LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078956.D
Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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	29	rVB	3071468	4213140	100.00%	12.405%
2	1.633	37	39	49	rVB	149214	267173	6.34%	0.787%
3	1.770	49	51	53	rVV	104573	153797	3.65%	0.453%
4	1.815	53	55	60	rVV	122641	194900	4.63%	0.574%
5	1.895	60	62	92	rVB	2309524	4058868	96.34%	11.950%
6	5.153	345	347	354	rVB	93109	135559	3.22%	0.399%
7	5.644	387	390	392	rBV	1035063	1125469	26.71%	3.314%
8	6.456	456	461	464	rBV2	125012	167789	3.98%	0.494%
9	6.890	497	499	502	rBV	1000712	1243973	29.53%	3.663%
10	7.050	511	513	516	rBV	1054062	1232191	29.25%	3.628%
11	7.347	537	539	541	rBV	486208	439043	10.42%	1.293%
12	7.530	553	555	558	rVB	1009740	946086	22.46%	2.786%
13	8.033	597	599	602	rBV	865896	758478	18.00%	2.233%
14	8.925	674	677	678	rBV	633349	608104	14.43%	1.790%
15	10.113	779	781	783	rBV	72426	64323	1.53%	0.189%
16	10.262	792	794	797	rBV	1113301	1519440	36.06%	4.474%
17	10.776	837	839	841	rVB	44577	60805	1.44%	0.179%
18	11.096	865	867	869	rBV	674472	684072	16.24%	2.014%
19	11.142	869	871	873	rVB	54385	53581	1.27%	0.158%
20	11.451	895	898	900	rBV	126329	220488	5.23%	0.649%
21	11.782	925	927	929	rVB	66796	66300	1.57%	0.195%
22	11.999	943	946	949	rBV	160130	153491	3.64%	0.452%
23	12.079	950	953	955	rBV	825362	847161	20.11%	2.494%
24	12.948	1026	1029	1030	rBV	679085	735064	17.45%	2.164%
25	12.971	1030	1031	1033	rVV	647067	627023	14.88%	1.846%
26	13.039	1033	1037	1039	rVB	138171	155339	3.69%	0.457%
27	13.177	1047	1049	1053	rBV	30558	66739	1.58%	0.196%
28	13.234	1053	1054	1057	rVB2	81406	92765	2.20%	0.273%
29	13.577	1081	1084	1085	rBV	103997	111050	2.64%	0.327%
30	13.611	1085	1087	1089	rVB	115094	116196	2.76%	0.342%
31	13.657	1089	1091	1093	rBV2	69718	107105	2.54%	0.315%
32	13.714	1093	1096	1097	rBV2	98661	150255	3.57%	0.442%
33	13.954	1115	1117	1121	rVV2	67746	137988	3.28%	0.406%
34	14.274	1142	1145	1146	rBV2	45131	79930	1.90%	0.235%

LSC Area Percent Report

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Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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	14.308	1146	1148	1150	rVV2	50025	91331	2.17%	0.269%
36	14.365	1152	1153	1157	rVV3	69484	159116	3.78%	0.468%
37	14.457	1159	1161	1164	rVV	636420	884403	20.99%	2.604%
38	14.525	1165	1167	1173	rVB2	475117	864373	20.52%	2.545%
39	14.640	1174	1177	1178	rBV2	34334	56939	1.35%	0.168%
40	14.731	1182	1185	1188	rVV	596986	855895	20.31%	2.520%
41	14.800	1189	1191	1197	rVV	655689	1016256	24.12%	2.992%
42	14.891	1197	1199	1201	rVV	46638	67133	1.59%	0.198%
43	14.937	1201	1203	1206	rVV	1199185	1628752	38.66%	4.795%
44	15.017	1206	1210	1212	rVB3	43044	87585	2.08%	0.258%
45	15.097	1215	1217	1218	rBV	56684	69062	1.64%	0.203%
46	15.154	1220	1222	1224	rVB	80969	93258	2.21%	0.275%
47	15.234	1228	1229	1231	rBV	52678	57580	1.37%	0.170%
48	15.280	1231	1233	1235	rBV	101548	114007	2.71%	0.336%
49	15.417	1241	1245	1249	rBV3	116855	225409	5.35%	0.664%
50	15.783	1275	1277	1280	rVB	57484	76581	1.82%	0.225%
51	15.920	1287	1289	1291	rBV	52446	76355	1.81%	0.225%
52	15.965	1291	1293	1298	rVB3	47496	84795	2.01%	0.250%
53	16.045	1298	1300	1303	rVB	50701	67682	1.61%	0.199%
54	16.114	1303	1306	1310	rBV3	200246	358244	8.50%	1.055%
55	16.240	1314	1317	1319	rBV2	845336	1284003	30.48%	3.780%
56	16.377	1326	1329	1330	rBV2	45817	83679	1.99%	0.246%
57	16.537	1341	1343	1345	rVB2	47525	61976	1.47%	0.182%
58	16.743	1355	1361	1363	rBV2	89308	227414	5.40%	0.670%
59	16.788	1363	1365	1368	rVB2	46436	59440	1.41%	0.175%
60	16.937	1376	1378	1383	rVB3	88000	160395	3.81%	0.472%
61	17.337	1411	1413	1415	rBV2	40161	57558	1.37%	0.169%
62	17.543	1428	1431	1438	rBV	284107	736800	17.49%	2.169%
63	17.668	1440	1442	1445	rVB	51386	62802	1.49%	0.185%
64	17.726	1445	1447	1448	rBV	42095	51073	1.21%	0.150%
65	17.874	1457	1460	1463	rBV	172299	326436	7.75%	0.961%
66	17.931	1463	1465	1468	rVV	279394	355187	8.43%	1.046%
67	18.000	1468	1471	1478	rVB	776068	1144551	27.17%	3.370%
68	18.126	1480	1482	1484	rBV3	51705	94143	2.23%	0.277%
69	18.583	1520	1522	1525	rVB2	40544	64127	1.52%	0.189%
70	19.497	1599	1602	1608	rVB2	116684	262665	6.23%	0.773%
71	19.932	1637	1640	1647	rVB	101199	226886	5.39%	0.668%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.137	1656	1658	1665	rVB4	48893	176842	4.20%	0.521%

Sum of corrected areas: 33964418

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
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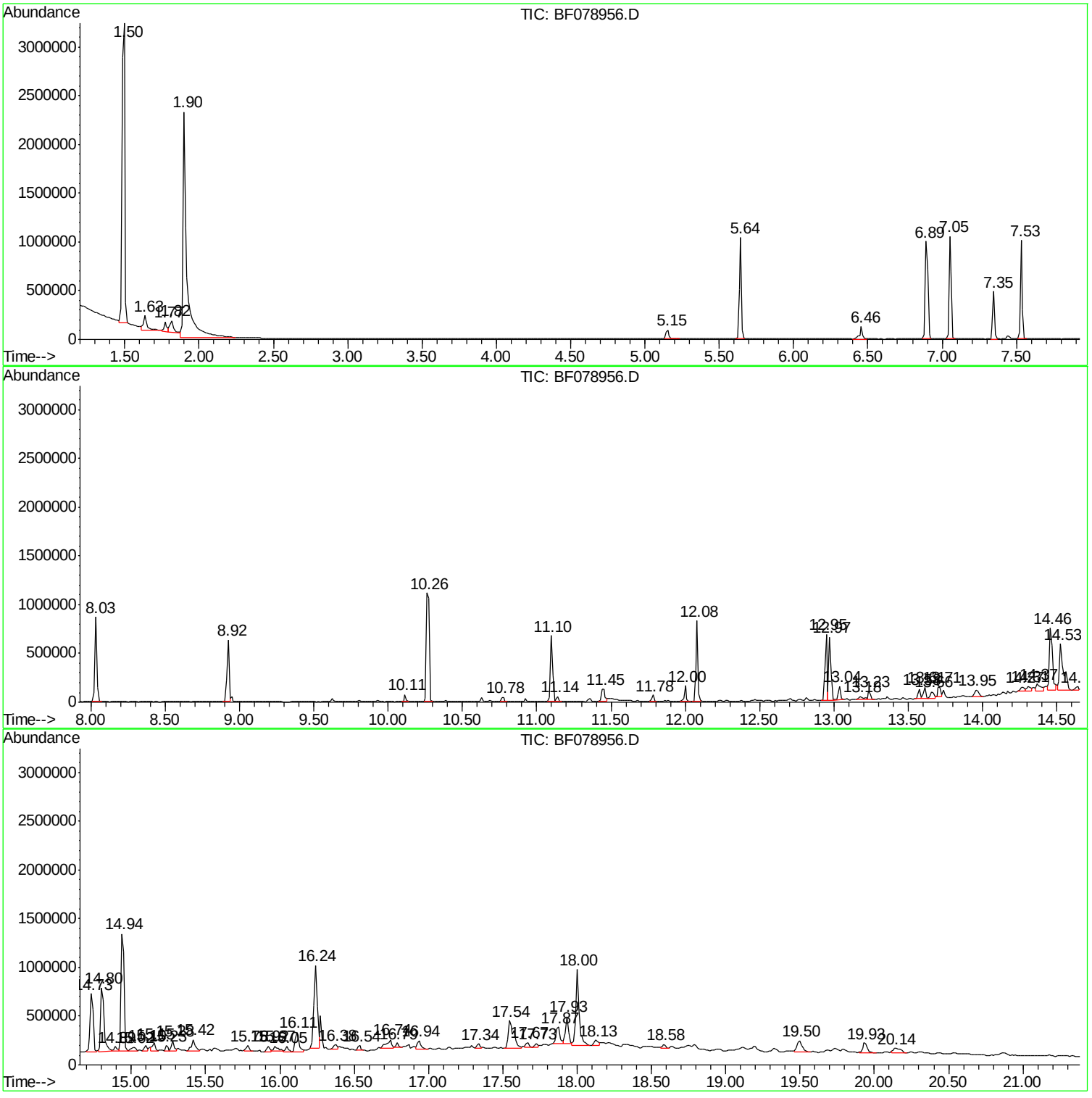
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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 : BF078956.D
Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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

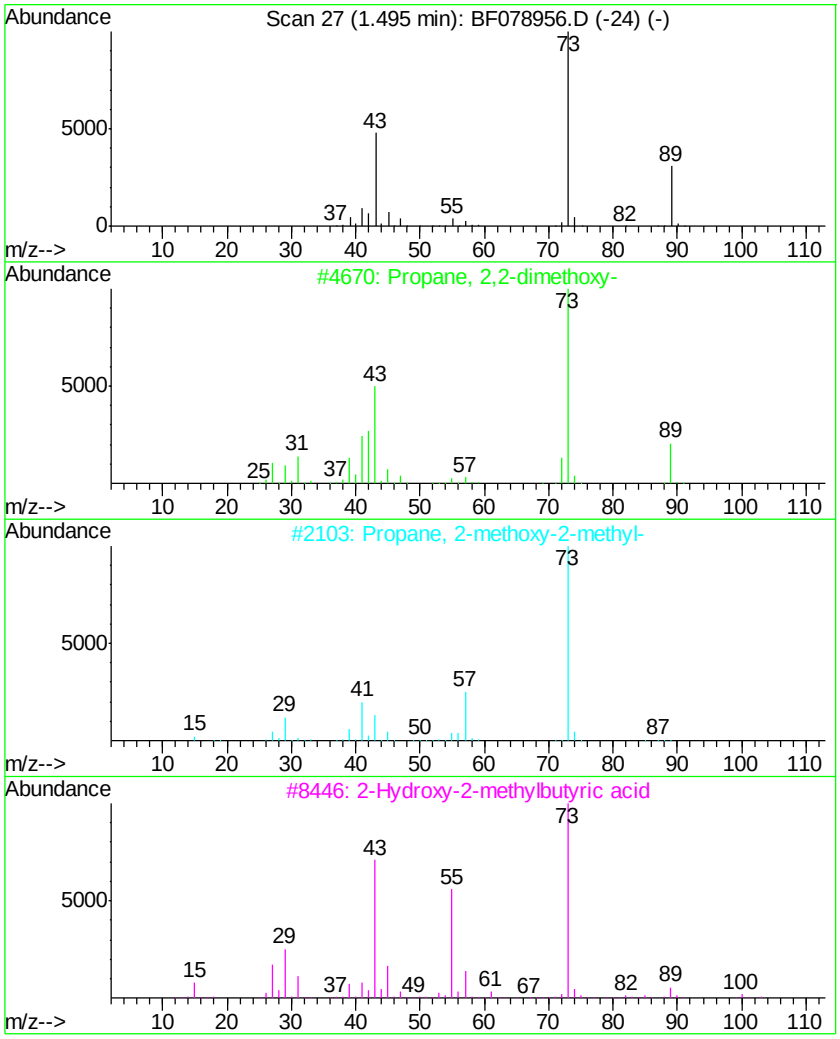
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

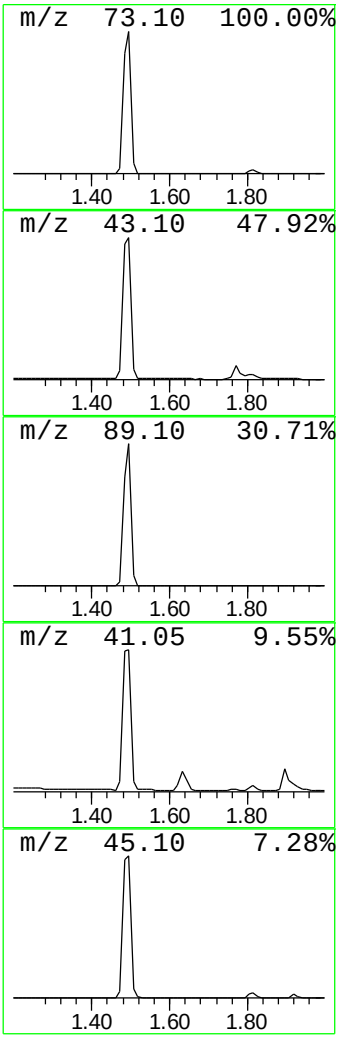
****

Peak Number 1 unknown1.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	191.92 ng	4213140	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	38
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 : BF078956.D
Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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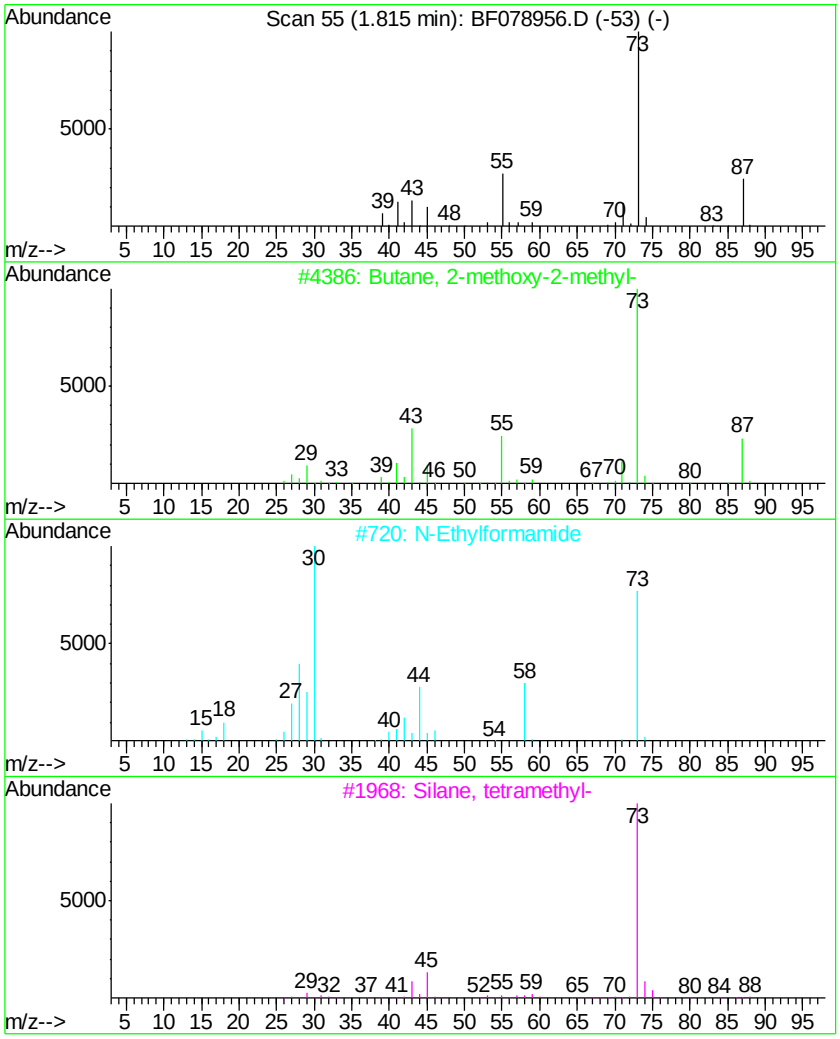
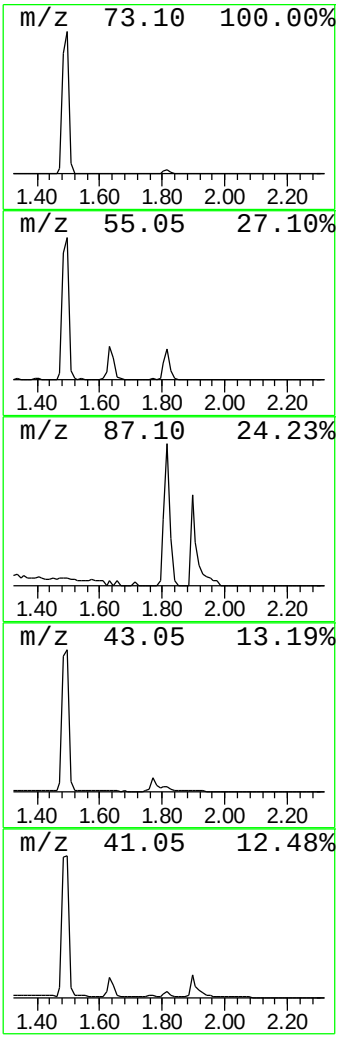
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	8.88 ng	194900	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	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078956.D
Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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

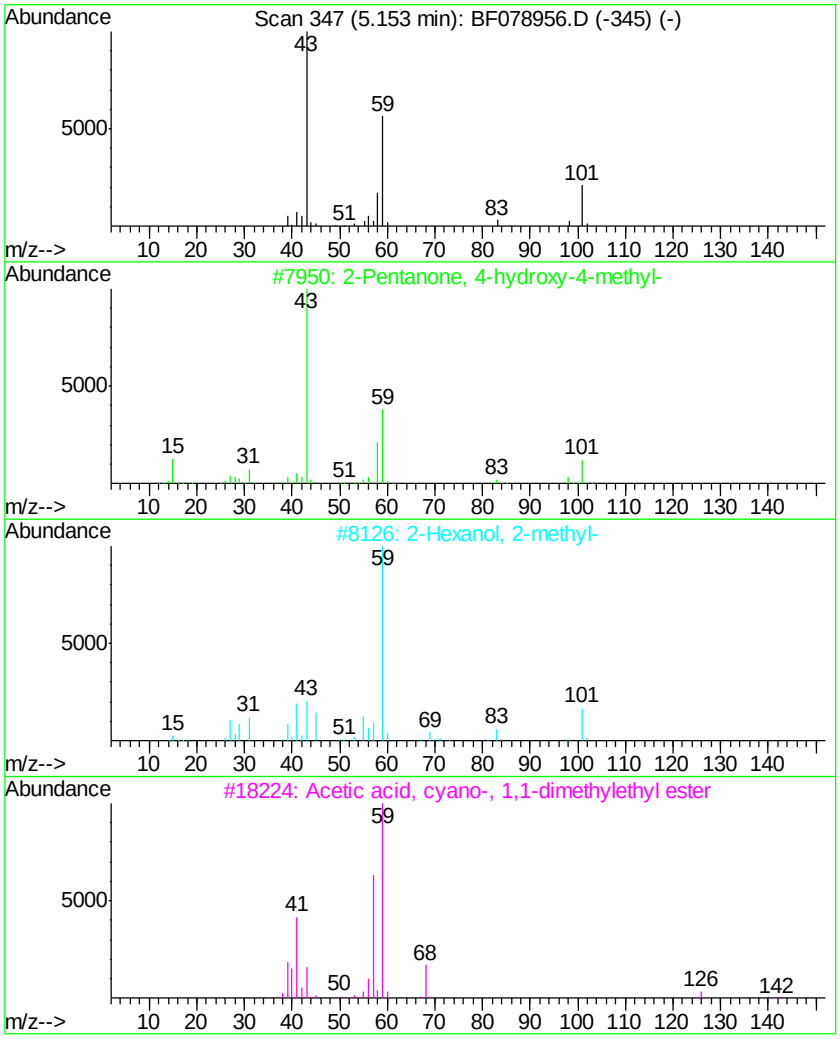
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

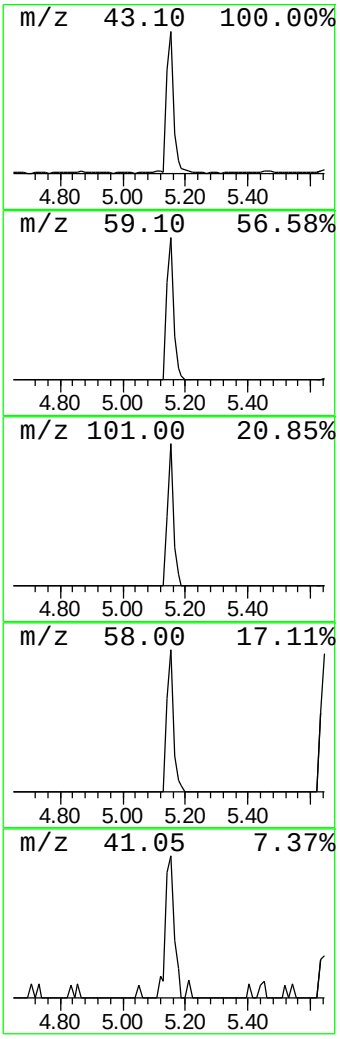
****

Peak Number 6 unknown5.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	6.18 ng	135559	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	38
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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

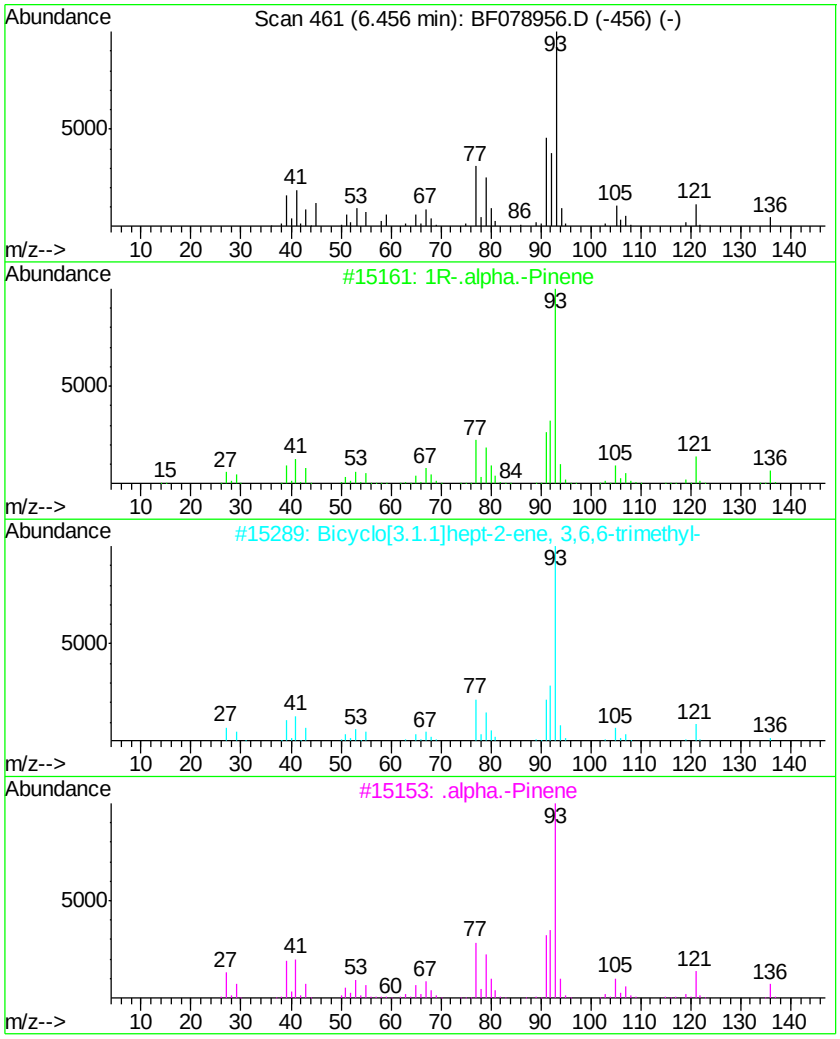
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

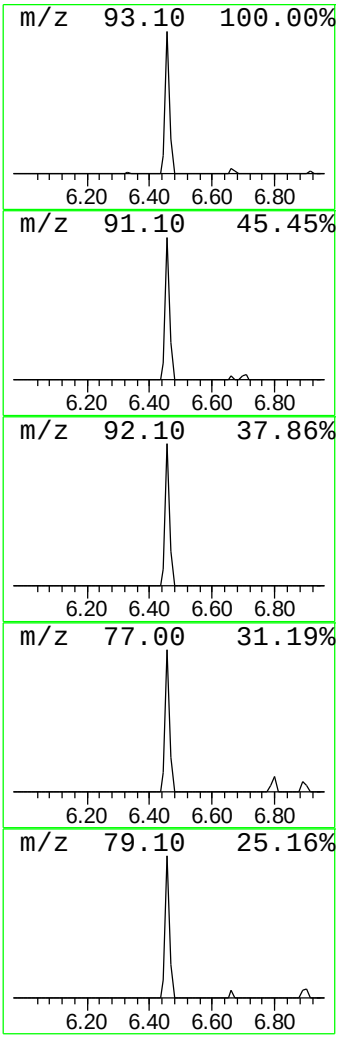
****

Peak Number 7 1R-.alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	7.64 ng	167789	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	96
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	1S-.alpha.-Pinene	136	C10H16	007785-26-4	94
5	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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

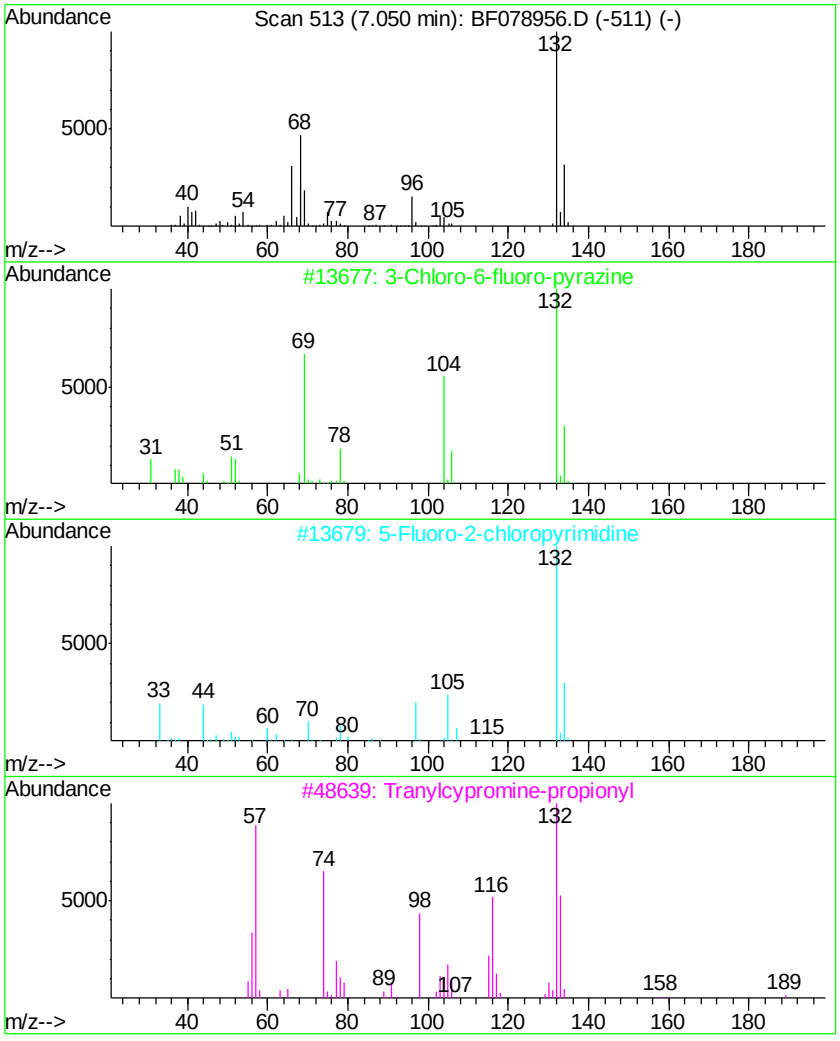
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

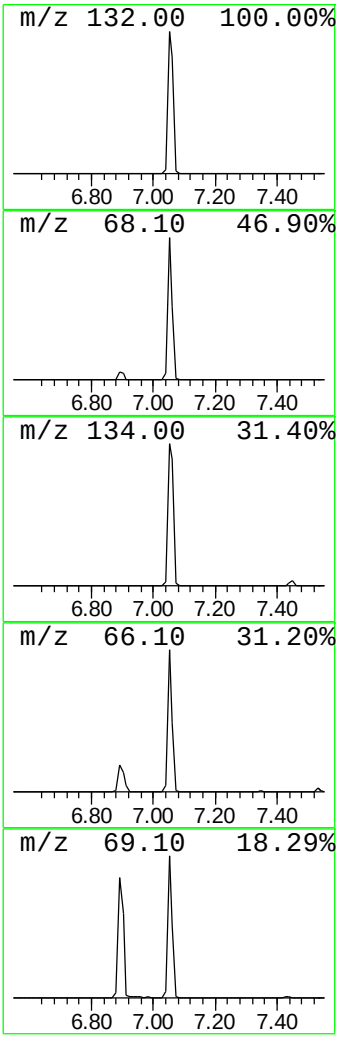
****

Peak Number 8 unknown7.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	56.13 ng	1232190	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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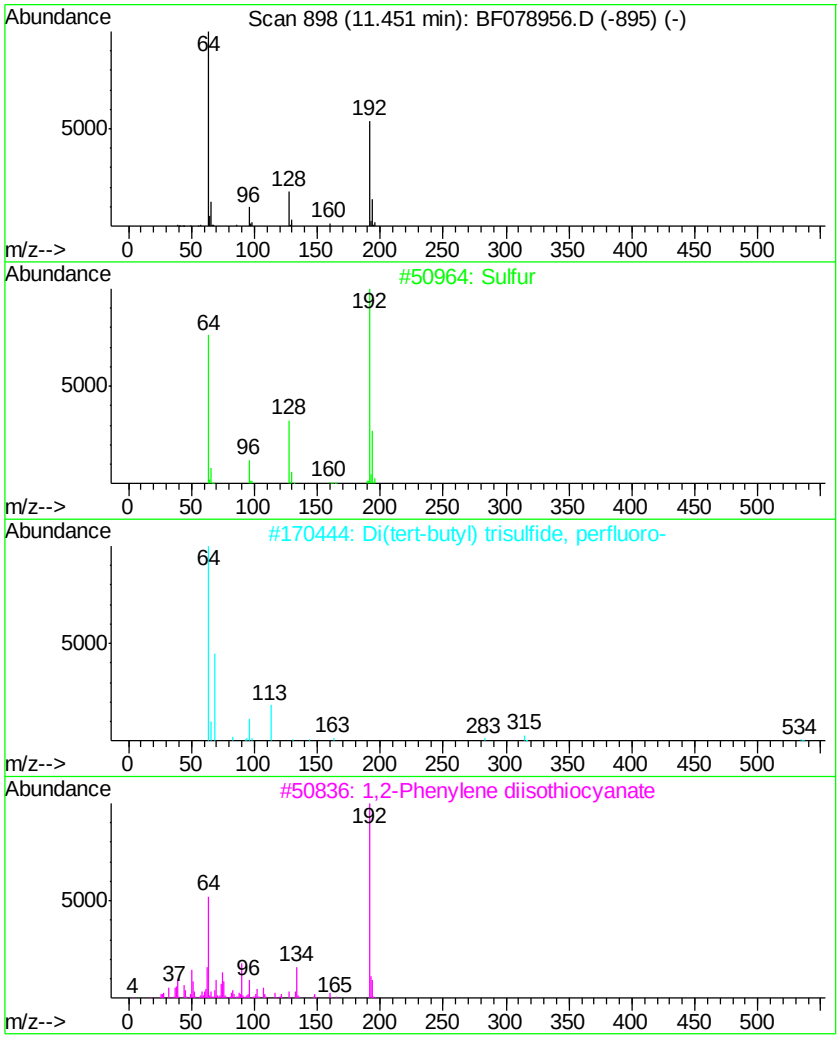
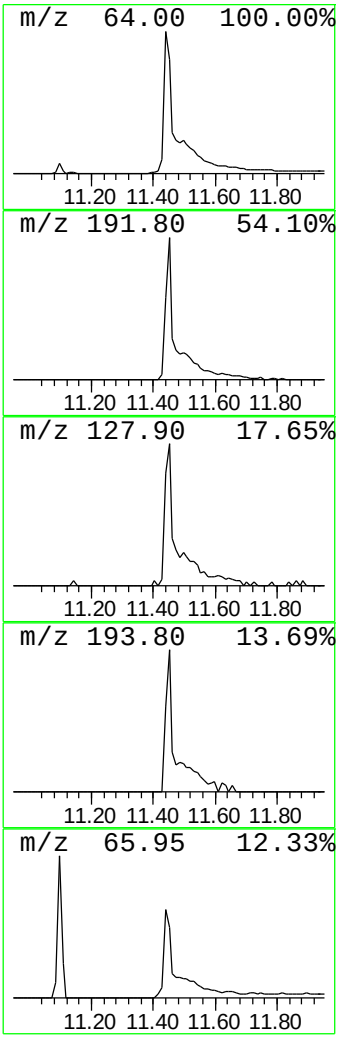
Peak Number 10 Sulfur Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	6.45 ng	220488	Acenaphthene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	91
2	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
3	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	5
4	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Data File : BF078956.D
Acq On : 6 May 2015 13:14
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Sample : G2114-08
Misc :
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Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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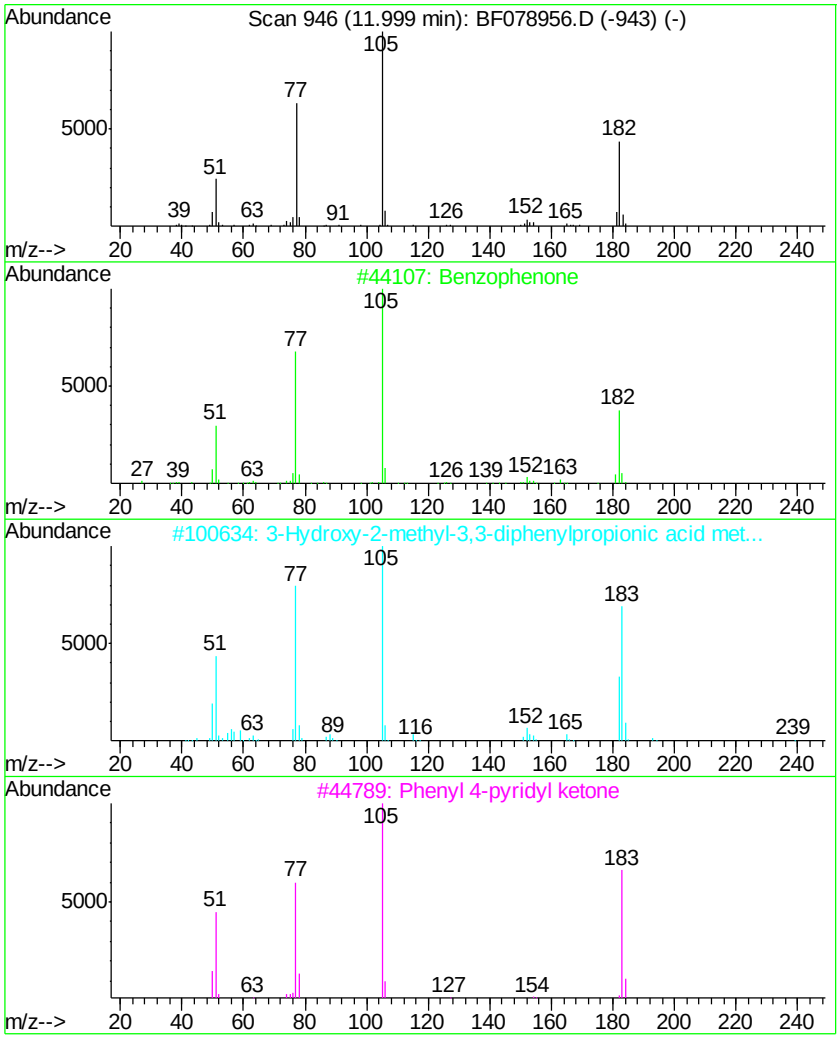
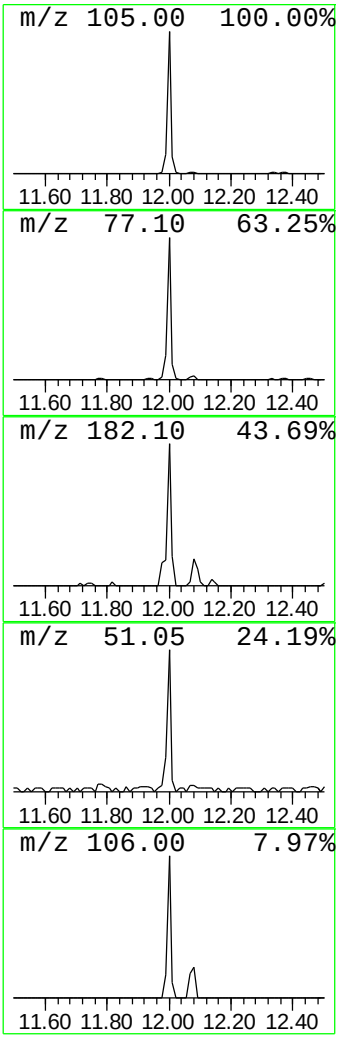
Peak Number 11 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.49 ng	153491	Acenaphthene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	3-Hydroxy-2-methyl-3,3-diphenylp...	270	C17H18O3	119020-91-6	53
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Data File : BF078956.D
Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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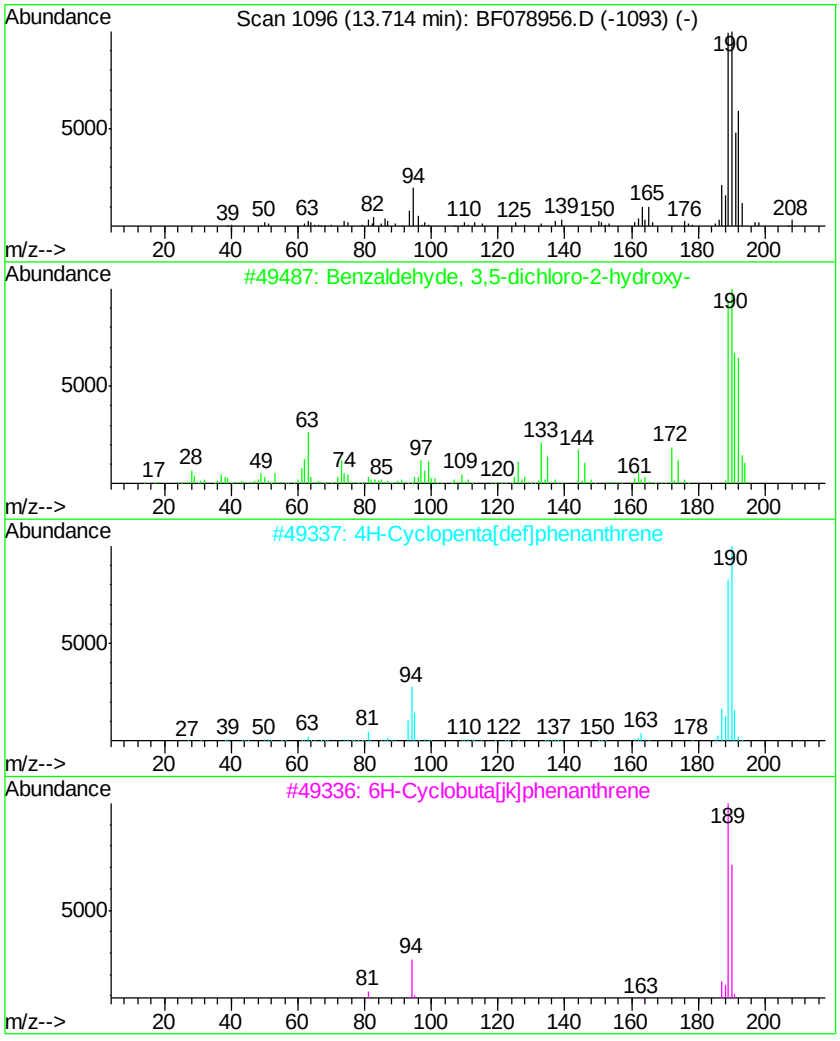
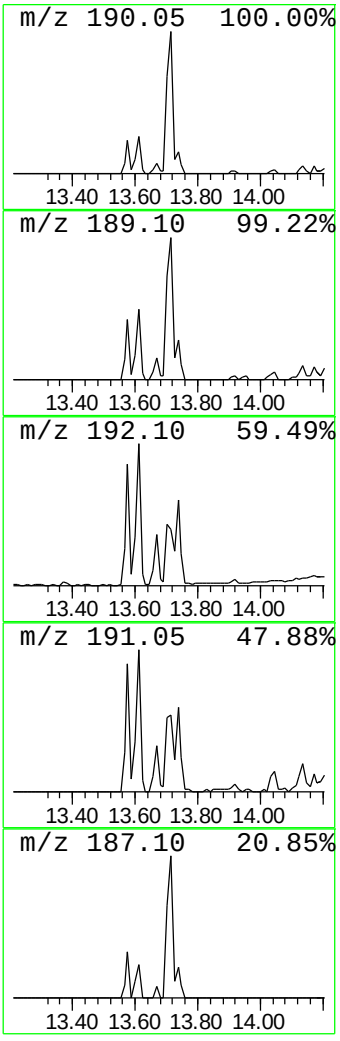
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.09 ng	150255	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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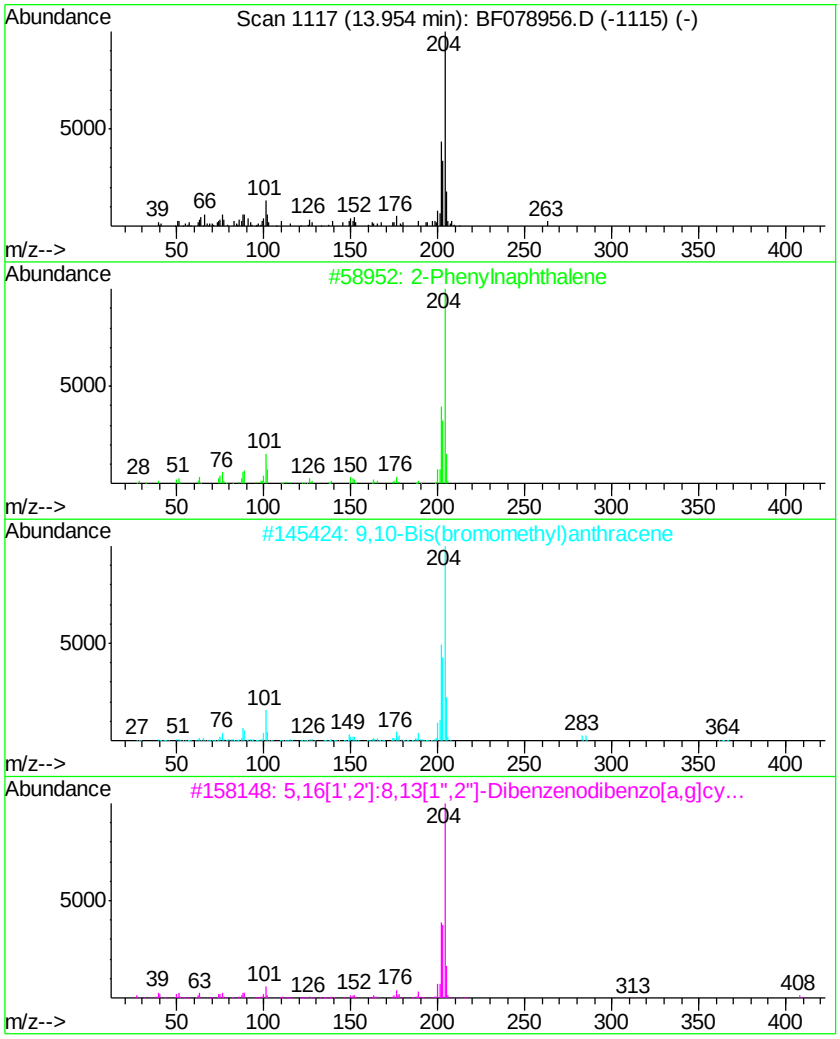
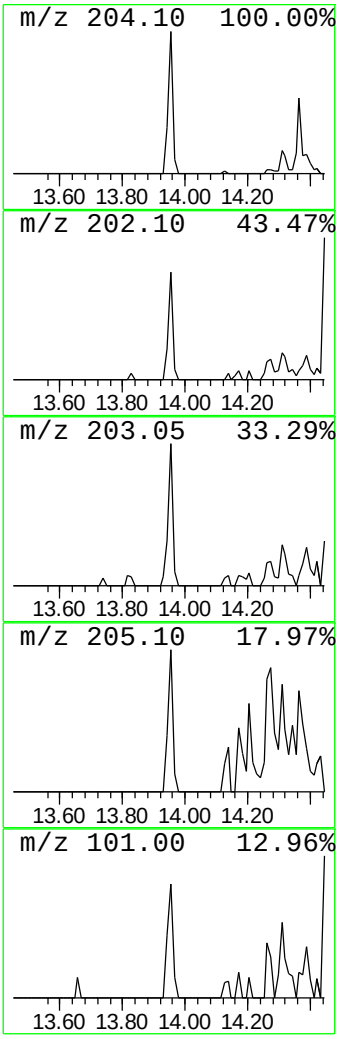
Peak Number 13 2-Phenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.75 ng	137988	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	97
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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

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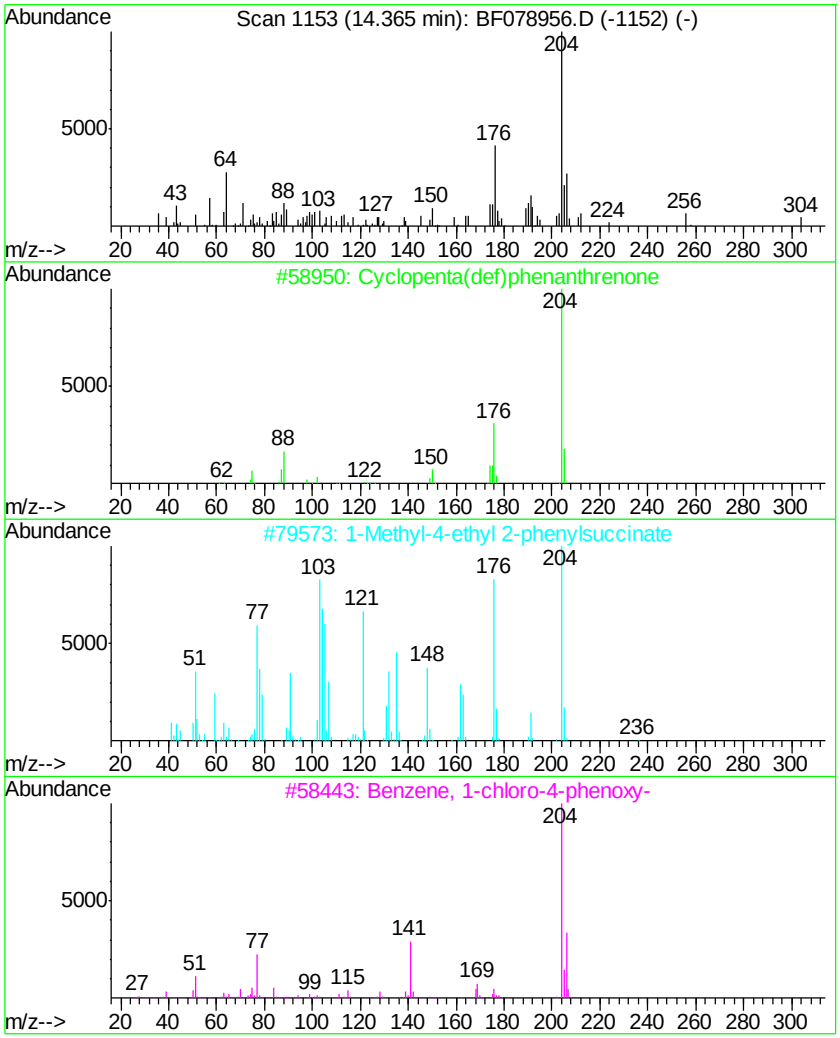
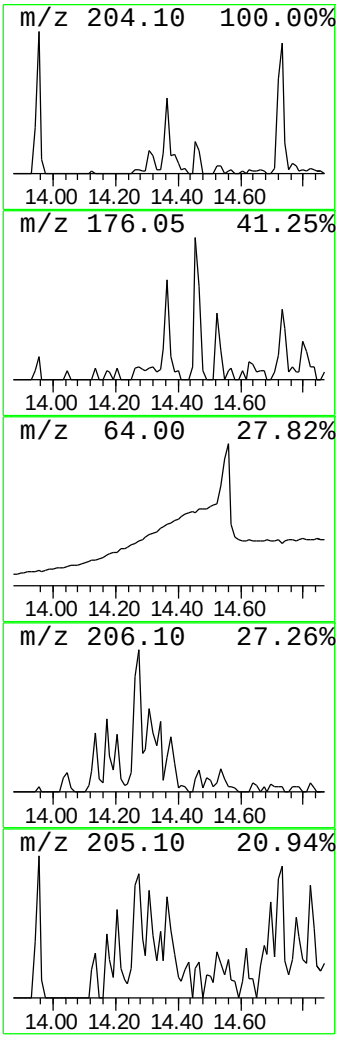
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.33 ng	159116	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	47
3	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	40
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40





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Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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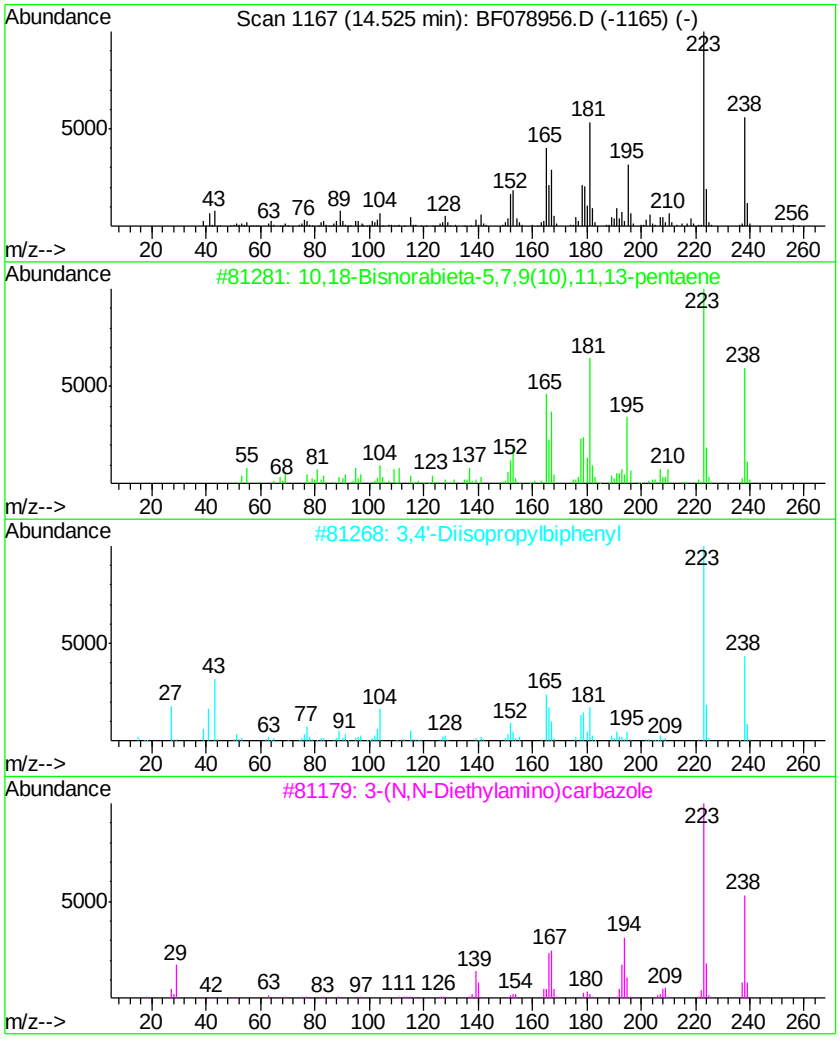
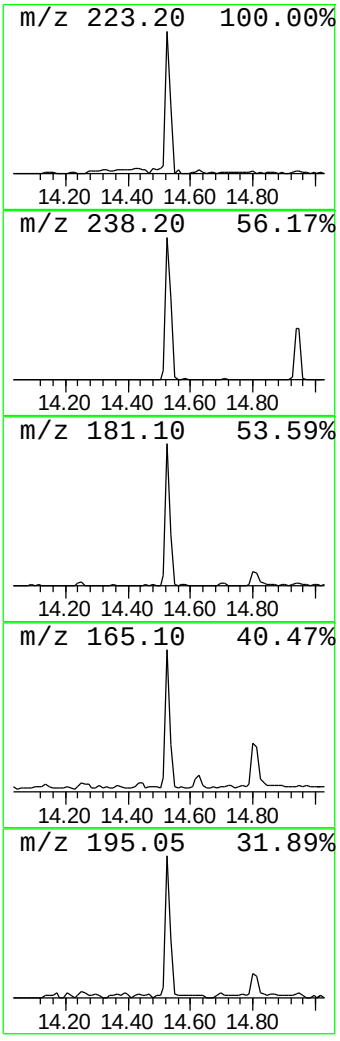
Peak Number 15 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	23.52 ng	864373	Phenanthrene-d10	12.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	94
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	70
3	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	55
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	45





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Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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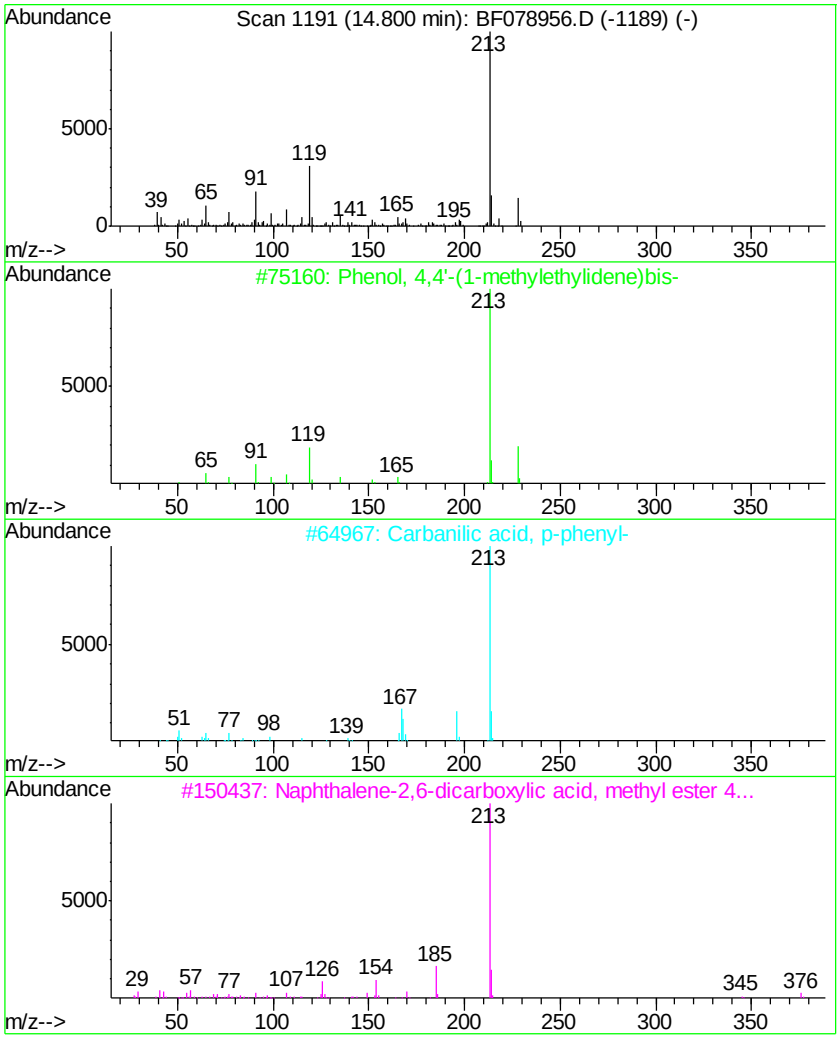
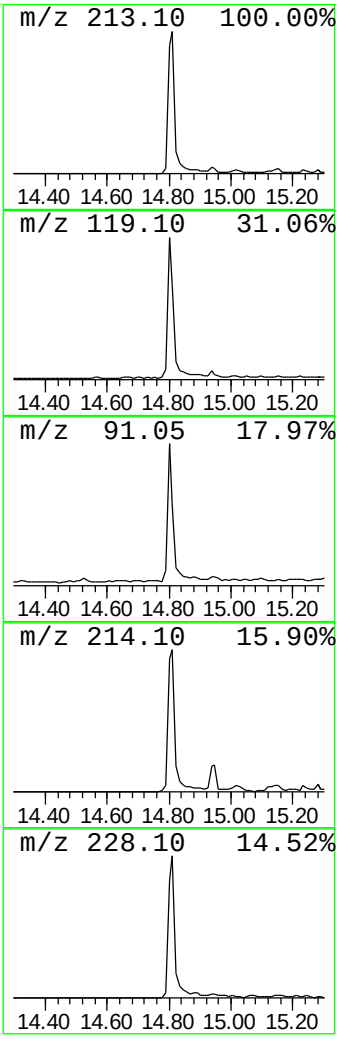
Peak Number 16 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	15.83 ng	1016260	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	50
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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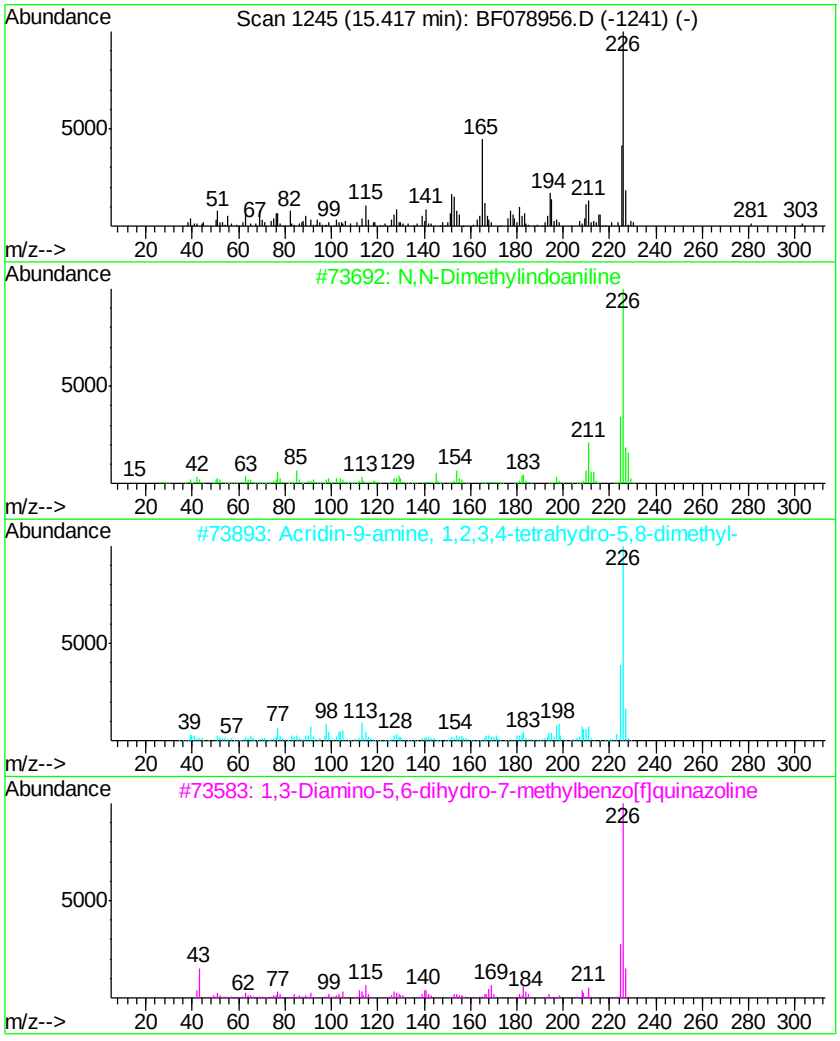
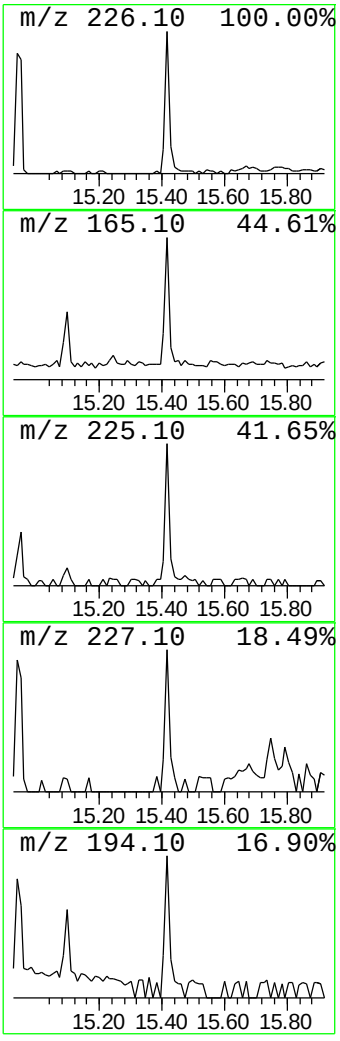
Peak Number 17 N,N-Dimethylindoaniline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	3.51 ng	225409	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	78
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
4	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	46
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	43





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Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

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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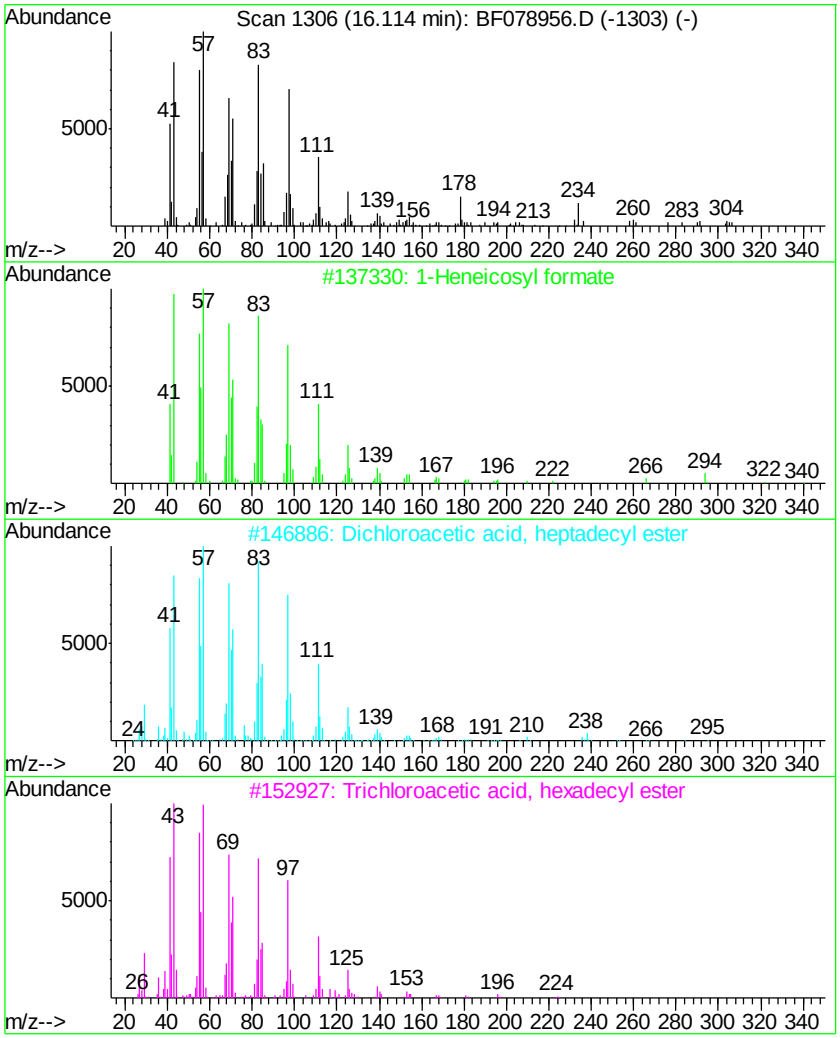
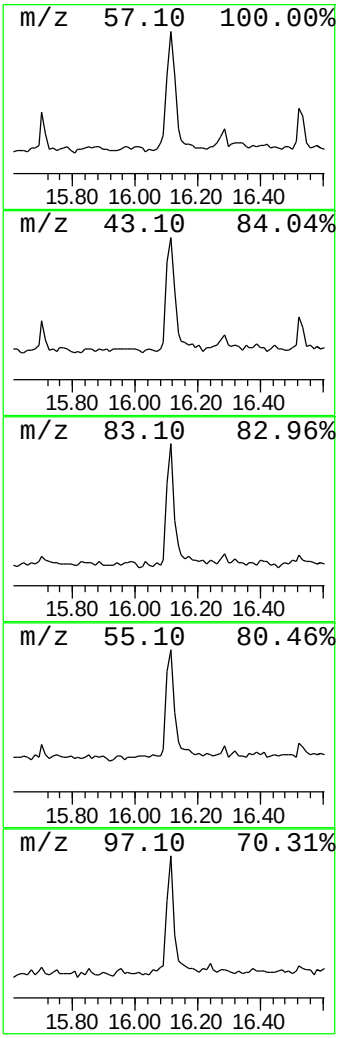
Peak Number 18 1-Heneicosyl formate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.58 ng	358244	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-3(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
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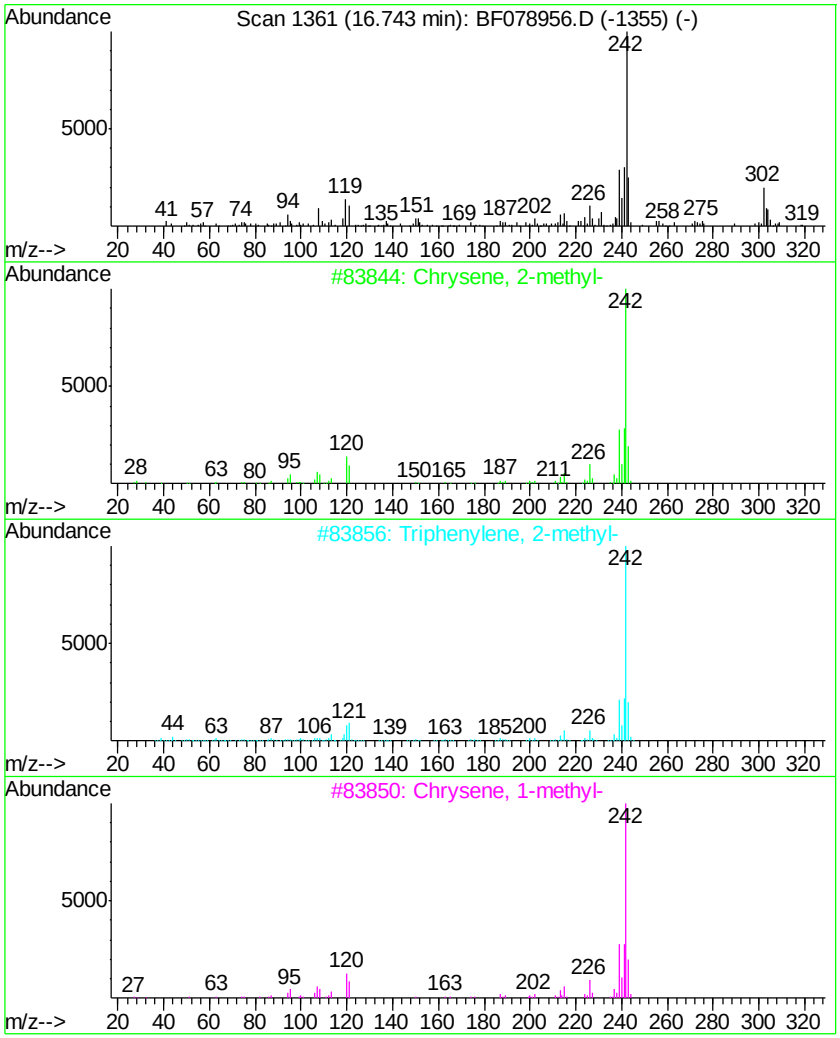
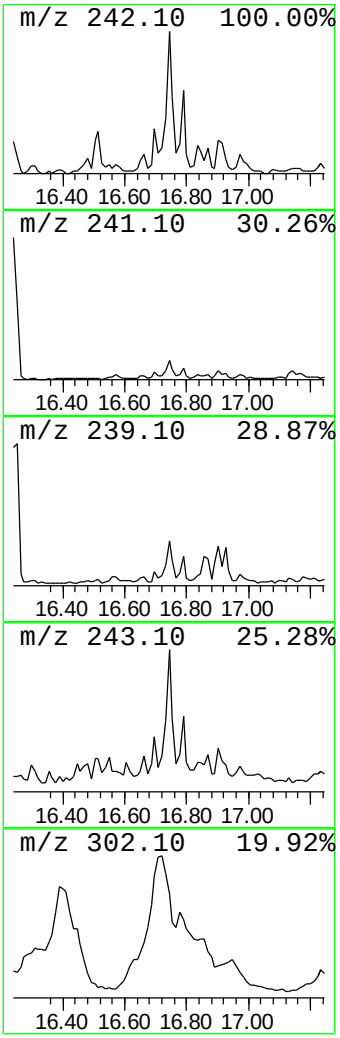
Peak Number 19 Chrysene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	3.54 ng	227414	Chrysene-d12	16.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	86
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
4	Chrysene, 6-methyl-	242	C19H14	003697-24-3	83
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	83





Tentatively Identified Compound (LSC) summary

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Acq On : 6 May 2015 13:14
Operator : TP/IZ
Sample : G2114-08
Misc :
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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
unknown1.50	1.50	191.9	ng	4213140	1	7.35	439043	20.0
Butane, 2-methoxy...	1.82	8.9	ng	194900	1	7.35	439043	20.0
unknown5.15	5.15	6.2	ng	135559	1	7.35	439043	20.0
1R-.alpha.-Pinene	6.46	7.6	ng	167789	1	7.35	439043	20.0
unknown7.05	7.05	56.1	ng	1232190	1	7.35	439043	20.0
Sulfur	11.45	6.5	ng	220488	3	11.10	684072	20.0
Benzophenone	12.00	4.5	ng	153491	3	11.10	684072	20.0
Benzaldehyde, 3,5...	13.71	4.1	ng	150255	4	12.95	735064	20.0
2-Phenylnaphthalene	13.95	3.8	ng	137988	4	12.95	735064	20.0
Cyclopenta(def)ph...	14.37	4.3	ng	159116	4	12.95	735064	20.0
10,18-Bisnorabiet...	14.53	23.5	ng	864373	4	12.95	735064	20.0
Phenol, 4,4'-(1-m...	14.80	15.8	ng	1016260	5	16.24	1284000	20.0
N,N-Dimethylindoa...	15.42	3.5	ng	225409	5	16.24	1284000	20.0
1-Heneicosyl formate	16.11	5.6	ng	358244	5	16.24	1284000	20.0
Chrysene, 2-methyl-	16.74	3.5	ng	227414	5	16.24	1284000	20.0