LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

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-BF081715.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	4.753	239	242	245	rBV	609490	879931	58.58%	5.097%
2	5.199	279	281	284	rBV	1032079	1349389	89.83%	7.816%
3	6.273	372	375	377	rVB	1531194	1502090	100.00%	8.700%
4	6.387	383	385	388	rBV	1101199	1296522	86.31%	7.509%
5	6.627	404	406	408	rBV	421480	357508	23.80%	2.071%
6	6.787	417	420	422	rBV	783678	1011918	67.37%	5.861%
7	7.199	453	456	458	rBV	796320	953324	63.47%	5.522%
8	7.907	516	518	521	rBV	382362	429244	28.58%	2.486%
9	8.993	610	613	615	rBV	1740577	1486086	98.93%	8.607%
10	9.393	645	648	650	rVB	224640	228000	15.18%	1.321%
11	9.656	669	671	673	rBV	470221	434619	28.93%	2.517%
12	10.113	709	711	712	rVB	17851	17436	1.16%	0.101%
13	10.445	737	740	742	rVB	636643	696300	46.36%	4.033%
14	10.582	750	752	756	rVB	31081	37515	2.50%	0.217%
15	11.028	788	791	792	rBV	28852	24850	1.65%	0.144%
16	11.131	798	800	802	rBV	464811	399716	26.61%	2.315%
17	11.211	804	807	809	rVB	14244	22520	1.50%	0.130%
18	11.451	826	828	829	rBV	22554	21716	1.45%	0.126%
19	11.485	829	831	833	rVB2	16387	19337	1.29%	0.112%
20	11.645	840	845	847	rBV2	26178	51919	3.46%	0.301%
21	11.679	847	848	852	rVV	96819	141241	9.40%	0.818%
22	11.748	852	854	856	rVB3	53384	79297	5.28%	0.459%
23	11.919	867	869	871	rBV	27876	27963	1.86%	0.162%
24	12.262	896	899	901	rVB3	141748	192169	12.79%	1.113%
25	12.331	903	905	908	rVB	93797	87278	5.81%	0.506%
26	12.399	908	911	913	rBV2	35192	48839	3.25%	0.283%
27	12.445	913	915	917	rVV	170861	177714	11.83%	1.029%
28	12.479	917	918	921	rVB	61798	50923	3.39%	0.295%
29	12.559	922	925	927	rBV	104875	100881	6.72%	0.584%
30	12.605	927	929	931	rBV	53643	52237	3.48%	0.303%
31	12.651	931	933	937	rBV2	45837	73965	4.92%	0.428%
32	12.719	937	939	942	rVB	1046608	1163657	77.47%	6.740%
33	12.811	946	947	951	rVB3	15162	21774	1.45%	0.126%
34	12.902	953	955	956	rVB2	82974	82997	5.53%	0.481%

LSC Area Percent Report

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Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.937	956	958	960	rBV	159353	154689	10.30%	0.896%
36	13.085	969	971	973	rBV	97235	106531	7.09%	0.617%
37	13.119	973	974	977	rVB2	46611	91676	6.10%	0.531%
38	13.188	977	980	983	rVB5	21331	21207	1.41%	0.123%
39	13.257	983	986	987	rBV2	14625	20149	1.34%	0.117%
40	13.302	987	990	994	rVB	137875	176335	11.74%	1.021%
41	13.508	1005	1008	1011	rBV4	43886	51872	3.45%	0.300%
42	13.634	1017	1019	1022	rBV	122206	180271	12.00%	1.044%
43	13.691	1022	1024	1026	rVB3	14613	20785	1.38%	0.120%
44	13.748	1026	1029	1036	rVB3	404031	541810	36.07%	3.138%
45	13.862	1036	1039	1040	rBV2	8139	18918	1.26%	0.110%
46	13.954	1045	1047	1050	rVB3	13733	21452	1.43%	0.124%
47	14.137	1061	1063	1065	rBV2	15196	19547	1.30%	0.113%
48	14.262	1072	1074	1077	rBV2	44991	97777	6.51%	0.566%
49	14.525	1094	1097	1100	rBV	302256	375223	24.98%	2.173%
50	14.605	1103	1104	1107	rVV	32338	34771	2.31%	0.201%
51	14.674	1107	1110	1112	rVV	93912	100917	6.72%	0.585%
52	14.742	1113	1116	1120	rVV	44877	95986	6.39%	0.556%
53	14.834	1122	1124	1126	rVV	83658	140920	9.38%	0.816%
54	14.868	1126	1127	1133	rVV3	80842	145024	9.65%	0.840%
55	14.994	1136	1138	1141	rVV	35431	44637	2.97%	0.259%
56	15.051	1141	1143	1145	rVV	35407	48829	3.25%	0.283%
57	15.108	1145	1148	1150	rVV	180016	275236	18.32%	1.594%
58	15.165	1150	1153	1155	rVB2	18440	27983	1.86%	0.162%
59	15.337	1165	1168	1169	rBV	49763	71781	4.78%	0.416%
60	15.531	1182	1185	1188	rBV	168044	238173	15.86%	1.379%
61	15.588	1188	1190	1192	rVV2	22135	42643	2.84%	0.247%
62	15.737	1200	1203	1206	rVB3	13991	28679	1.91%	0.166%
63	15.863	1212	1214	1219	rVB5	15435	31330	2.09%	0.181%
64	15.954	1219	1222	1225	rVB2	9822	17508	1.17%	0.101%
65	16.194	1240	1243	1247	rBV2	43602	75603	5.03%	0.438%
66	16.331	1252	1255	1257	rBV2	10979	23851	1.59%	0.138%
67	16.445	1262	1265	1268	rBV	49370	97520	6.49%	0.565%
68	16.697	1284	1287	1289	rBV	10179	20070	1.34%	0.116%
69	16.845	1296	1300	1307	rVB7	21487	65594	4.37%	0.380%
70	17.246	1330	1335	1337	rBV5	6356	19809	1.32%	0.115%
71	17.383	1343	1347	1353	rVB3	15868	46809	3.12%	0.271%

LSC Area Percent Report

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Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.680	1370	1373	1381	rVB4	13875	57516	3.83%	0.333%
73	18.068	1403	1407	1413	rBV4	28834	76502	5.09%	0.443%
74	18.709	1459	1463	1468	rBV7	4608	18442	1.23%	0.107%

Sum of corrected areas: 17265250

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
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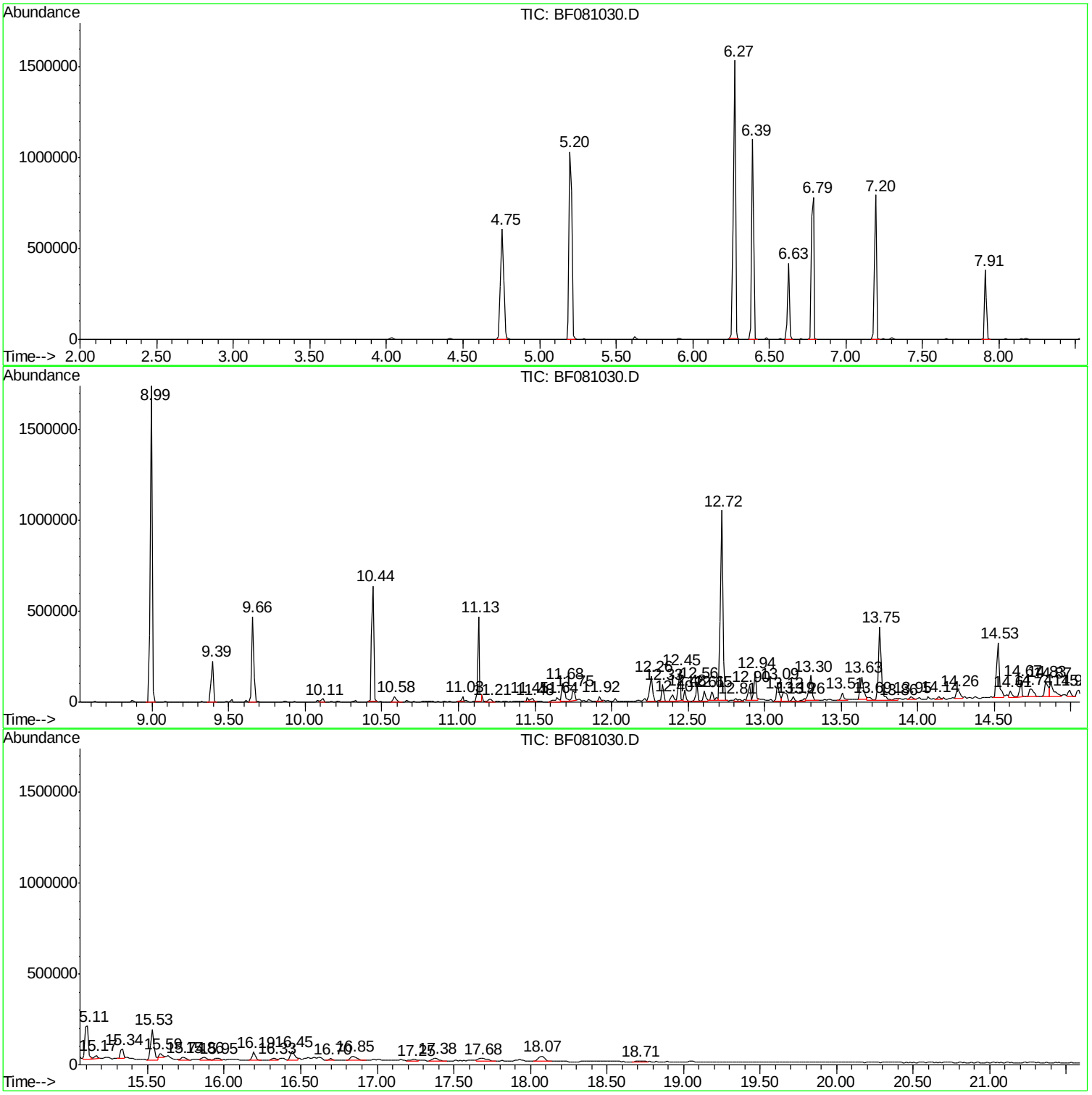
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

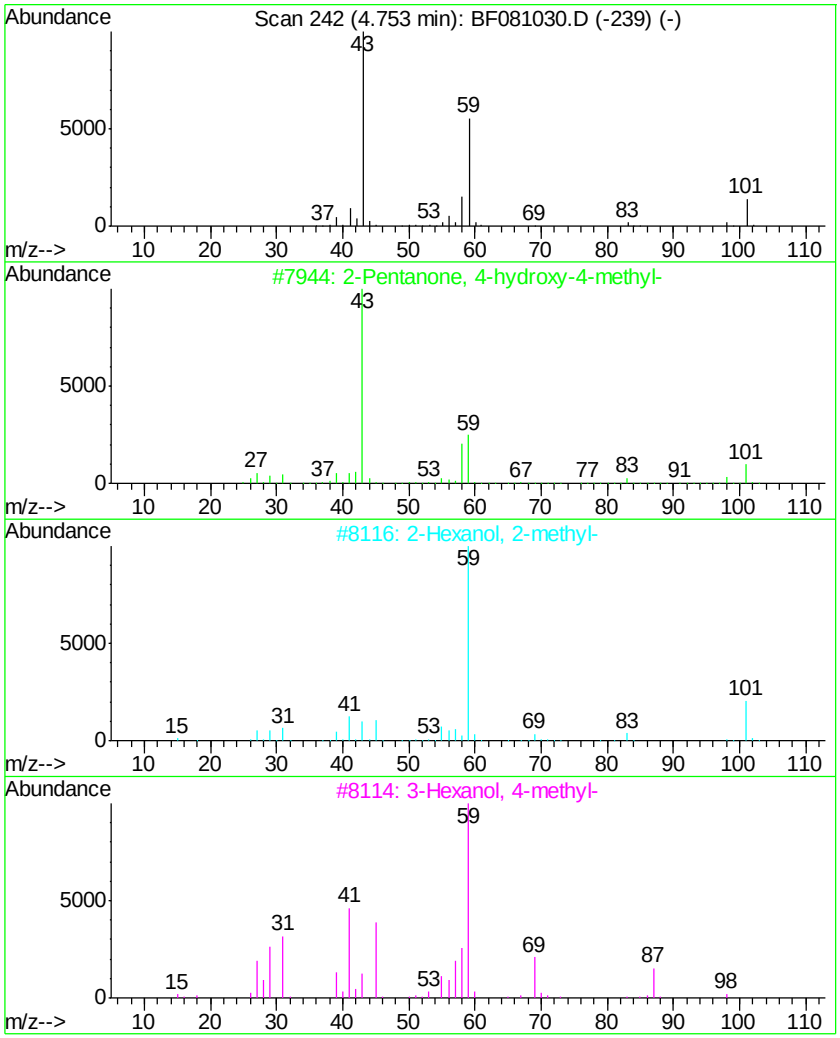
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

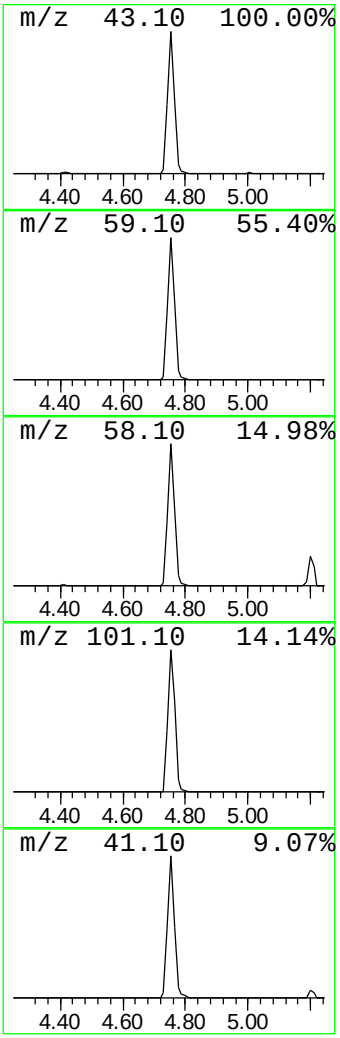
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	49.23 ng	879931	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

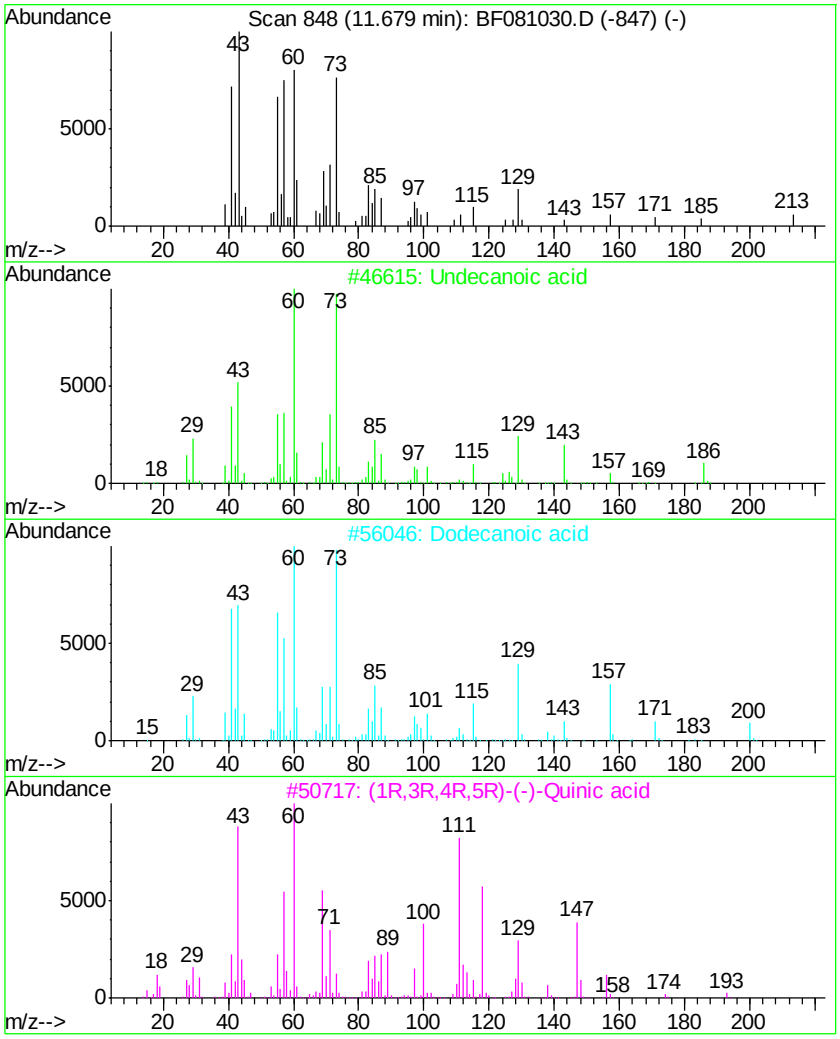
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

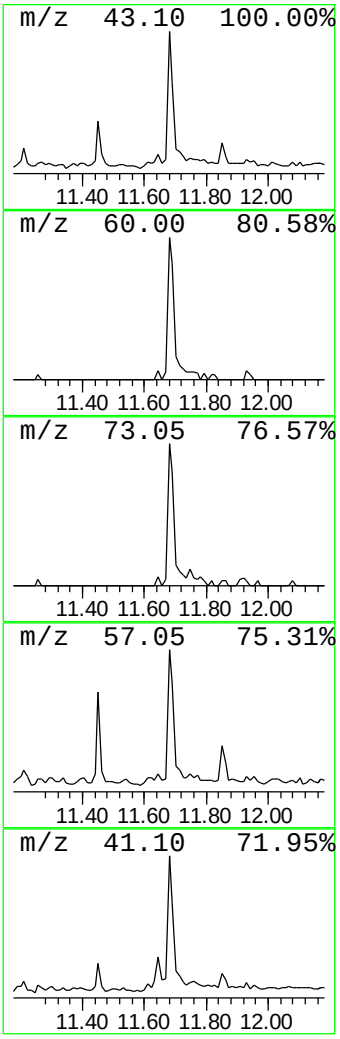
****

Peak Number 4 Undecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.07 ng	141241	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	(1R,3R,4R,5R)-(-)-Quinic acid	192	C7H12O6	000077-95-2	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

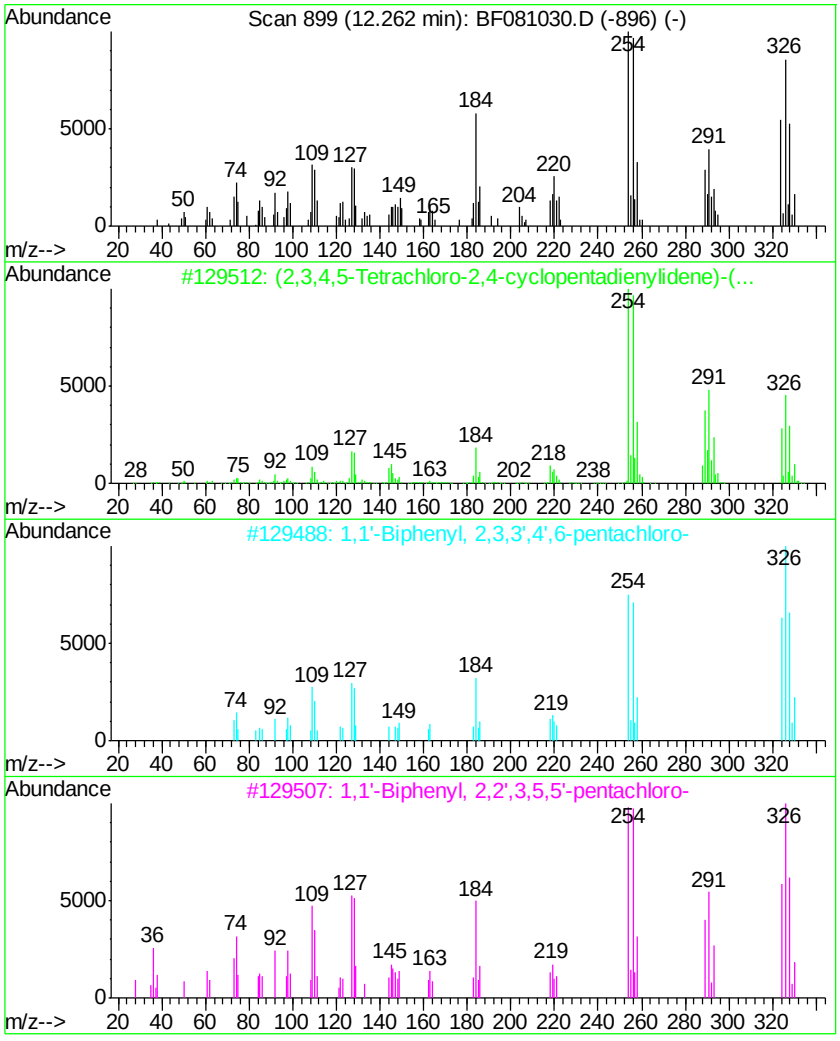
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

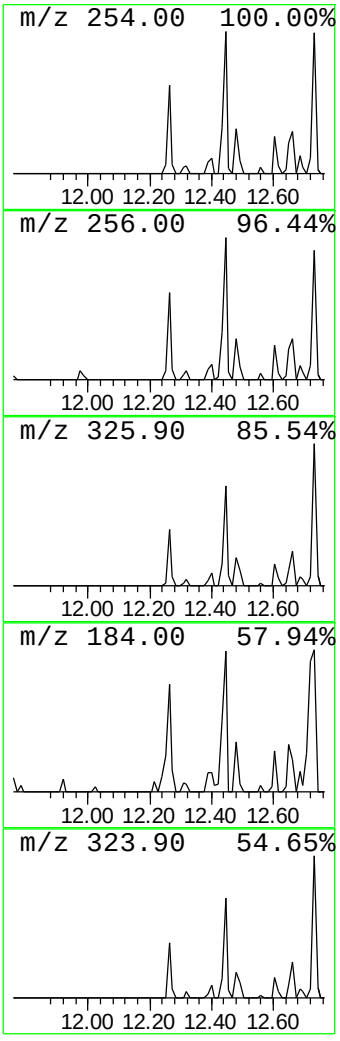
****

Peak Number 5 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	9.62 ng	192169	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98





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Sample : G3310-07
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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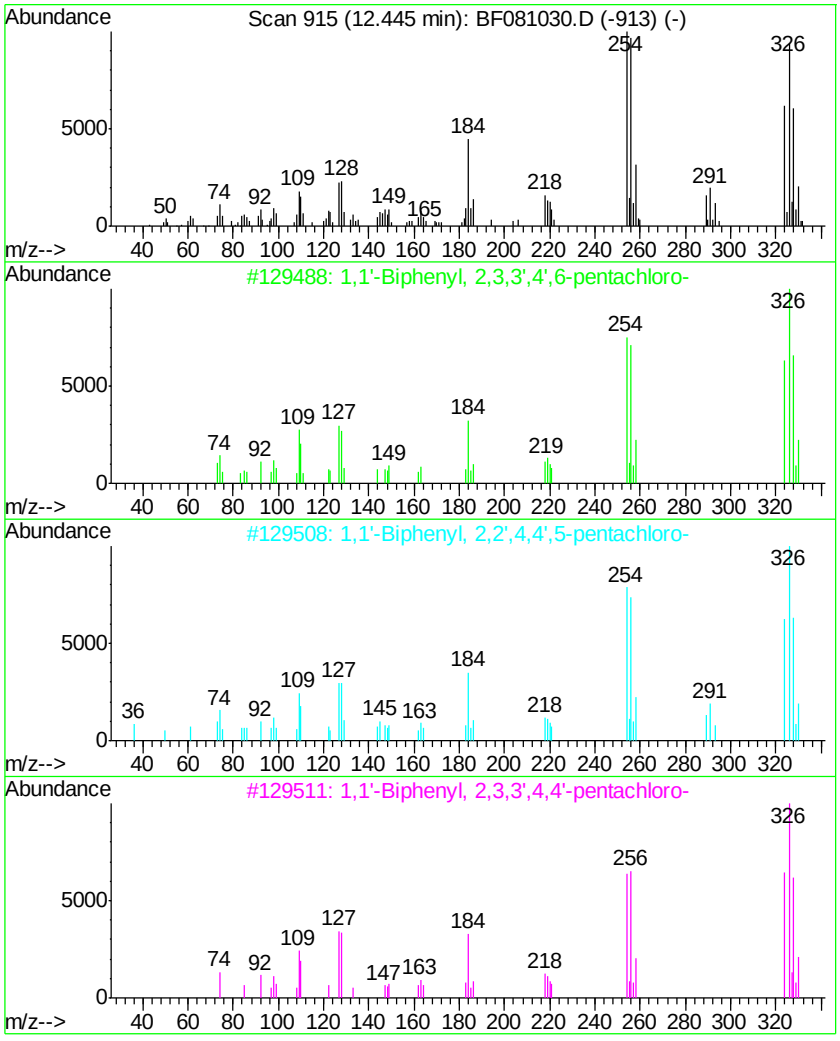
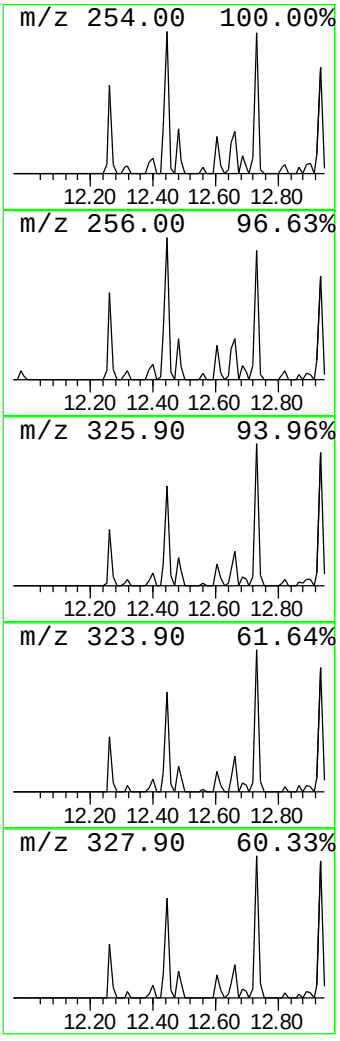
Peak Number 6 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.56 ng	177714	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

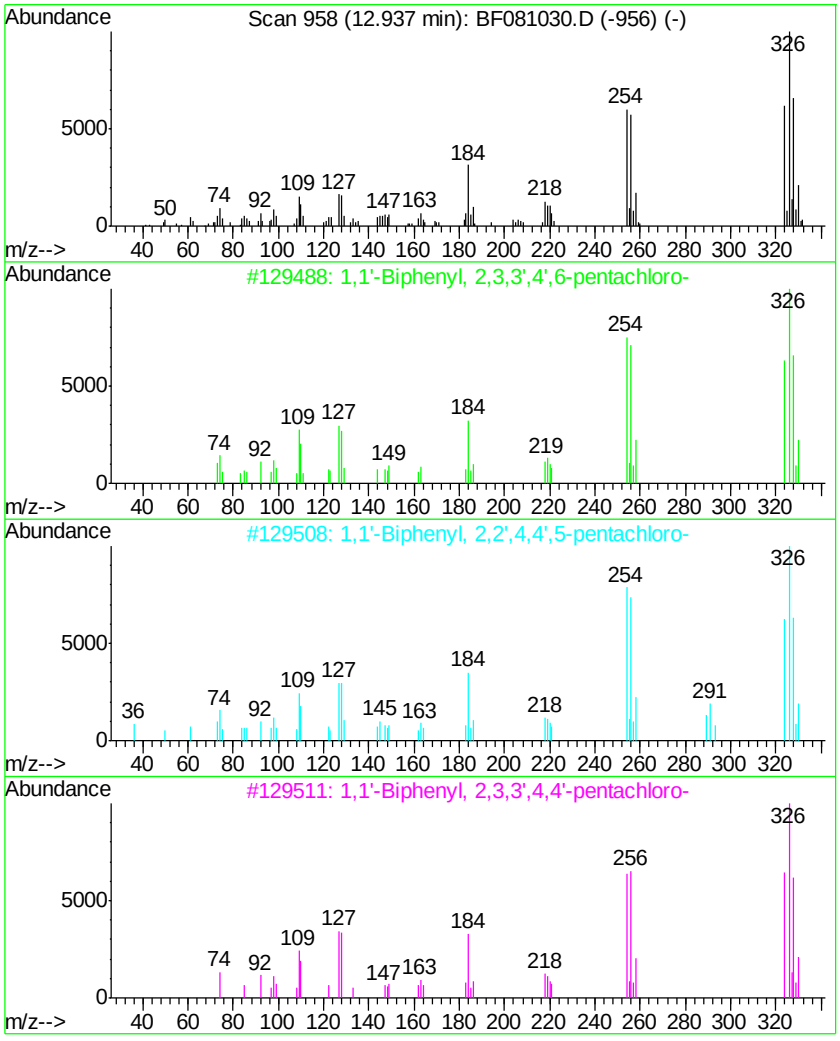
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

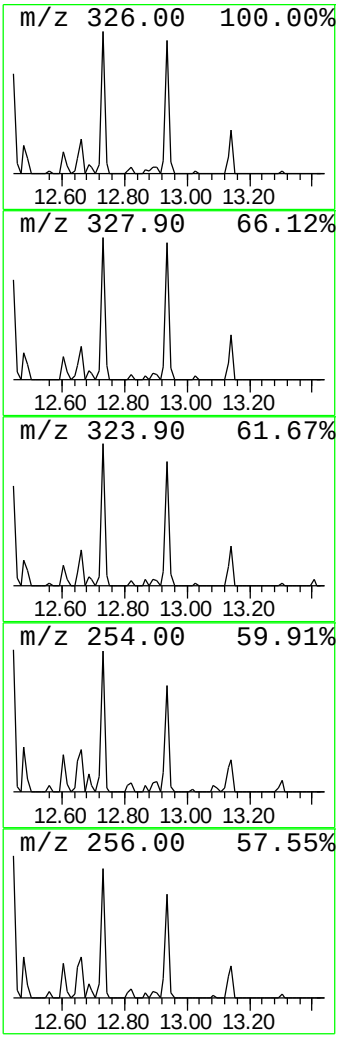
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	5.71 ng	154689	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

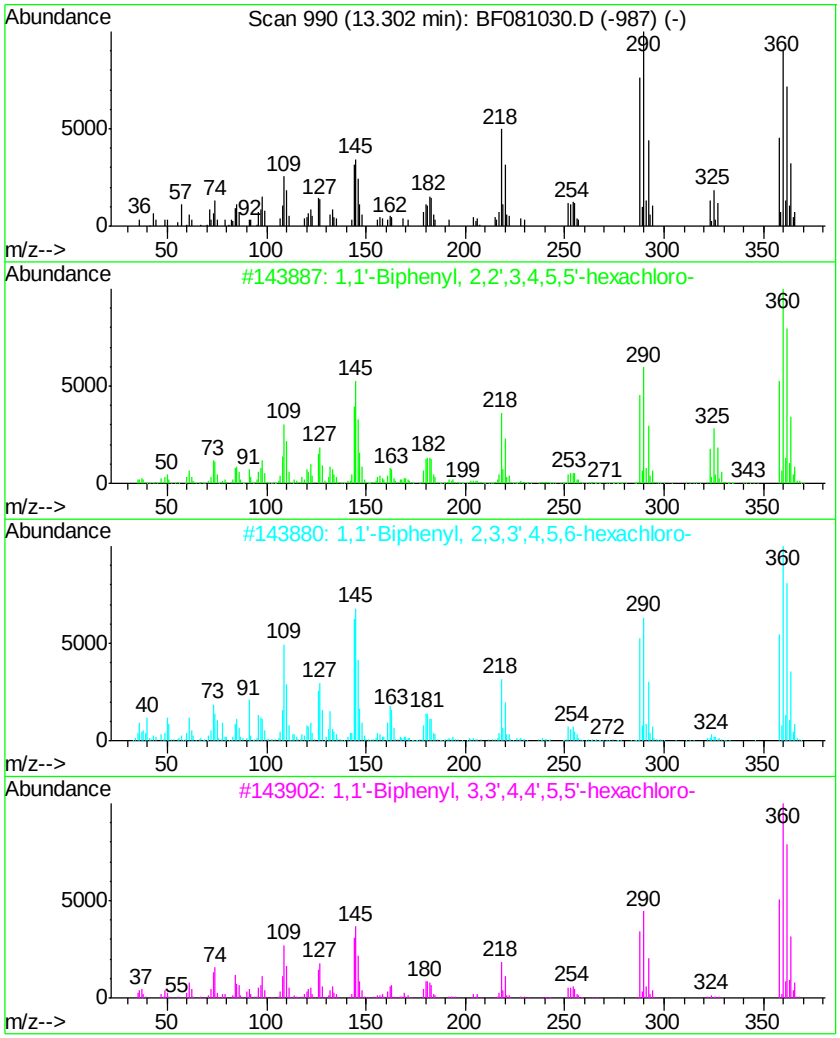
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

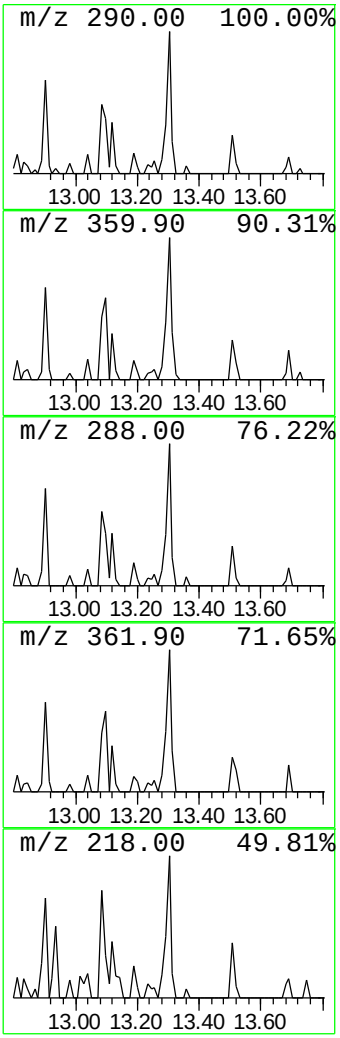
****

Peak Number 8 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	6.51 ng	176335	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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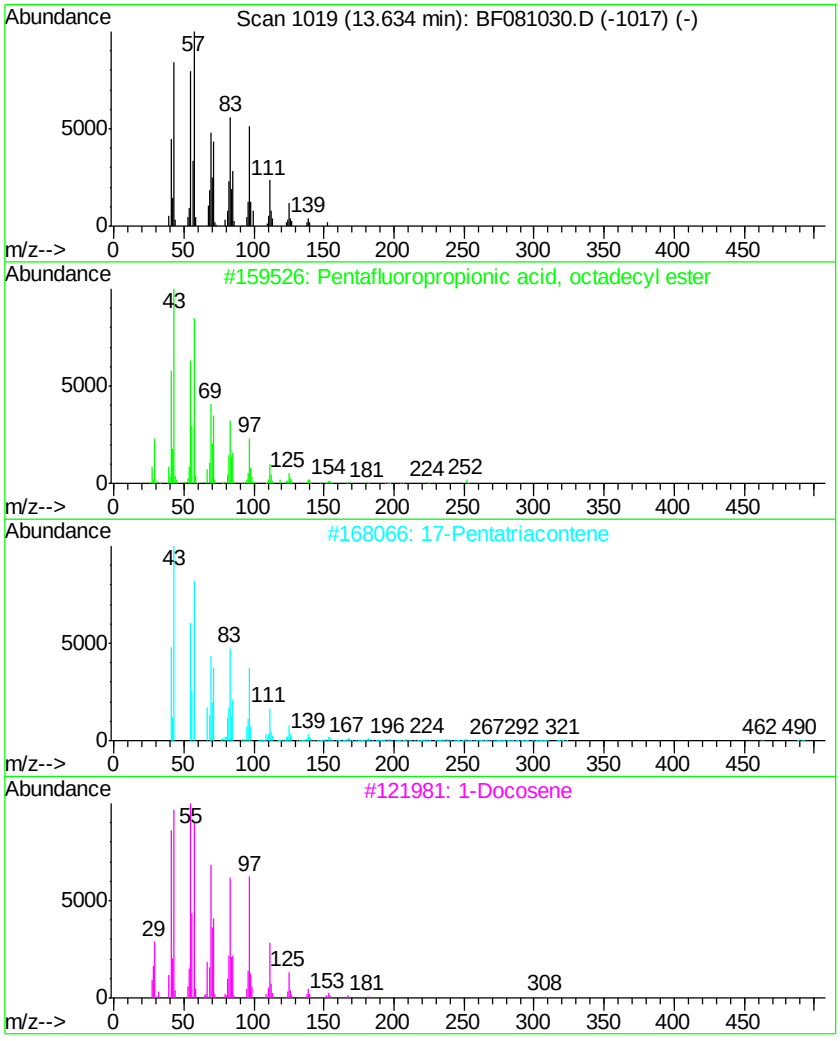
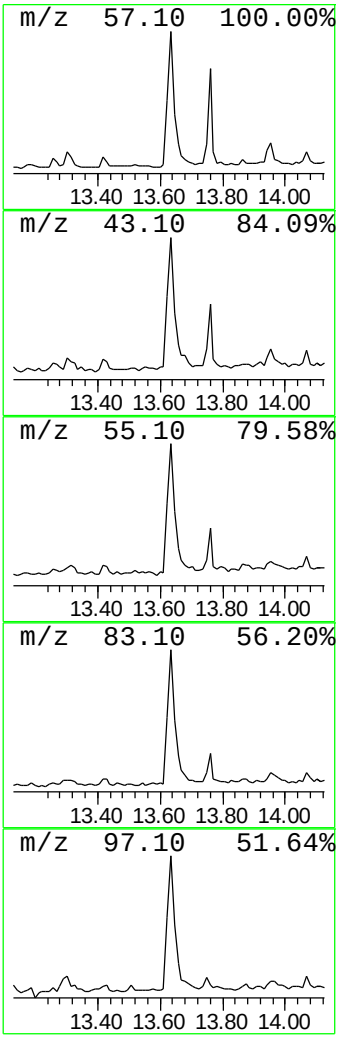
Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.65 ng	180271	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Docosene	308	C22H44	001599-67-3	81
4	1-Hexacosanol	382	C26H54O	000506-52-5	72
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70





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Sample : G3310-07
Misc :
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Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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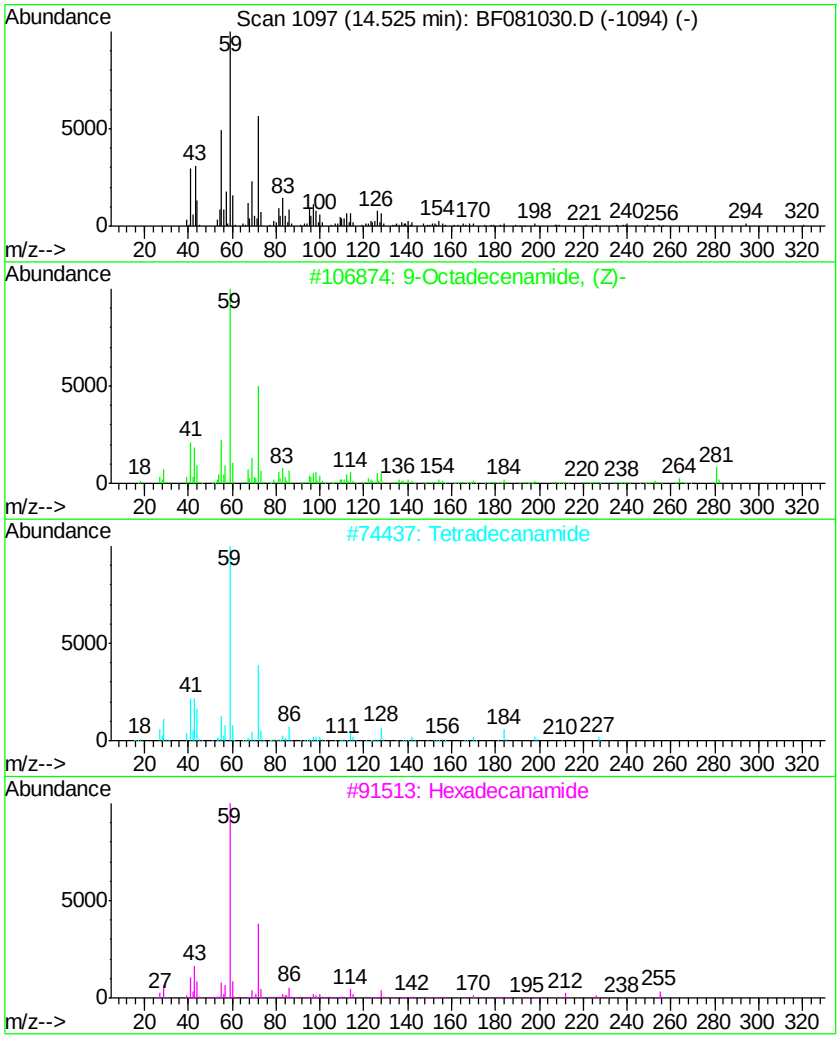
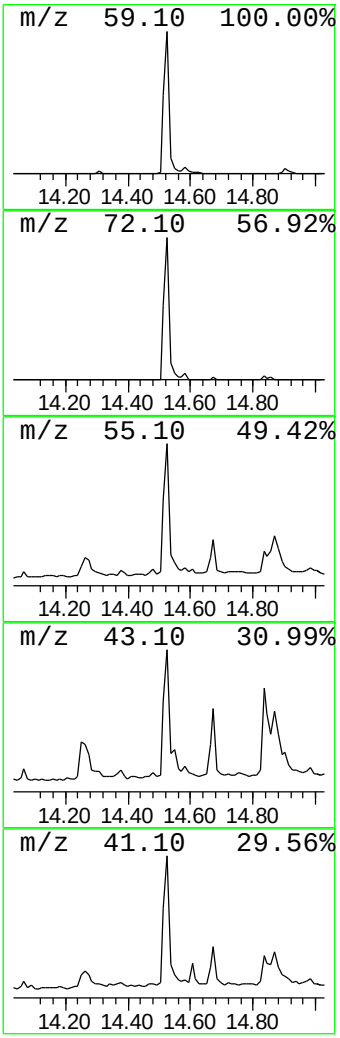
Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	27.27 ng	375223	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Octadecanamide	283	C18H37NO	000124-26-5	59
5	Octanamide	143	C8H17NO	000629-01-6	53





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Sample : G3310-07
Misc :
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ClientSampleId : P001-DS04-0012-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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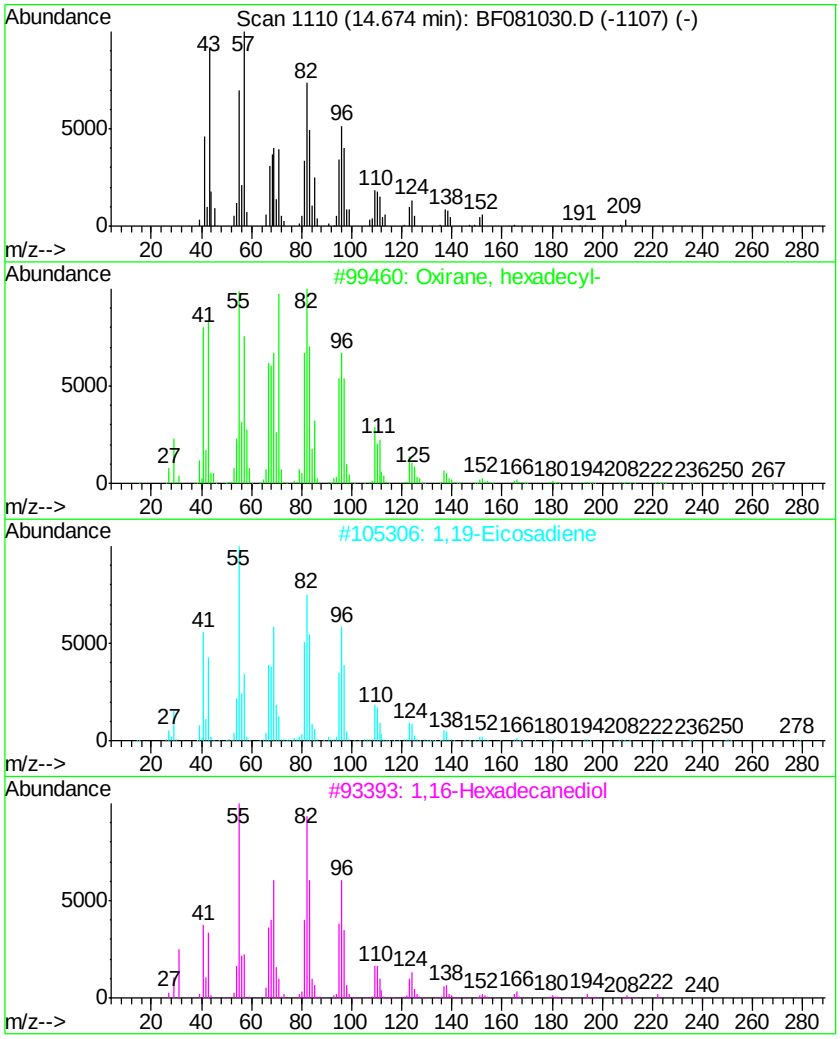
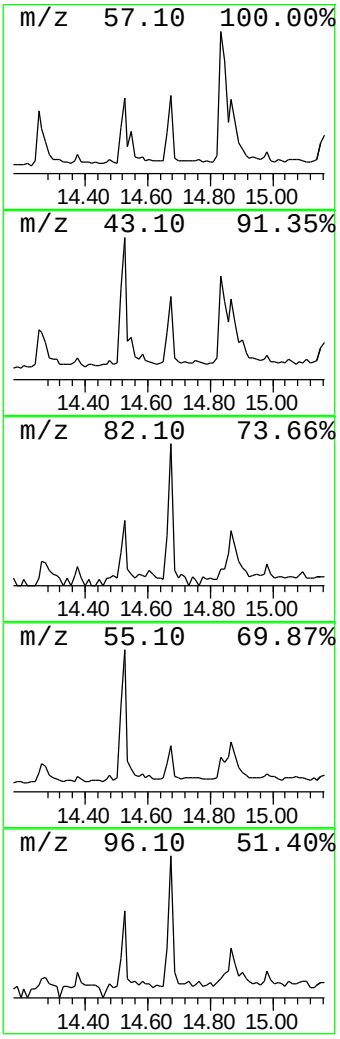
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.33 ng	100917	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	1,19-Eicosadiene	278	C20H38	014811-95-1	74
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	68
4	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	64
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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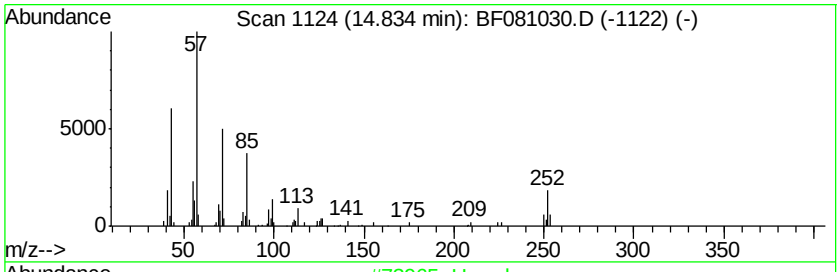
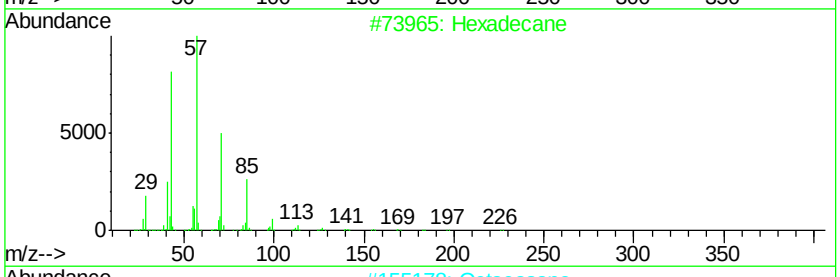
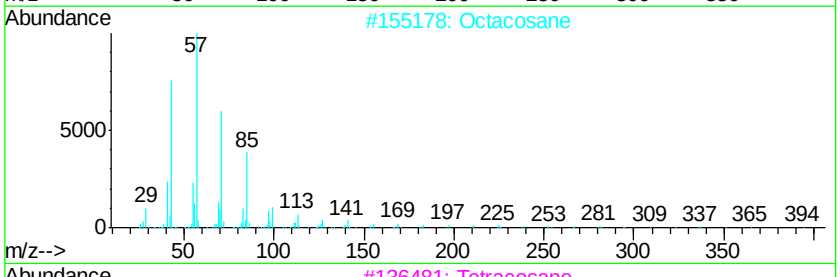
Peak Number 12 Hexadecane Concentration Rank 7

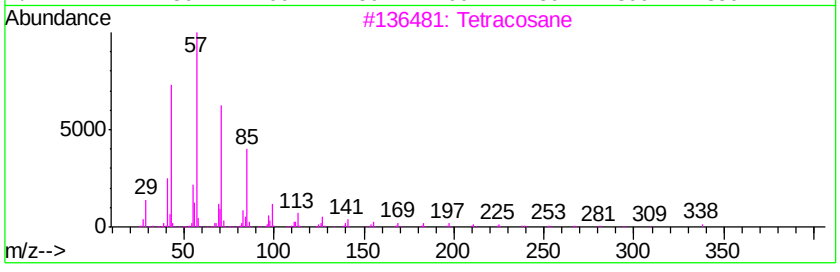
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	10.24 ng	140920	Perylene-d12	15.11

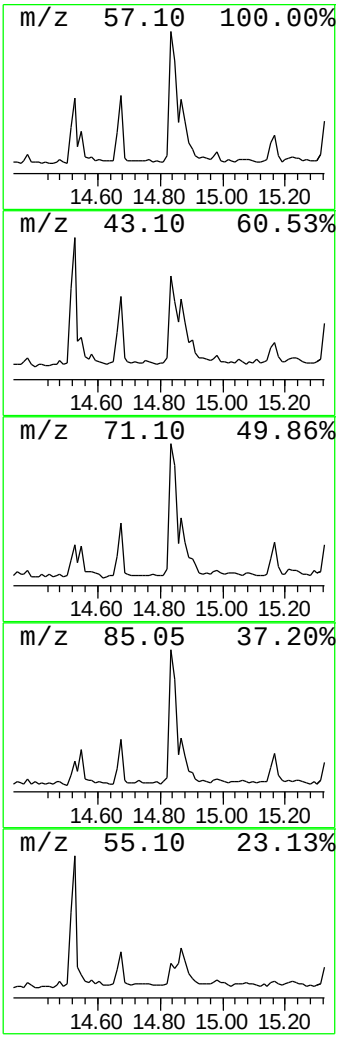
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octacosane	394	C28H58	000630-02-4	81
3	Tetracosane	338	C24H50	000646-31-1	74
4	Eicosane	282	C20H42	000112-95-8	74
5	Pentadecane	212	C15H32	000629-62-9	72











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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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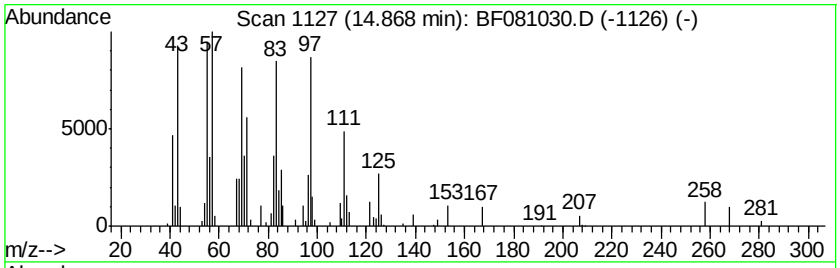
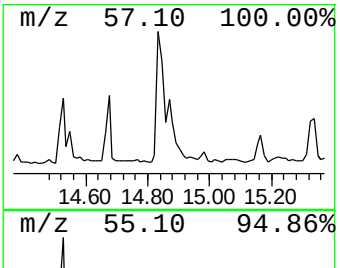
Peak Number 13 Trichloroacetic acid, tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	10.54 ng	145024	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	86
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68
3	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	56
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	49
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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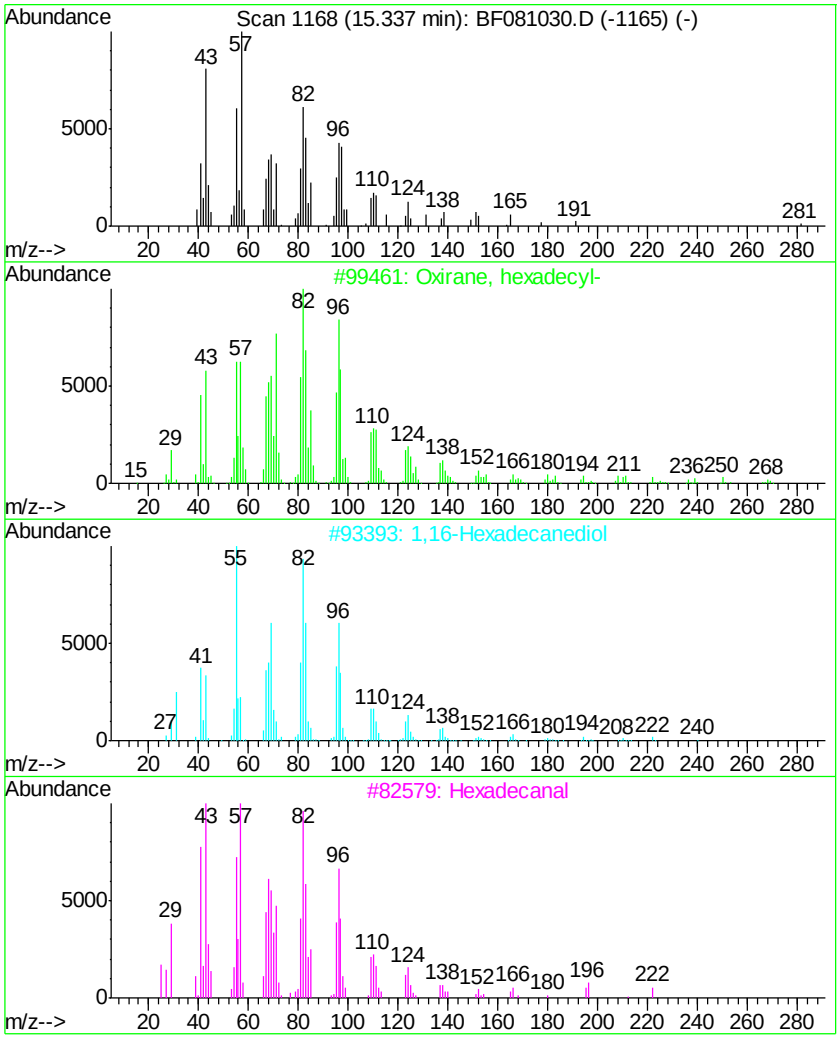
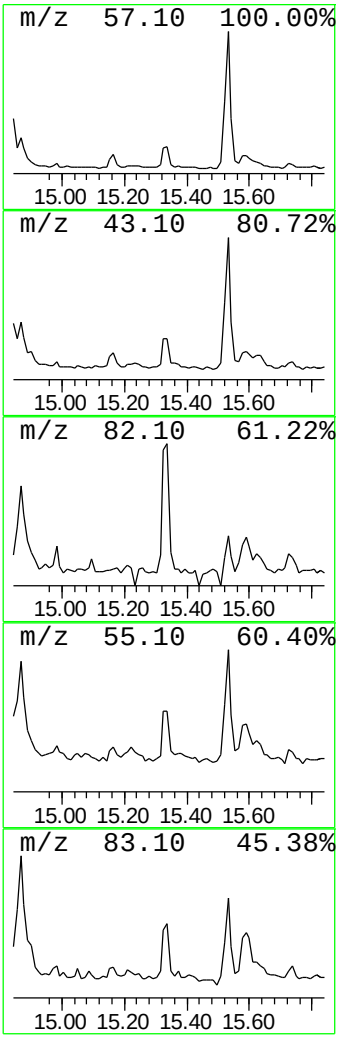
Peak Number 14 1,16-Hexadecanediol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.22 ng	71781	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	72
3	Hexadecanal	240	C16H32O	000629-80-1	72
4	Octadecanal	268	C18H36O	000638-66-4	68
5	15-Octadecenal	266	C18H34O	056554-93-9	52





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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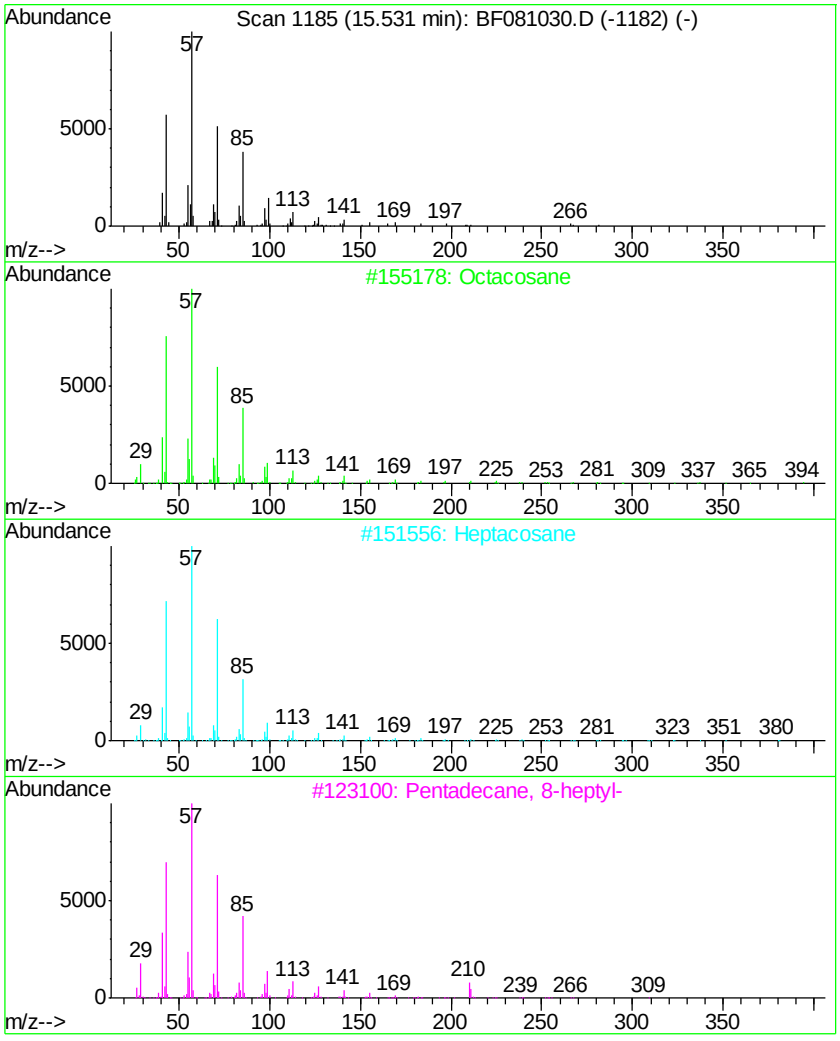
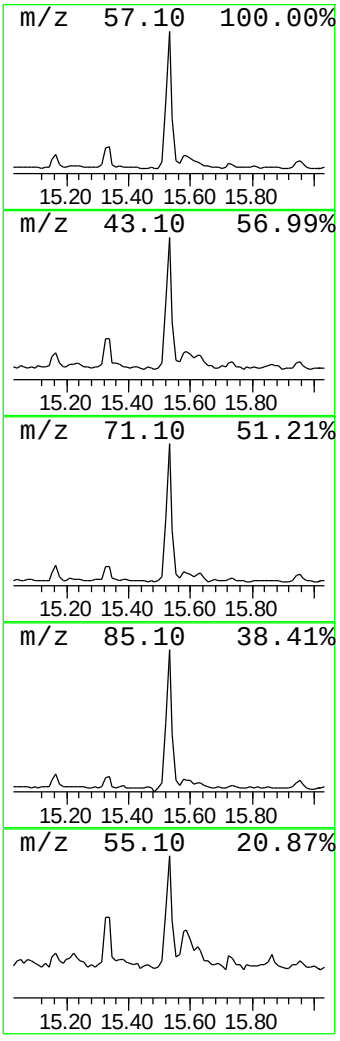
Peak Number 15 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	17.31 ng	238173	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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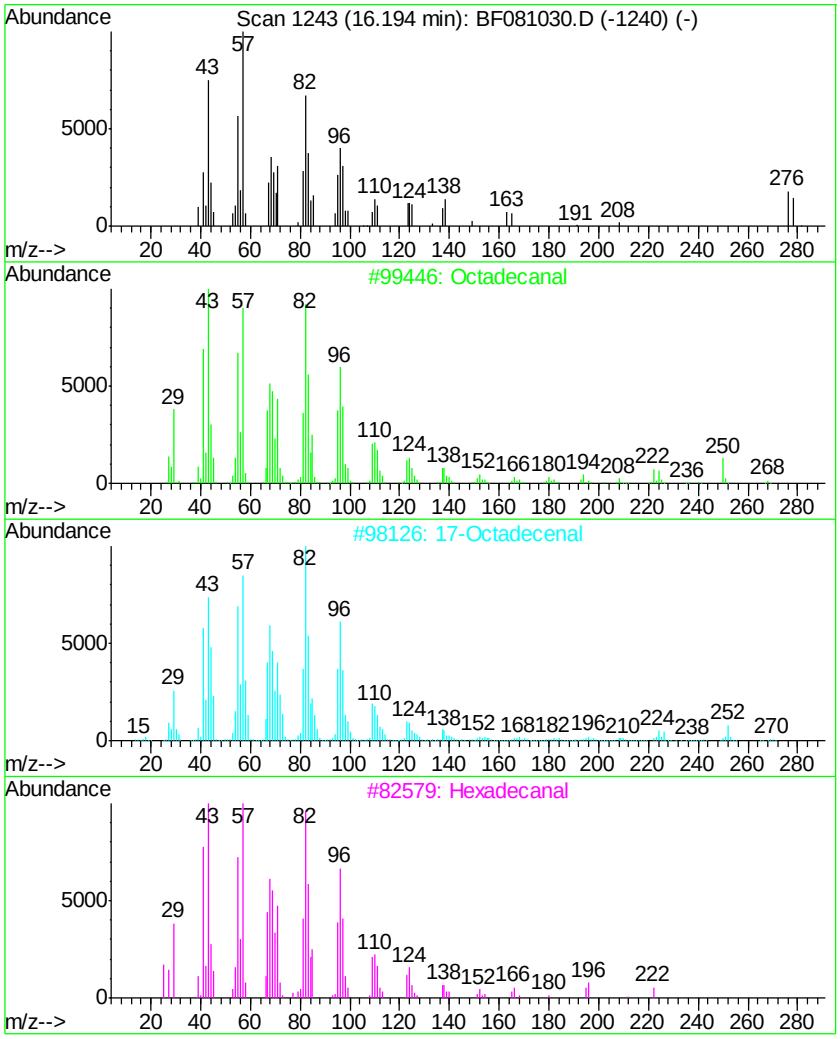
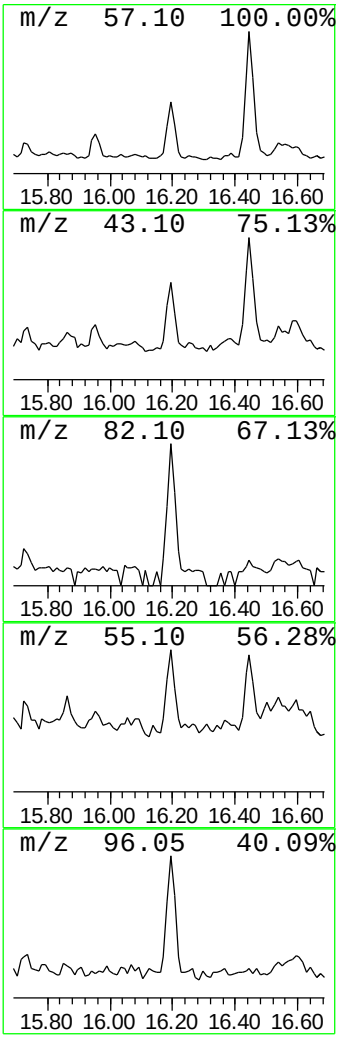
Peak Number 16 Octadecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.49 ng	75603	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	70
2	17-Octadecenal	266	C18H34O	056554-86-0	62
3	Hexadecanal	240	C16H32O	000629-80-1	62
4	16-Octadecenal	266	C18H34O	056554-87-1	62
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	58





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Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : P001-DS04-0012-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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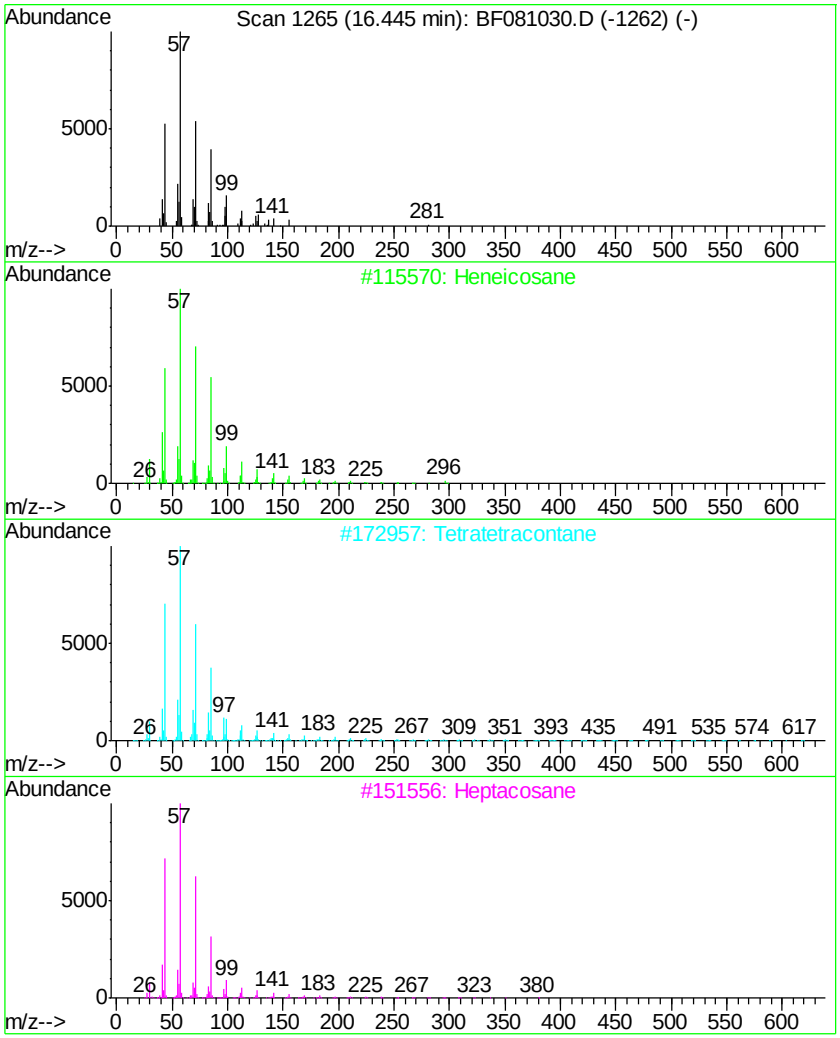
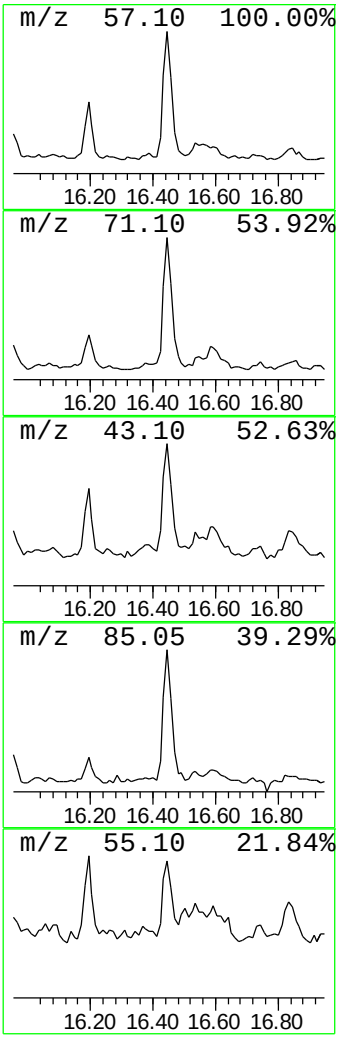
Peak Number 17 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	7.09 ng	97520	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Octacosane	394	C28H58	000630-02-4	90





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Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : P001-DS04-0012-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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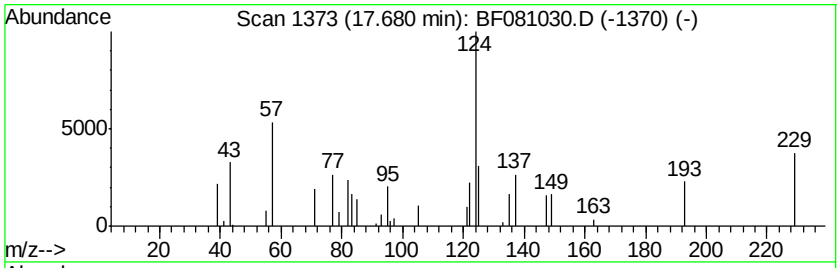
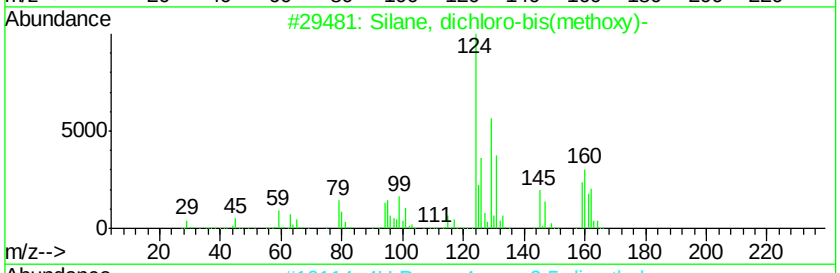
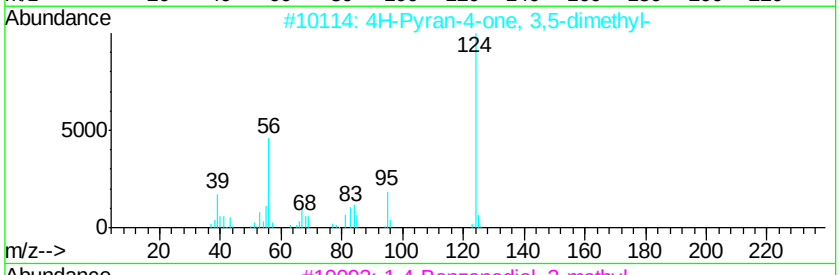
Peak Number 19 unknown17.68 Concentration Rank 20

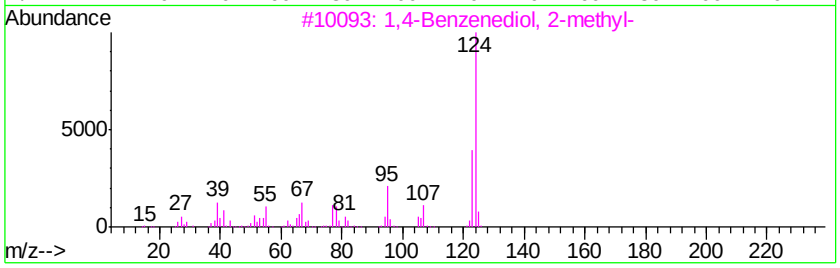
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	4.18 ng	57516	Perylene-d12	15.11

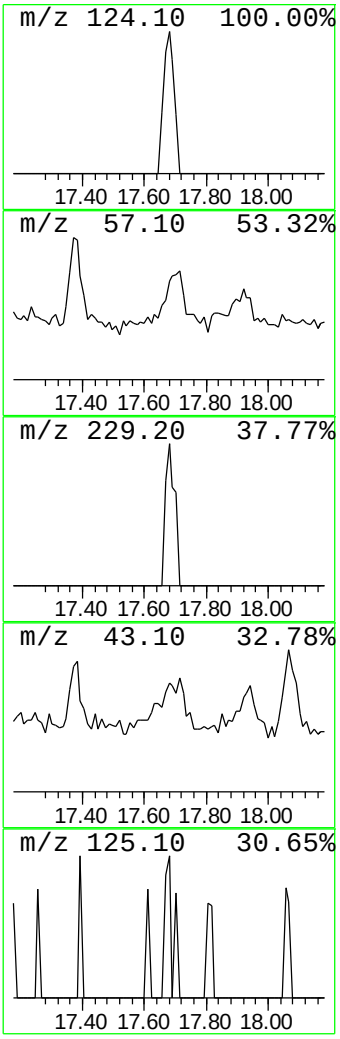
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloro-bis(methoxy)-	160	C2H6Cl2O2Si	018544-45-1	37
2	4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	25
3	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	9
4	2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	9
5	Benzenemethanamine, 4-fluoro-	125	C7H8FN	000140-75-0	9











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Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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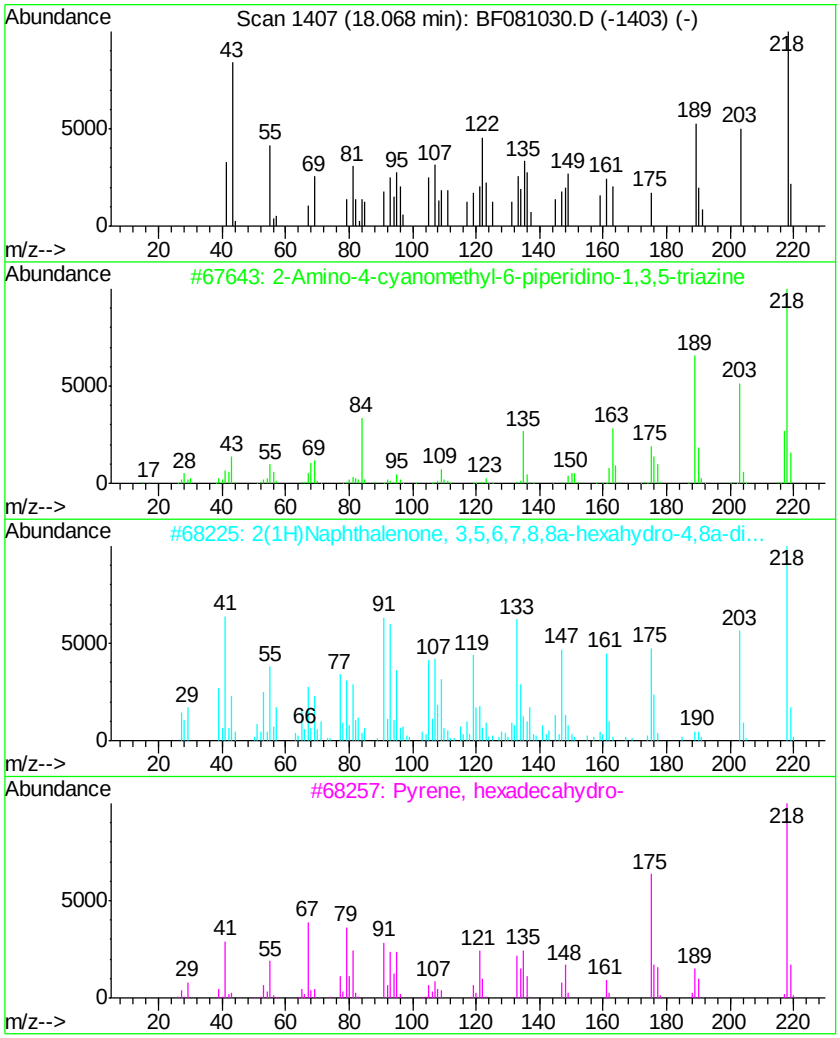
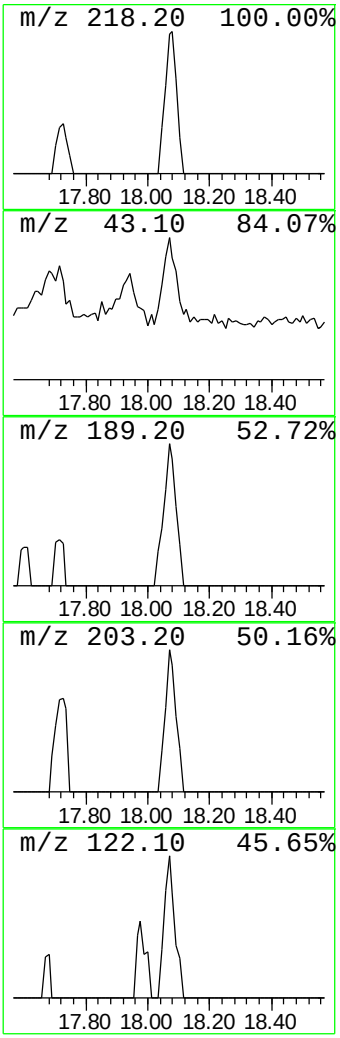
Peak Number 20 unknown18.07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.56 ng	76502	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	47
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	45
3	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	45
4	3,4-2H-Coumarin, 4,4,5,6,8-penta...	218	C14H18O2	1000129-70-7	43
5	2,3-Diethoxyquinoxaline	218	C12H14N2O2	057050-66-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081030.D
Acq On : 18 Aug 2015 5:20
Operator : UM/IZ
Sample : G3310-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS04-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
2-Pentanone, 4-hy...	4.75	49.2	ng	879931	1	6.63	357508	20.0
Undecanoic acid	11.68	7.1	ng	141241	4	11.13	399716	20.0
(2,3,4,5-Tetrachl...	12.26	9.6	ng	192169	4	11.13	399716	20.0
1,1'-Biphenyl, 2,...	12.45	6.6	ng	177714	5	13.75	541810	20.0
1,1'-Biphenyl, 2,...	12.94	5.7	ng	154689	5	13.75	541810	20.0
1,1'-Biphenyl, 2,...	13.30	6.5	ng	176335	5	13.75	541810	20.0
Pentafluoropropio...	13.63	6.7	ng	180271	5	13.75	541810	20.0
9-Octadecenamide,...	14.53	27.3	ng	375223	6	15.11	275236	20.0
Oxirane, hexadecyl-	14.67	7.3	ng	100917	6	15.11	275236	20.0
Hexadecane	14.83	10.2	ng	140920	6	15.11	275236	20.0
Trichloroacetic a...	14.87	10.5	ng	145024	6	15.11	275236	20.0
1,16-Hexadecanediol	15.34	5.2	ng	71781	6	15.11	275236	20.0
Octacosane	15.53	17.3	ng	238173	6	15.11	275236	20.0
Octadecanal	16.19	5.5	ng	75603	6	15.11	275236	20.0
Heneicosane	16.45	7.1	ng	97520	6	15.11	275236	20.0
unknown17.68	17.68	4.2	ng	57516	6	15.11	275236	20.0
unknown18.07	18.07	5.6	ng	76502	6	15.11	275236	20.0