LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

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-BF090115.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	3.541	169	171	177	rBV	14469	31265	1.42%	0.098%
2	4.421	244	248	264	rVB	742396	1514317	68.95%	4.730%
3	4.924	289	292	295	rBV	1960922	2150787	97.93%	6.718%
4	5.347	327	329	334	rVB	29380	27457	1.25%	0.086%
5	6.044	387	390	393	rBV	1841915	2038906	92.84%	6.369%
6	6.136	396	398	401	rVB	1788632	2065868	94.07%	6.453%
7	6.364	416	418	421	rVB	416155	380907	17.34%	1.190%
8	6.525	429	432	434	rBV	1917212	1669162	76.00%	5.214%
9	6.947	466	469	471	rBV	1384558	1387777	63.19%	4.335%
10	7.656	529	531	533	rBV	595088	495426	22.56%	1.548%
11	8.742	623	626	629	rBV	2342479	2196158	100.00%	6.860%
12	9.142	659	661	664	rBV	346530	322215	14.67%	1.006%
13	9.256	668	671	674	rBV	37132	38754	1.76%	0.121%
14	9.370	678	681	682	rBV	18161	32542	1.48%	0.102%
15	9.393	682	683	685	rVB	408171	465607	21.20%	1.454%
16	9.862	720	724	726	rVB	30482	45033	2.05%	0.141%
17	10.182	749	752	754	rBV	1329749	1326243	60.39%	4.143%
18	10.331	762	765	769	rBV	56946	95102	4.33%	0.297%
19	10.422	771	773	774	rBV	21104	26415	1.20%	0.083%
20	10.456	774	776	779	rBV3	64078	68973	3.14%	0.215%
21	10.776	800	804	805	rBV	49996	45547	2.07%	0.142%
22	10.868	809	812	815	rBV	394112	629018	28.64%	1.965%
23	10.936	815	818	819	rVV2	53473	48192	2.19%	0.151%
24	10.959	819	820	824	rVB	52465	58368	2.66%	0.182%
25	11.016	824	825	831	rVB6	11530	25270	1.15%	0.079%
26	11.131	831	835	839	rBV3	16620	49340	2.25%	0.154%
27	11.199	839	841	844	rVB2	41490	46446	2.11%	0.145%
28	11.291	844	849	853	rBV4	11865	45094	2.05%	0.141%
29	11.359	853	855	856	rBV	63408	59532	2.71%	0.186%
30	11.394	856	858	860	rVB	49420	60959	2.78%	0.190%
31	11.439	860	862	868	rBV3	272664	469010	21.36%	1.465%
32	11.599	874	876	879	rVB2	20851	26337	1.20%	0.082%
33	11.839	895	897	900	rVB2	22437	37216	1.69%	0.116%
34	11.908	900	903	904	rBV	57906	59568	2.71%	0.186%

LSC Area Percent Report

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Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.942	904	906	909	rVV2	41390	72545	3.30%	0.227%
36	11.988	909	910	912	rVV2	52390	52761	2.40%	0.165%
37	12.022	912	913	915	rVV	40413	59816	2.72%	0.187%
38	12.056	915	916	920	rVB	257388	226132	10.30%	0.706%
39	12.114	920	921	923	rBV2	20867	34011	1.55%	0.106%
40	12.159	923	925	927	rVB2	102080	94591	4.31%	0.295%
41	12.217	927	930	933	rBV3	77977	113306	5.16%	0.354%
42	12.274	933	935	937	rVB	181233	247400	11.27%	0.773%
43	12.445	948	950	953	rBV	1254841	1710072	77.87%	5.342%
44	12.502	953	955	957	rVB2	19944	27335	1.24%	0.085%
45	12.617	960	965	967	rVB2	32421	76892	3.50%	0.240%
46	12.708	967	973	975	rBV2	100636	242925	11.06%	0.759%
47	12.742	975	976	980	rVB4	11143	24788	1.13%	0.077%
48	12.799	980	981	982	rBV	30326	30110	1.37%	0.094%
49	12.834	982	984	986	rVB2	28593	32521	1.48%	0.102%
50	12.868	986	987	989	rBV	34237	39948	1.82%	0.125%
51	12.914	989	991	996	rVB2	54280	77267	3.52%	0.241%
52	13.051	999	1003	1004	rBV2	55923	81014	3.69%	0.253%
53	13.119	1006	1009	1011	rVB2	18746	37947	1.73%	0.119%
54	13.165	1011	1013	1015	rBV2	41316	50488	2.30%	0.158%
55	13.222	1015	1018	1019	rBV2	29984	44393	2.02%	0.139%
56	13.302	1023	1025	1026	rBV2	21547	29143	1.33%	0.091%
57	13.371	1028	1031	1034	rBV	537224	714808	32.55%	2.233%
58	13.474	1037	1040	1044	rBV2	342558	620072	28.23%	1.937%
59	13.611	1046	1052	1054	rBV3	39503	137077	6.24%	0.428%
60	13.657	1054	1056	1057	rVV	27601	31610	1.44%	0.099%
61	13.691	1057	1059	1066	rVB2	92175	153527	6.99%	0.480%
62	13.805	1067	1069	1071	rVV2	42021	58992	2.69%	0.184%
63	13.851	1071	1073	1075	rVV	19014	32321	1.47%	0.101%
64	14.000	1083	1086	1089	rBV	799038	1030984	46.94%	3.220%
65	14.114	1094	1096	1098	rVB2	34337	31371	1.43%	0.098%
66	14.205	1102	1104	1107	rVV	51280	70319	3.20%	0.220%
67	14.285	1109	1111	1115	rVV2	73613	161795	7.37%	0.505%
68	14.342	1115	1116	1120	rVV	50456	53494	2.44%	0.167%
69	14.411	1120	1122	1124	rVB	312675	278633	12.69%	0.870%
70	14.457	1124	1126	1130	rBV	123956	222333	10.12%	0.694%
71	14.537	1131	1133	1134	rVV	51024	57181	2.60%	0.179%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G3505-09
Misc :
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Instrument : BNA_F
ClientSampleId : P005-TS02-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.594	1134	1138	1140	rVV2	490094	1142514	52.02%	3.569%
73	14.628	1140	1141	1144	rVV	195258	201939	9.20%	0.631%
74	14.685	1144	1146	1148	rVV2	94218	120974	5.51%	0.378%
75	14.731	1148	1150	1152	rVV	82468	89963	4.10%	0.281%
76	14.777	1152	1154	1159	rVB	226492	299673	13.65%	0.936%
77	14.857	1159	1161	1163	rBV2	48999	65123	2.97%	0.203%
78	15.005	1171	1174	1176	rBV	269644	350755	15.97%	1.096%
79	15.085	1179	1181	1186	rVB2	44016	63958	2.91%	0.200%
80	15.177	1186	1189	1191	rBV	415325	574932	26.18%	1.796%
81	15.223	1191	1193	1195	rVV	302575	556994	25.36%	1.740%
82	15.257	1195	1196	1198	rVV	201008	284054	12.93%	0.887%
83	15.348	1202	1204	1207	rVB2	67737	135474	6.17%	0.423%
84	15.611	1225	1227	1229	rBV2	27268	51342	2.34%	0.160%
85	15.748	1236	1239	1243	rBV	291418	524381	23.88%	1.638%
86	15.863	1246	1249	1252	rVV2	44949	129023	5.87%	0.403%
87	15.965	1256	1258	1262	rVV	102736	237159	10.80%	0.741%
88	16.034	1262	1264	1267	rVV	131103	327653	14.92%	1.023%
89	16.091	1267	1269	1274	rVB2	219972	486038	22.13%	1.518%
90	16.183	1274	1277	1278	rBV	27240	43136	1.96%	0.135%
91	16.297	1283	1287	1288	rBV	126252	254856	11.60%	0.796%
92	16.514	1303	1306	1309	rBV4	64276	145463	6.62%	0.454%
93	16.766	1325	1328	1332	rVB2	47837	119912	5.46%	0.375%
94	17.017	1347	1350	1355	rVB2	73605	178830	8.14%	0.559%
95	17.234	1365	1369	1377	rVB	71071	238407	10.86%	0.745%
96	17.657	1402	1406	1410	rVB6	21995	76714	3.49%	0.240%
97	17.748	1410	1414	1423	rVB4	76206	216504	9.86%	0.676%

Sum of corrected areas: 32014504

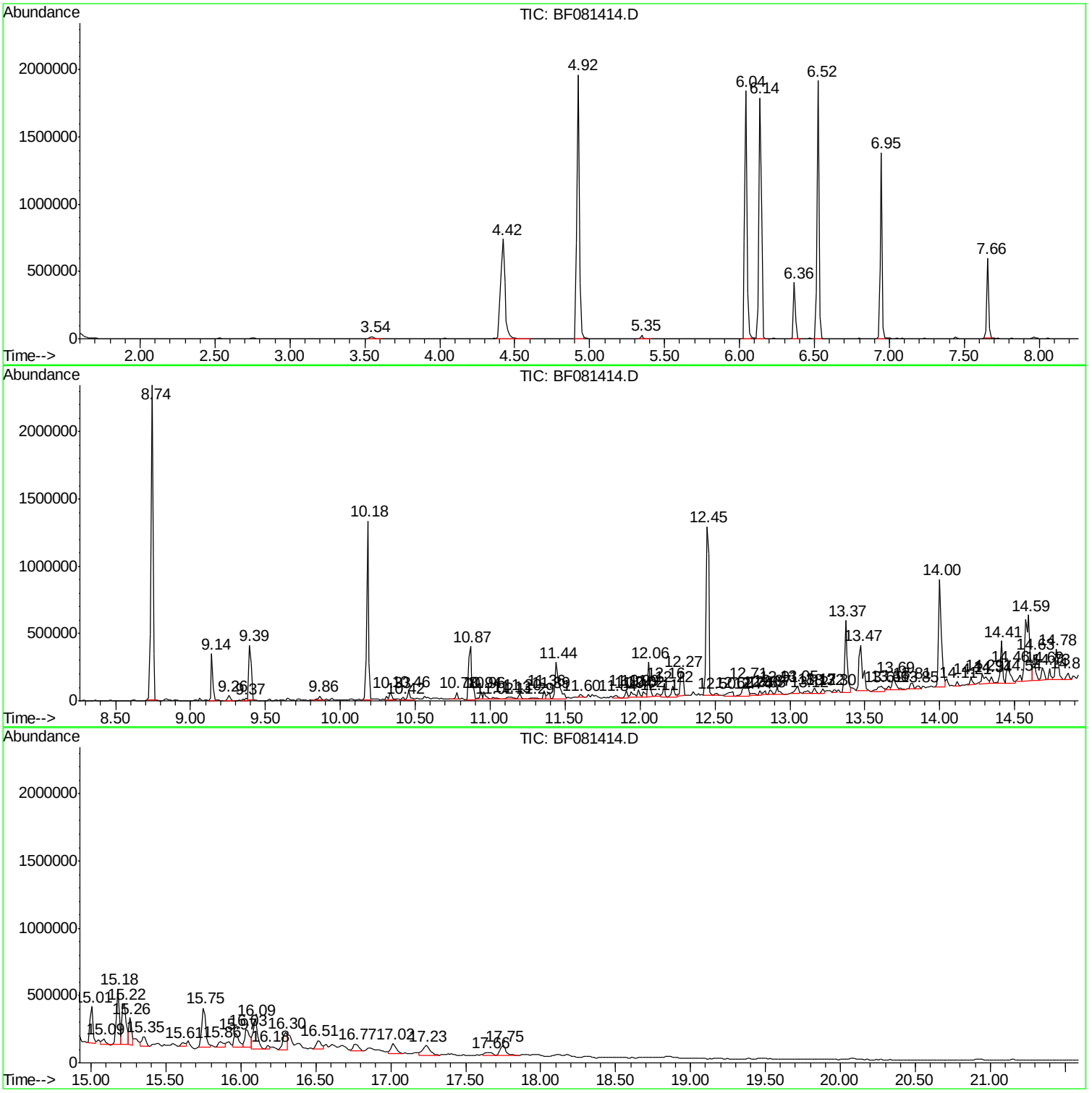
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

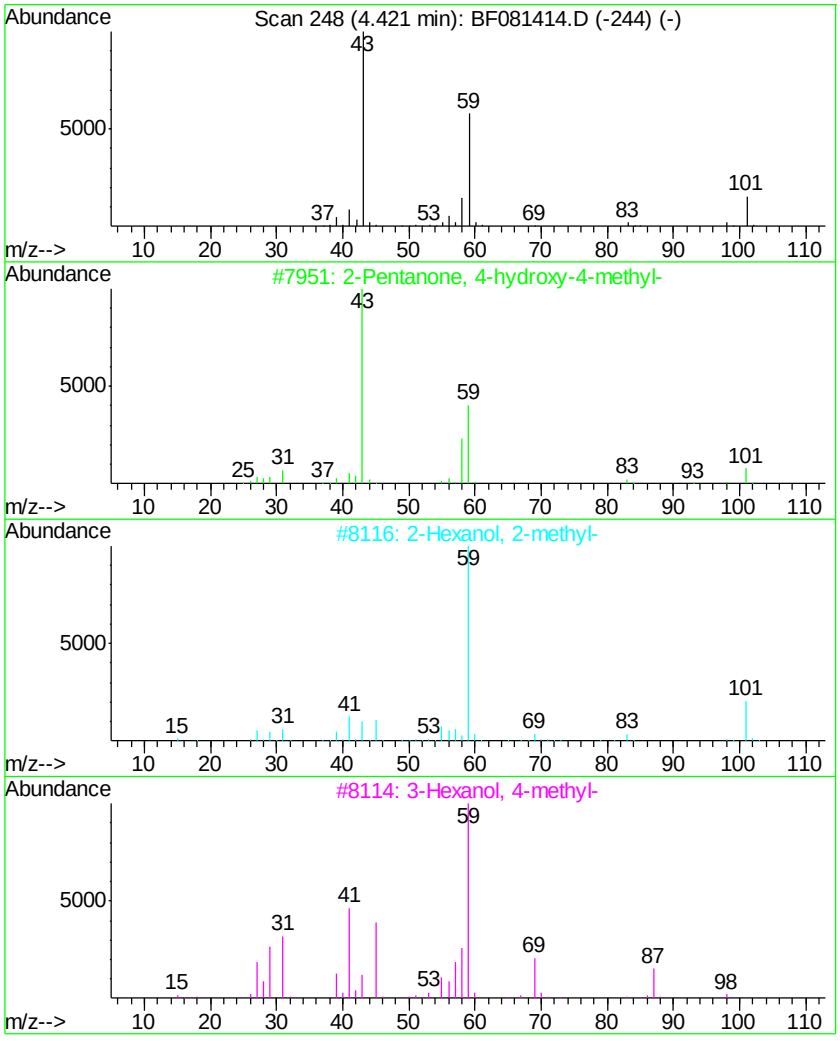
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

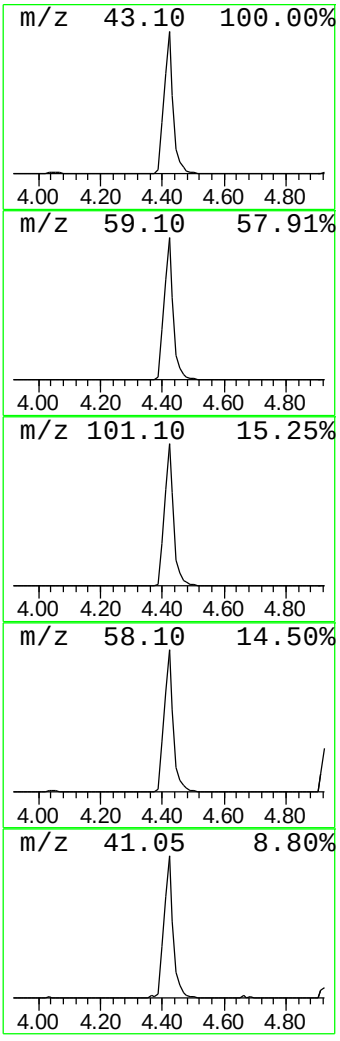
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	79.51 ng	1514320	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

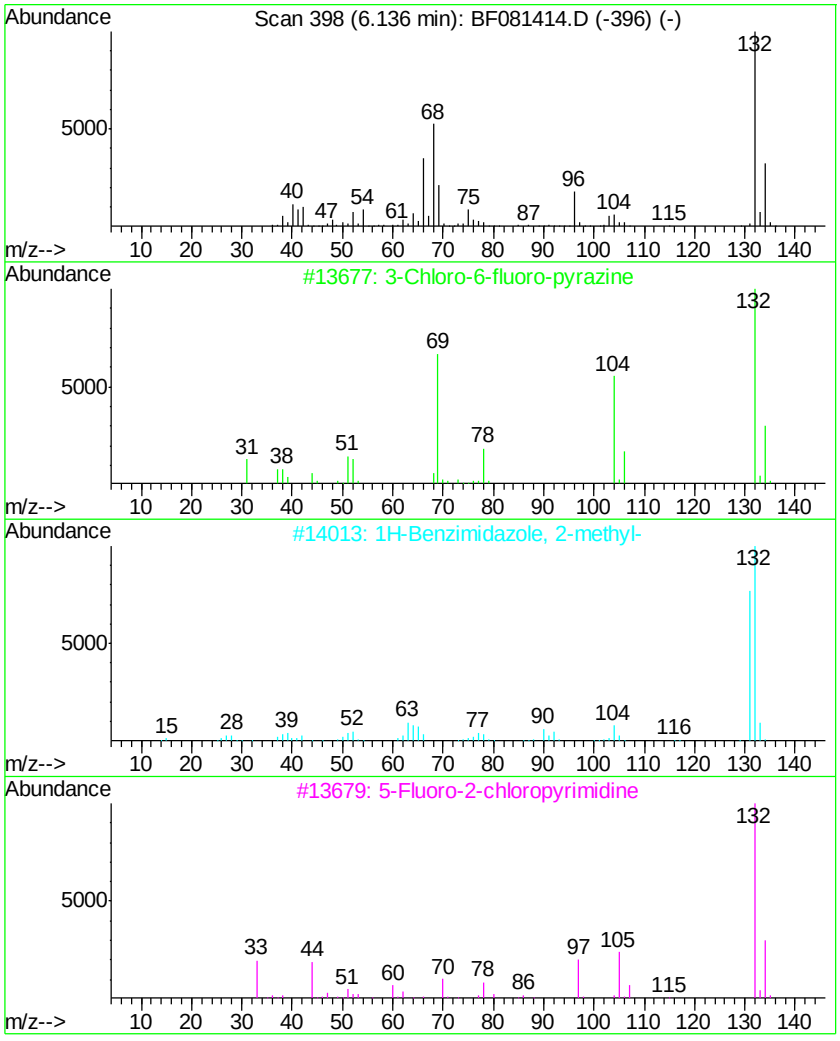
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

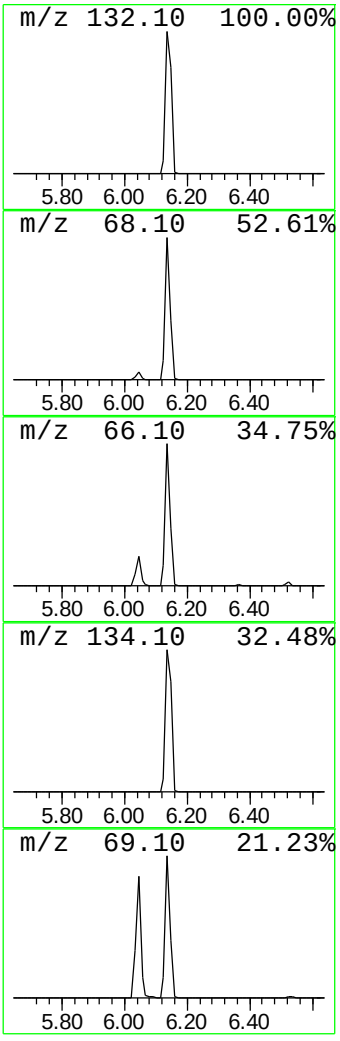
****

Peak Number 2 unknown6.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	108.47 ng	2065870	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Sample : G3505-09
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Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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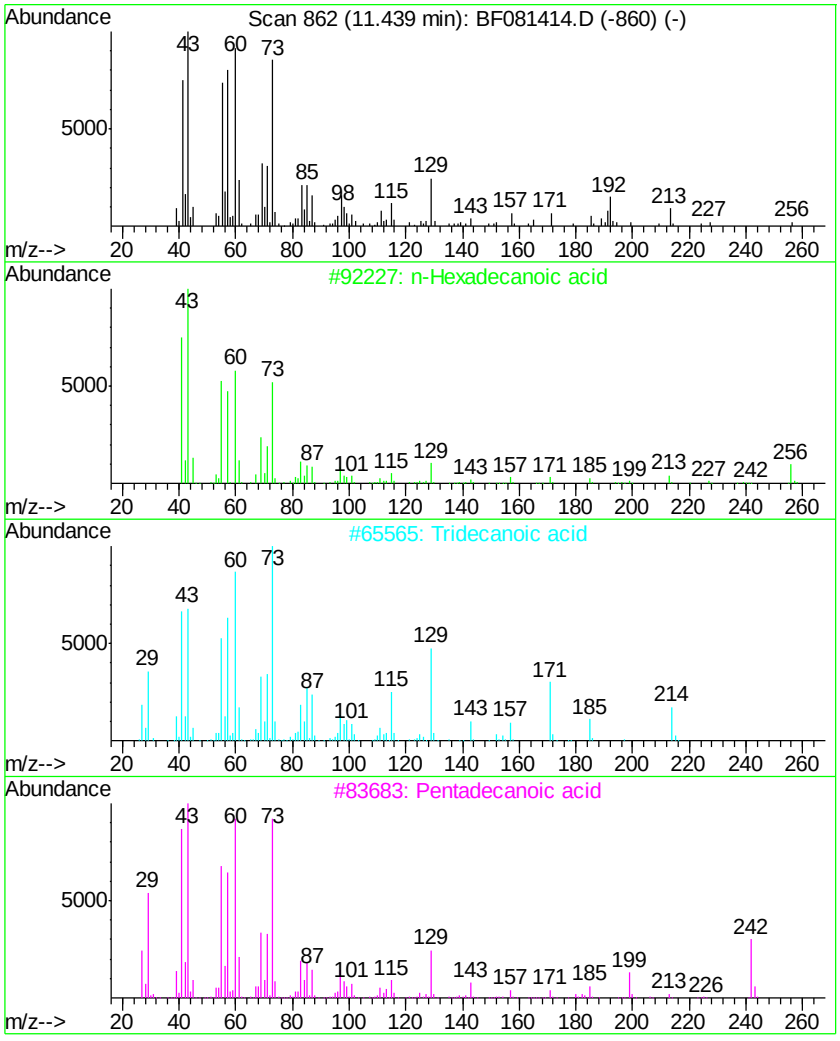
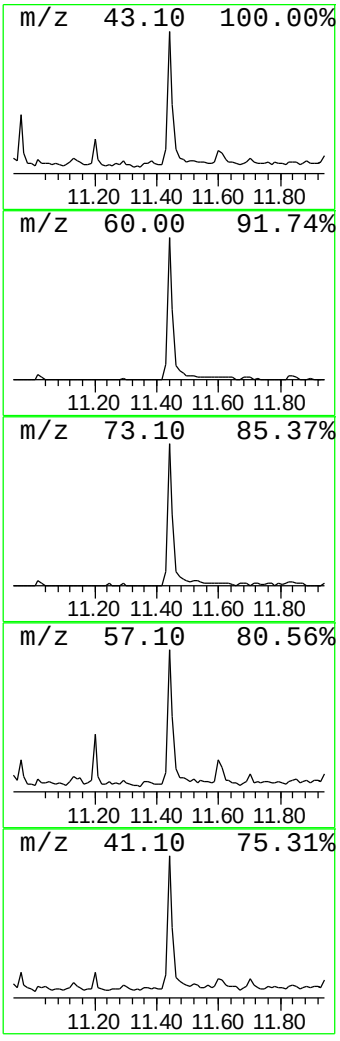
Peak Number 4 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	14.91 ng	469010	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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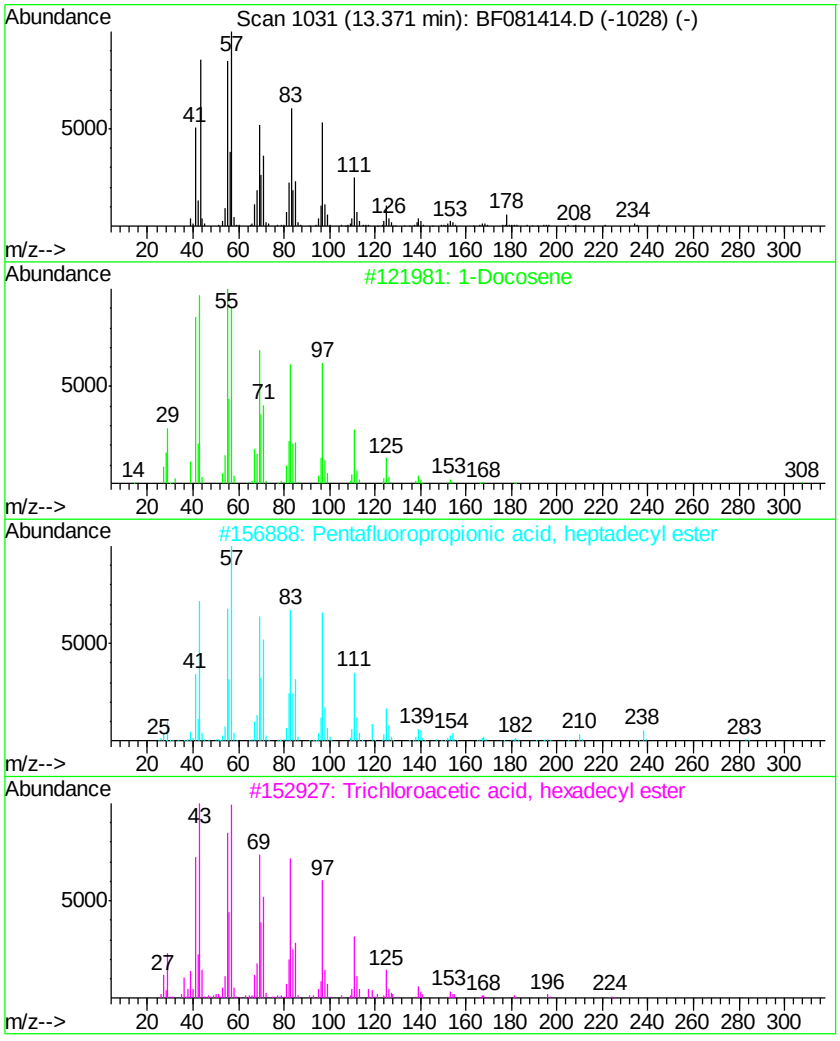
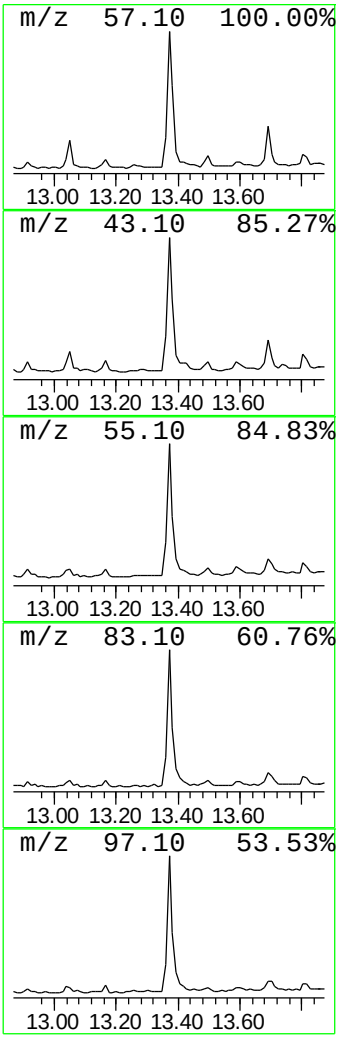
Peak Number 5 1-Docosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	23.06 ng	714808	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	Cyclohexadecane	224	C16H32	000295-65-8	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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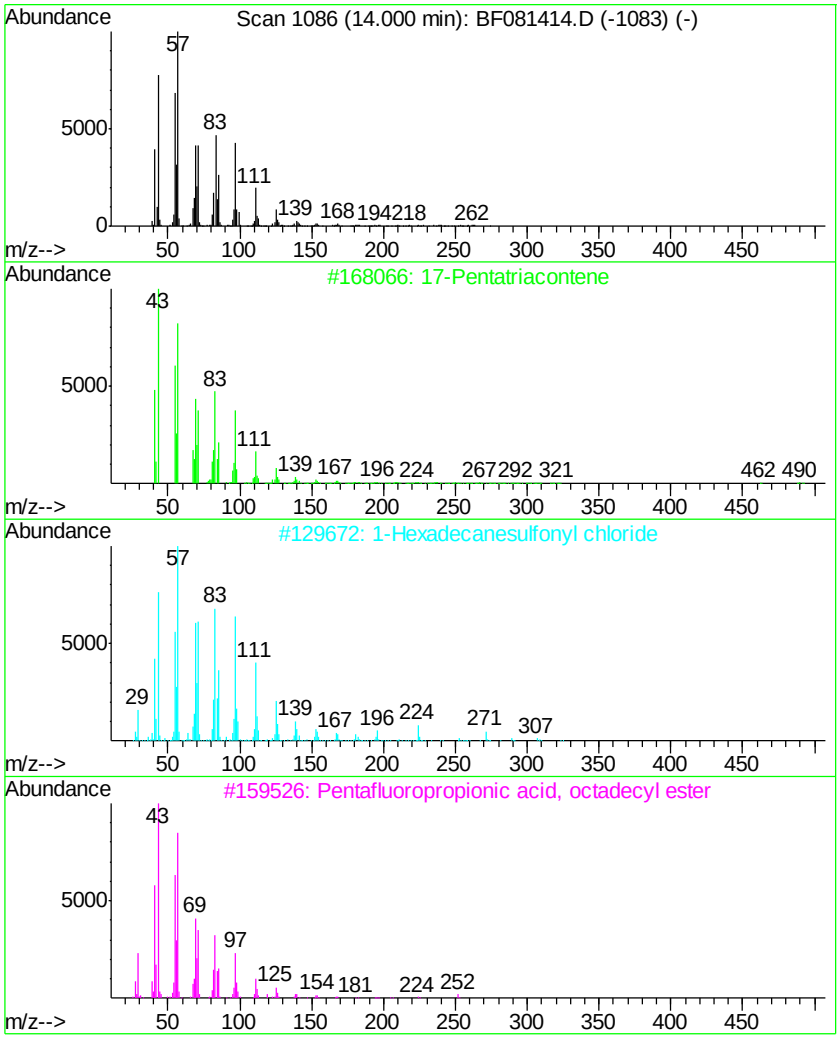
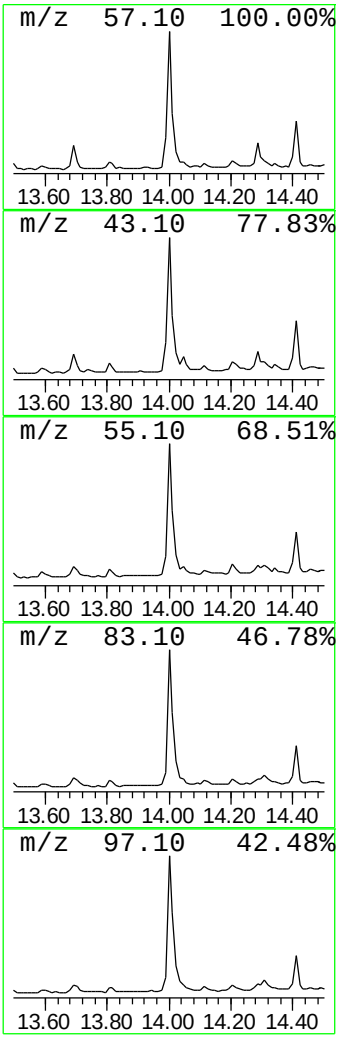
Peak Number 6 17-Pentatriacontene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	33.25 ng	1030980	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	74
4	1-Docosene	308	C22H44	001599-67-3	64
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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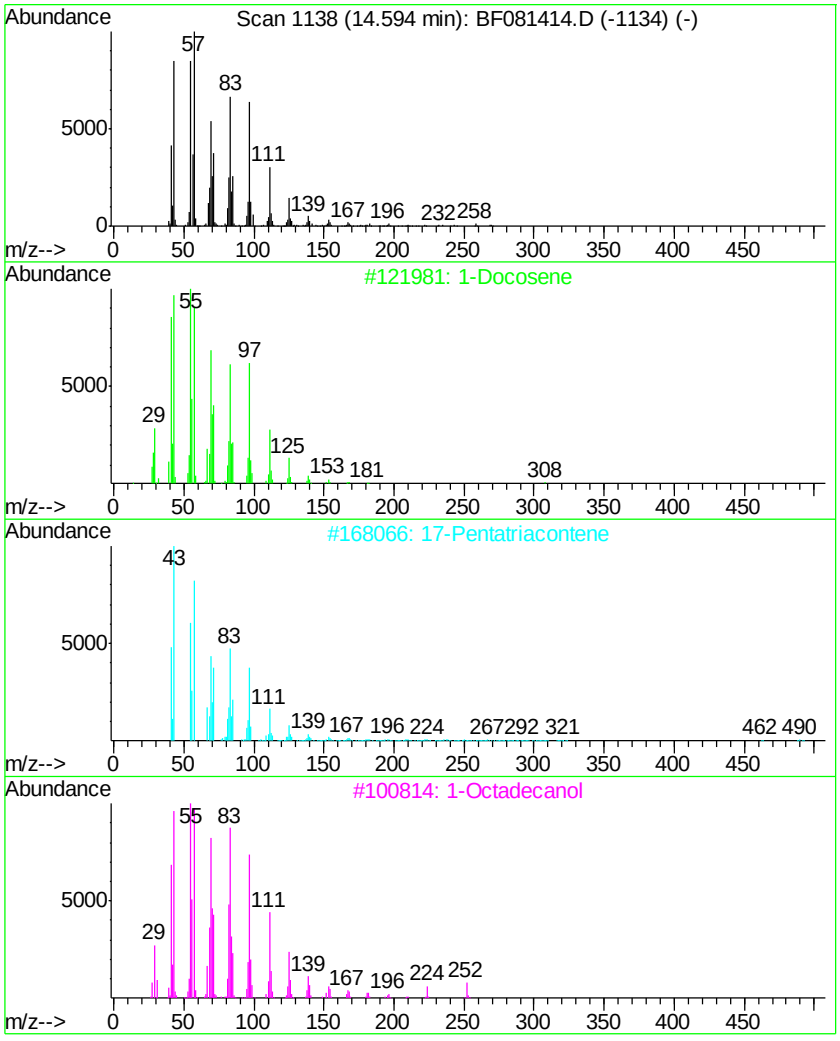
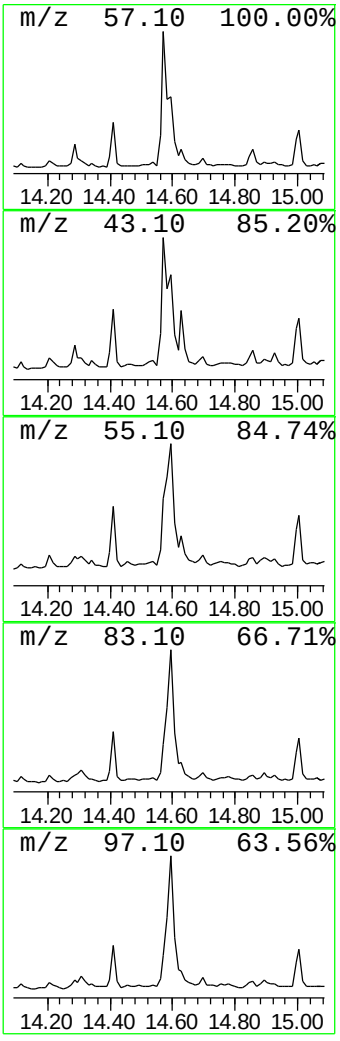
Peak Number 7 1-Octadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	76.25 ng	1142510	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	1-Octadecanol	270	C18H38O	000112-92-5	83
4	1-Heptadecanol	256	C17H36O	001454-85-9	74
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	74





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Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
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Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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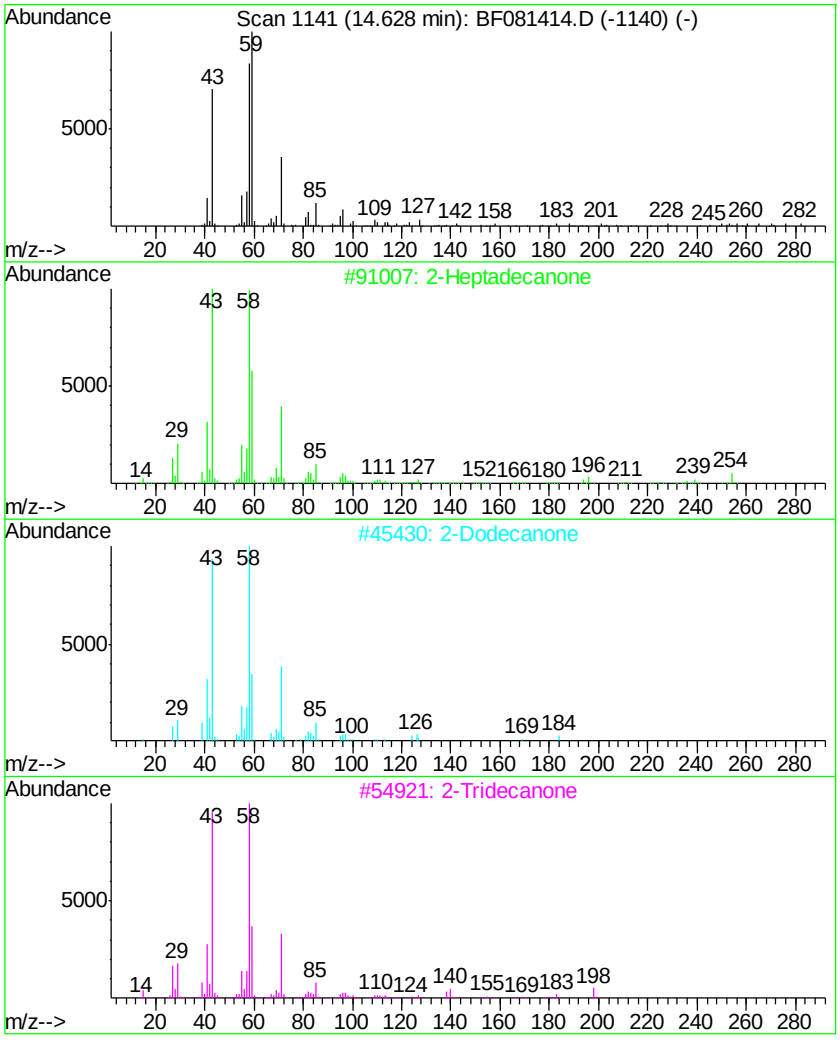
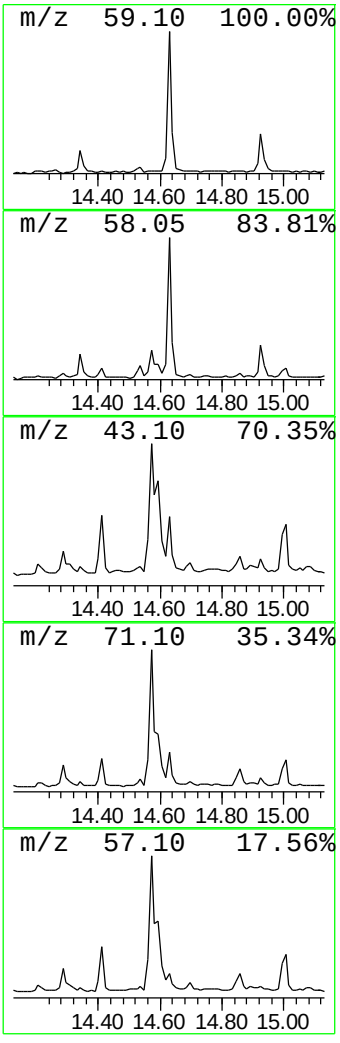
Peak Number 8 2-Heptadecanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	13.48 ng	201939	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	53
2	2-Dodecanone	184	C12H24O	006175-49-1	47
3	2-Tridecanone	198	C13H26O	000593-08-8	47
4	2-Tetradecanone	212	C14H28O	002345-27-9	47
5	2-Nonadecanone	282	C19H38O	000629-66-3	42





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ClientSampleId : P005-TS02-01

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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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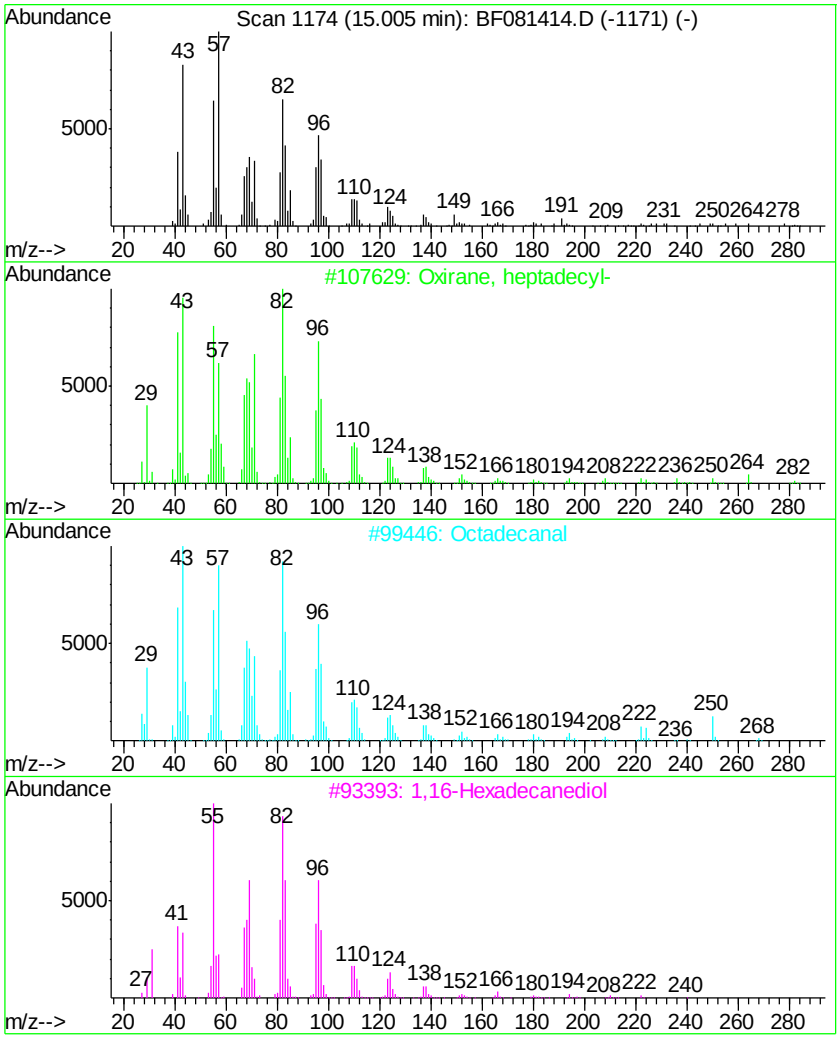
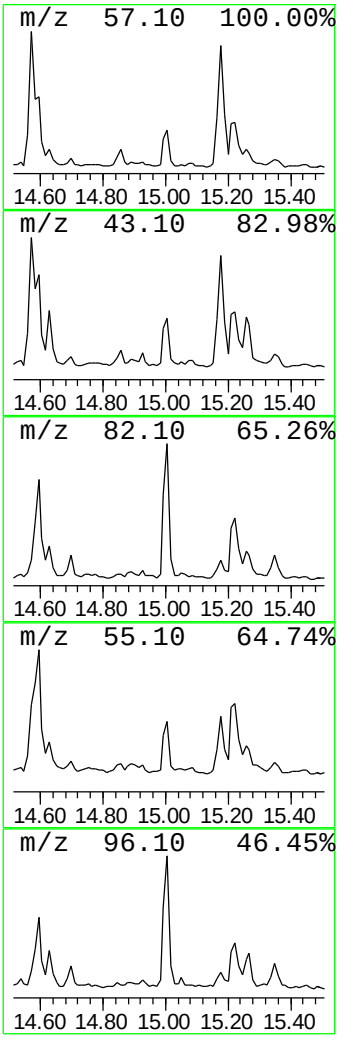
Peak Number 9 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	23.41 ng	350755	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	91





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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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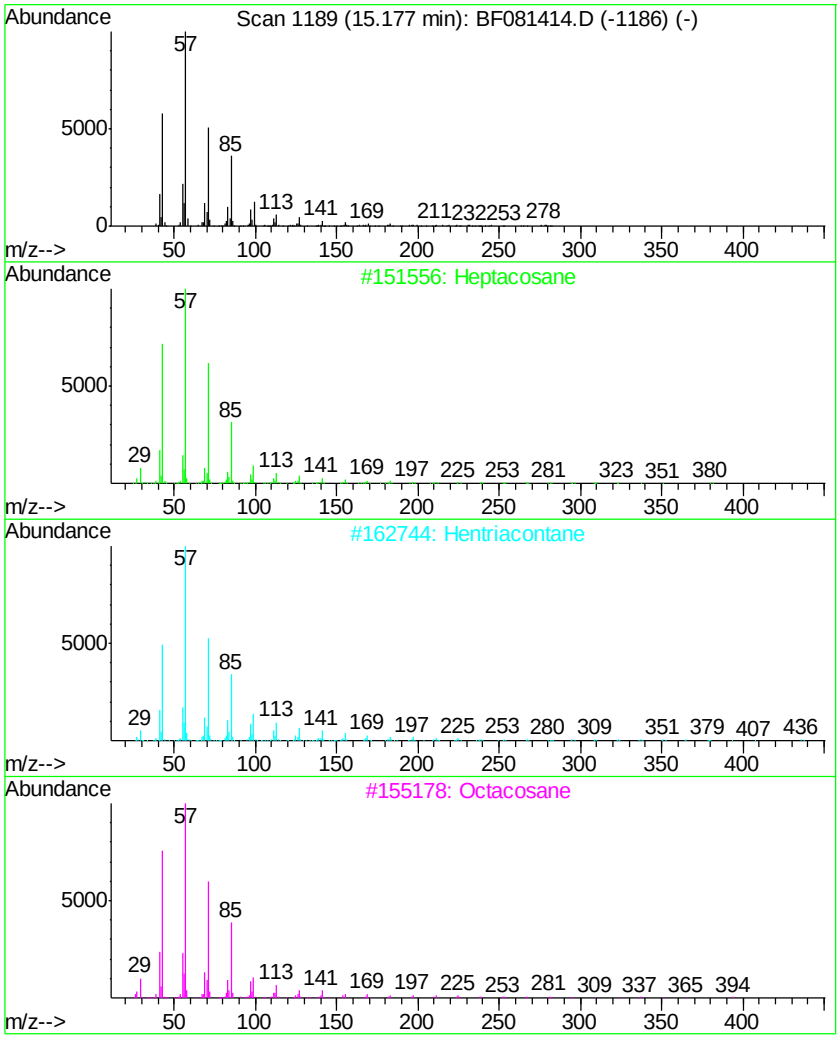
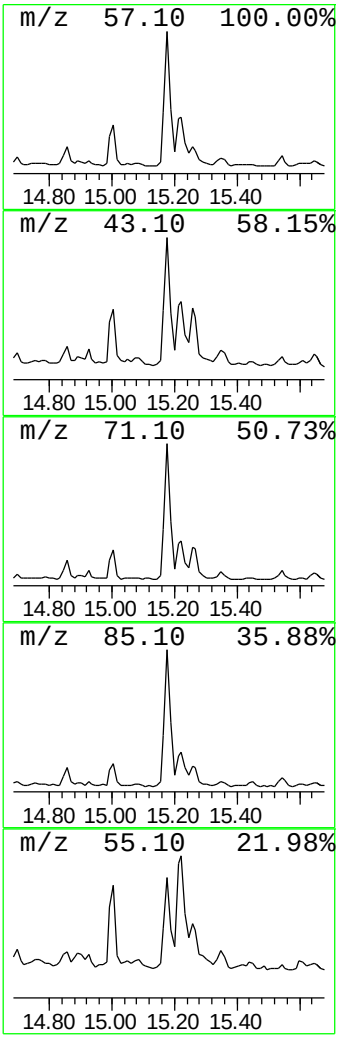
Peak Number 10 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	38.37 ng	574932	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Eicosane	282	C20H42	000112-95-8	90





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Sample : G3505-09
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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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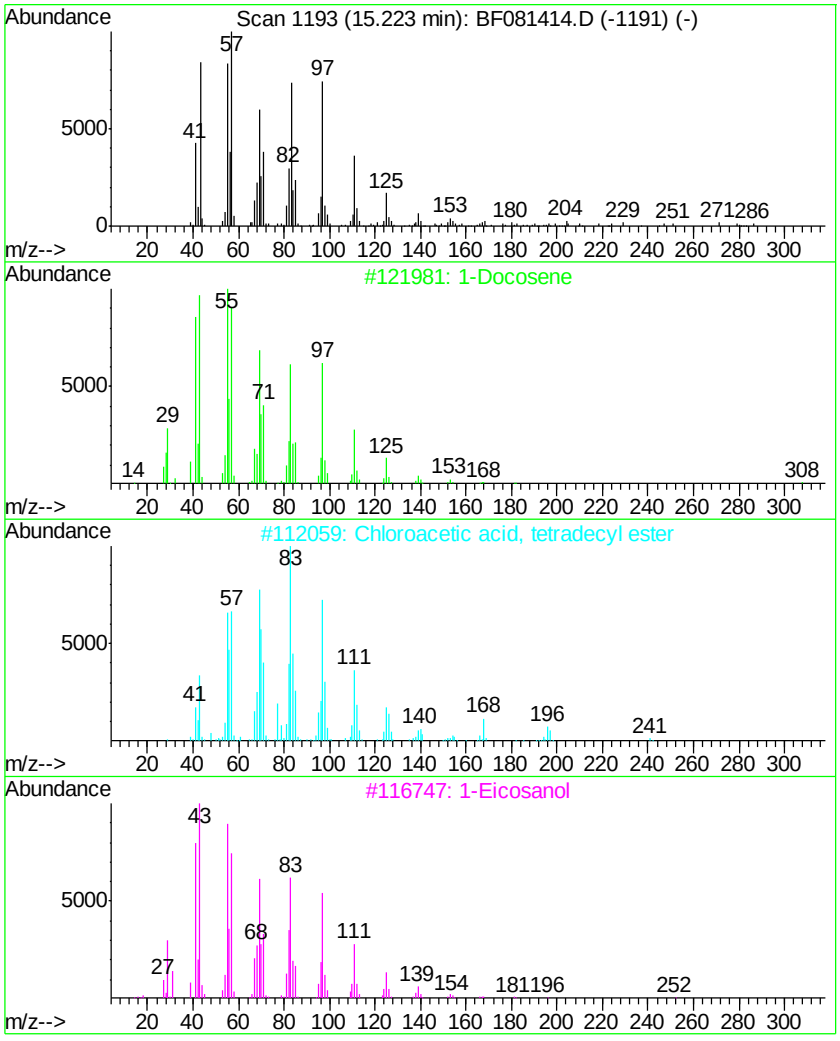
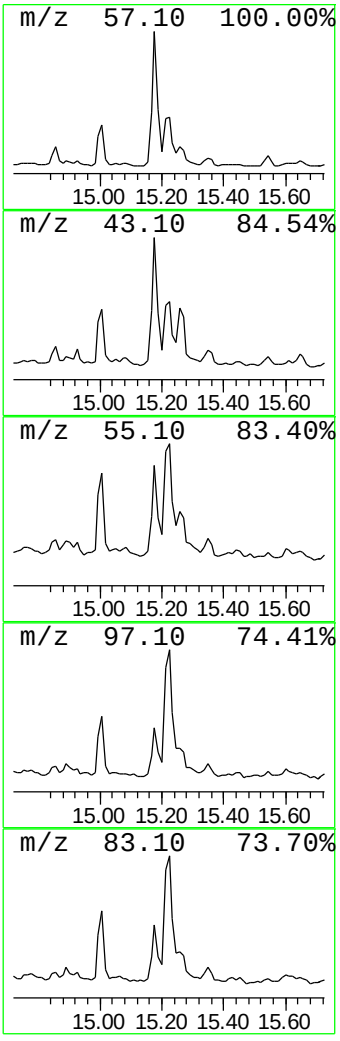
Peak Number 11 Chloroacetic acid, tetradec... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	37.17 ng	556994	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	86
3	1-Eicosanol	298	C20H42O	000629-96-9	83
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62
5	1-Hexacosanol	382	C26H54O	000506-52-5	58





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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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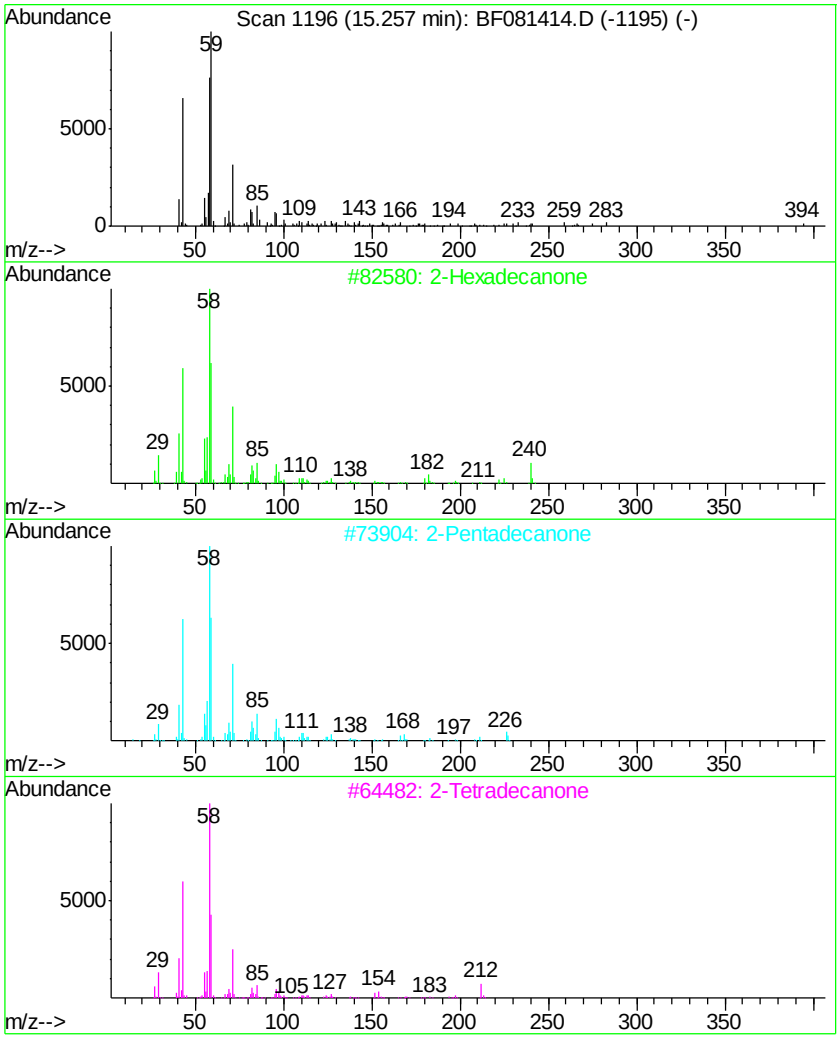
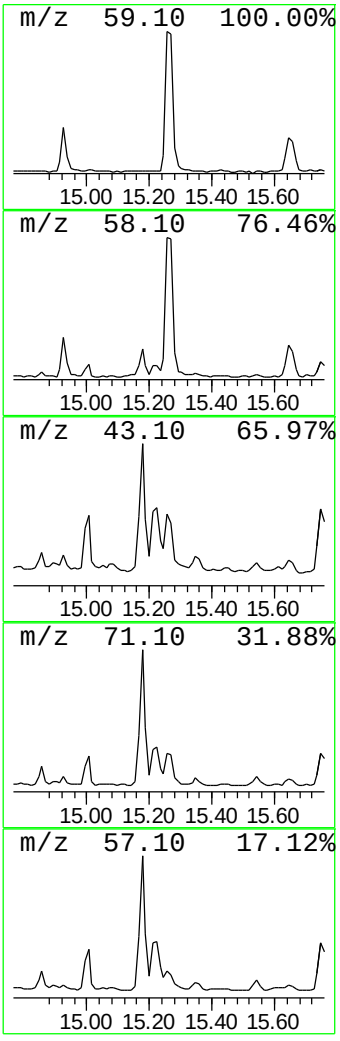
Peak Number 12 2-Hexadecanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	18.96 ng	284054	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexadecanone	240	C16H32O	018787-63-8	59
2	2-Pentadecanone	226	C15H30O	002345-28-0	53
3	2-Tetradecanone	212	C14H28O	002345-27-9	47
4	2-Tridecanone	198	C13H26O	000593-08-8	47
5	Hexadecanal, 2-methyl-	254	C17H34O	055019-46-0	38





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ClientSampleId : P005-TS02-01

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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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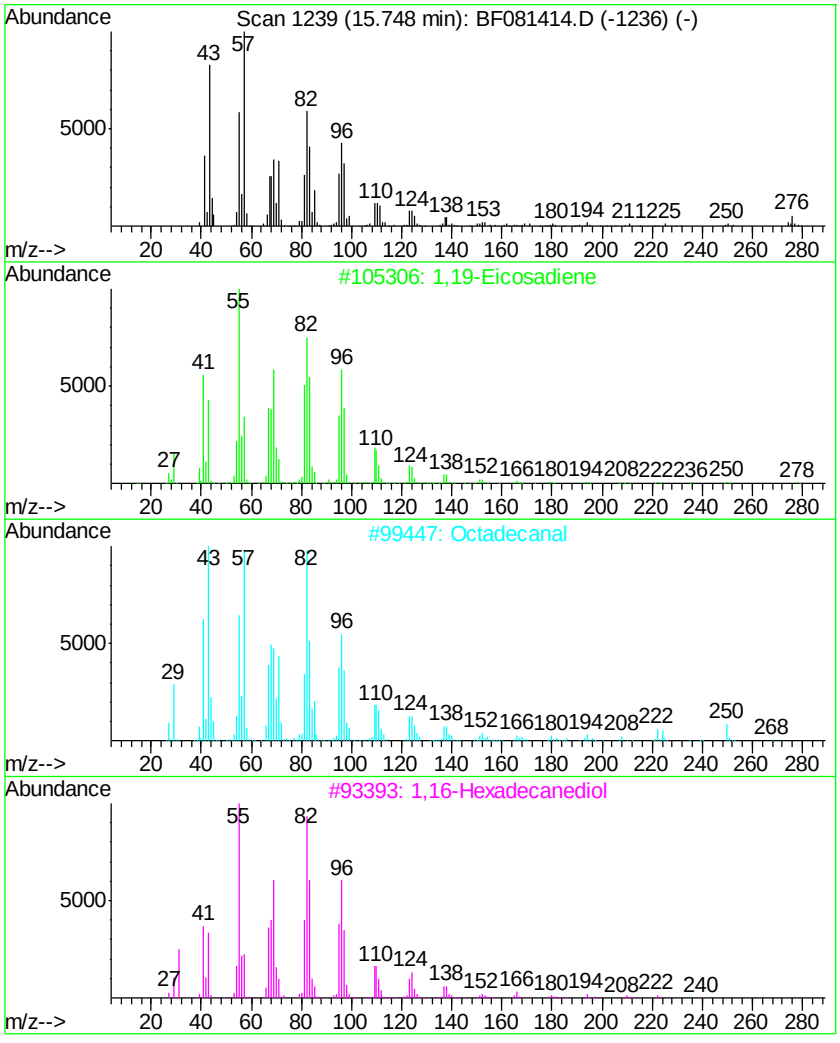
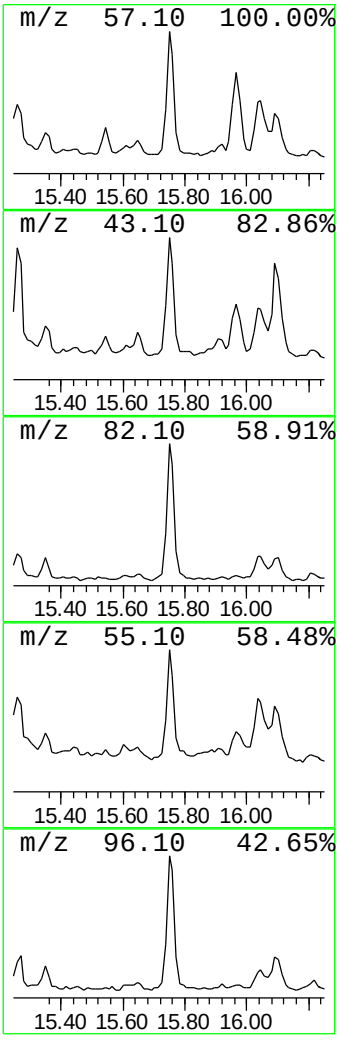
Peak Number 13 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	35.00 ng	524381	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	96
2	Octadecanal	268	C18H36O	000638-66-4	91
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	90
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
5	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	83





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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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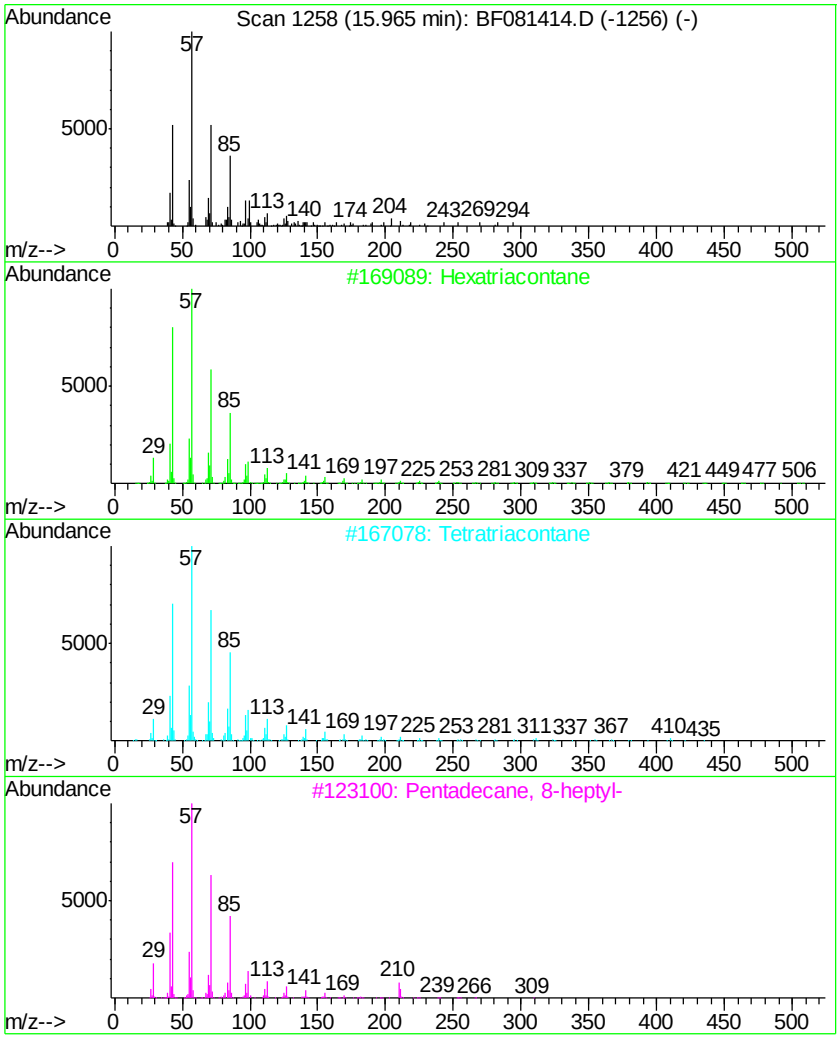
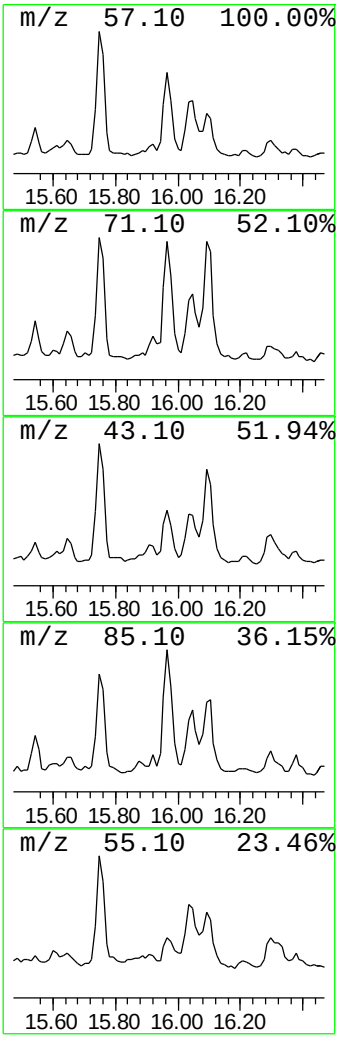
Peak Number 14 Hexatriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	15.83 ng	237159	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	86
2	Tetratriacontane	479	C34H70	014167-59-0	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4	Nonacosane	408	C29H60	000630-03-5	72
5	Heptacosane	380	C27H56	000593-49-7	72





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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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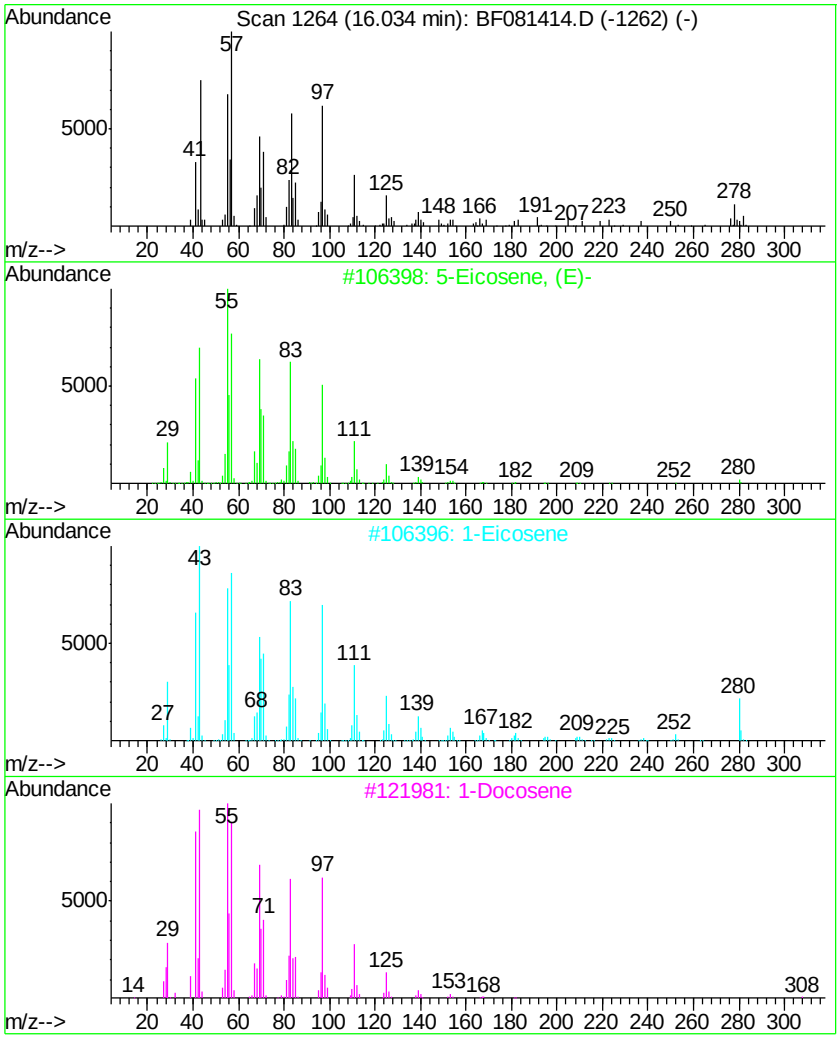
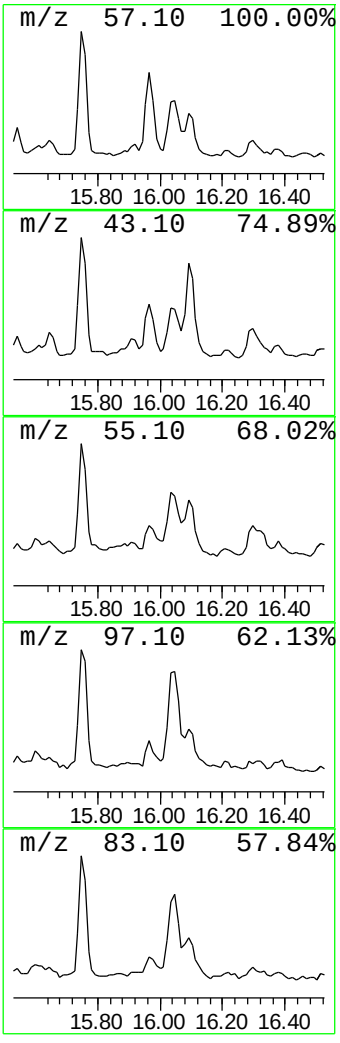
Peak Number 15 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	21.87 ng	327653	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
2	1-Eicosene	280	C20H40	003452-07-1	83
3	1-Docosene	308	C22H44	001599-67-3	83
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	11-Heneicosanol	312	C21H44O	003381-26-8	80





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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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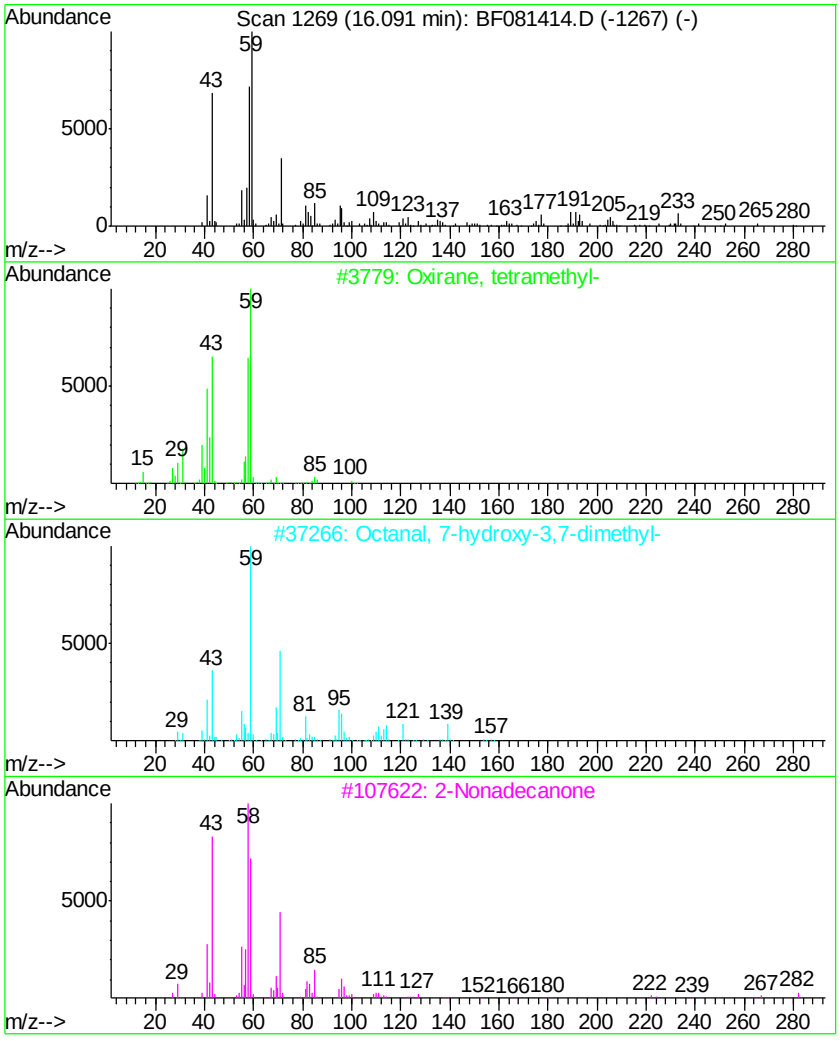
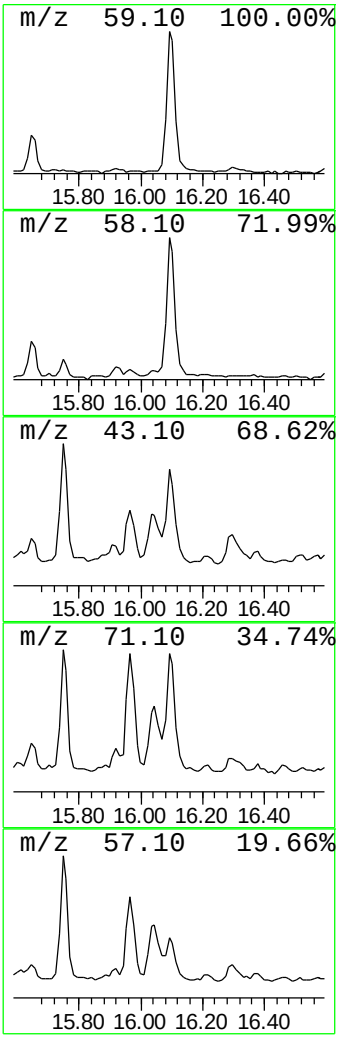
Peak Number 16 Oxirane, tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	32.44 ng	486038	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50
2	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	40
3	2-Nonadecanone	282	C19H38O	000629-66-3	40
4	2-Pentadecanone	226	C15H30O	002345-28-0	40
5	2-Heptadecanone	254	C17H34O	002922-51-2	40





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ClientSampleId : P005-TS02-01

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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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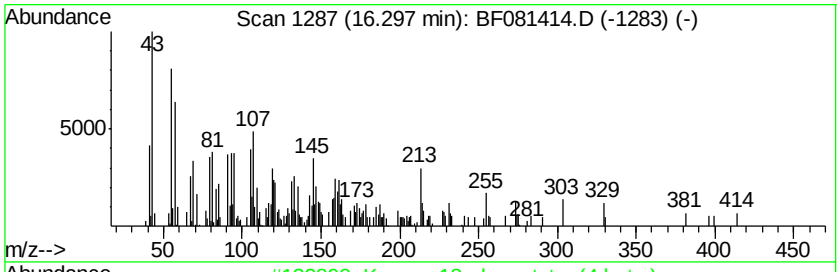
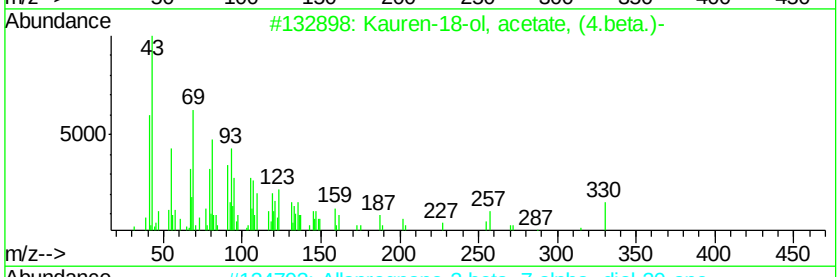
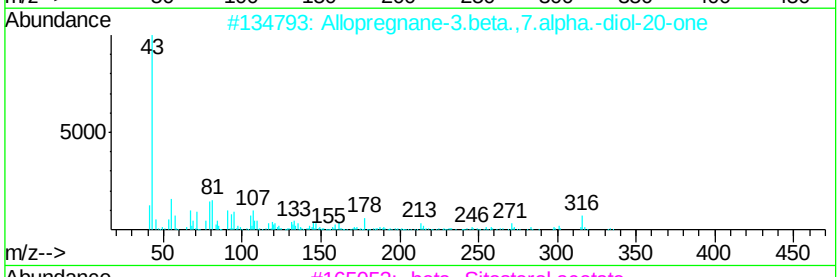
Peak Number 17 Kauren-18-ol, acetate, (4.b... Concentration Rank 14

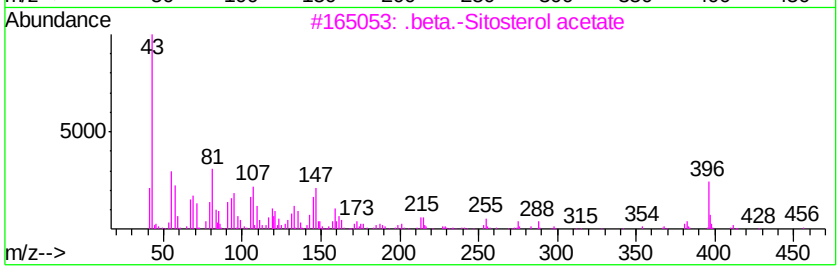
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	17.01 ng	254856	Perylene-d12	14.78

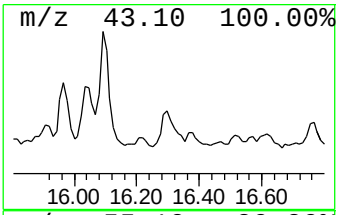
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	55
2	Allopregnane-3.beta.,7.alpha.-di...	334	C21H34O3	000566-20-1	43
3	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	22
4	N-(2-Hydroxy-1-methylene-2-prop-...	191	C11H13NO2	1000194-35-2	15
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	14

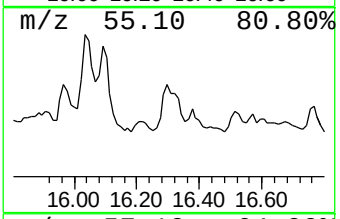


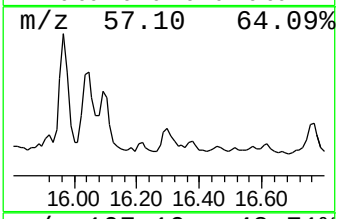


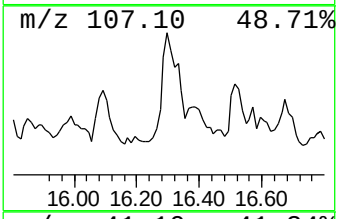


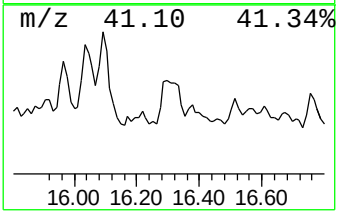












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ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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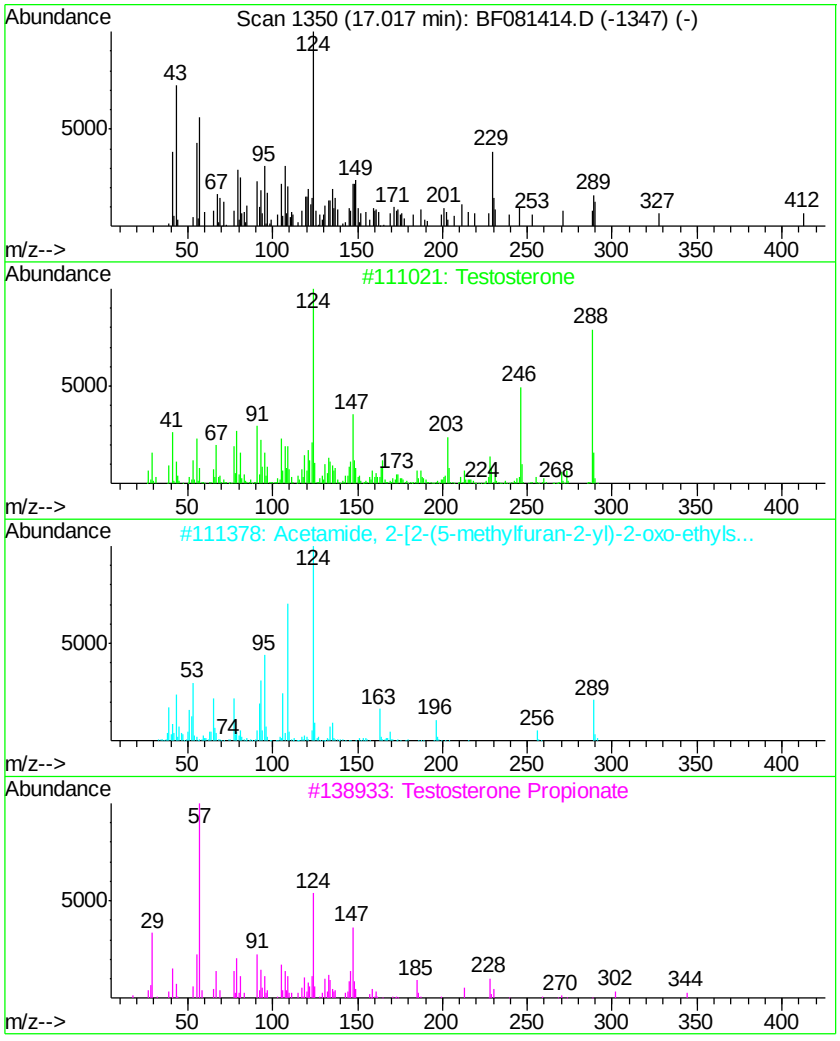
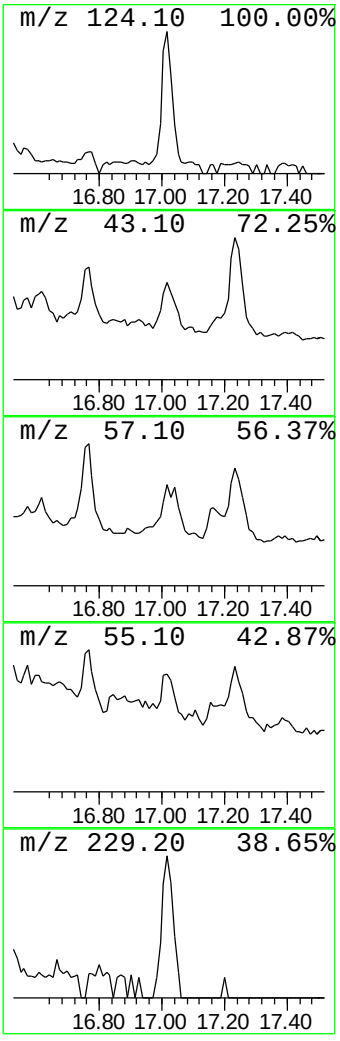
Peak Number 18 unknown17.02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	11.94 ng	178830	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	46
2	Acetamide, 2-[2-(5-methylfuran-2...	289	C15H15NO3S	1000259-79-3	27
3	Testosterone Propionate	344	C22H32O3	000057-85-2	27
4	Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	27
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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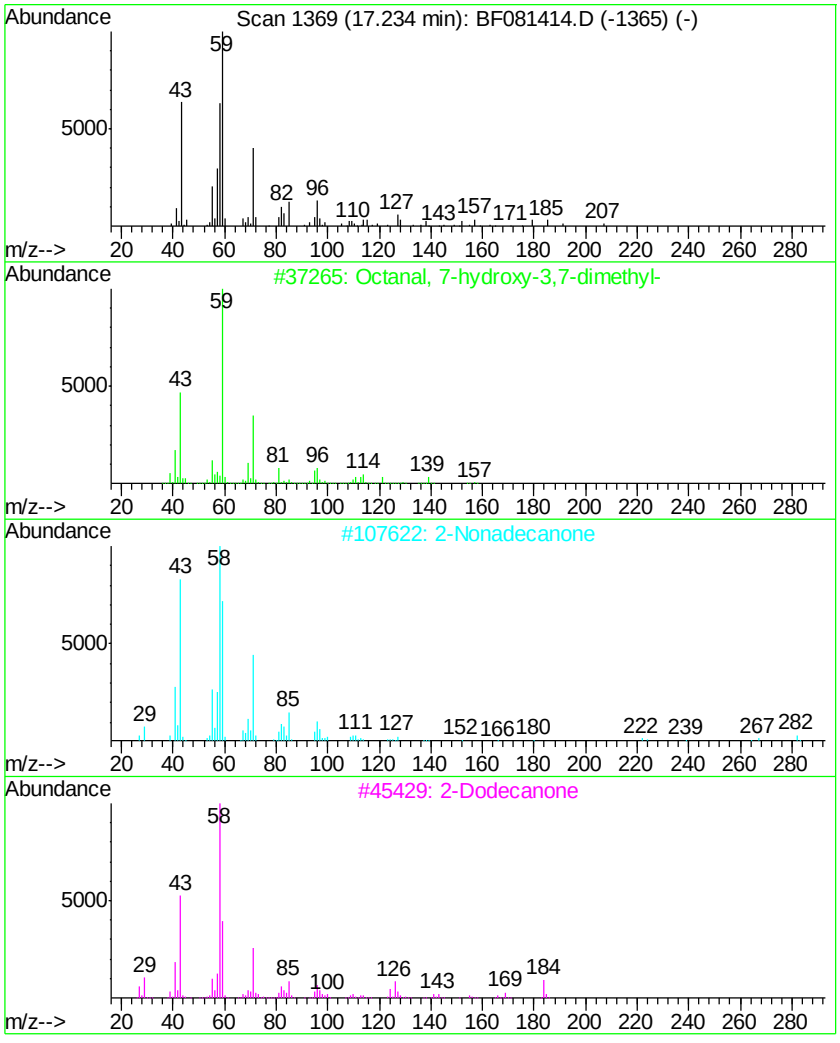
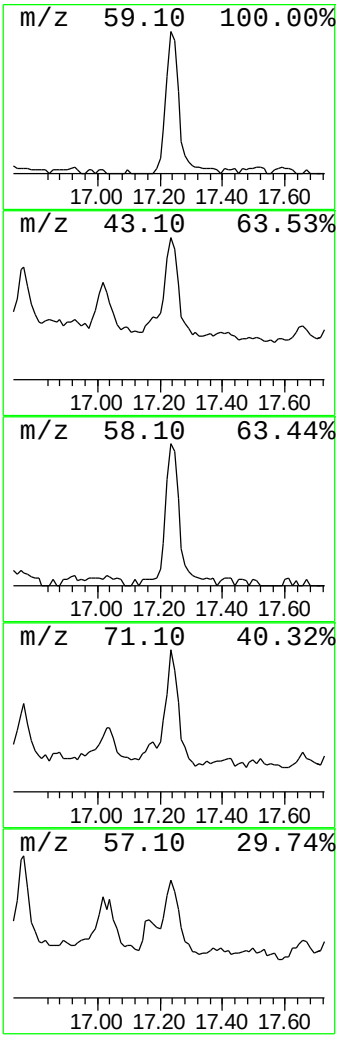
Peak Number 19 unknown17.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	15.91 ng	238407	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	40
2	2-Nonadecanone	282	C19H38O	000629-66-3	28
3	2-Dodecanone	184	C12H24O	006175-49-1	25
4	11-Dodecen-2-one	182	C12H22O	005009-33-6	25
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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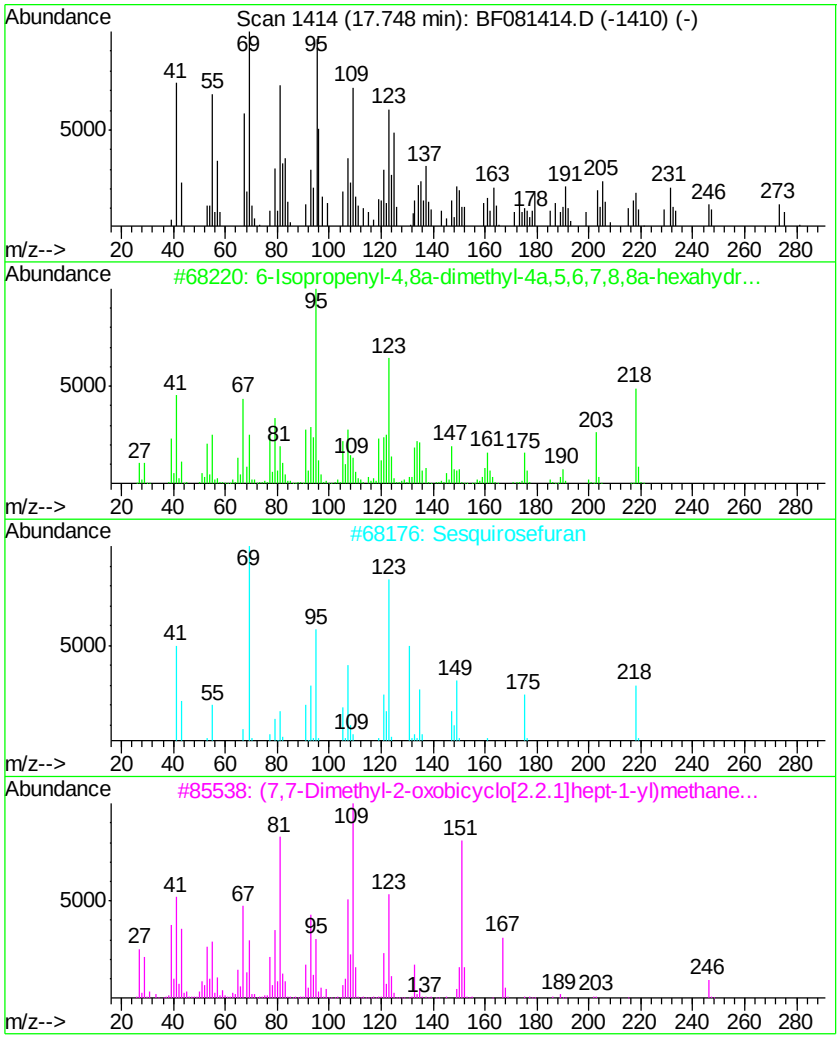
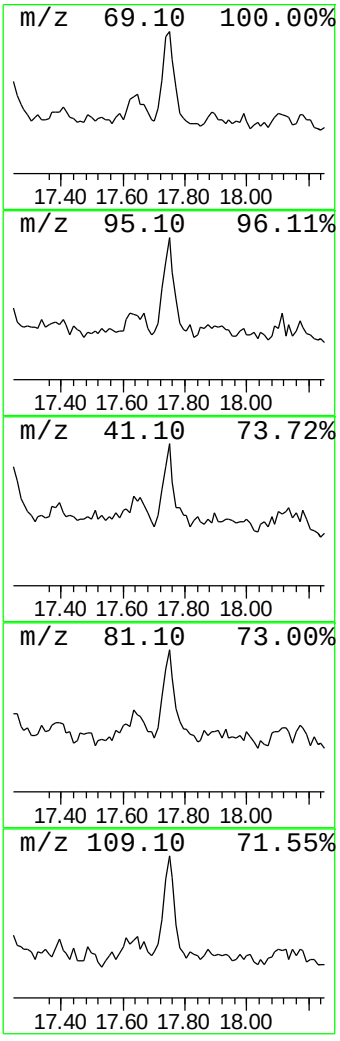
Peak Number 20 unknown17.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	14.45 ng	216504	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	47
2	Sesquirosefuran	218	C15H22O	039007-93-7	46
3	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	246	C11H18O4S	1000197-55-6	45
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
5	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090315\
Data File : BF081414.D
Acq On : 4 Sep 2015 10:59
Operator : UM/IZ
Sample : G3505-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS02-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.42	79.5	ng	1514320	1	6.36	380907	20.0
unknown6.14	6.14	108.5	ng	2065870	1	6.36	380907	20.0
n-Hexadecanoic acid	11.44	14.9	ng	469010	4	10.87	629018	20.0
1-Docosene	13.37	23.1	ng	714808	5	13.47	620072	20.0
17-Pentatriacontene	14.00	33.3	ng	1030980	5	13.47	620072	20.0
1-Octadecanol	14.59	76.3	ng	1142510	6	14.78	299673	20.0
2-Heptadecanone	14.63	13.5	ng	201939	6	14.78	299673	20.0
Oxirane, heptadecyl-	15.01	23.4	ng	350755	6	14.78	299673	20.0
Heptacosane	15.18	38.4	ng	574932	6	14.78	299673	20.0
Chloroacetic acid...	15.22	37.2	ng	556994	6	14.78	299673	20.0
2-Hexadecanone	15.26	19.0	ng	284054	6	14.78	299673	20.0
1,19-Eicosadiene	15.75	35.0	ng	524381	6	14.78	299673	20.0
Hexatriacontane	15.97	15.8	ng	237159	6	14.78	299673	20.0
5-Eicosene, (E)-	16.03	21.9	ng	327653	6	14.78	299673	20.0
Oxirane, tetramet...	16.09	32.4	ng	486038	6	14.78	299673	20.0
Kauren-18-ol, ace...	16.30	17.0	ng	254856	6	14.78	299673	20.0
unknown17.02	17.02	11.9	ng	178830	6	14.78	299673	20.0
unknown17.23	17.23	15.9	ng	238407	6	14.78	299673	20.0
unknown17.75	17.75	14.4	ng	216504	6	14.78	299673	20.0