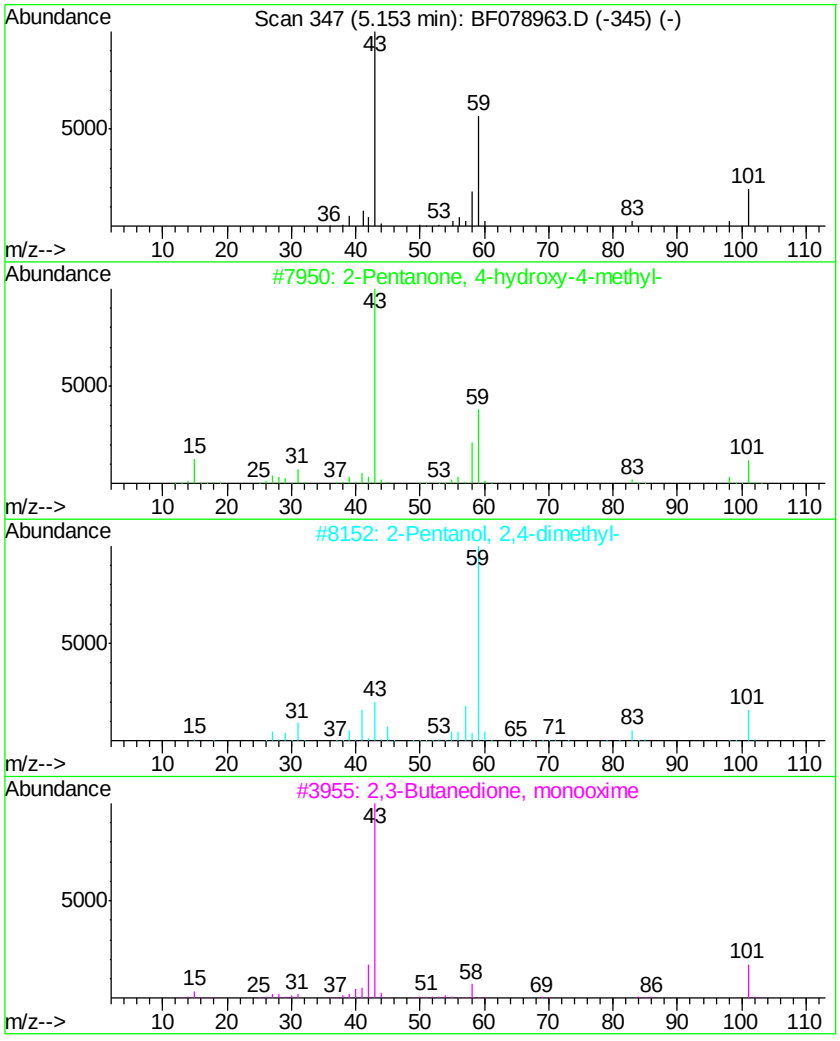
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

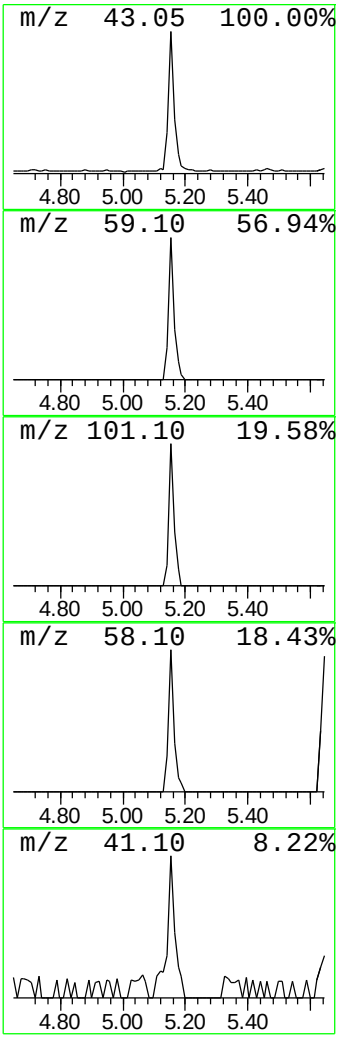
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.56 ng	82155	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

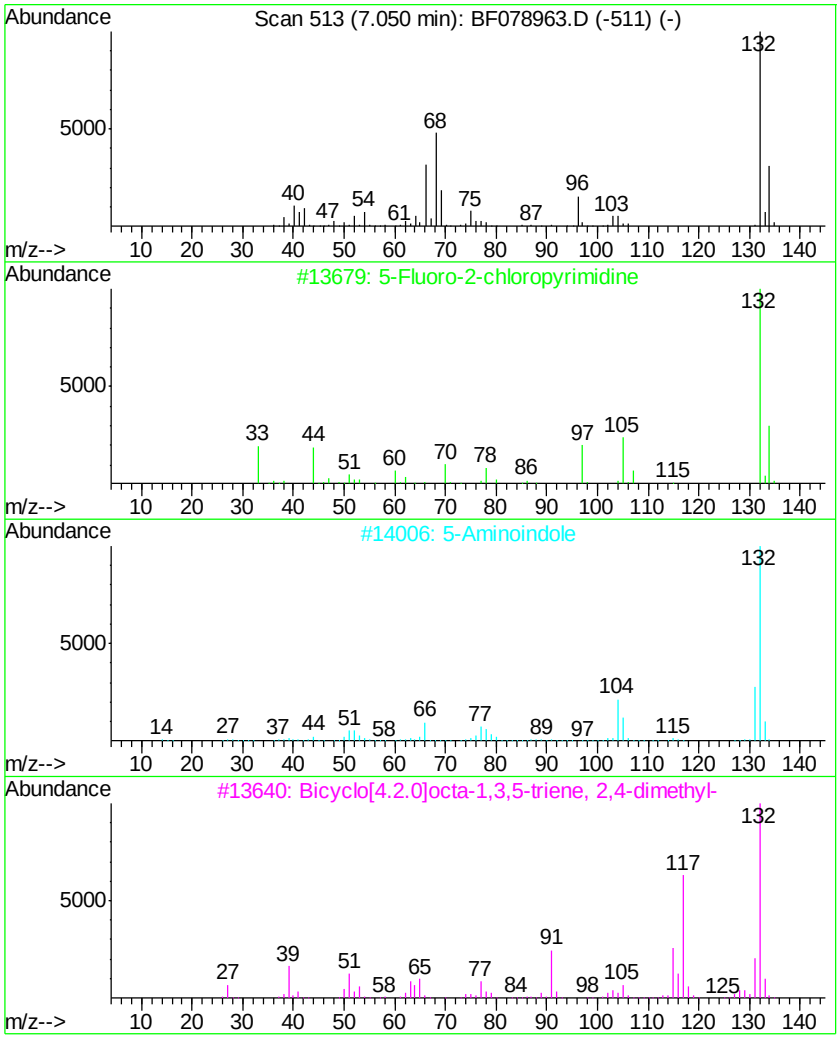
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

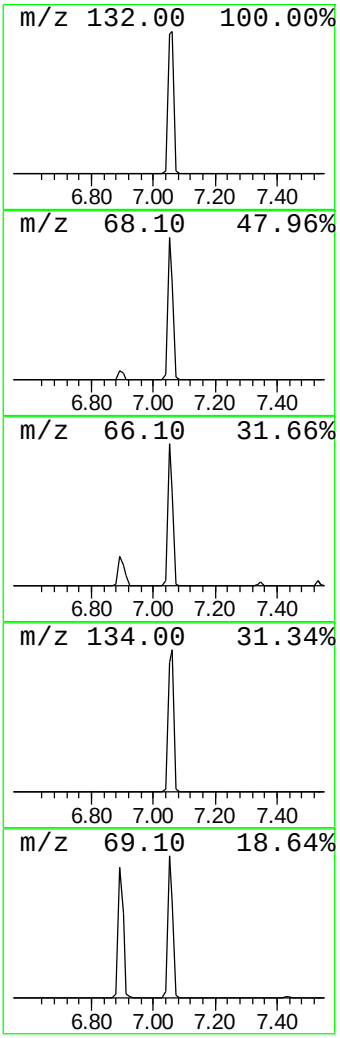
****

Peak Number 7 unknown7.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	34.25 ng	790149	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





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Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

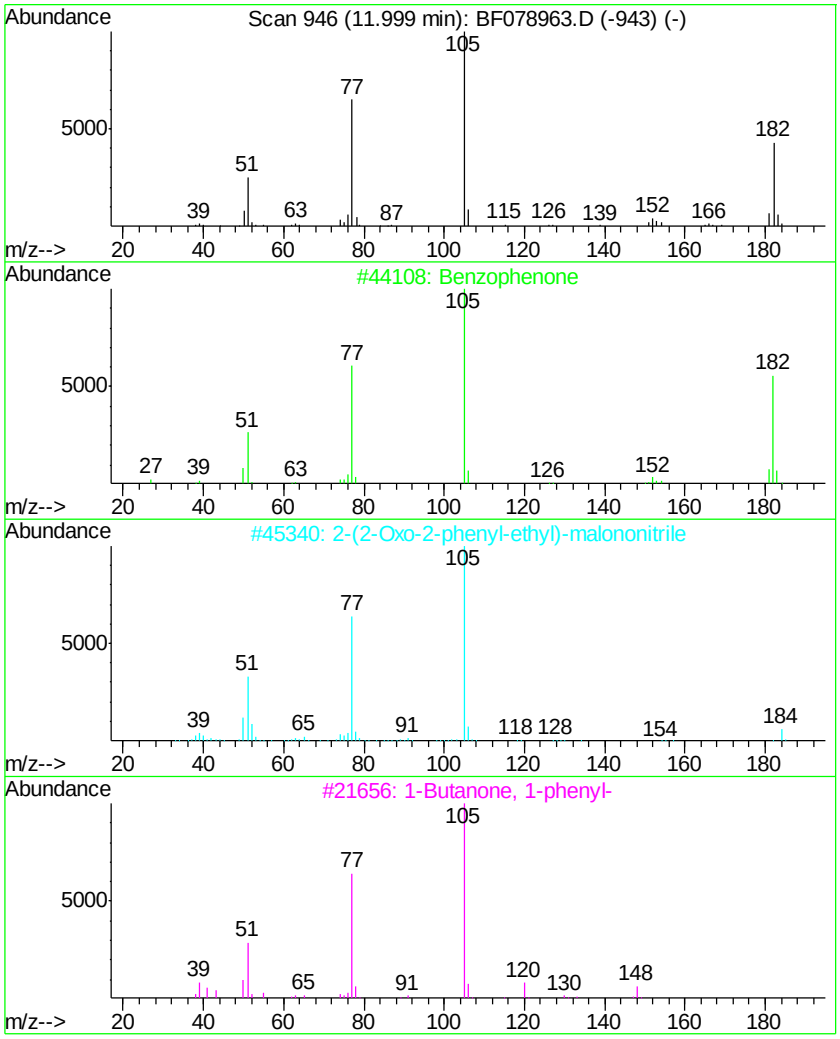
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

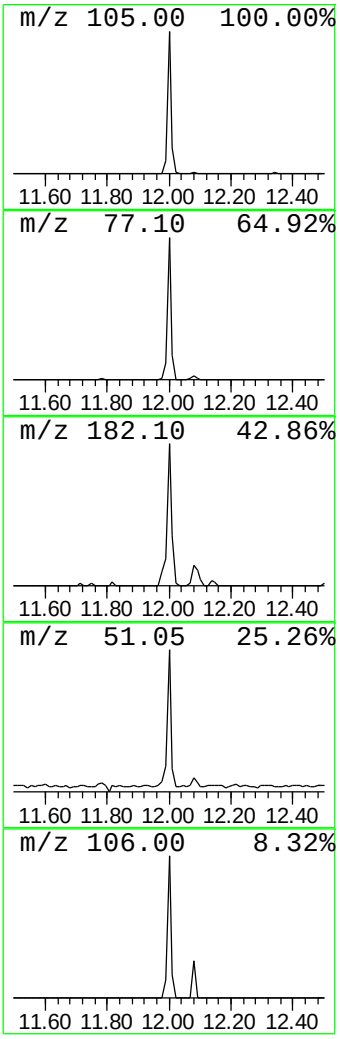
****

Peak Number 9 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.80 ng	137358	Acenaphthene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
3	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
4	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

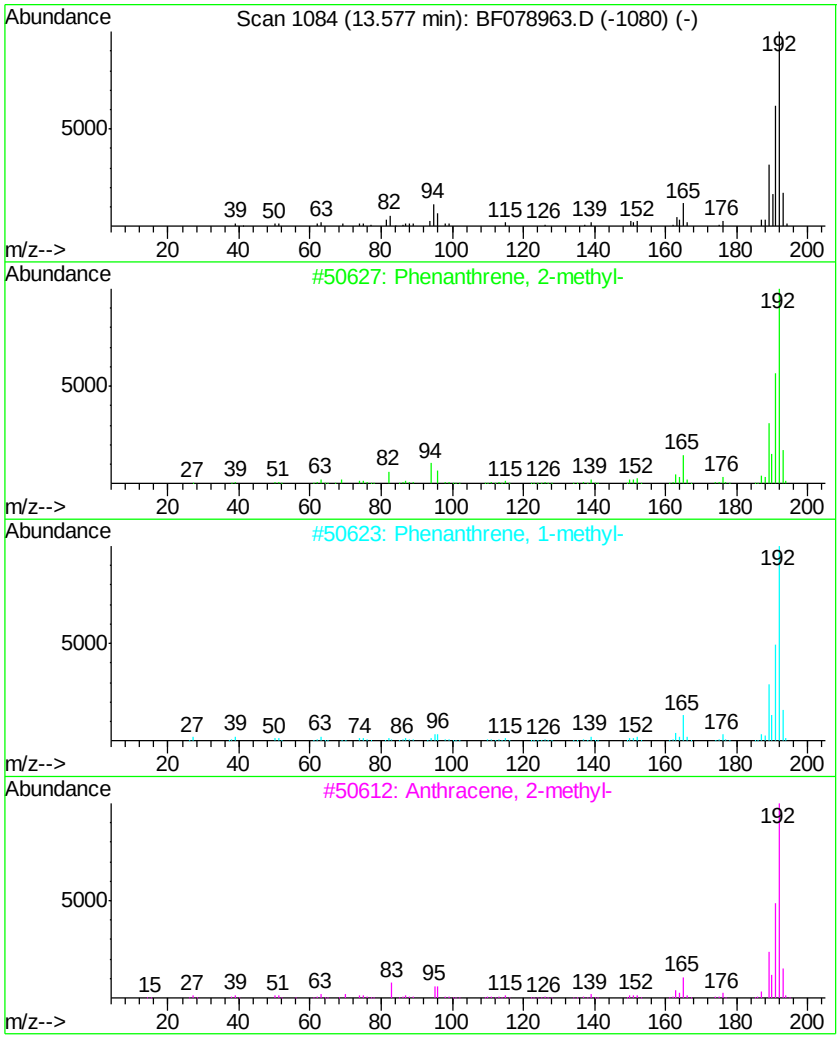
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

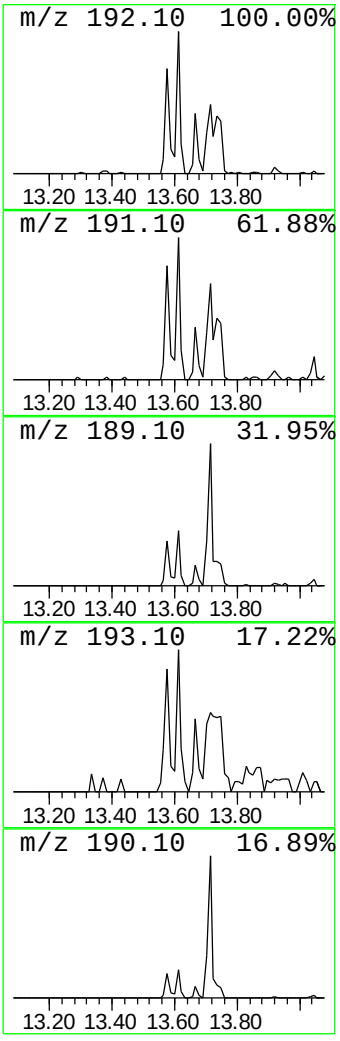
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.30 ng	90056	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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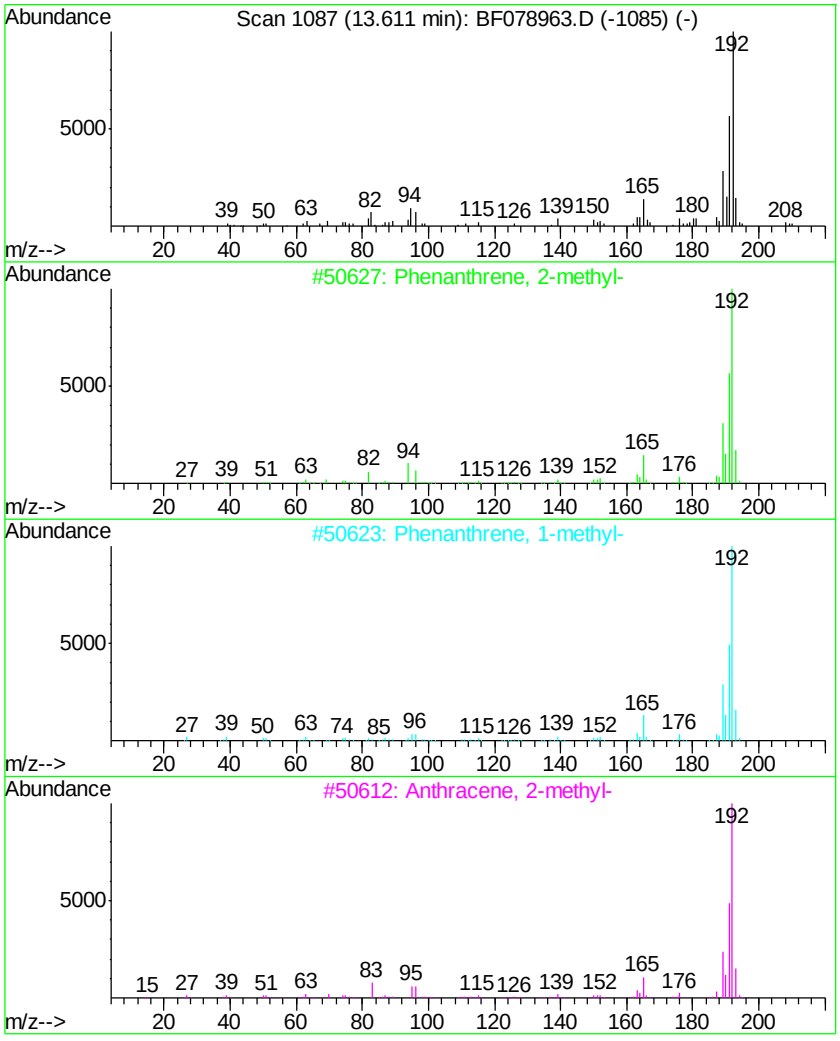
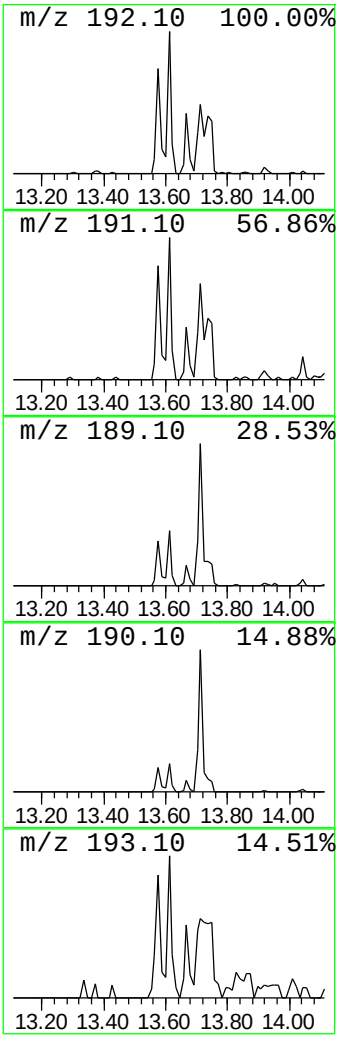
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.03 ng	118768	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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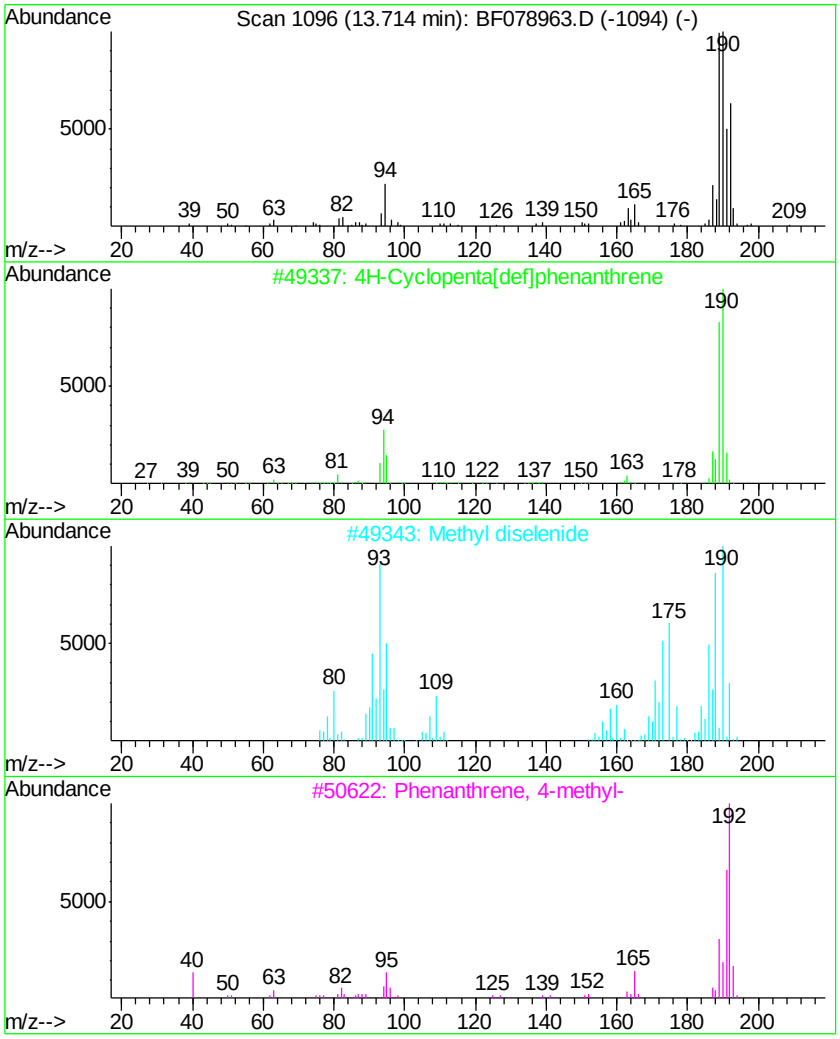
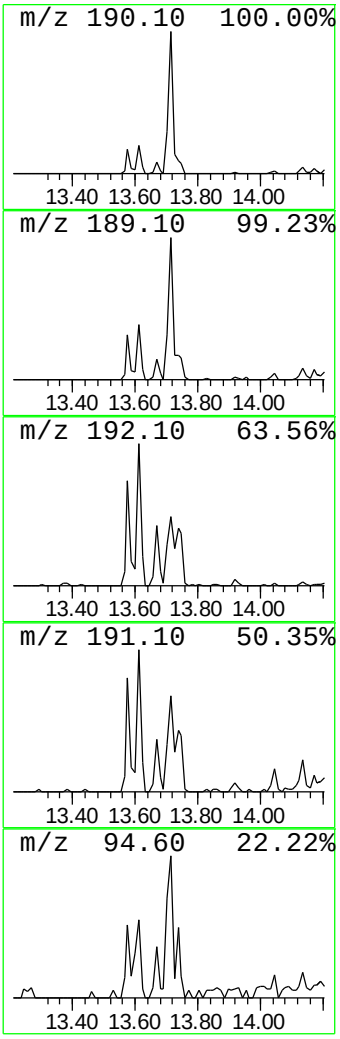
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.28 ng	167483	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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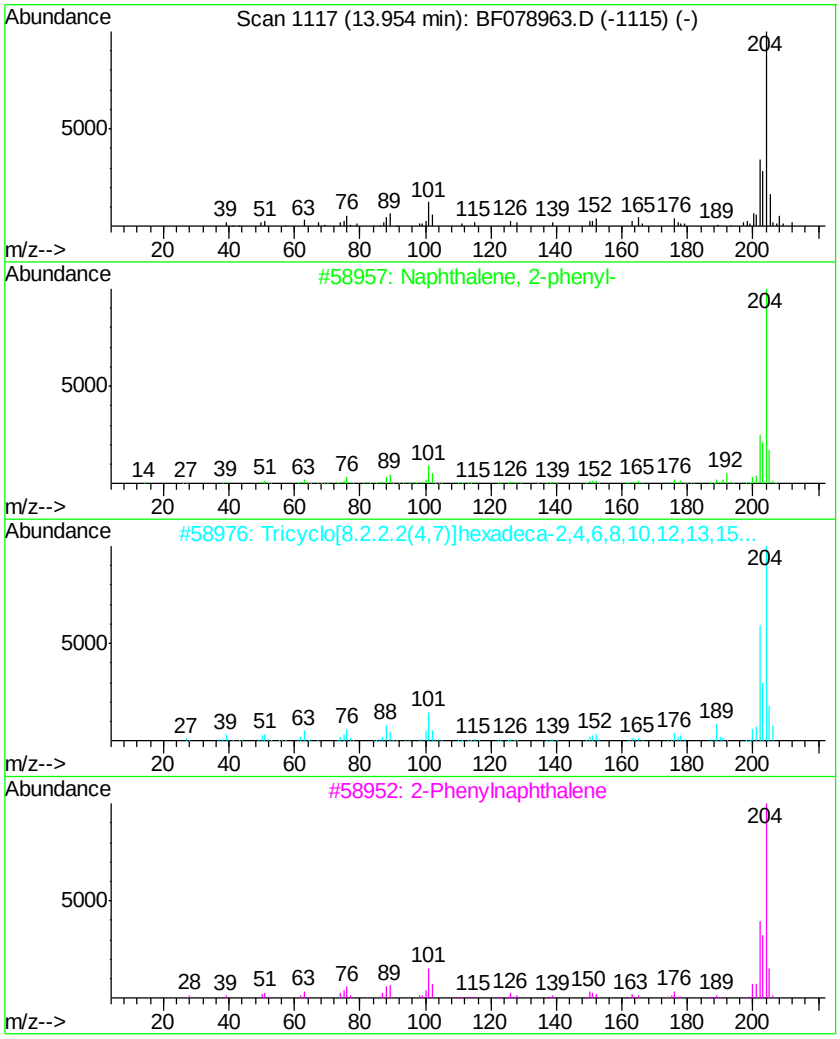
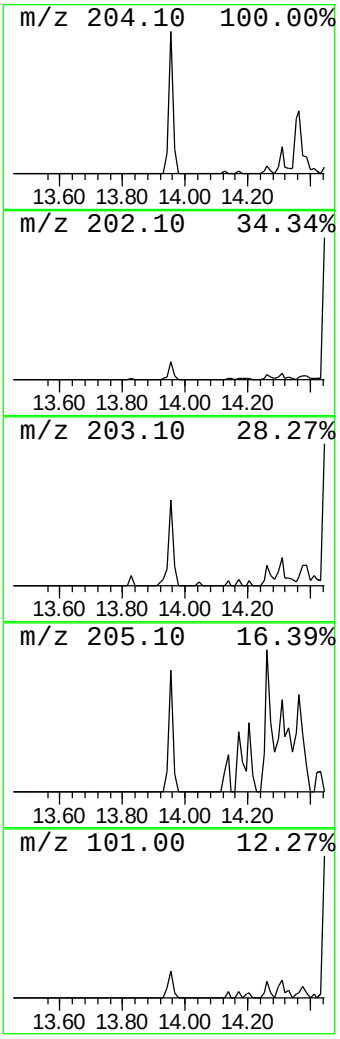
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.86 ng	111809	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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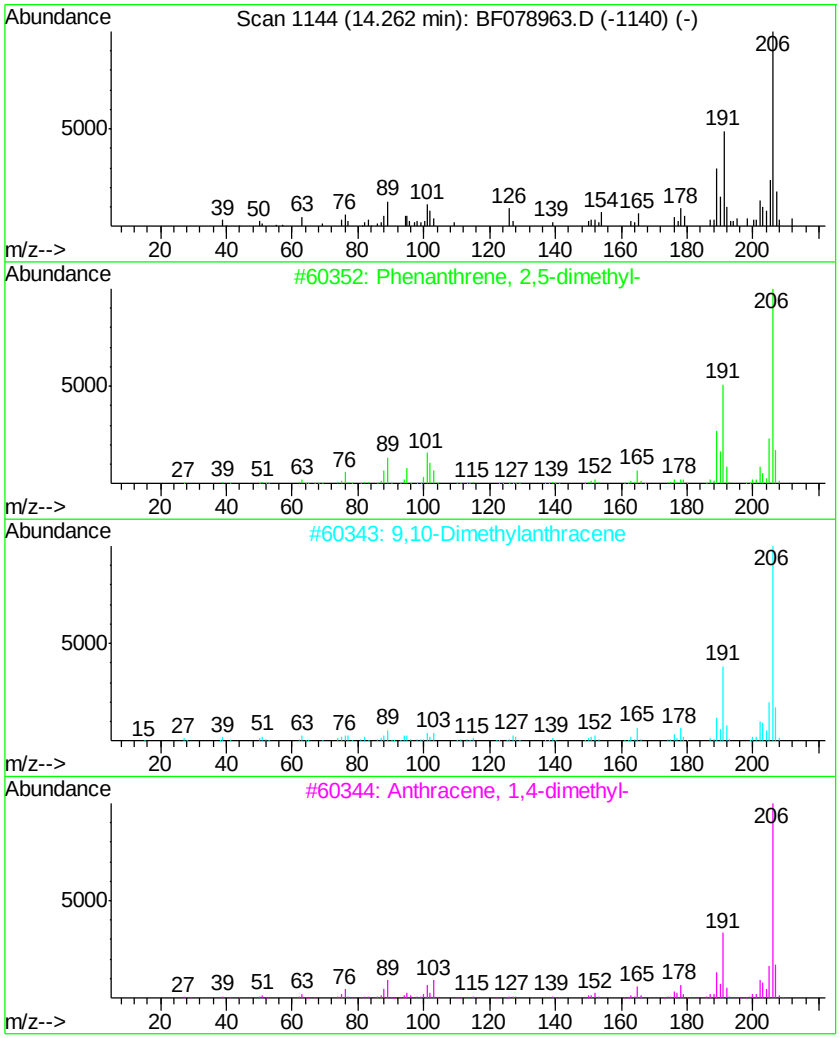
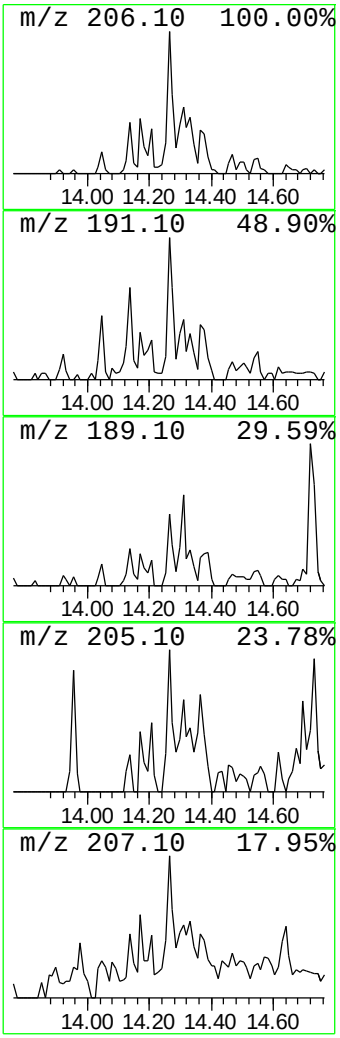
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.28 ng	89354	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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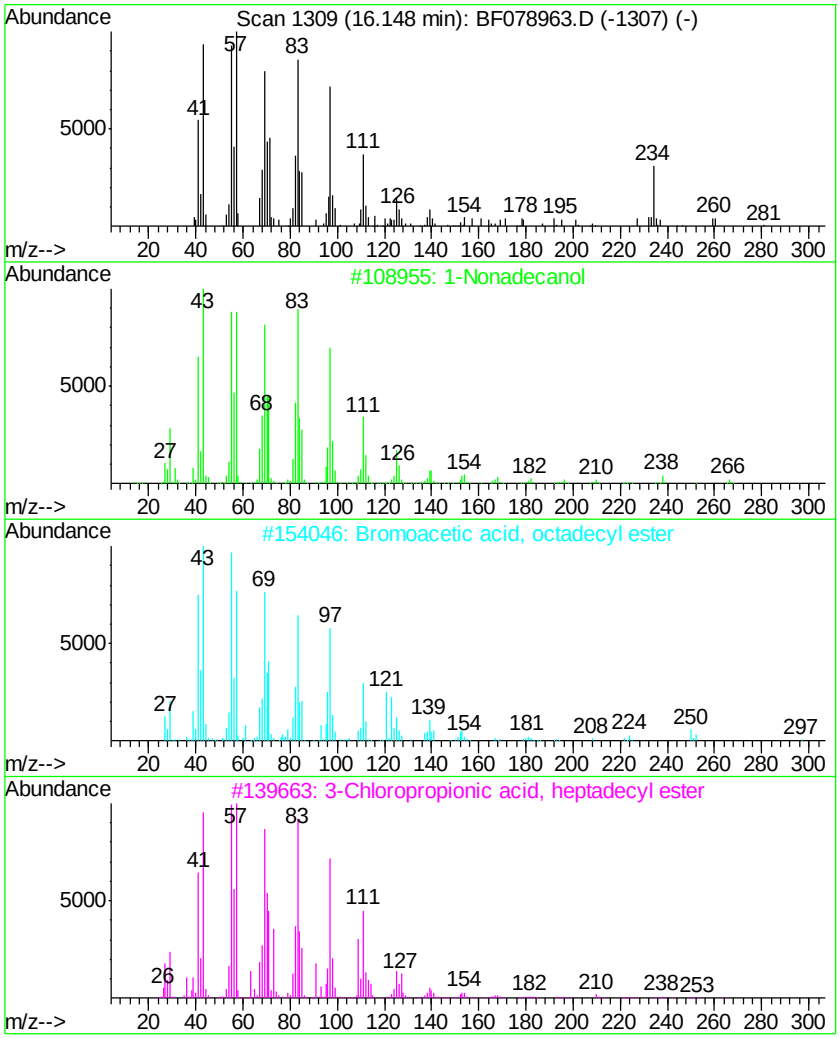
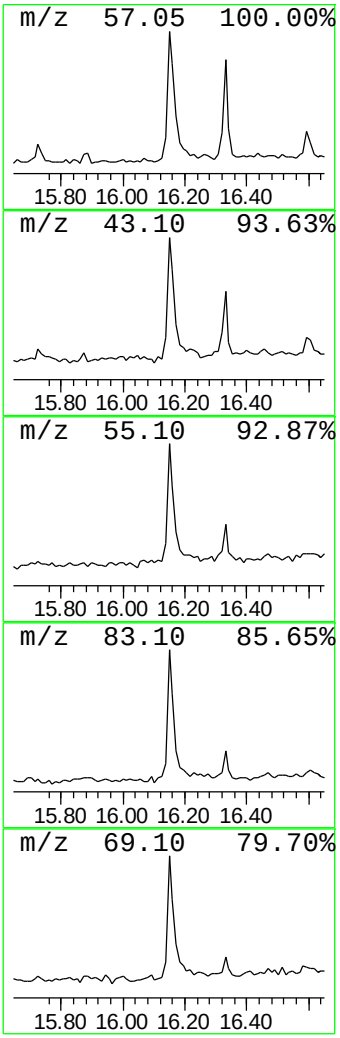
Peak Number 15 1-Nonadecanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.48 ng	219282	Chrysene-d12	16.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	11-Tricosene	322	C23H46	052078-56-5	91





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Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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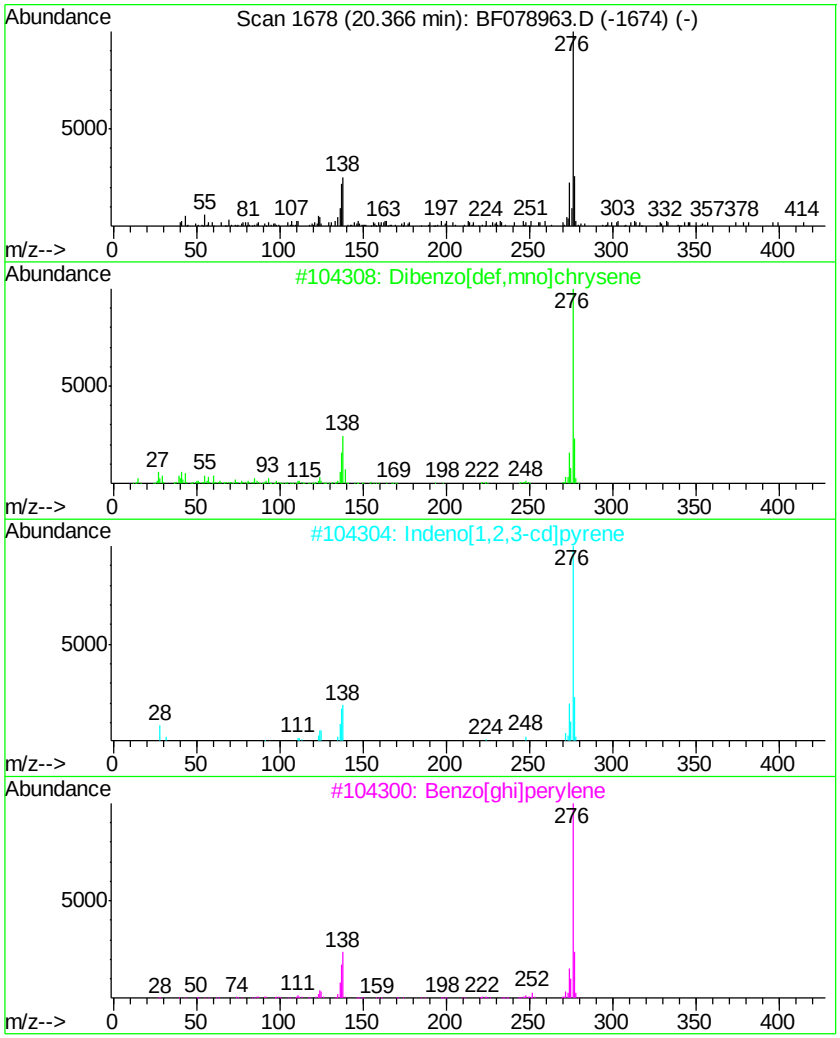
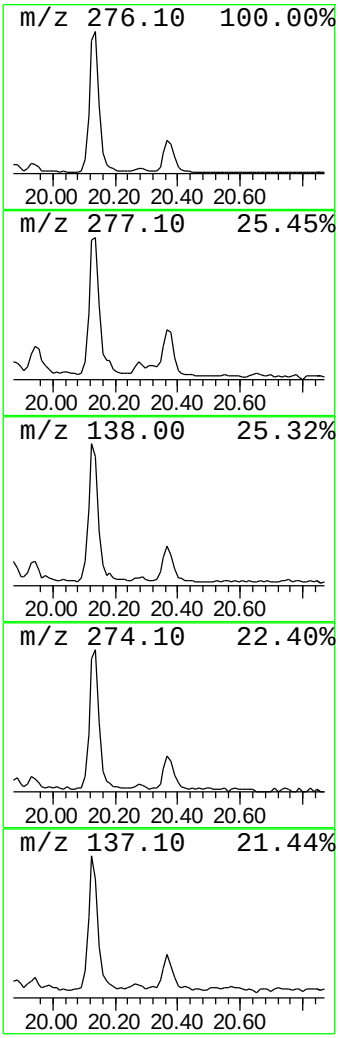
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	6.60 ng	361345	Perylene-d12	18.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	1,3,5-Triazin-2-amine, N-isoprop...	276	C14H24N6	1000276-80-0	49





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Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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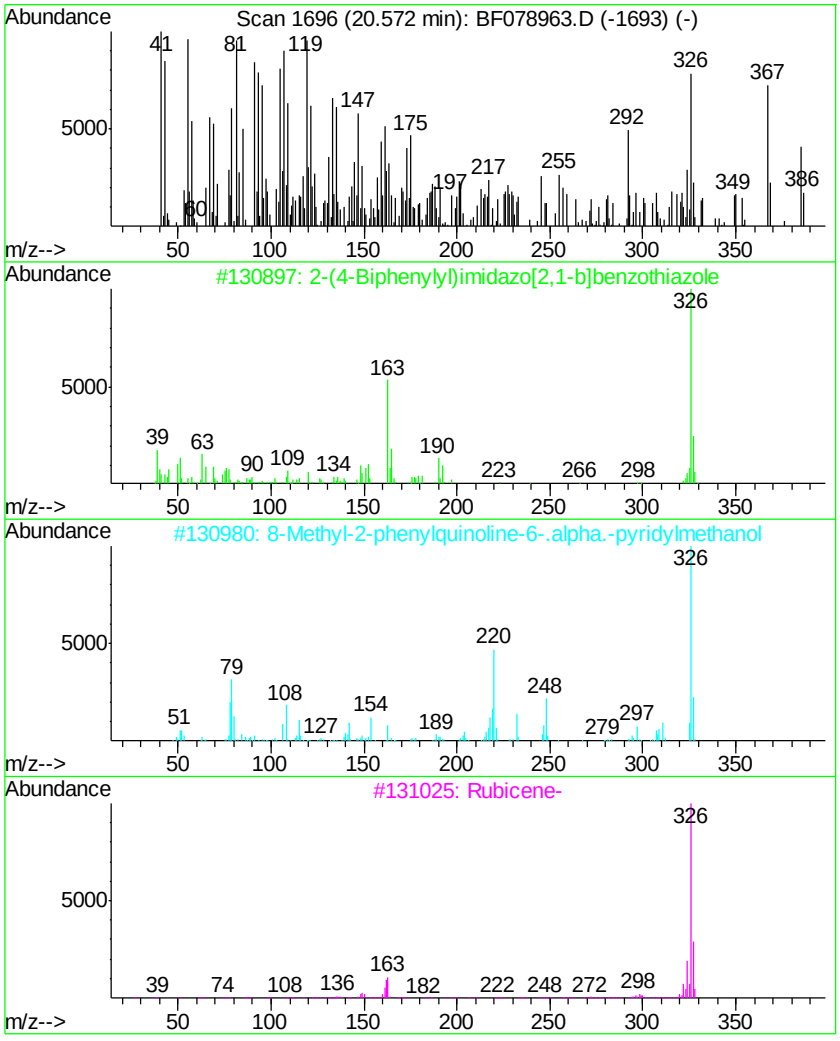
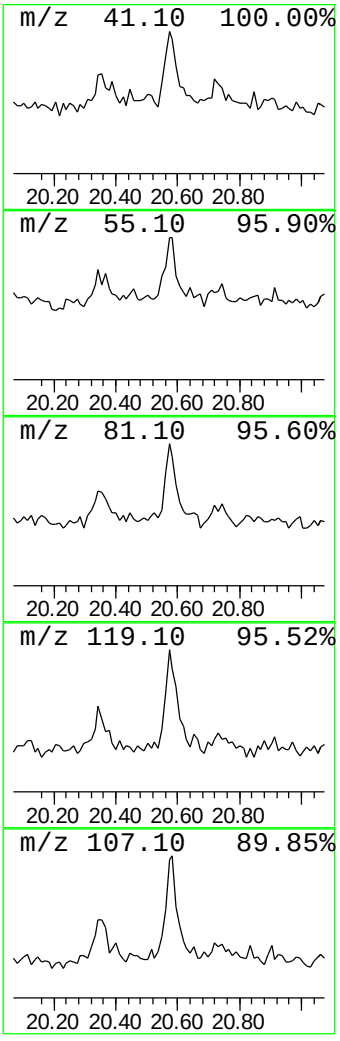
Peak Number 19 unknown20.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	5.25 ng	287627	Perylene-d12	18.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Biphenylyl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	25
2	8-Methyl-2-phenylquinoline-6-.al...	326	C22H18N2O	035871-94-4	25
3	Rubicene-	326	C26H14	000197-61-5	25
4	Acethydrazide, 2-(4-butoxyphenox...	326	C19H22N2O3	302909-23-5	15
5	Triphenyl phosphate	326	C18H15O4P	000115-86-6	15





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Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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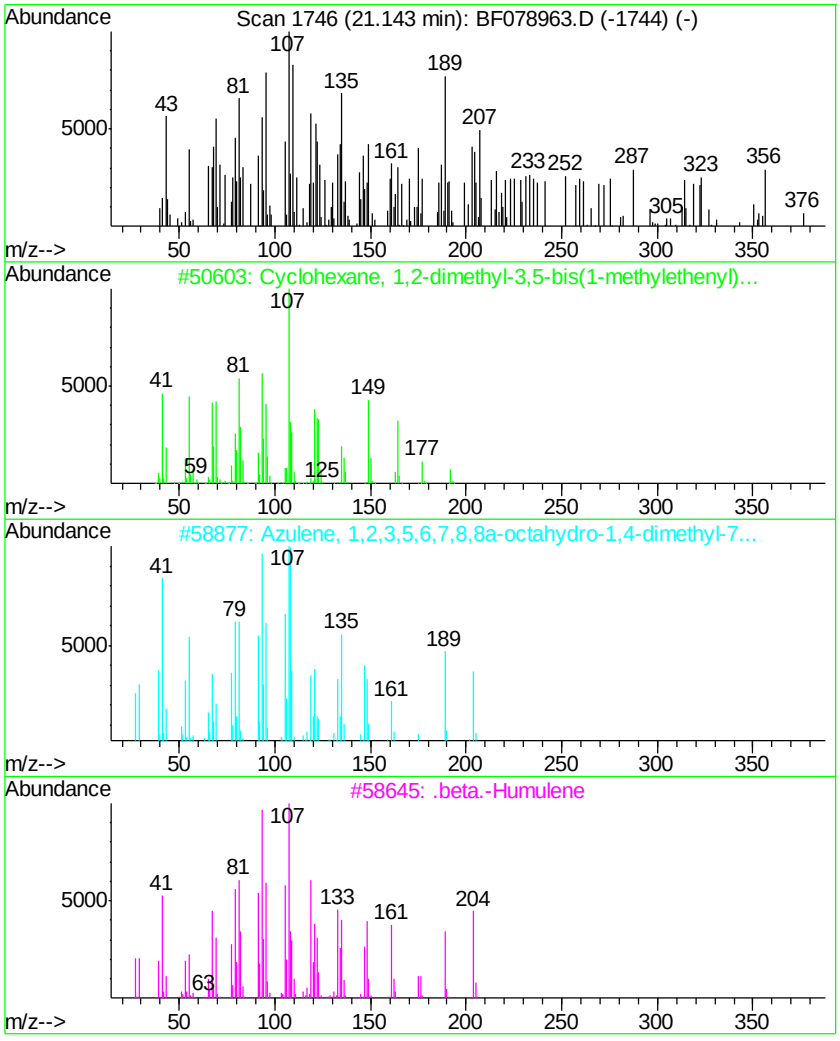
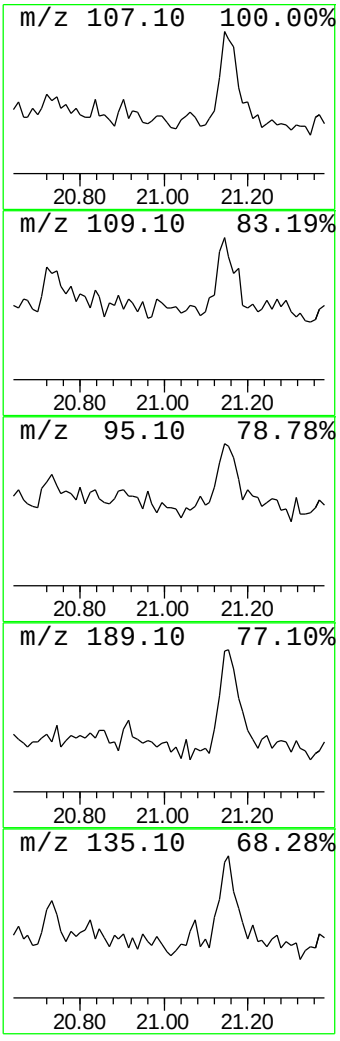
Peak Number 20 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.27 ng	179269	Perylene-d12	18.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	56
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	50
3	.beta.-Humulene	204	C15H24	000116-04-1	44
4	Cedranoxide, 8,14-	220	C15H24O	018319-31-8	41
5	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	35





Tentatively Identified Compound (LSC) summary

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Data File : BF078963.D
Acq On : 6 May 2015 16:34
Operator : TP/IZ
Sample : G2116-02 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-59AS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.50	120.4	ng	2778320	1	7.35	461375	20.0
Butane, 2-methoxy...	1.82	5.4	ng	123594	1	7.35	461375	20.0
2-Pentanone, 4-hy...	5.15	3.6	ng	82155	1	7.35	461375	20.0
unknown7.05	7.05	34.3	ng	790149	1	7.35	461375	20.0
Benzophenone	12.00	3.8	ng	137358	3	11.10	723086	20.0
Phenanthrene, 2-m...	13.58	2.3	ng	90056	4	12.95	783054	20.0
Phenanthrene, 1-m...	13.61	3.0	ng	118768	4	12.95	783054	20.0
4H-Cyclopenta[def...	13.71	4.3	ng	167483	4	12.95	783054	20.0
Naphthalene, 2-ph...	13.95	2.9	ng	111809	4	12.95	783054	20.0
Phenanthrene, 2,5...	14.26	2.3	ng	89354	4	12.95	783054	20.0
1-Nonadecanol	16.15	2.5	ng	219282	5	16.29	1770790	20.0
Dibenzo[def,mno]c...	20.37	6.6	ng	361345	6	18.17	1095680	20.0
unknown20.57	20.57	5.3	ng	287627	6	18.17	1095680	20.0
Cyclohexane, 1,2-...	21.14	3.3	ng	179269	6	18.17	1095680	20.0