LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078021.D
Acq On : 27 Mar 2015 5:02
Operator : TP/IZ
Sample : G1653-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD7

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-BF031115.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	1.241	29	31	34	rVB	517641	576307	41.19%	3.148%
2	1.367	38	42	45	rVB	68813	125386	8.96%	0.685%
3	1.527	54	56	59	rVB	67551	74394	5.32%	0.406%
4	1.744	73	75	82	rBV	37032	55389	3.96%	0.303%
5	4.842	344	346	352	rVB	70809	96589	6.90%	0.528%
6	5.402	393	395	404	rVB	631428	750173	53.61%	4.098%
7	5.642	414	416	418	rBV	20869	24664	1.76%	0.135%
8	6.693	506	508	517	rVB	640490	756929	54.09%	4.135%
9	6.819	517	519	521	rBV	857437	828152	59.18%	4.524%
10	7.093	541	543	545	rVB	246032	212419	15.18%	1.160%
11	7.242	554	556	557	rBV	39330	32774	2.34%	0.179%
12	7.276	557	559	562	rVB	589637	635969	45.45%	3.474%
13	7.790	601	604	607	rBV	544746	485835	34.72%	2.654%
14	8.671	679	681	684	rVV	331033	290535	20.76%	1.587%
15	8.728	684	686	688	rVB	29635	25715	1.84%	0.140%
16	9.642	761	766	772	rBV	4980	14951	1.07%	0.082%
17	10.019	797	799	801	rBV	1180268	1010885	72.24%	5.522%
18	10.522	842	843	846	rVB2	22756	28712	2.05%	0.157%
19	10.659	852	855	860	rBV	24413	37416	2.67%	0.204%
20	10.808	866	868	869	rBV	15108	14260	1.02%	0.078%
21	10.842	869	871	873	rVB	315535	331399	23.68%	1.810%
22	11.425	921	922	924	rVB	13178	15930	1.14%	0.087%
23	11.825	954	957	959	rBV	426931	604395	43.19%	3.301%
24	11.905	962	964	969	rVV	25807	39493	2.82%	0.216%
25	12.019	972	974	978	rVB	21365	25027	1.79%	0.137%
26	12.419	1007	1009	1013	rVB	10991	15634	1.12%	0.085%
27	12.671	1029	1031	1034	rBV	290891	363493	25.98%	1.986%
28	13.414	1093	1096	1099	rBV	52596	81869	5.85%	0.447%
29	13.471	1099	1101	1107	rVV5	23412	56532	4.04%	0.309%
30	13.620	1111	1114	1116	rVV2	8583	15571	1.11%	0.085%
31	13.722	1120	1123	1129	rVV6	4832	18602	1.33%	0.102%
32	14.100	1153	1156	1158	rVB	229859	229403	16.39%	1.253%
33	14.271	1169	1171	1174	rBV3	28074	35173	2.51%	0.192%
34	14.328	1174	1176	1178	rVB	281574	282420	20.18%	1.543%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : FD7

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.397	1178	1182	1185	rBV6	8312	24492	1.75%	0.134%
36	14.454	1185	1187	1189	rBV	15059	16763	1.20%	0.092%
37	14.557	1193	1196	1198	rBV	331447	464813	33.22%	2.539%
38	14.591	1198	1199	1203	rVV3	48275	67723	4.84%	0.370%
39	14.671	1203	1206	1209	rVB	1204209	1399304	100.00%	7.644%
40	14.785	1214	1216	1218	rBV	249183	253294	18.10%	1.384%
41	14.820	1218	1219	1223	rVB	99739	131906	9.43%	0.721%
42	14.900	1223	1226	1228	rBV	684724	687573	49.14%	3.756%
43	14.945	1228	1230	1233	rBV2	43493	39818	2.85%	0.218%
44	15.003	1233	1235	1238	rVB3	31508	44026	3.15%	0.240%
45	15.071	1239	1241	1244	rVB2	79800	86899	6.21%	0.475%
46	15.140	1244	1247	1249	rBV	797216	836751	59.80%	4.571%
47	15.174	1249	1250	1252	rVB	191462	146968	10.50%	0.803%
48	15.265	1255	1258	1261	rBV	330533	362369	25.90%	1.979%
49	15.345	1261	1265	1266	rBV2	61203	78123	5.58%	0.427%
50	15.403	1266	1270	1273	rBV	495394	800929	57.24%	4.375%
51	15.448	1273	1274	1277	rVB	60945	56572	4.04%	0.309%
52	15.528	1279	1281	1283	rVB2	300755	347550	24.84%	1.898%
53	15.586	1283	1286	1288	rVB	182503	178157	12.73%	0.973%
54	15.666	1290	1293	1294	rBV2	52762	79044	5.65%	0.432%
55	15.700	1294	1296	1297	rVB2	30205	32581	2.33%	0.178%
56	15.757	1298	1301	1304	rBV2	317425	424631	30.35%	2.320%
57	15.814	1304	1306	1307	rBV	139141	189400	13.54%	1.035%
58	15.848	1307	1309	1311	rBV2	138881	193128	13.80%	1.055%
59	15.951	1316	1318	1321	rVV	415257	476663	34.06%	2.604%
60	16.020	1322	1324	1327	rVV2	564289	700454	50.06%	3.826%
61	16.294	1346	1348	1351	rBV	298826	335792	24.00%	1.834%
62	16.351	1351	1353	1355	rVV3	84828	111366	7.96%	0.608%
63	16.408	1355	1358	1360	rBV	121021	141187	10.09%	0.771%
64	16.603	1373	1375	1377	rBV3	32237	48270	3.45%	0.264%
65	16.648	1377	1379	1381	rBV3	29284	65044	4.65%	0.355%
66	16.683	1381	1382	1384	rVB2	38142	39095	2.79%	0.214%
67	16.877	1396	1399	1401	rBV2	136185	244529	17.48%	1.336%
68	17.654	1464	1467	1469	rBV	289012	392532	28.05%	2.144%
69	19.174	1596	1600	1605	rBV2	293931	616563	44.06%	3.368%

Sum of corrected areas: 18306704

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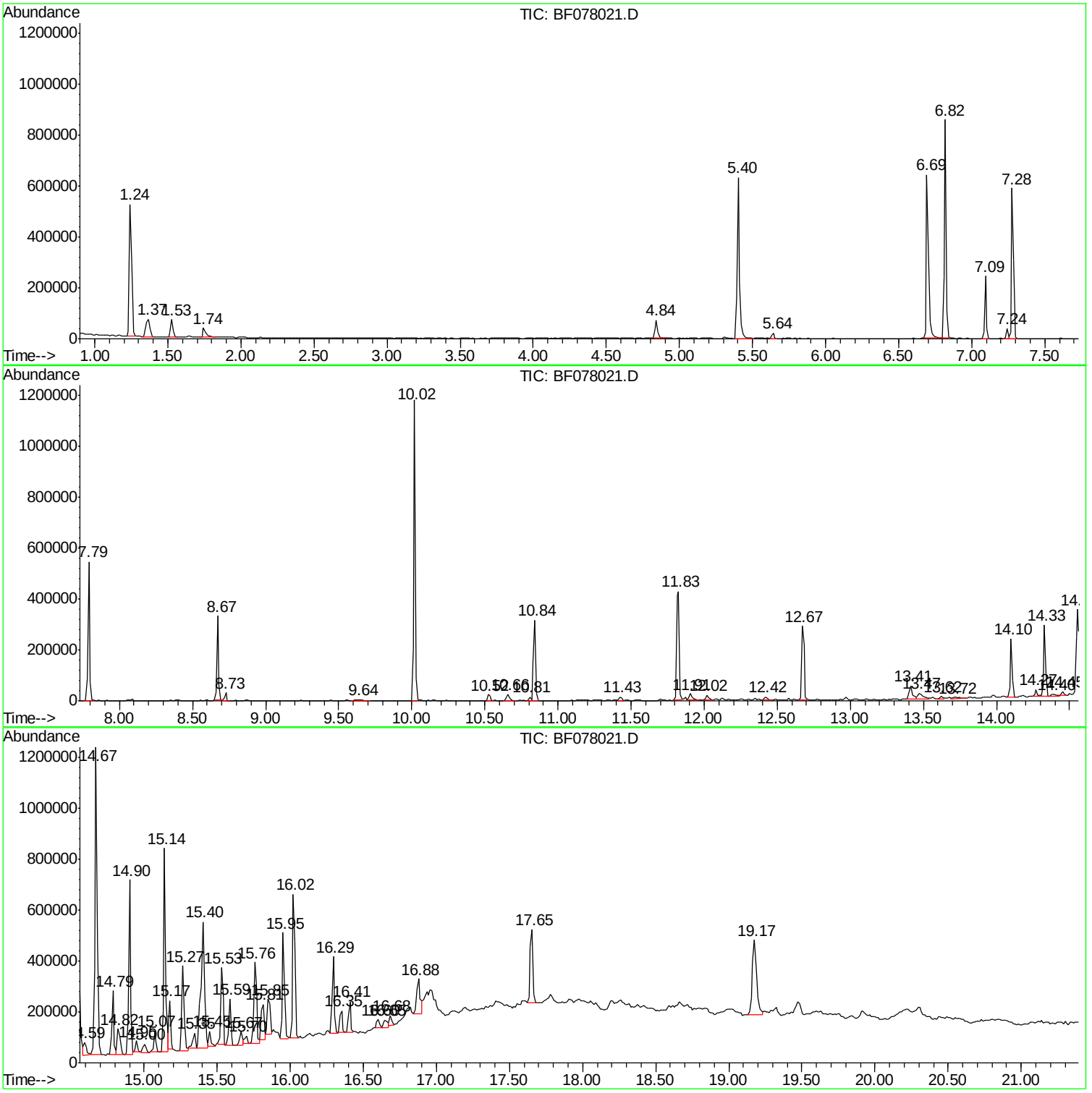
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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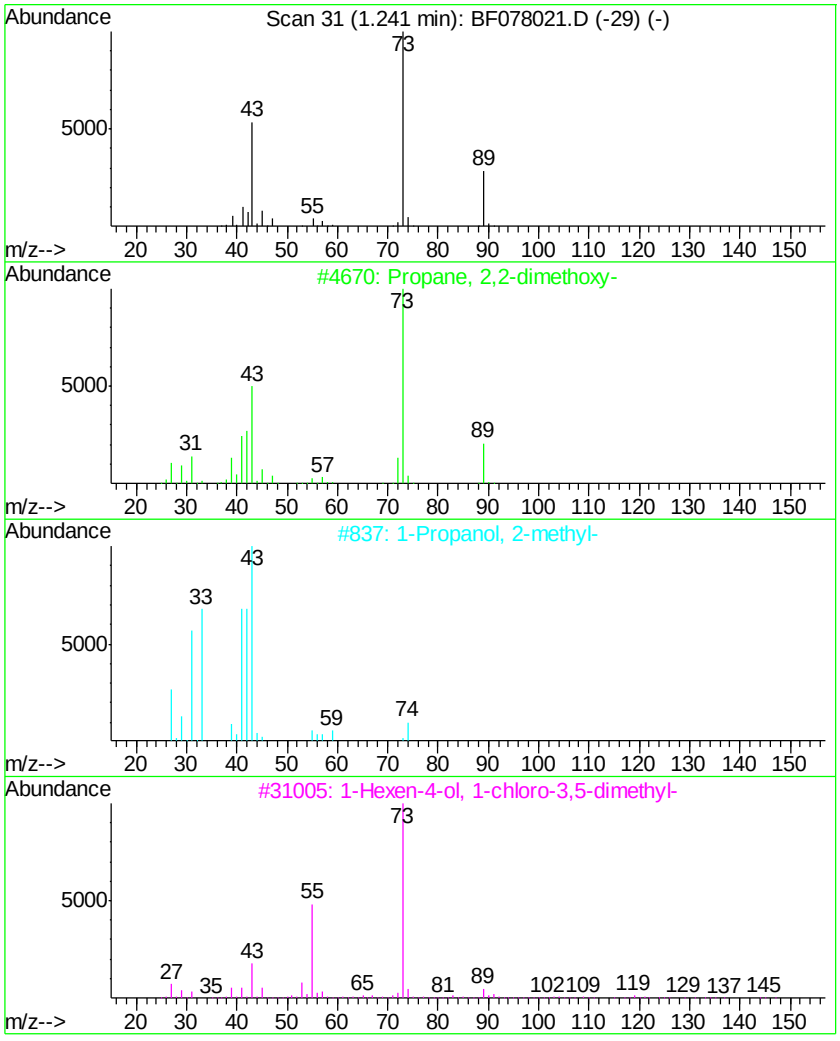
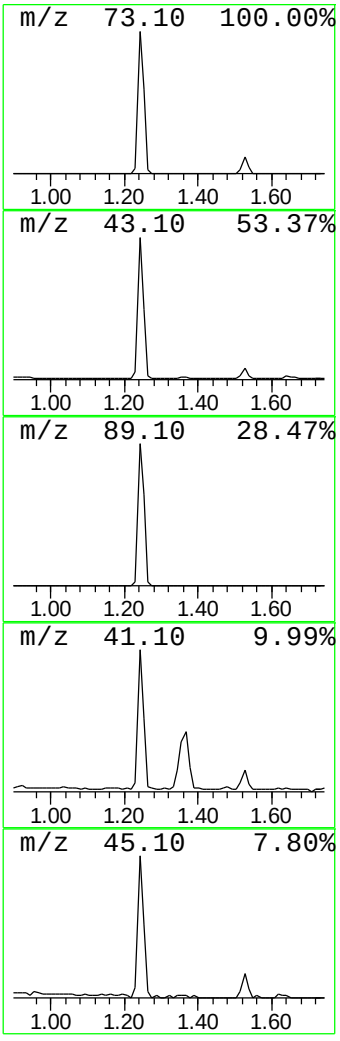
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	54.26 ng	576307	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Operator : TP/IZ
Sample : G1653-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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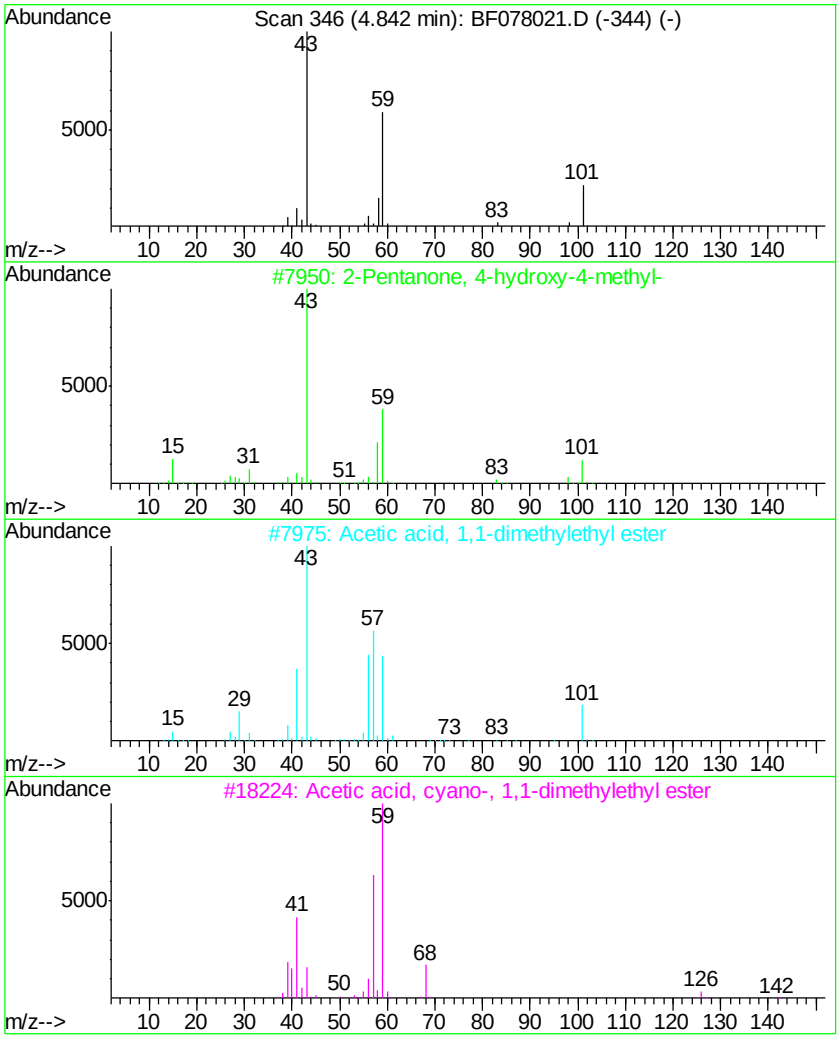
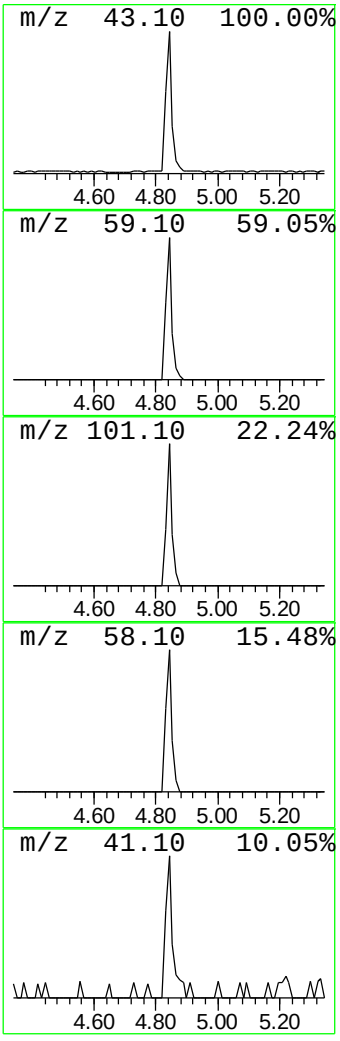
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	9.09 ng	96589	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : FD7

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TIC Library : C:\DATABASE\NIST02.L
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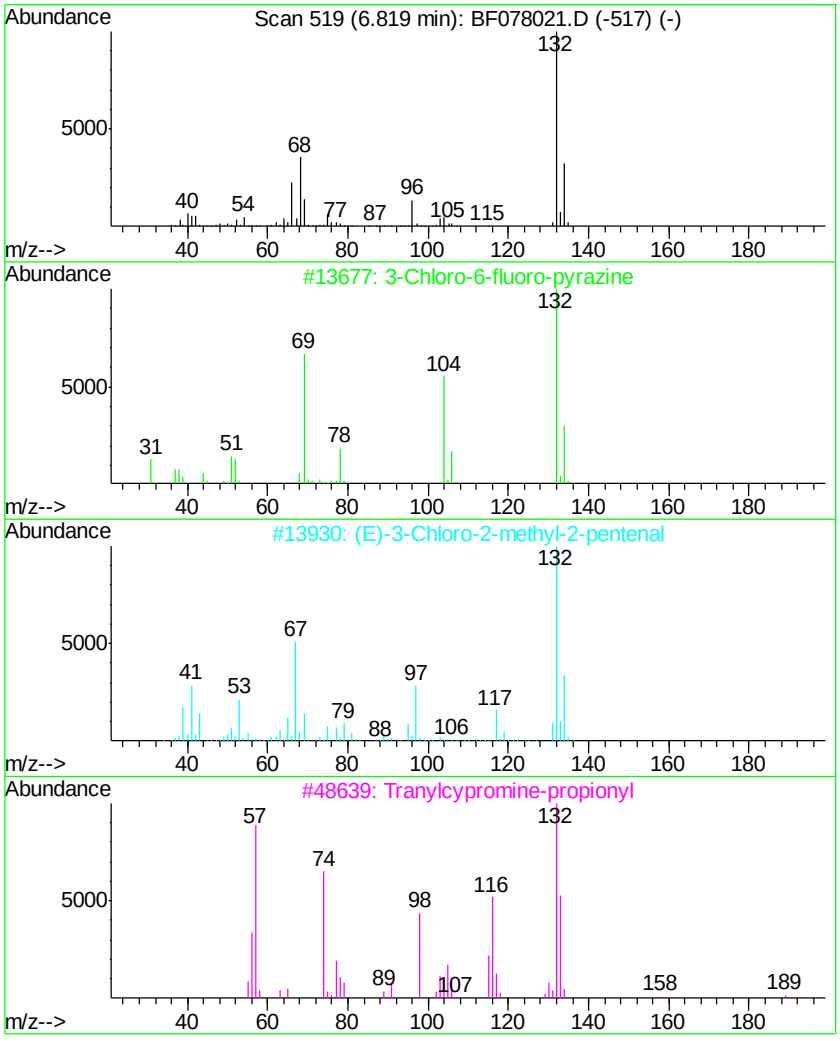
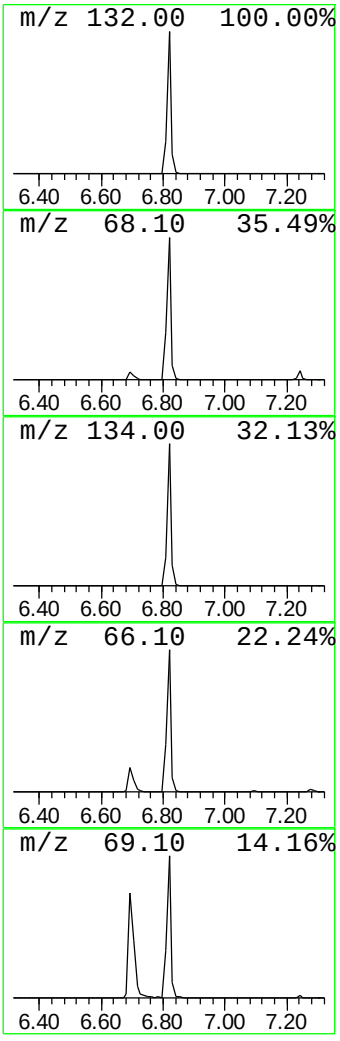
Peak Number 4 unknown6.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	77.97 ng	828152	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Xenon	132	Xe	007440-63-3	9





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TIC Library : C:\DATABASE\NIST02.L
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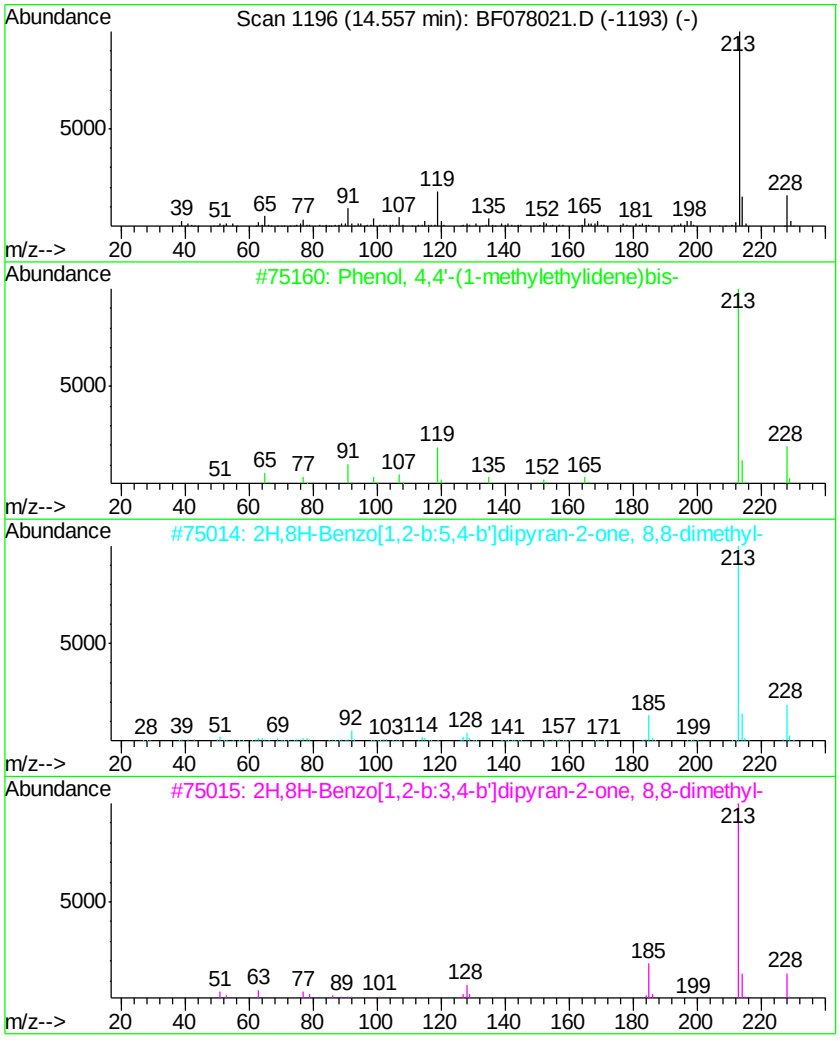
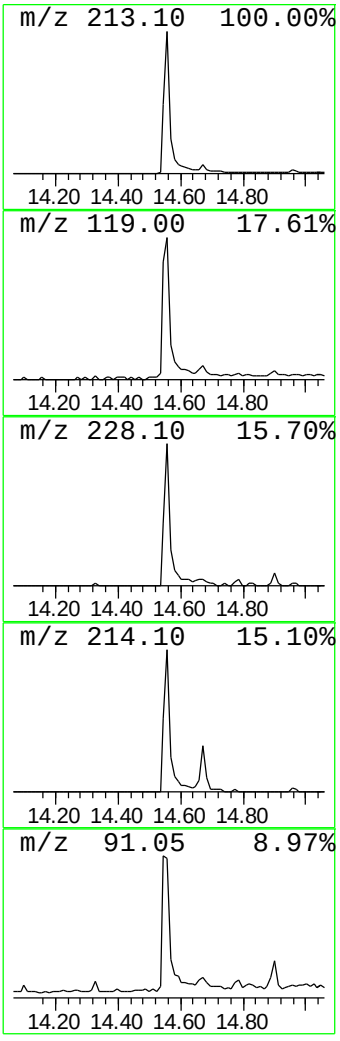
****

Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	19.50 ng	464813	Chrysene-d12	15.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	45
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	42





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Sample : G1653-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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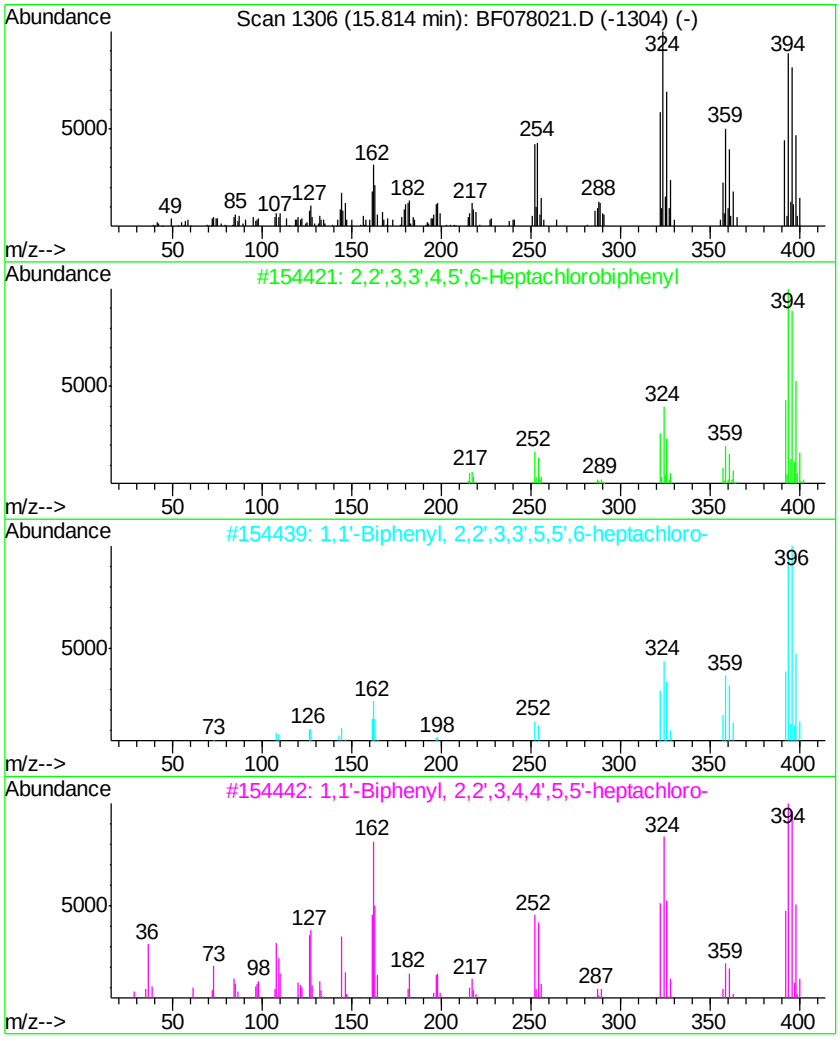
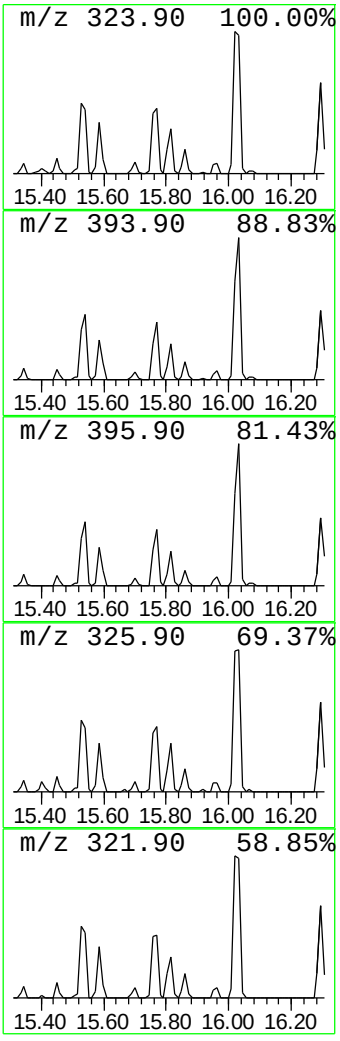
Peak Number 15 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.95 ng	189400	Chrysene-d12	15.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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TIC Library : C:\DATABASE\NIST02.L
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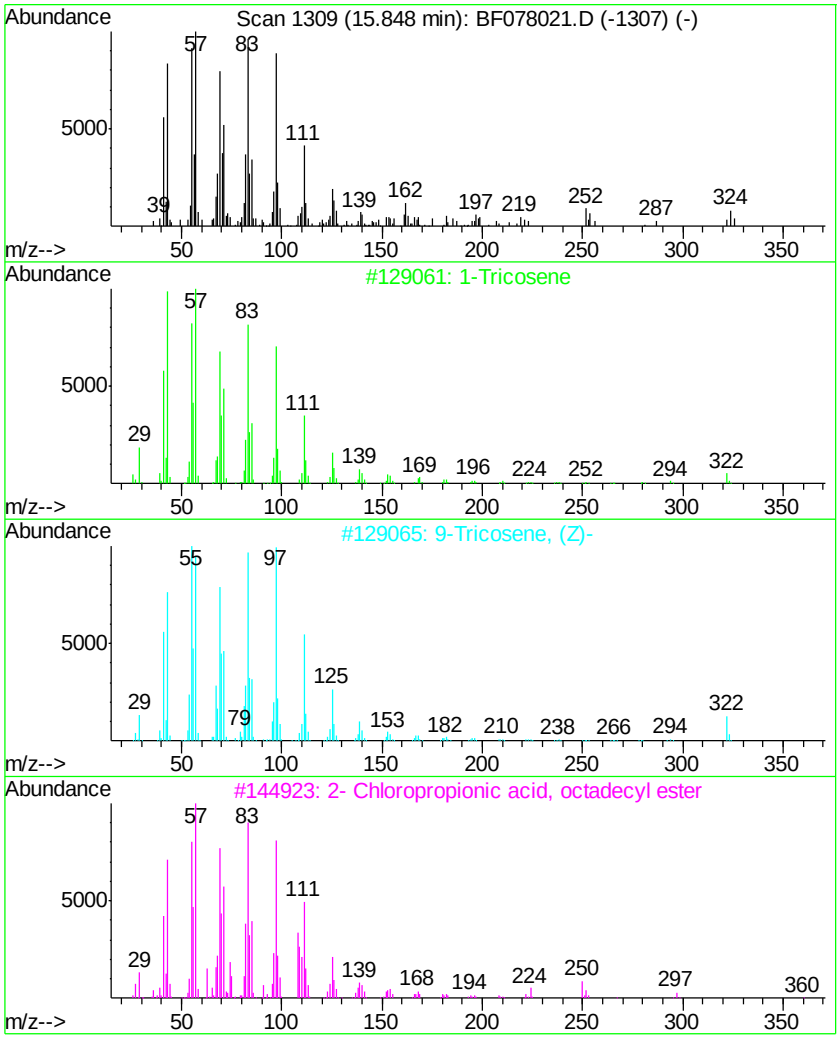
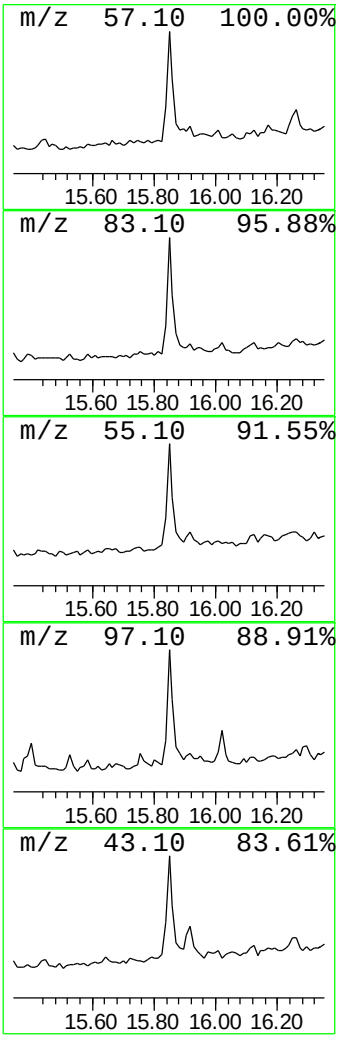
****

Peak Number 16 1-Tricosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	8.10 ng	193128	Chrysene-d12	15.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078021.D
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Operator : TP/IZ
Sample : G1653-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

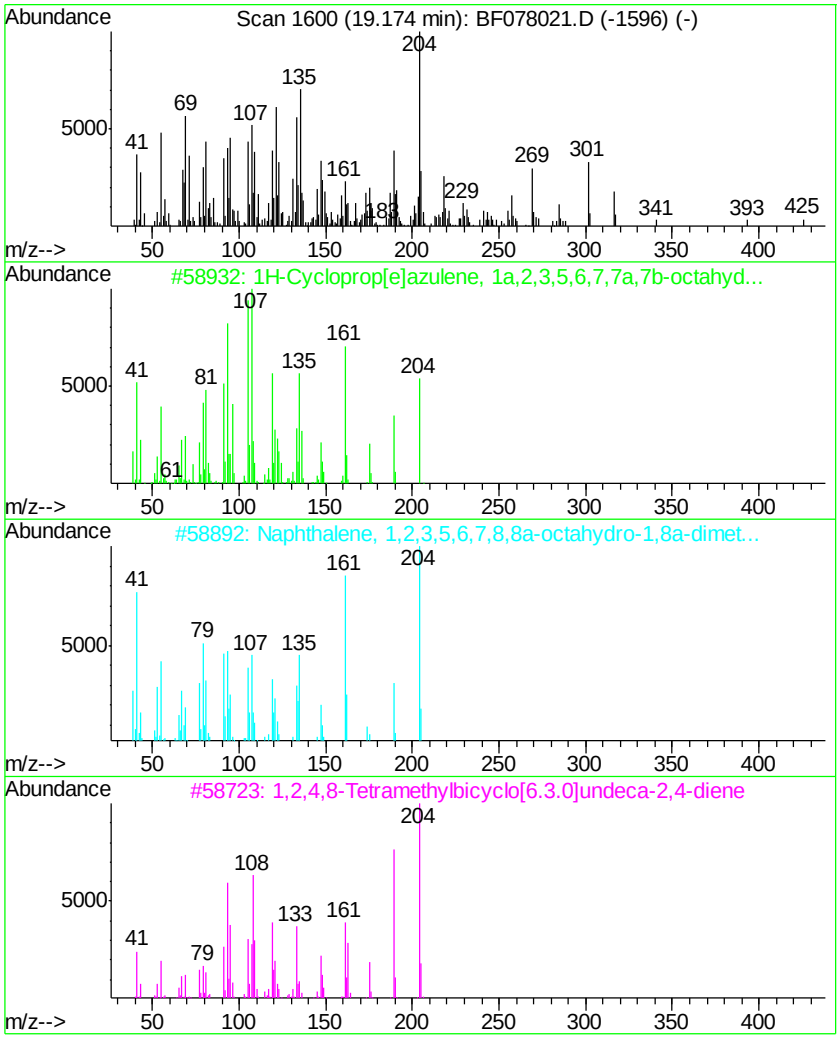
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

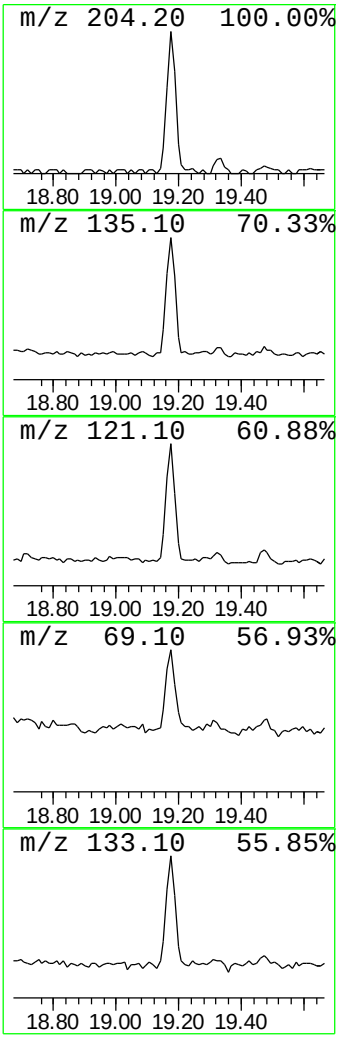
****

Peak Number 20 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	31.41 ng	616563	Perylene-d12	17.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	78
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
5	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078021.D
Acq On : 27 Mar 2015 5:02
Operator : TP/IZ
Sample : G1653-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.24	54.3	ng	576307	1	7.09	212419	20.0
2-Pentanone, 4-hy...	4.84	9.1	ng	96589	1	7.09	212419	20.0
unknown6.82	6.82	78.0	ng	828152	1	7.09	212419	20.0
Phenol, 4,4'-(1-m...	14.56	19.5	ng	464813	5	15.95	476663	20.0
2,2',3,3',4,5',6-...	15.81	8.0	ng	189400	5	15.95	476663	20.0
1-Tricosene	15.85	8.1	ng	193128	5	15.95	476663	20.0
1H-Cycloprop[e]az...	19.17	31.4	ng	616563	6	17.65	392532	20.0