LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

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-BF063016.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	1.667	5	7	16	rVV	79713	140653	7.96%	0.625%
2	1.781	16	17	40	rVB	534649	813021	46.02%	3.613%
3	2.787	103	105	117	rVB	12511	31114	1.76%	0.138%
4	4.821	280	283	290	rBV	95645	159810	9.05%	0.710%
5	5.279	321	323	326	rBV	1361036	1332437	75.42%	5.921%
6	6.341	413	416	418	rBV	1426975	1479217	83.73%	6.573%
7	6.456	423	426	428	rVB	1459927	1369145	77.50%	6.084%
8	6.684	444	446	448	rBV	377330	302657	17.13%	1.345%
9	6.844	457	460	462	rVB	1393791	1172282	66.36%	5.209%
10	7.256	493	496	498	rBV	1059933	1005602	56.92%	4.469%
11	7.622	524	528	533	rVB	23121	46845	2.65%	0.208%
12	7.976	556	559	560	rBV	356022	432169	24.46%	1.920%
13	7.999	560	561	564	rVB	67536	55985	3.17%	0.249%
14	8.685	618	621	623	rBV	52065	45125	2.55%	0.201%
15	8.776	628	629	632	rVB	31774	34379	1.95%	0.153%
16	9.050	650	653	655	rBV	2131286	1766621	100.00%	7.850%
17	9.302	672	675	679	rVB2	39661	63054	3.57%	0.280%
18	9.439	685	687	690	rVB	247732	236395	13.38%	1.050%
19	9.713	709	711	713	rBV	440699	481918	27.28%	2.142%
20	9.748	713	714	716	rVB	42778	31842	1.80%	0.141%
21	10.010	734	737	742	rBV2	26987	48514	2.75%	0.216%
22	10.262	757	759	761	rVB	30240	42662	2.41%	0.190%
23	10.502	778	780	783	rBV	1049376	1025036	58.02%	4.555%
24	10.628	785	791	796	rVB	41310	96947	5.49%	0.431%
25	11.085	829	831	835	rBV	104753	130402	7.38%	0.579%
26	11.188	838	840	844	rVV	433261	565924	32.03%	2.515%
27	11.268	844	847	848	rVB2	30542	39332	2.23%	0.175%
28	12.171	924	926	929	rBV3	23358	40185	2.27%	0.179%
29	12.399	944	946	948	rBV	92910	140682	7.96%	0.625%
30	12.616	962	965	967	rBV2	107031	128099	7.25%	0.569%
31	12.662	967	969	970	rVB	96621	82826	4.69%	0.368%
32	12.776	977	979	981	rVB	1530622	1399147	79.20%	6.218%
33	12.959	990	995	997	rBV2	34159	67272	3.81%	0.299%
34	13.005	997	999	1001	rVV3	33140	54938	3.11%	0.244%

LSC Area Percent Report

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Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.039	1001	1002	1006	rVV3	46971	71004	4.02%	0.316%
36	13.108	1006	1008	1010	rVV3	22239	34782	1.97%	0.155%
37	13.154	1010	1012	1015	rVB3	24431	39128	2.21%	0.174%
38	13.348	1023	1029	1030	rBV5	137723	167431	9.48%	0.744%
39	13.382	1030	1032	1033	rVV2	75559	122039	6.91%	0.542%
40	13.405	1033	1034	1036	rVV2	125164	132110	7.48%	0.587%
41	13.462	1036	1039	1040	rVV	90620	144040	8.15%	0.640%
42	13.496	1040	1042	1044	rVV2	122833	167841	9.50%	0.746%
43	13.531	1044	1045	1046	rVV	42994	31649	1.79%	0.141%
44	13.611	1046	1052	1053	rVV4	59130	122866	6.95%	0.546%
45	13.656	1055	1056	1057	rVV	52219	51475	2.91%	0.229%
46	13.679	1057	1058	1061	rVB	54527	76022	4.30%	0.338%
47	13.817	1067	1070	1071	rBV	457222	534738	30.27%	2.376%
48	13.839	1071	1072	1075	rVB	53747	44975	2.55%	0.200%
49	13.931	1078	1080	1083	rVB3	50954	68221	3.86%	0.303%
50	14.011	1083	1087	1088	rBV	41826	78040	4.42%	0.347%
51	14.045	1088	1090	1092	rVV3	61628	83145	4.71%	0.369%
52	14.079	1092	1093	1095	rVV2	69561	73305	4.15%	0.326%
53	14.114	1095	1096	1099	rVB2	29447	42311	2.40%	0.188%
54	14.308	1110	1113	1117	rBV4	20991	57307	3.24%	0.255%
55	14.594	1135	1138	1140	rBV4	17898	31012	1.76%	0.138%
56	14.799	1155	1156	1160	rVB	53131	100446	5.69%	0.446%
57	14.902	1162	1165	1166	rBV	39157	53649	3.04%	0.238%
58	15.062	1177	1179	1182	rVB	27230	33366	1.89%	0.148%
59	15.119	1182	1184	1187	rVB	32762	38457	2.18%	0.171%
60	15.177	1187	1189	1192	rBV	278083	328996	18.62%	1.462%
61	15.394	1205	1208	1215	rVB8	23317	71732	4.06%	0.319%
62	15.611	1224	1227	1230	rBV	21981	40970	2.32%	0.182%
63	15.920	1249	1254	1256	rBV6	55817	126365	7.15%	0.562%
64	16.022	1260	1263	1266	rBV5	26393	55930	3.17%	0.249%
65	16.274	1284	1285	1288	rBV3	43410	60012	3.40%	0.267%
66	16.342	1289	1291	1293	rVV3	33692	37112	2.10%	0.165%
67	16.422	1296	1298	1303	rVV6	120622	398769	22.57%	1.772%
68	16.514	1305	1306	1311	rVV3	213070	342031	19.36%	1.520%
69	16.594	1311	1313	1315	rVV3	29026	60627	3.43%	0.269%
70	16.651	1315	1318	1320	rVV4	90861	182490	10.33%	0.811%
71	16.708	1322	1323	1324	rVV	97227	100846	5.71%	0.448%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.765	1327	1328	1330	rVV	87253	101282	5.73%	0.450%
73	16.811	1330	1332	1333	rVV2	35755	56174	3.18%	0.250%
74	16.845	1333	1335	1338	rVB3	29881	52725	2.98%	0.234%
75	16.971	1343	1346	1352	rVB6	16412	50337	2.85%	0.224%
76	17.108	1354	1358	1361	rVV5	96798	203227	11.50%	0.903%
77	17.303	1372	1375	1377	rBV3	84687	184116	10.42%	0.818%
78	17.383	1380	1382	1383	rVB2	60984	47068	2.66%	0.209%
79	17.405	1383	1384	1386	rBV2	62167	85864	4.86%	0.382%
80	17.451	1386	1388	1391	rVB4	107283	142409	8.06%	0.633%
81	17.600	1399	1401	1402	rBV2	40789	38430	2.18%	0.171%
82	17.623	1402	1403	1407	rVV3	197625	374445	21.20%	1.664%
83	17.680	1407	1408	1411	rVV3	92016	180299	10.21%	0.801%
84	17.748	1411	1414	1417	rVV5	73818	203861	11.54%	0.906%
85	17.805	1417	1419	1421	rVV3	93097	107245	6.07%	0.477%
86	17.851	1421	1423	1424	rVV2	77865	109625	6.21%	0.487%
87	17.908	1427	1428	1430	rBV2	68737	73785	4.18%	0.328%
88	18.011	1433	1437	1440	rVB5	120612	210883	11.94%	0.937%
89	18.057	1440	1441	1444	rVB3	84689	94240	5.33%	0.419%
90	18.137	1444	1448	1449	rBV4	47514	65805	3.72%	0.292%
91	18.217	1454	1455	1456	rVV	38599	39710	2.25%	0.176%
92	18.251	1456	1458	1461	rVB3	41375	72660	4.11%	0.323%
93	18.651	1491	1493	1495	rVV3	34434	35033	1.98%	0.156%
94	18.754	1495	1502	1507	rVV5	147029	414367	23.46%	1.841%
95	18.846	1507	1510	1512	rVV4	40886	67154	3.80%	0.298%
96	18.937	1516	1518	1519	rVV2	102070	129301	7.32%	0.575%
97	18.971	1519	1521	1523	rVV3	43231	78534	4.45%	0.349%
98	19.006	1523	1524	1529	rVV5	106088	121659	6.89%	0.541%
99	19.074	1529	1530	1532	rVV2	44947	64636	3.66%	0.287%
100	19.508	1566	1568	1569	rBV2	22385	30982	1.75%	0.138%

Sum of corrected areas: 22503332

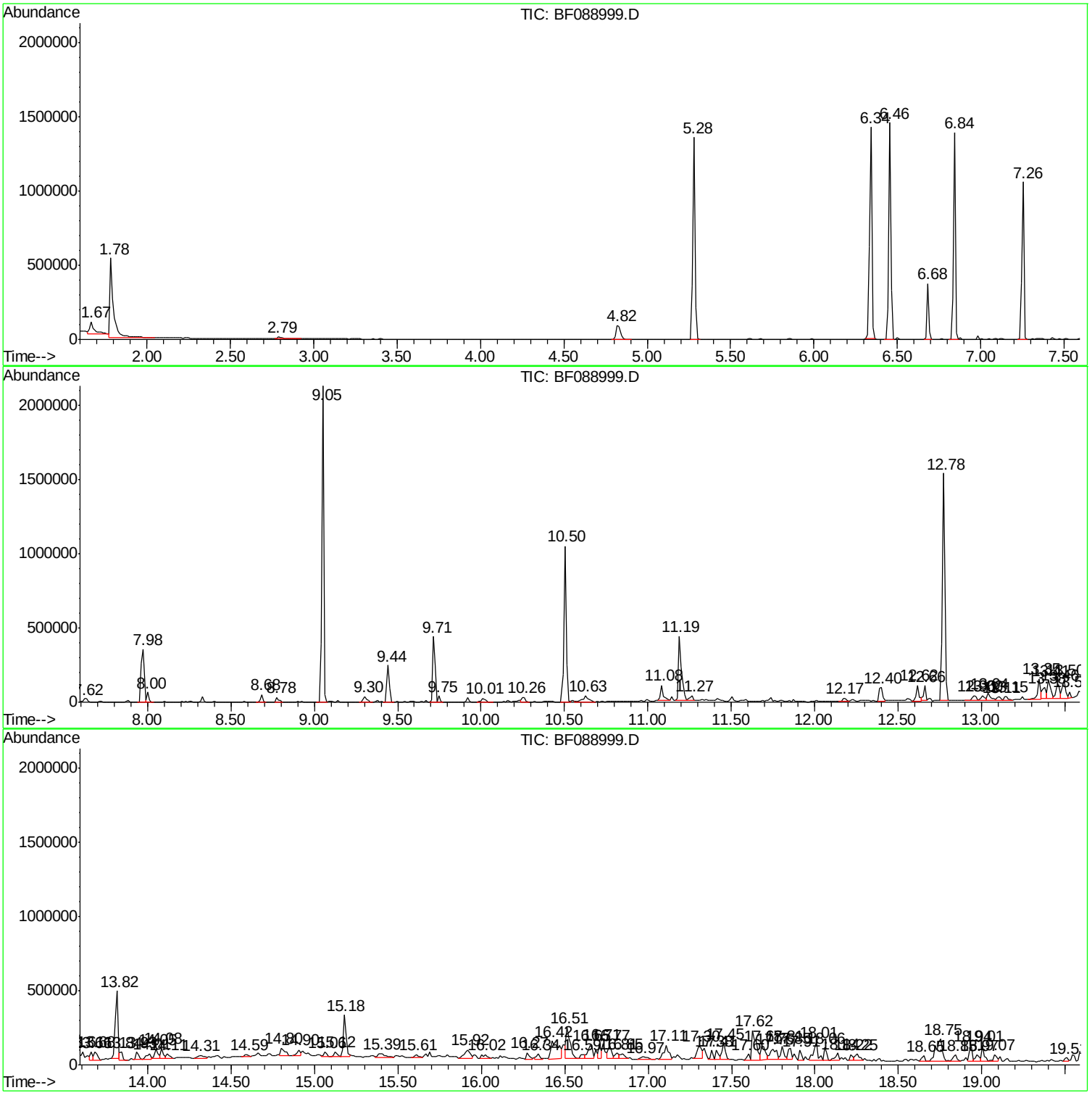
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

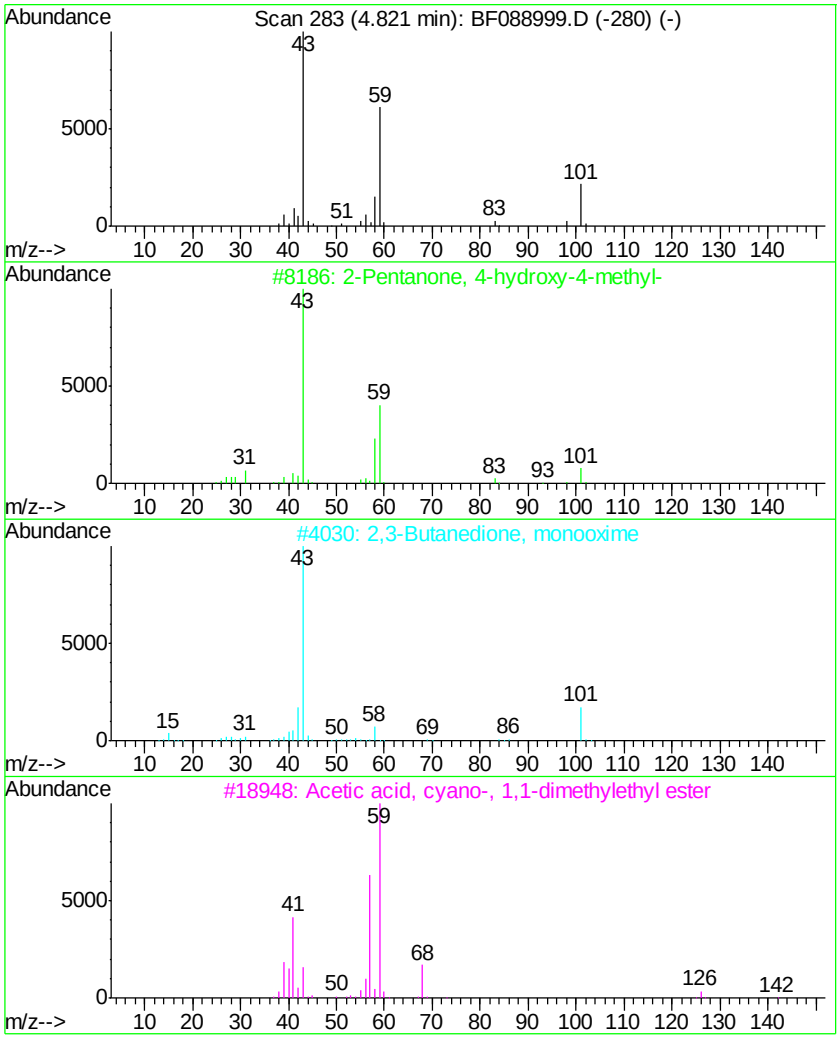
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

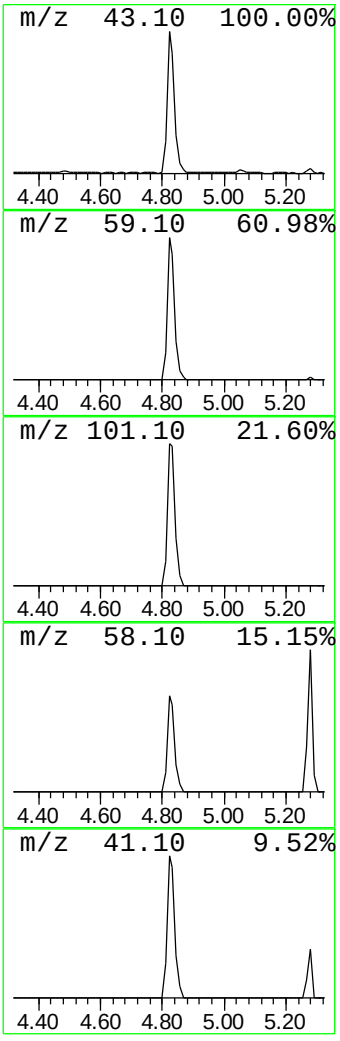
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	10.56 ng	159810	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088999.D
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Sample : H3996-13
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Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

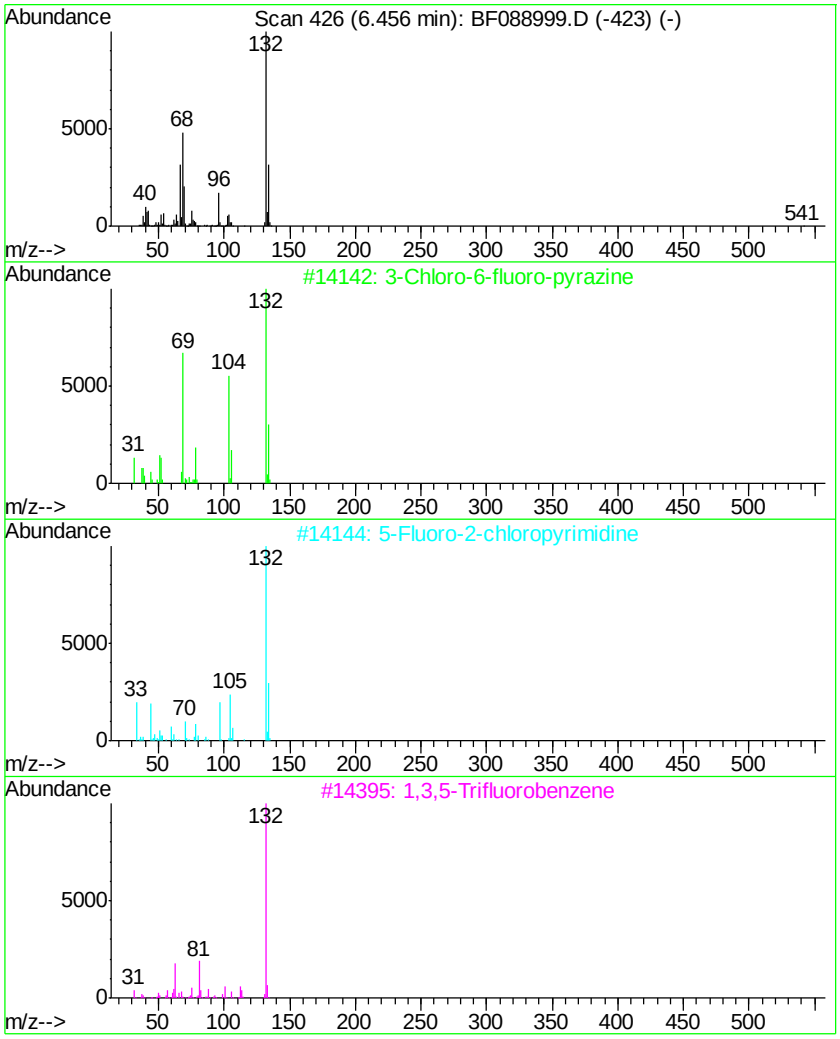
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

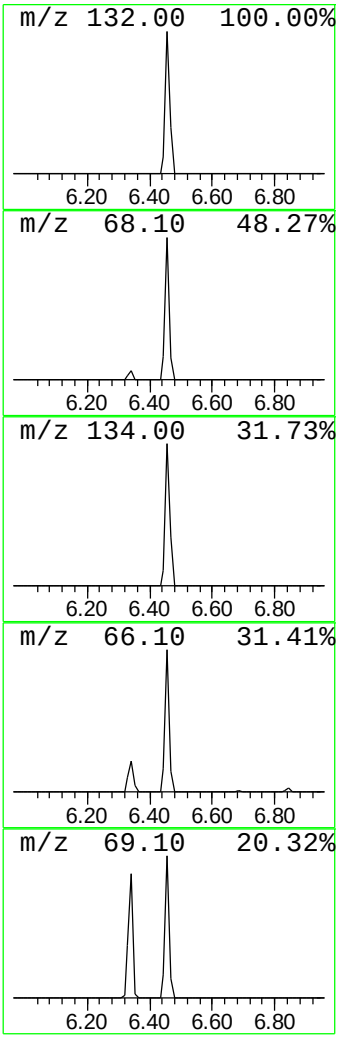
****

Peak Number 4 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	90.48 ng	1369150	1,4-Dichlorobenzene-d4	6.68

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	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

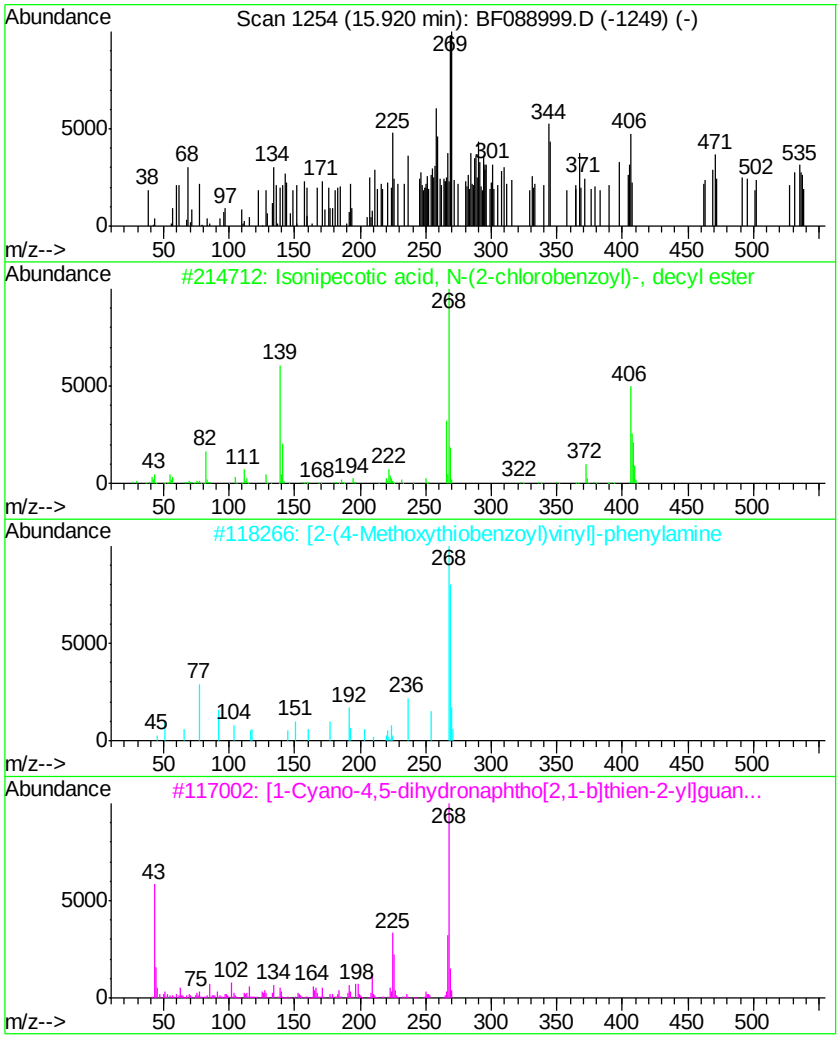
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

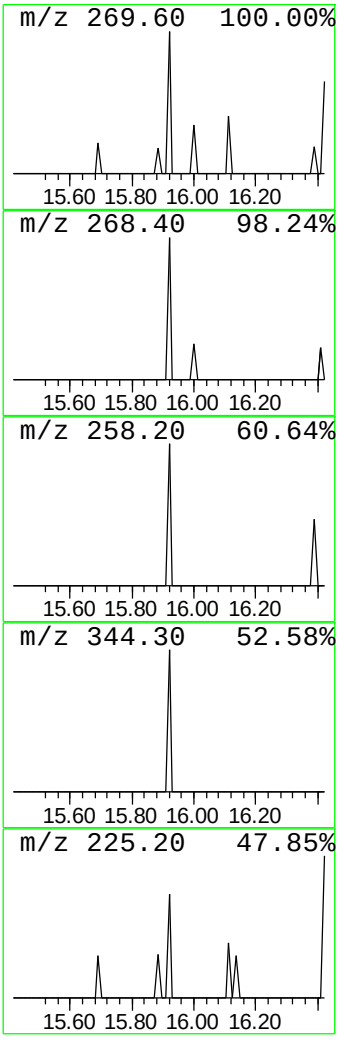
****

Peak Number 6 unknown15.92 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	7.68 ng	126365	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isonipecotic acid, N-(2-chlorobe...	407	C23H34ClNO3	1000361-16-5	25
2	[2-(4-Methoxythiobenzoyl)vinyl]-...	269	C16H15NOS	1000148-40-2	18
3	[1-Cyano-4,5-dihydronaphtho[2,1-...	268	C14H12N4S	037071-33-3	14
4	.alpha.-Hydroequilenin	268	C18H20O2	1000251-92-8	14
5	Benzothiazole-2-carboxamide, 5,6...	268	C11H12N2O4S	328961-30-4	14





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Sample : H3996-13
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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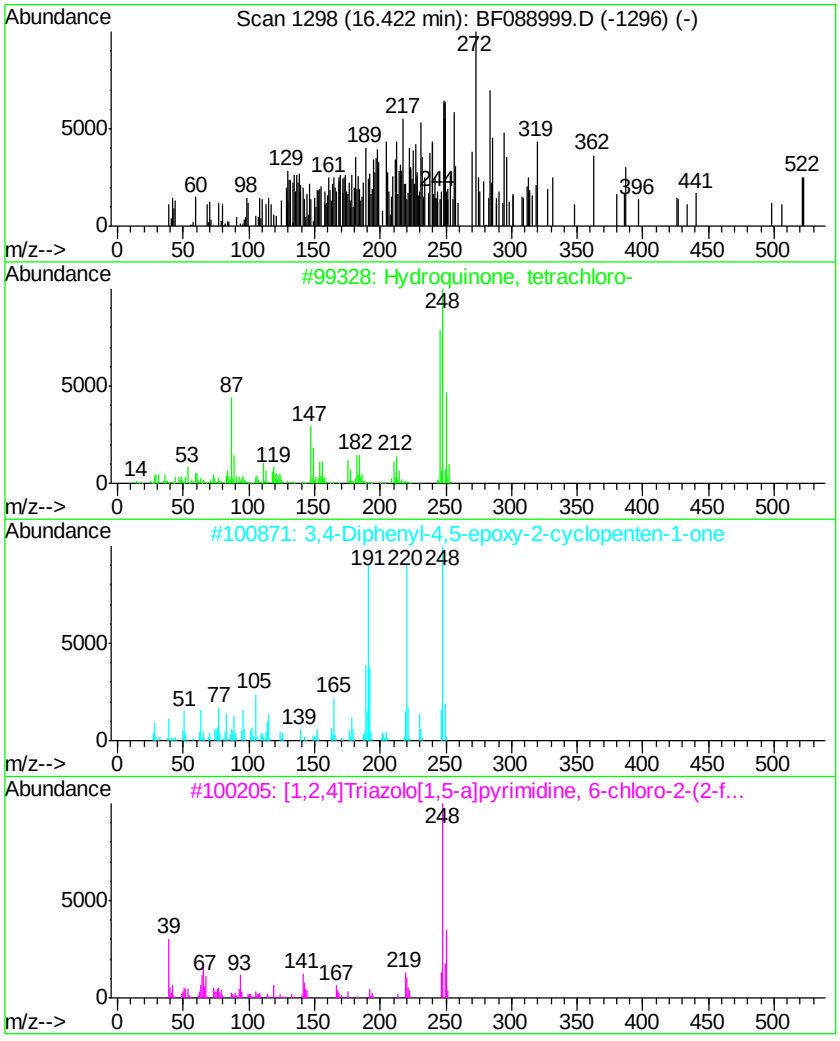
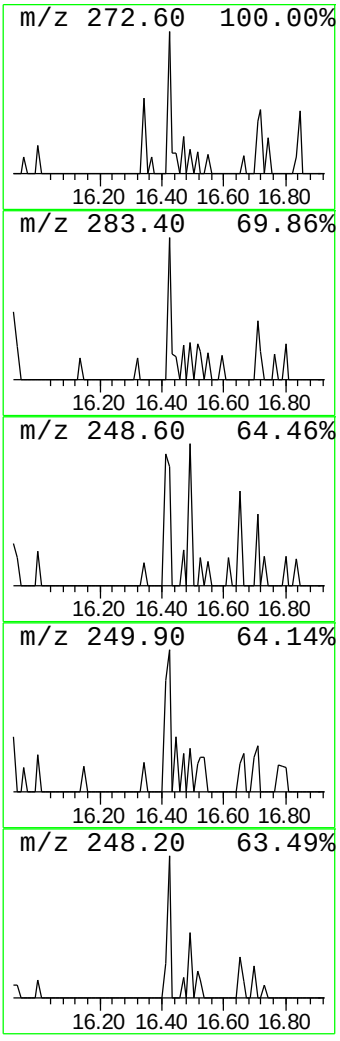
Peak Number 7 unknown16.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	24.24 ng	398769	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroquinone, tetrachloro-	246	C6H2Cl4O2	000087-87-6	25
2	3,4-Diphenyl-4,5-epoxy-2-cyclope...	248	C17H12O2	1000306-52-3	15
3	[1,2,4]Triazolo[1,5-a]pyrimidine...	248	C11H9ClN4O	1000320-01-9	15
4	Heptano[a]purin-2,6-dione, 1,3-d...	248	C12H16N4O2	003922-49-4	11
5	4,5-Diphenyl-2-pyrone	248	C17H12O2	1000306-52-2	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

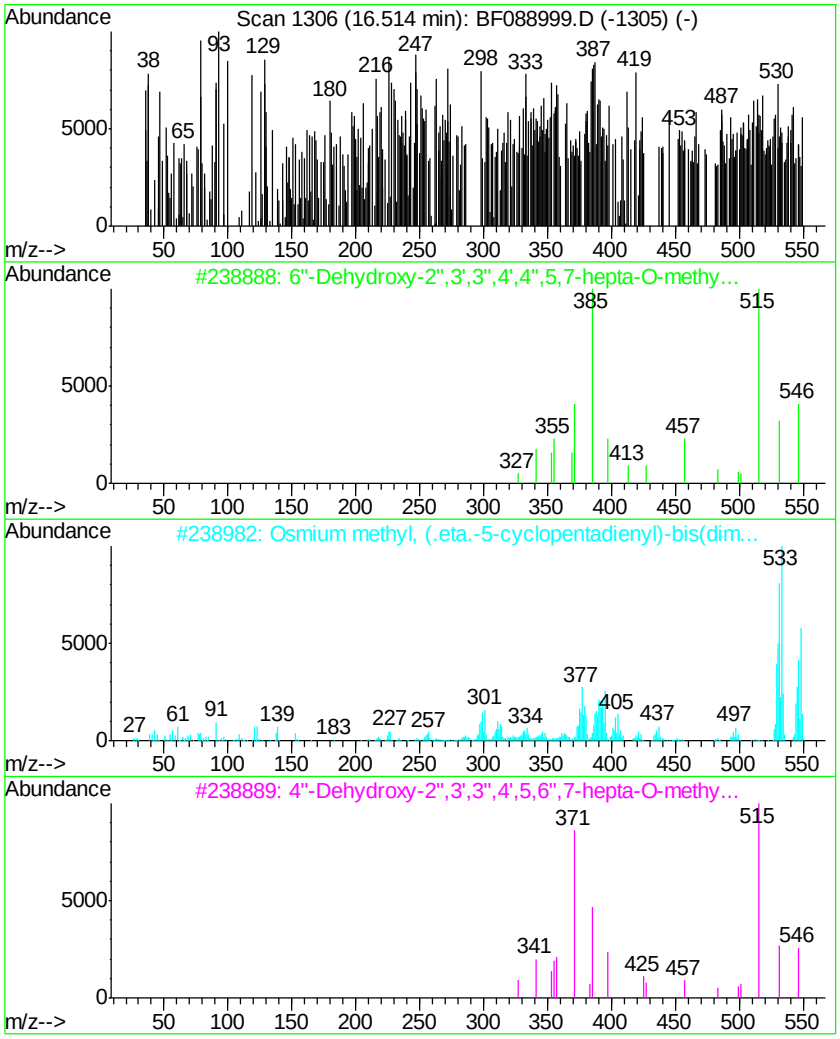
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

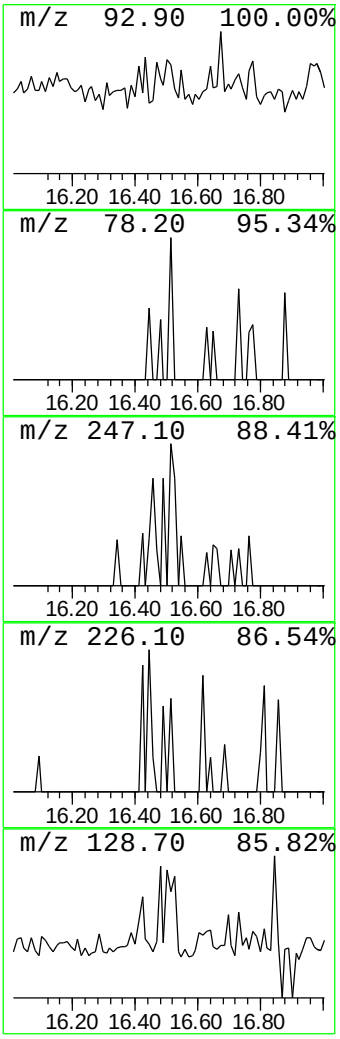
****

Peak Number 8 unknown16.51 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	20.79 ng	342031	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6''-Dehydroxy-2'',3',3'',4',4'',...	546	C28H34O11	1000064-97-6	10
2	Osmium methyl, (.eta.-5-cyclopen...	548	C22H30OsP2	1000158-92-4	10
3	4''-Dehydroxy-2'',3',3'',4',5,6'...	546	C28H34O11	1000064-97-4	10
4	5-Isoxazolamine, N-methyl-N,3-di...	532	C36H28N2OSi	135703-02-5	9
5	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	9





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Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

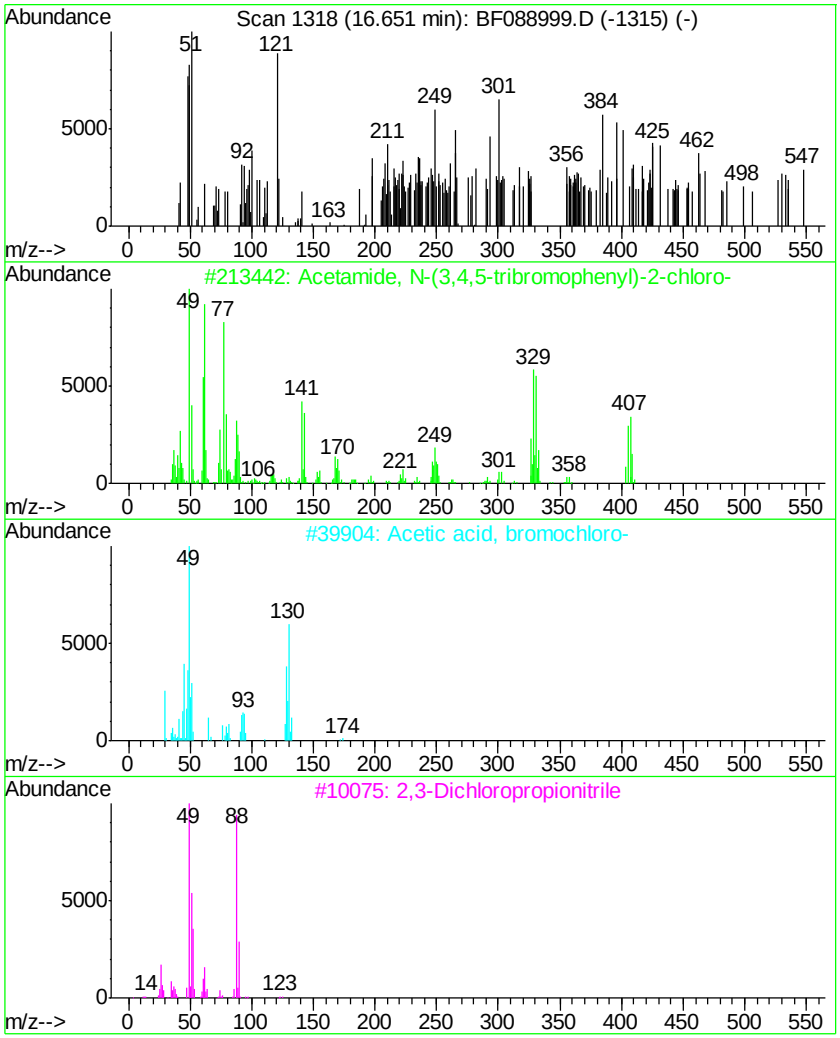
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

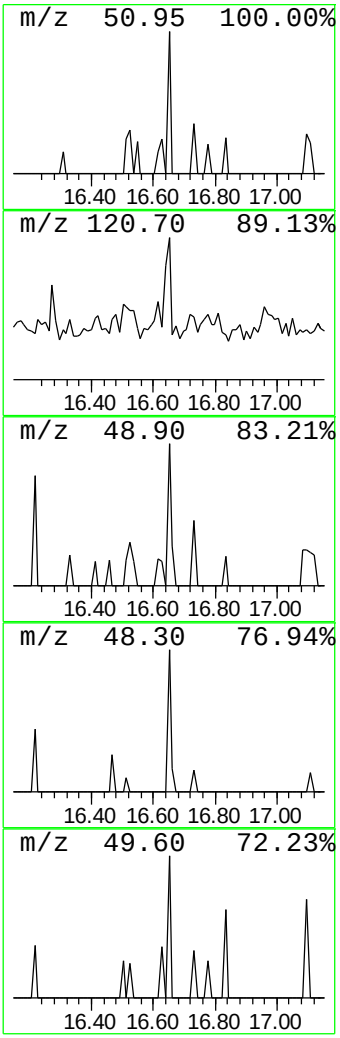
****

Peak Number 9 unknown16.65 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	11.09 ng	182490	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3,4,5-tribromophen...	403	C8H5Br3ClNO	1000276-95-3	9
2	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	9
3	2,3-Dichloropropionitrile	123	C3H3Cl2N	002601-89-0	9
4	2H-1-Benzopyran-2-one, 7-(5-buto...	425	C26H23N3O3	016515-58-5	7
5	1-Methyl-1-(p-N,N-diethylaminoph...	438	C11H17Cl4N4P3	087048-82-6	7





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Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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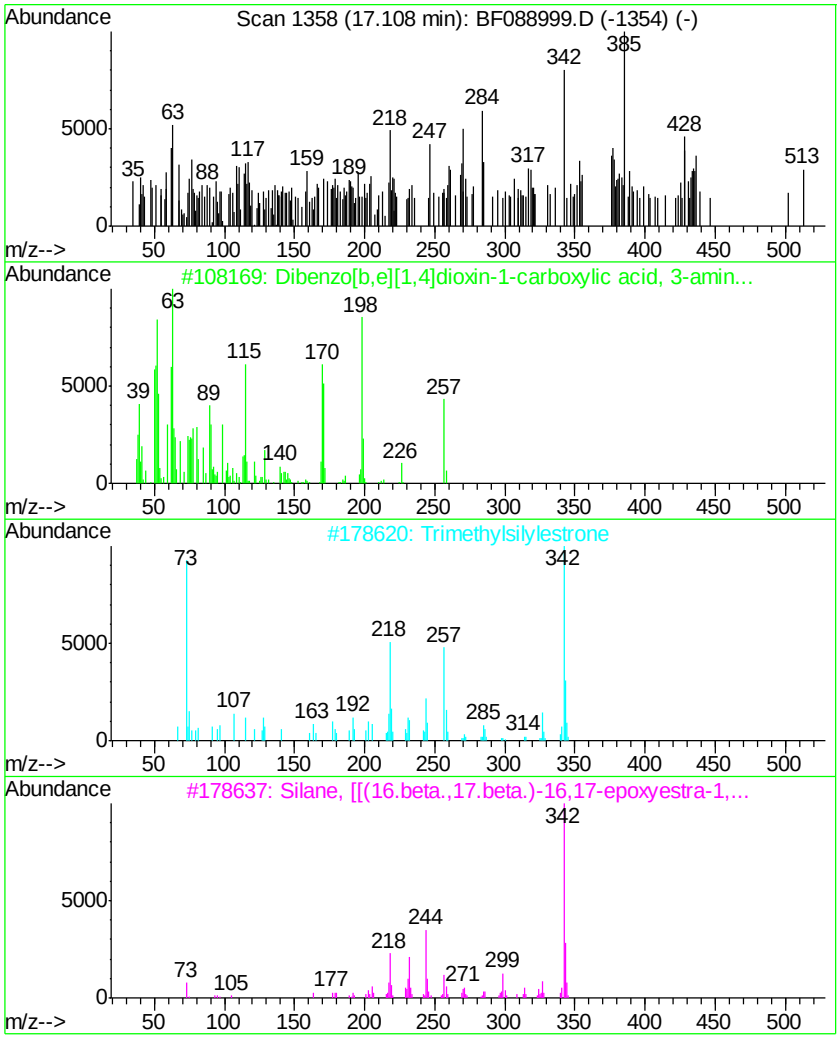
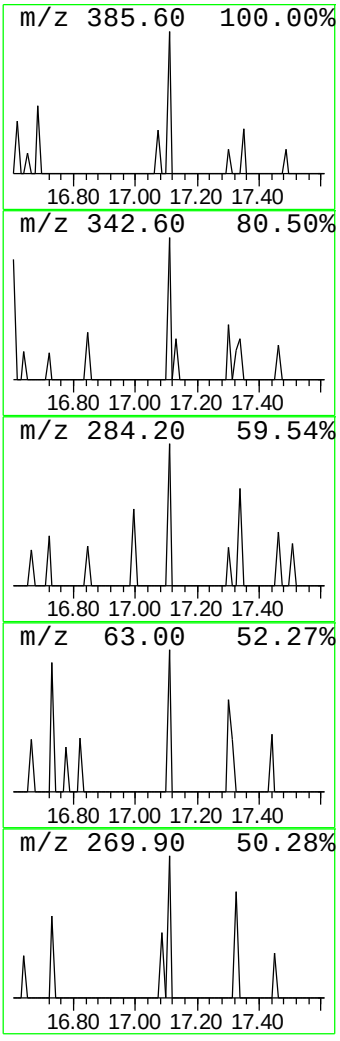
Peak Number 10 unknown17.11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	12.35 ng	203227	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[b,e][1,4]dioxin-1-carbox...	257	C14H11NO4	1000362-82-4	11
2	Trimethylsilylestrone	342	C21H30O2Si	001839-54-9	11
3	Silane, [[(16.beta.,17.beta.)-16...	342	C21H30O2Si	074299-44-8	9
4	Estra-1,3,5(10)-trien-16-one, 3-...	342	C21H30O2Si	077883-20-6	9
5	7,8,2',4'-Tetramethoxy-isoflavone	342	C19H18O6	006502-88-1	9





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Data File : BF088999.D
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Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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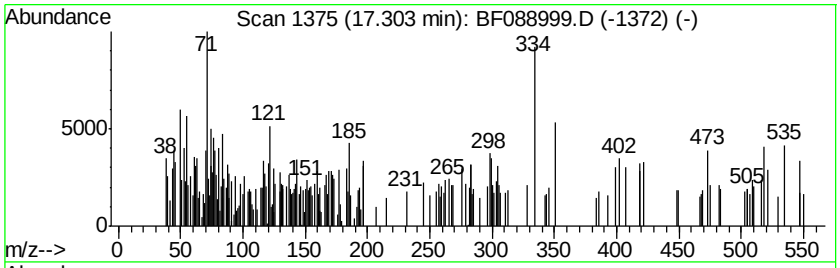
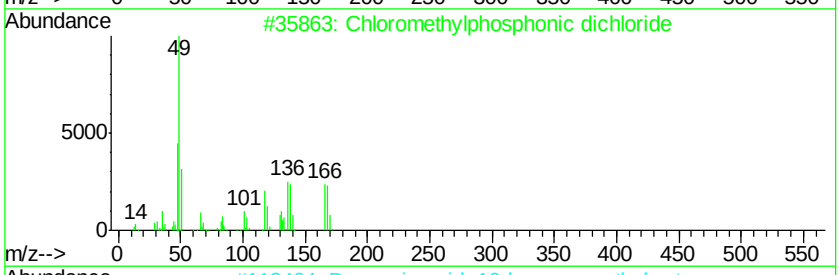
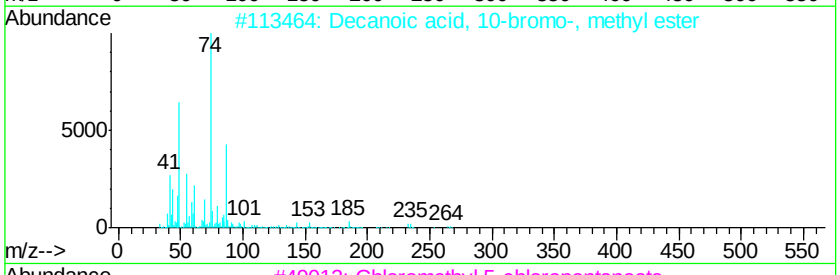
Peak Number 11 unknown17.30 Concentration Rank 11

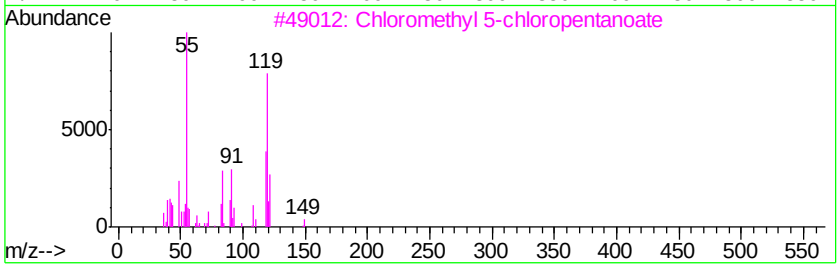
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	11.19 ng	184116	Perylene-d12	15.18

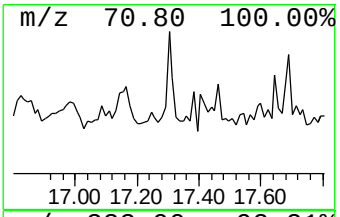
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethylphosphonic dichloride	166	CH2Cl3OP	001983-26-2	22
2	Decanoic acid, 10-bromo-, methyl...	264	C11H21BrO2	026825-94-5	10
3	Chloromethyl 5-chloropentanoate	184	C6H10Cl2O2	080482-35-5	10
4	1-Pentanol, 2,2,3,3,4,4,5,5-octa...	232	C5H4F8O	000355-80-6	10
5	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	9

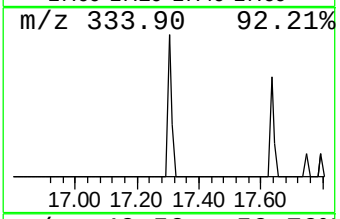


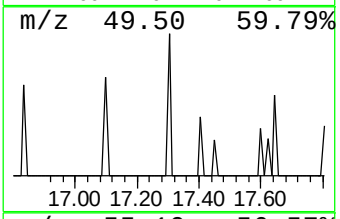


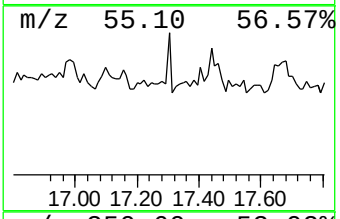


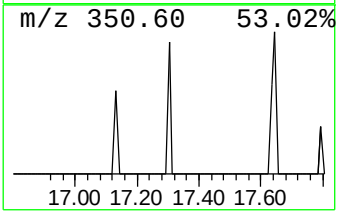












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Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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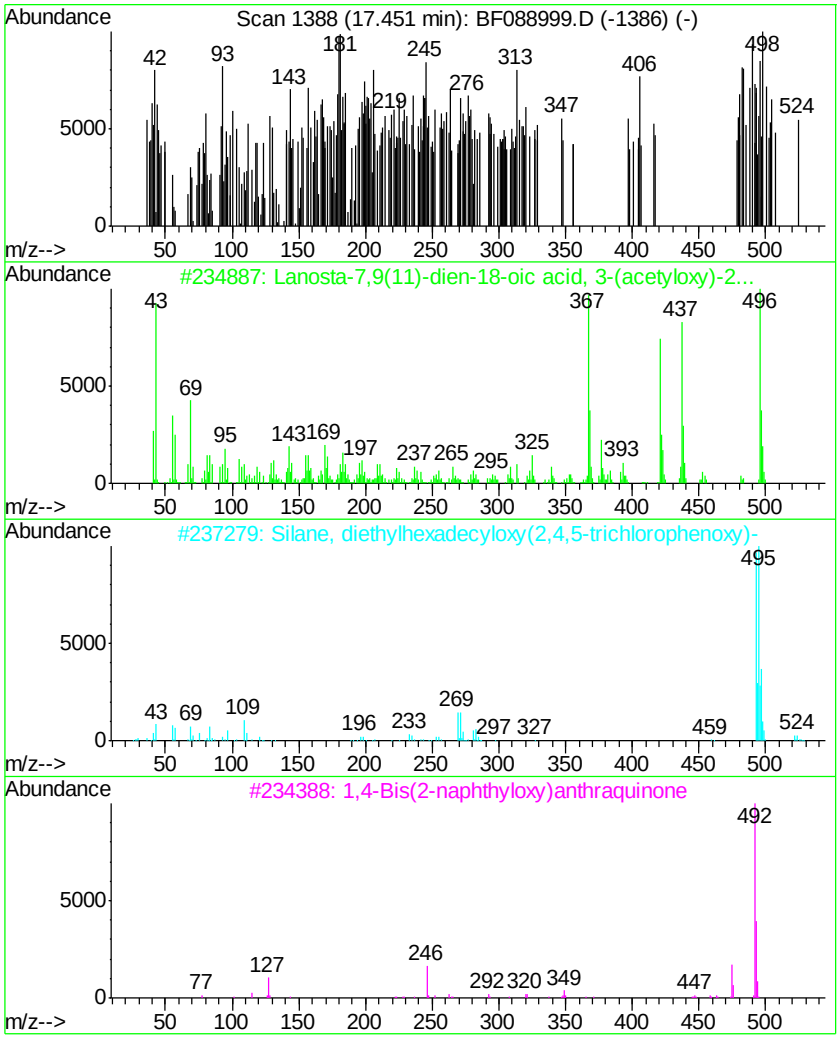
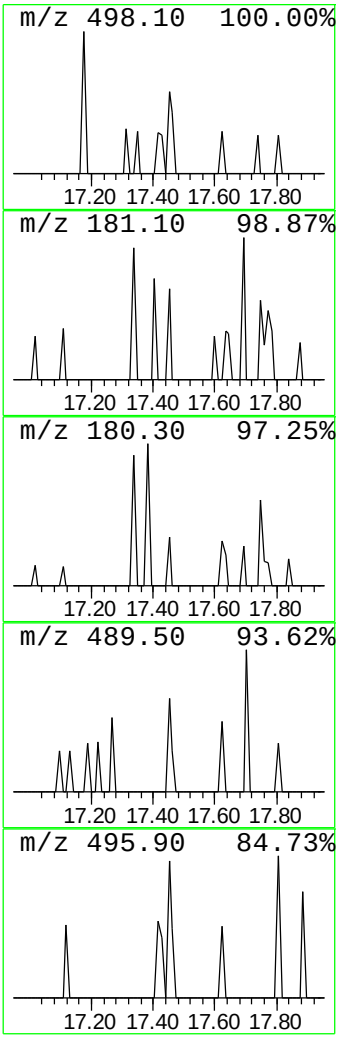
Peak Number 12 unknown17.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	8.66 ng	142409	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lanosta-7,9(11)-dien-18-oic acid...	496	C32H48O4	024041-70-1	10
2	Silane, diethylhexadecyloxy(2,4,...	522	C26H45Cl3O2Si	1000363-36-2	4
3	1,4-Bis(2-naphthyloxy)anthraquinone	492	C34H20O4	1000110-90-5	3
4	2,7-Bis-decyloxy-fluoren-9-one	492	C33H48O3	303736-11-0	3
5	2,8,10,12,18-Pentamethyl-3,7,13,...	492	C33H40N4	105043-42-3	3





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Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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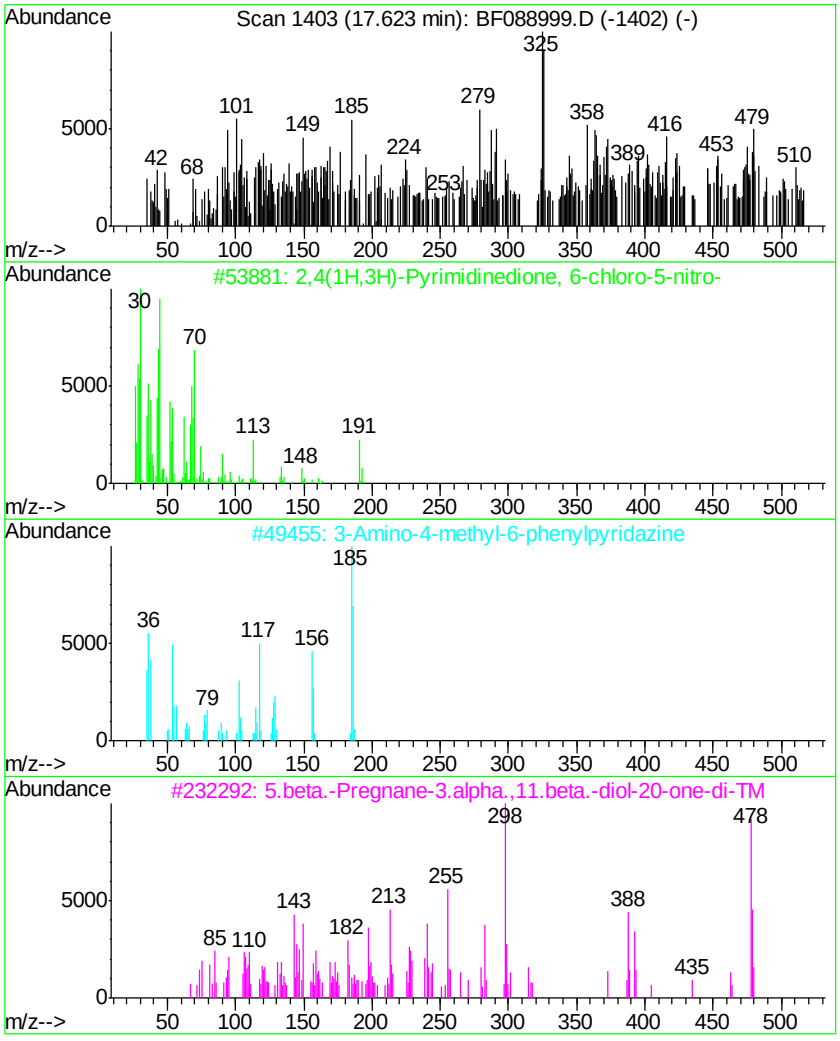
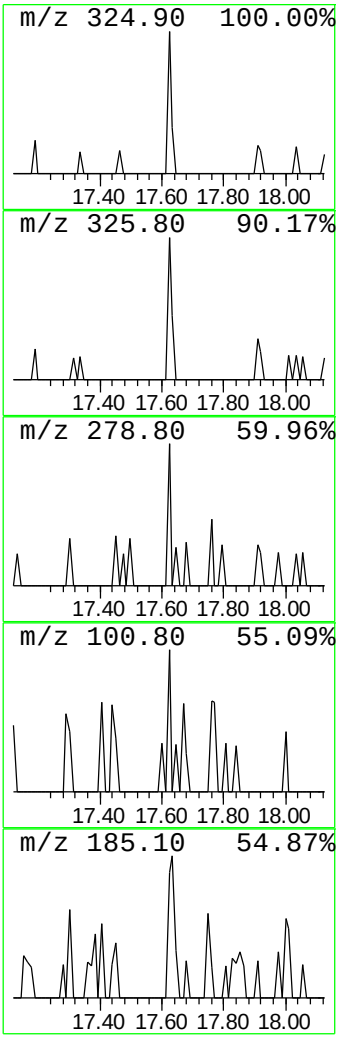
Peak Number 13 unknown17.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	22.76 ng	374445	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 6-ch...	191	C4H2ClN3O4	006630-30-4	11
2	3-Amino-4-methyl-6-phenylpyridazine	185	C11H11N3	081819-90-1	10
3	5.beta.-Pregnane-3.alpha.,11.bet...	478	C27H50O3Si2	1000069-40-1	10
4	Silane, dimethyl(4-isopropoxyphe...	478	C29H54O3Si	1000347-06-5	9
5	2,4-Dichlorophenyl N-(1,2,2,2-te...	369	C9H5Cl6NO2	090607-75-3	6





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Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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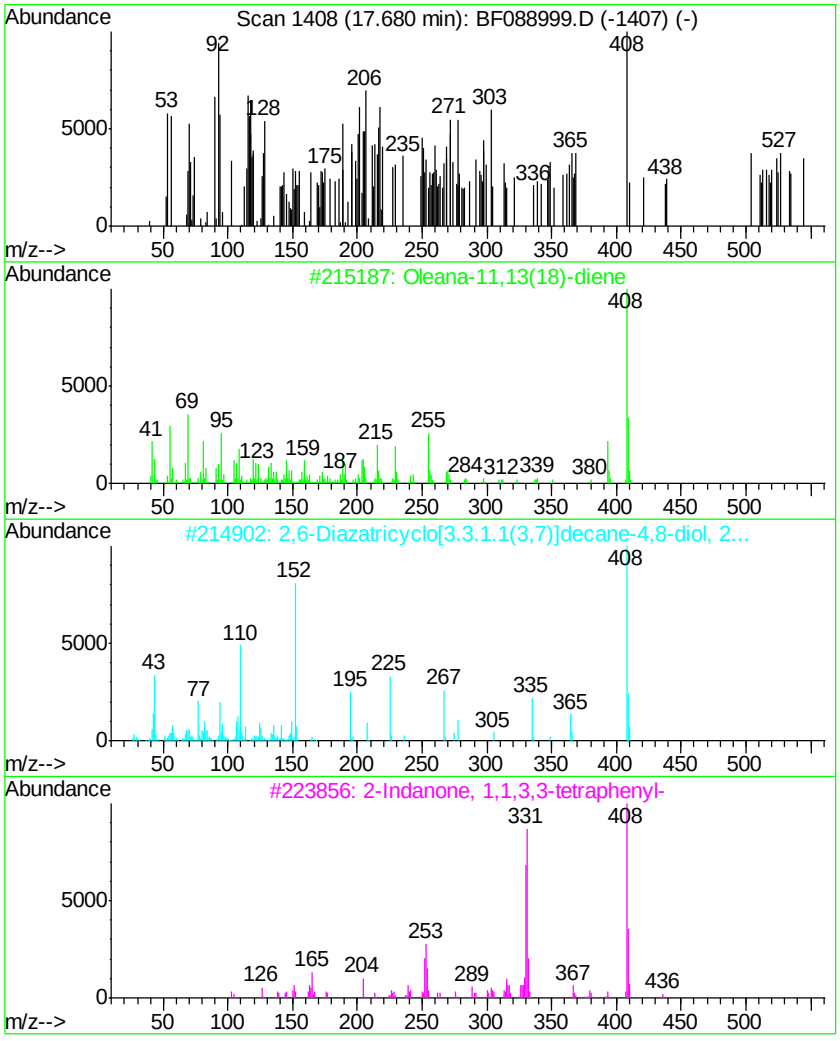
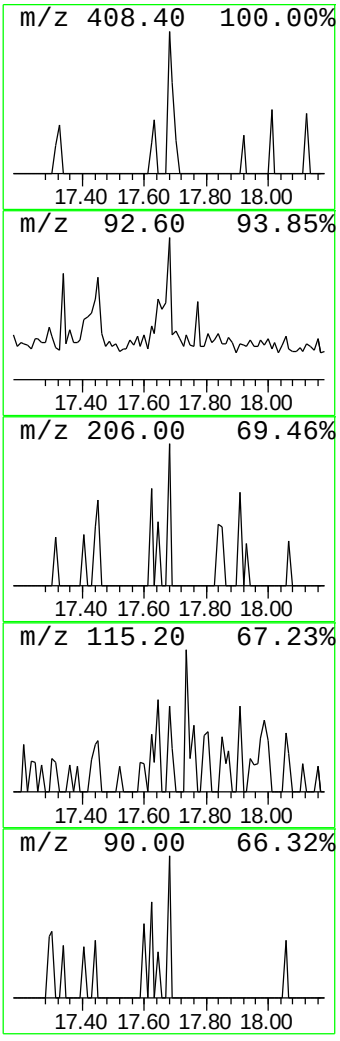
Peak Number 14 unknown17.68 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	10.96 ng	180299	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleana-11,13(18)-diene	408	C30H48	054411-26-6	9
2	2,6-Diazatricyclo[3.3.1.1(3,7)]d...	408	C19H24N2O6S	050267-42-0	9
3	2-Indanone, 1,1,3,3-tetraphenyl-	436	C33H24O	020396-40-1	9
4	l-Methionyl-l-methionine, n-pent...	482	C17H27F5N2O4S2	1000320-41-1	9
5	A:D-Neooleana-12,14-diene, (3.xi...	408	C30H48	055568-86-0	9





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Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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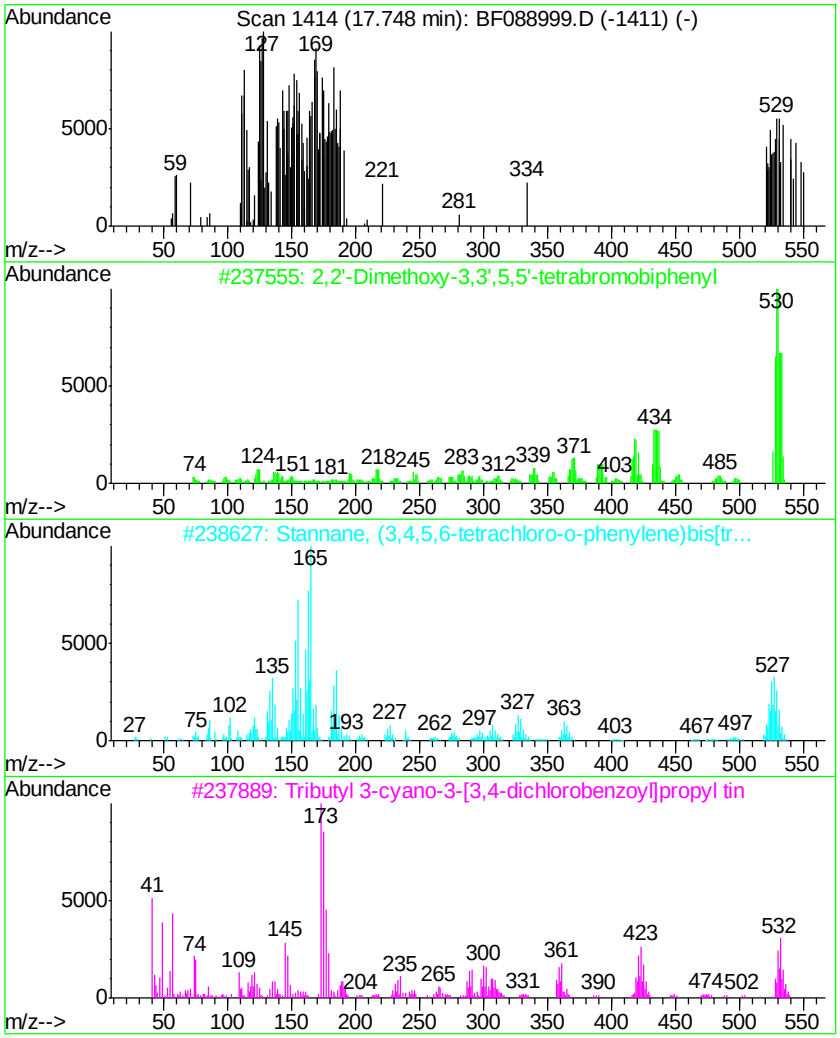
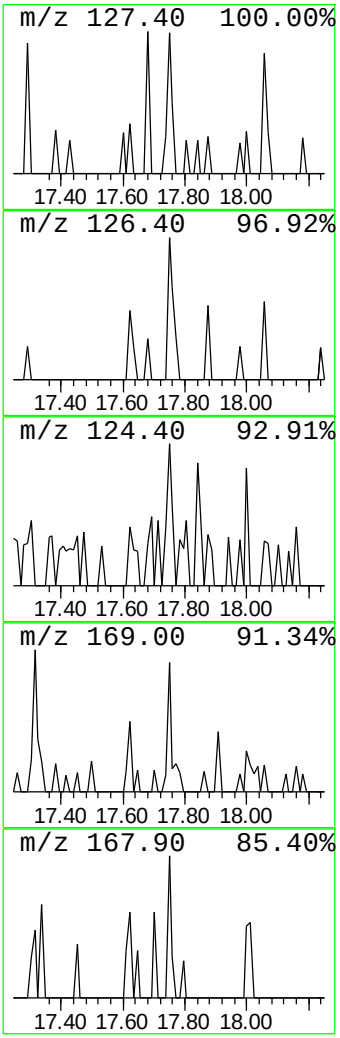
Peak Number 15 unknown17.75 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	12.39 ng	203861	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethoxy-3,3',5,5'-tetrabr...	526	C14H10Br4O2	1000371-50-7	30
2	Stannane, (3,4,5,6-tetrachloro-o...	542	C12H18Cl4Sn2	015725-05-0	14
3	Tributyl 3-cyano-3-[3,4-dichloro...	531	C23H35Cl2NOSn	1000253-30-2	7
4	Phenol, 4,4'-(1-methylethylidene...	540	C15H12Br4O2	000079-94-7	7
5	3,5-Dihydro-3-[[1-methylethyl]im...	540	C29H22F6N4	1000212-69-8	3





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Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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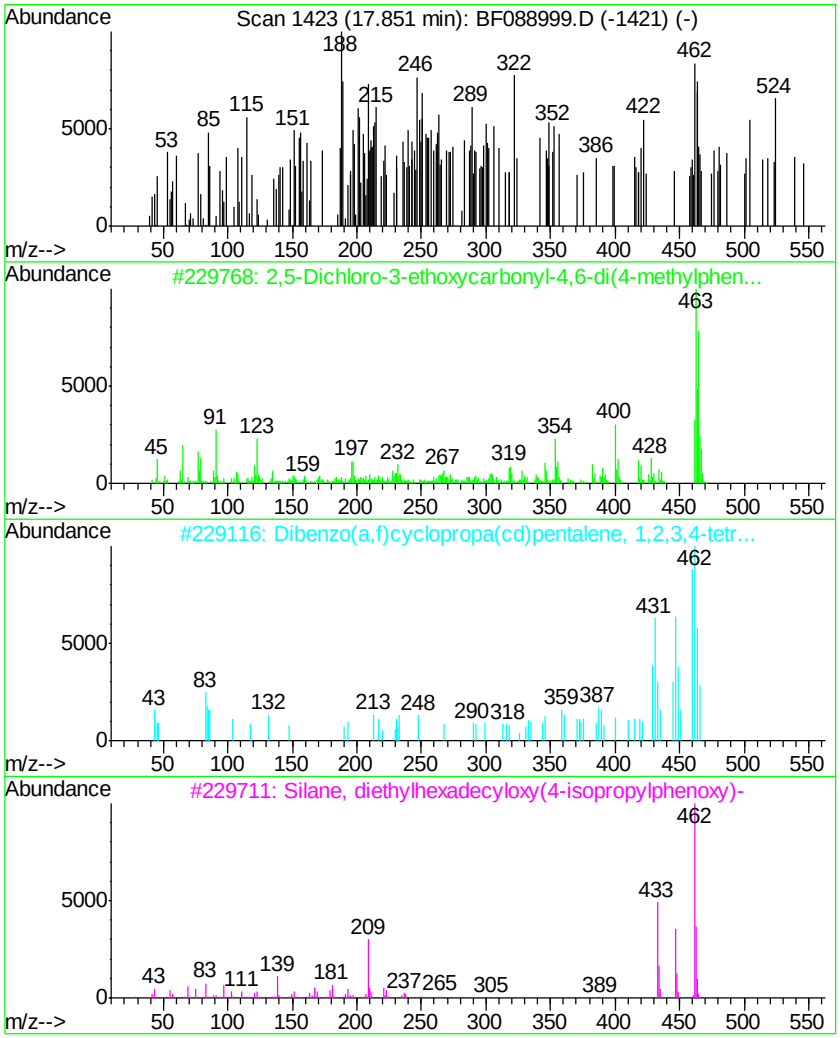
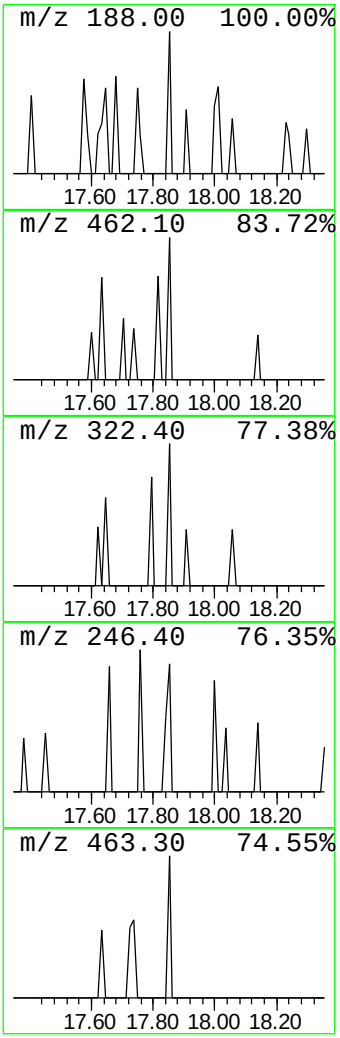
Peak Number 16 unknown17.85 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	6.66 ng	109625	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dichloro-3-ethoxycarbonyl-4,...	463	C22H19Cl2NO2S2	959073-18-8	27
2	Dibenzo(a,f)cyclopropa(cd)pental...	460	C20H16Cl4O4	042187-42-8	11
3	Silane, diethylhexadecyloxy(4-is...	462	C29H54O2Si	1000363-19-8	9
4	2-[(4-Acetyl-phenyl)-hydrazono]-...	463	C22H17N5O5S	1000317-54-7	9
5	4'-Chloro-5-[N-[2-methyl-4-pyrid...	521	C29H32ClN3O4	1000213-37-4	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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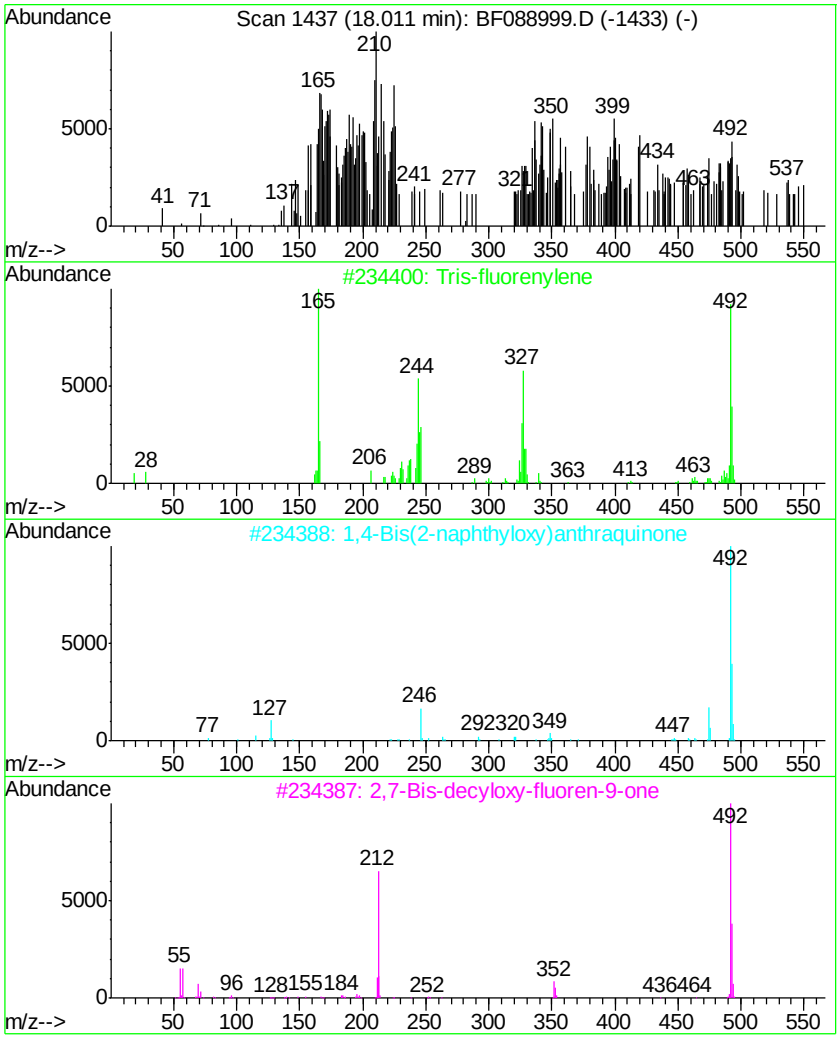
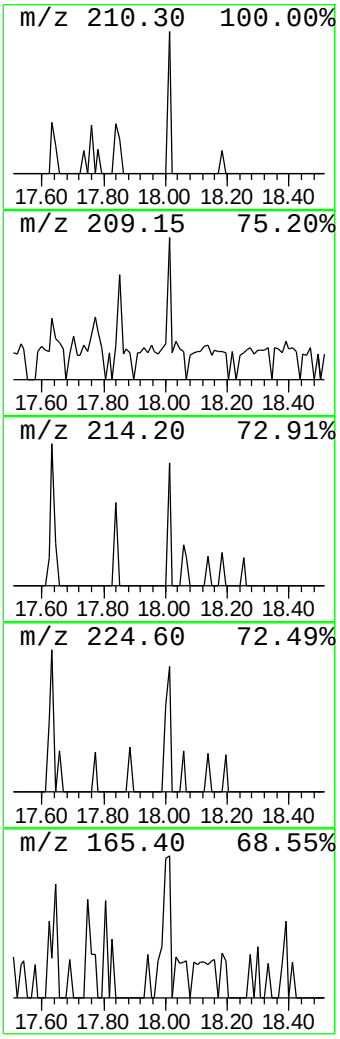
Peak Number 17 unknown18.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	12.82 ng	210883	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris-fluorenylene	492	C39H24	1000286-43-7	10
2	1,4-Bis(2-naphthyloxy)anthraquinone	492	C34H20O4	1000110-90-5	7
3	2,7-Bis-decyloxy-fluoren-9-one	492	C33H48O3	303736-11-0	7
4	2,8,10,12,18-Pentamethyl-3,7,13,...	492	C33H40N4	105043-42-3	7
5	2,7,12,17,21-Pentamethyl-3,8,13,...	492	C33H40N4	015852-83-2	7





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Data File : BF088999.D
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Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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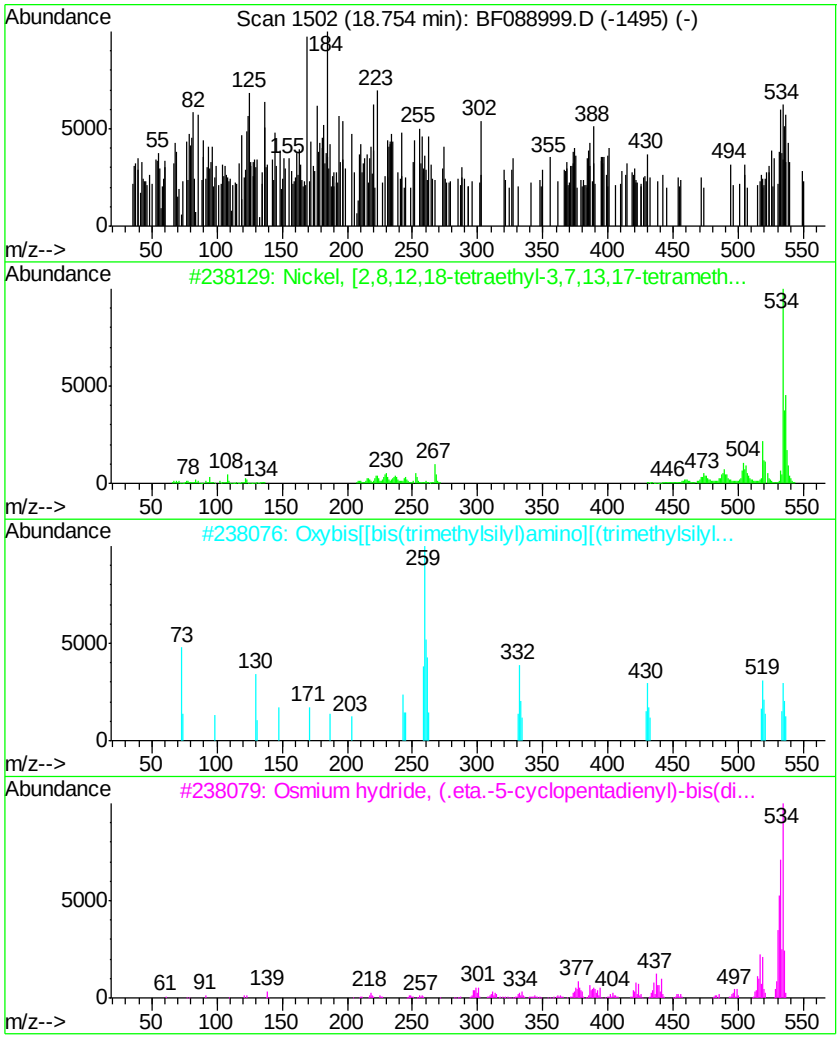
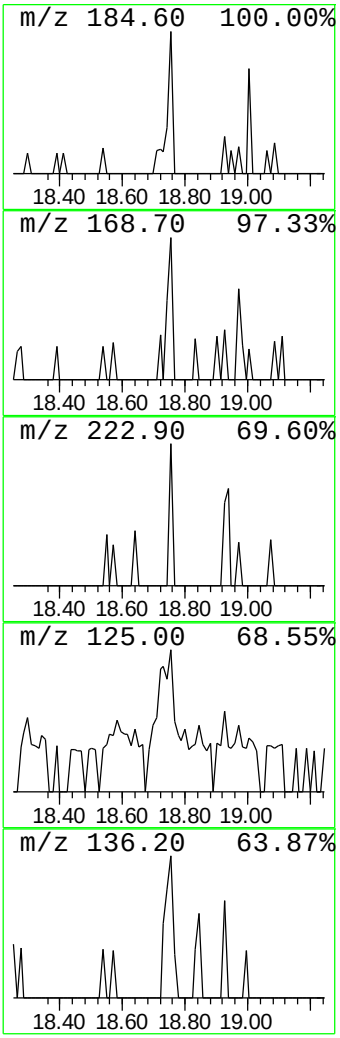
Peak Number 18 unknown18.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	25.19 ng	414367	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nickel, [2,8,12,18-tetraethyl-3,...	534	C32H36N4Ni	022925-21-9	30
2	Oxybis[[bis(trimethylsilyl)amino...	534	C18H56B2N4OSi6	113678-61-8	14
3	Osmium hydride, (.eta.-5-cyclope...	534	C21H28OsP2	1000158-66-2	14
4	Iron, [1,2-ethanediylbis[dipheny...	534	C32H32FeP2	115161-07-4	11
5	5-Isoxazolamine, N-methyl-N,3-di...	532	C36H28N2OSi	135703-02-5	11





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Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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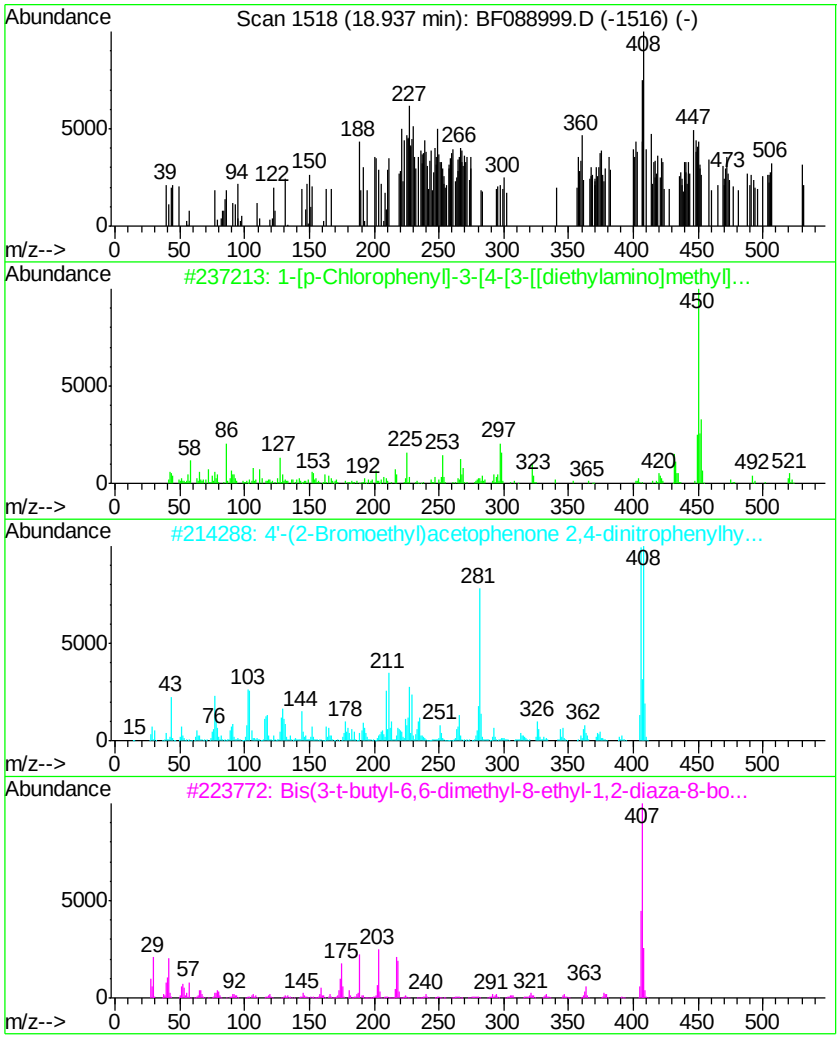
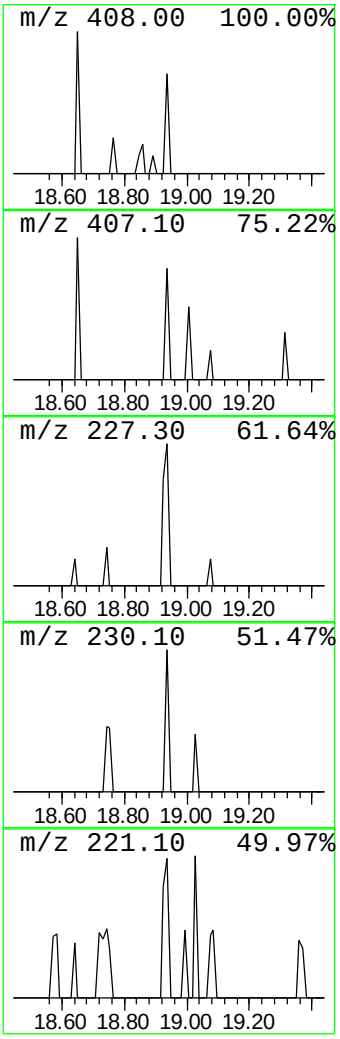
Peak Number 19 unknown18.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	7.86 ng	129301	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[p-Chlorophenyl]-3-[4-[3-[[die...	521	C24H27ClF3N7O	1000254-15-8	9
2	4'-(2-Bromoethyl)acetophenone 2,...	406	C16H15BrN4O4	1000244-32-4	9
3	Bis(3-t-butyl-6,6-dimethyl-8-eth...	436	C26H46B2N4	1000159-31-7	9
4	Pyrido[3,2-b]cholestene, 2',3'-d...	449	C32H51N	1000210-79-5	7
5	Anthraquinone, 1,8-bis[3-iodopro...	576	C20H18I2O4	1000159-48-3	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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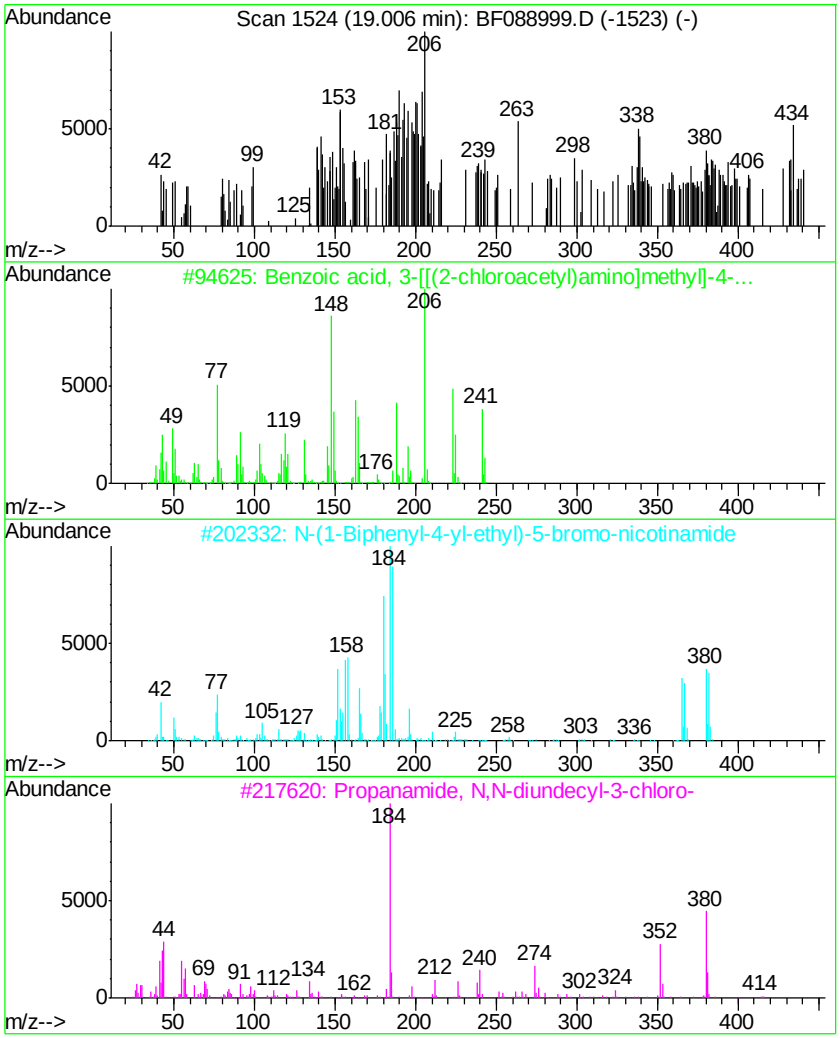
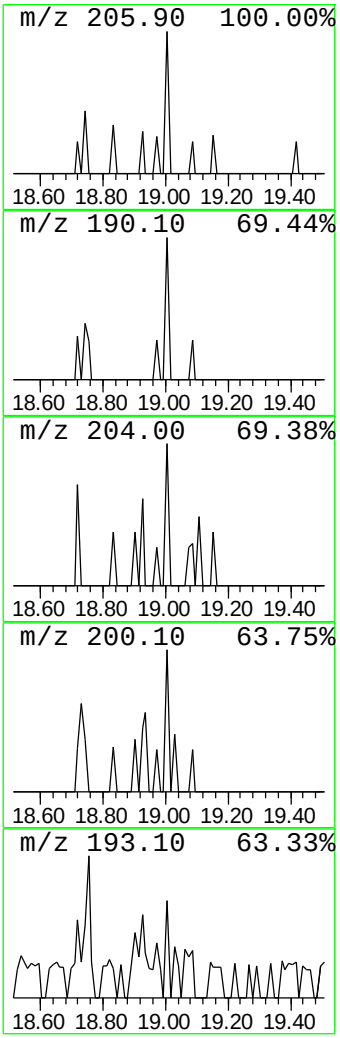
Peak Number 20 unknown19.01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	7.40 ng	121659	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-[[(2-chloroacetyl...	241	C11H12ClNO3	1000337-12-9	10
2	N-(1-Biphenyl-4-yl-ethyl)-5-brom...	380	C20H17BrN2O	1000294-56-6	9
3	Propanamide, N,N-diundecyl-3-chl...	415	C25H50ClNO	1000308-51-0	9
4	1-Selenocoumarin, 3,3'-methylene...	464	C19H12O4Se2	026452-59-5	9
5	Butyric acid, 4-(4-chloro-5-meth...	247	C8H10ClN3O4	1000304-30-9	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF088999.D
Acq On : 14 Jul 2016 21:50
Operator : UM/SJ
Sample : H3996-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C7-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
2-Pentanone, 4-hy...	4.82	10.6	ng	159810	1	6.68	302657	20.0
unknown6.46	6.46	90.5	ng	1369150	1	6.68	302657	20.0
unknown15.92	15.92	7.7	ng	126365	6	15.18	328996	20.0
unknown16.42	16.42	24.2	ng	398769	6	15.18	328996	20.0
unknown16.51	16.51	20.8	ng	342031	6	15.18	328996	20.0
unknown16.65	16.65	11.1	ng	182490	6	15.18	328996	20.0
unknown17.11	17.11	12.4	ng	203227	6	15.18	328996	20.0
unknown17.30	17.30	11.2	ng	184116	6	15.18	328996	20.0
unknown17.45	17.45	8.7	ng	142409	6	15.18	328996	20.0
unknown17.62	17.62	22.8	ng	374445	6	15.18	328996	20.0
unknown17.68	17.68	11.0	ng	180299	6	15.18	328996	20.0
unknown17.75	17.75	12.4	ng	203861	6	15.18	328996	20.0
unknown17.85	17.85	6.7	ng	109625	6	15.18	328996	20.0
unknown18.01	18.01	12.8	ng	210883	6	15.18	328996	20.0
unknown18.75	18.75	25.2	ng	414367	6	15.18	328996	20.0
unknown18.94	18.94	7.9	ng	129301	6	15.18	328996	20.0
unknown19.01	19.01	7.4	ng	121659	6	15.18	328996	20.0