LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

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-BF040115.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	1.013	10	11	14	rVB	192675	246916	21.19%	1.143%
2	1.127	19	21	24	rVB	72160	92647	7.95%	0.429%
3	1.264	31	33	36	rVB	46255	56919	4.88%	0.263%
4	1.527	54	56	63	rVV	29915	49827	4.28%	0.231%
5	1.618	63	64	83	rVB	505177	840224	72.11%	3.888%
6	4.521	316	318	324	rBV	47127	82878	7.11%	0.384%
7	5.127	369	371	381	rBV	523795	664980	57.07%	3.077%
8	6.465	486	488	494	rBV	646762	717644	61.59%	3.321%
9	6.579	496	498	501	rVB	784871	754607	64.76%	3.492%
10	6.865	520	523	525	rBV	197153	224932	19.30%	1.041%
11	7.047	536	539	541	rBV	605741	579035	49.69%	2.679%
12	7.562	581	584	587	rBV	505842	449545	38.58%	2.080%
13	8.442	658	661	663	rBV	322958	327007	28.06%	1.513%
14	9.162	721	724	726	rBV2	10579	15127	1.30%	0.070%
15	9.391	743	744	749	rBV3	8679	14366	1.23%	0.066%
16	9.779	776	778	781	rVB	678462	897560	77.03%	4.153%
17	10.293	821	823	828	rVB	46699	52776	4.53%	0.244%
18	10.419	832	834	836	rBV	13171	13552	1.16%	0.063%
19	10.591	847	849	852	rVB	323793	380315	32.64%	1.760%
20	11.494	926	928	931	rVB	34356	43373	3.72%	0.201%
21	11.574	932	935	937	rBV	557789	591799	50.79%	2.738%
22	11.791	949	954	958	rVB3	4863	12238	1.05%	0.057%
23	11.939	965	967	969	rBV	45638	50193	4.31%	0.232%
24	12.099	979	981	983	rBV	9409	13860	1.19%	0.064%
25	12.419	1007	1009	1011	rBV	428685	418026	35.88%	1.934%
26	12.454	1011	1012	1014	rVV	38117	34828	2.99%	0.161%
27	12.511	1014	1017	1018	rVV2	41126	54815	4.70%	0.254%
28	12.545	1018	1020	1021	rVV	310152	296816	25.47%	1.373%
29	12.579	1021	1023	1025	rVV	79110	110429	9.48%	0.511%
30	12.671	1028	1031	1034	rVV	65045	74676	6.41%	0.346%
31	12.774	1038	1040	1045	rVB	115445	119896	10.29%	0.555%
32	12.979	1057	1058	1062	rVB3	9717	13091	1.12%	0.061%
33	13.082	1065	1067	1069	rBV	10533	11885	1.02%	0.055%
34	13.174	1073	1075	1082	rBV2	99063	149633	12.84%	0.692%

LSC Area Percent Report

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Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.391	1091	1094	1096	rBV3	8330	16492	1.42%	0.076%
36	13.482	1100	1102	1107	rVB4	7931	18835	1.62%	0.087%
37	13.734	1122	1124	1125	rBV2	8937	12435	1.07%	0.058%
38	13.780	1125	1128	1129	rVV2	8038	14622	1.25%	0.068%
39	13.917	1138	1140	1146	rVB	155669	199444	17.12%	0.923%
40	14.031	1148	1150	1152	rVV	7085	11807	1.01%	0.055%
41	14.077	1152	1154	1159	rVB3	10920	20179	1.73%	0.093%
42	14.157	1159	1161	1162	rBV	9718	16780	1.44%	0.078%
43	14.191	1162	1164	1166	rVV	145710	172658	14.82%	0.799%
44	14.260	1166	1170	1172	rVV4	14076	29714	2.55%	0.137%
45	14.420	1181	1184	1186	rBV	766116	1071482	91.96%	4.958%
46	14.465	1186	1188	1191	rVB2	11914	24950	2.14%	0.115%
47	14.614	1196	1201	1203	rBV	28233	51456	4.42%	0.238%
48	14.694	1206	1208	1210	rBV	45578	44982	3.86%	0.208%
49	14.740	1210	1212	1213	rBV2	23963	29417	2.52%	0.136%
50	14.774	1213	1215	1217	rVB2	20741	32926	2.83%	0.152%
51	14.820	1217	1219	1220	rBV2	21593	25148	2.16%	0.116%
52	14.842	1220	1221	1223	rVB	14026	15872	1.36%	0.073%
53	14.911	1223	1227	1228	rBV3	14448	25525	2.19%	0.118%
54	15.014	1232	1236	1239	rBV3	25545	70588	6.06%	0.327%
55	15.117	1242	1245	1246	rBV3	10184	17580	1.51%	0.081%
56	15.151	1246	1248	1252	rBV2	29263	68002	5.84%	0.315%
57	15.345	1263	1265	1266	rBV	34427	41943	3.60%	0.194%
58	15.425	1269	1272	1273	rVV2	29584	48914	4.20%	0.226%
59	15.460	1273	1275	1277	rVV2	20561	29015	2.49%	0.134%
60	15.505	1277	1279	1281	rVB	20459	32975	2.83%	0.153%
61	15.597	1283	1287	1290	rBV2	159942	293678	25.20%	1.359%
62	15.677	1292	1294	1296	rVV2	451924	764445	65.61%	3.537%
63	15.757	1299	1301	1303	rVB	128728	166975	14.33%	0.773%
64	15.803	1303	1305	1307	rVB	35714	43664	3.75%	0.202%
65	15.860	1307	1310	1314	rBV5	24442	62667	5.38%	0.290%
66	15.940	1315	1317	1319	rVB	21474	26302	2.26%	0.122%
67	16.008	1319	1323	1327	rBV2	39677	85364	7.33%	0.395%
68	16.088	1328	1330	1333	rBV3	13636	32564	2.79%	0.151%
69	16.168	1335	1337	1340	rBV2	31491	66783	5.73%	0.309%
70	16.214	1340	1341	1344	rBV2	14226	21679	1.86%	0.100%
71	16.397	1355	1357	1362	rVB	121817	207068	17.77%	0.958%

LSC Area Percent Report

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Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.557	1369	1371	1373	rBV2	25871	35968	3.09%	0.166%
73	16.740	1385	1387	1389	rBV2	73906	99419	8.53%	0.460%
74	16.786	1389	1391	1395	rVV3	43674	92529	7.94%	0.428%
75	16.854	1395	1397	1400	rVB	49922	63109	5.42%	0.292%
76	16.946	1402	1405	1410	rBV	300808	586556	50.34%	2.714%
77	17.060	1413	1415	1418	rVB	31501	34239	2.94%	0.158%
78	17.163	1422	1424	1430	rVV2	324951	672948	57.75%	3.114%
79	17.254	1430	1432	1435	rVV	165578	209853	18.01%	0.971%
80	17.311	1435	1437	1440	rVV	194081	244871	21.01%	1.133%
81	17.380	1440	1443	1449	rVB2	415606	632022	54.24%	2.925%
82	17.540	1455	1457	1459	rBV2	63266	102962	8.84%	0.476%
83	17.723	1470	1473	1477	rBV3	83887	174348	14.96%	0.807%
84	17.803	1477	1480	1483	rVV3	115181	211121	18.12%	0.977%
85	17.917	1488	1490	1492	rVV	334748	549404	47.15%	2.542%
86	17.963	1492	1494	1498	rVB2	136245	209794	18.00%	0.971%
87	18.111	1505	1507	1511	rVB	160452	253779	21.78%	1.174%
88	18.580	1545	1548	1549	rBV	67308	107456	9.22%	0.497%
89	18.614	1549	1551	1555	rVB2	99399	188331	16.16%	0.871%
90	18.820	1566	1569	1574	rVB	96226	206654	17.74%	0.956%
91	18.969	1580	1582	1586	rVB	136072	256211	21.99%	1.186%
92	19.129	1593	1596	1602	rBV2	348519	1165221	100.00%	5.392%
93	19.460	1621	1625	1628	rBV3	87553	285438	24.50%	1.321%
94	19.552	1630	1633	1639	rVB3	241615	609205	52.28%	2.819%
95	19.689	1643	1645	1647	rBV2	49232	100920	8.66%	0.467%
96	19.757	1647	1651	1658	rVV5	157609	653515	56.09%	3.024%
97	19.940	1662	1667	1672	rVB3	163617	605963	52.00%	2.804%
98	20.592	1721	1724	1731	rVB4	76761	228022	19.57%	1.055%
99	20.729	1732	1736	1747	rVB2	188012	659376	56.59%	3.051%

Sum of corrected areas: 21610579

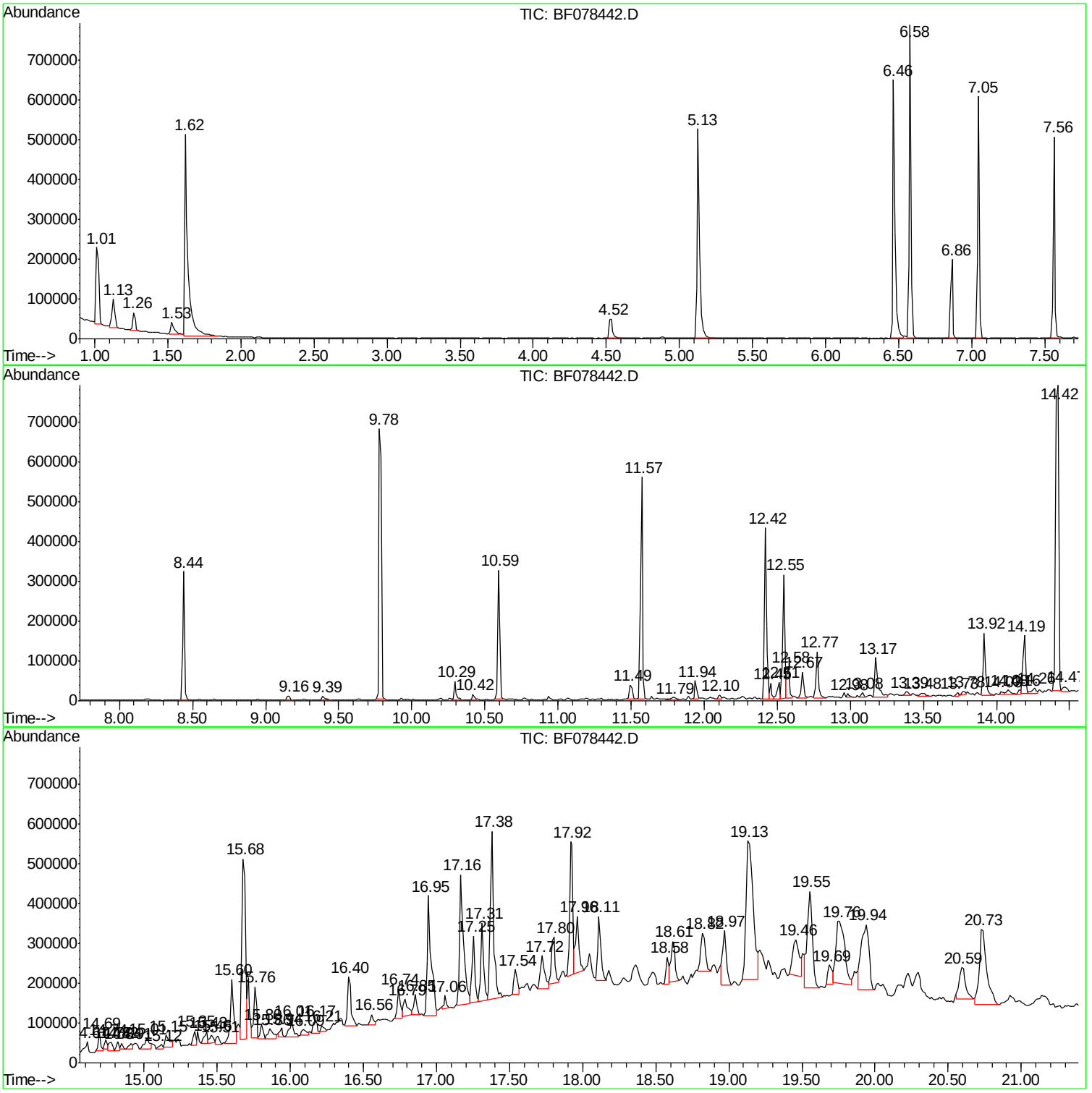
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

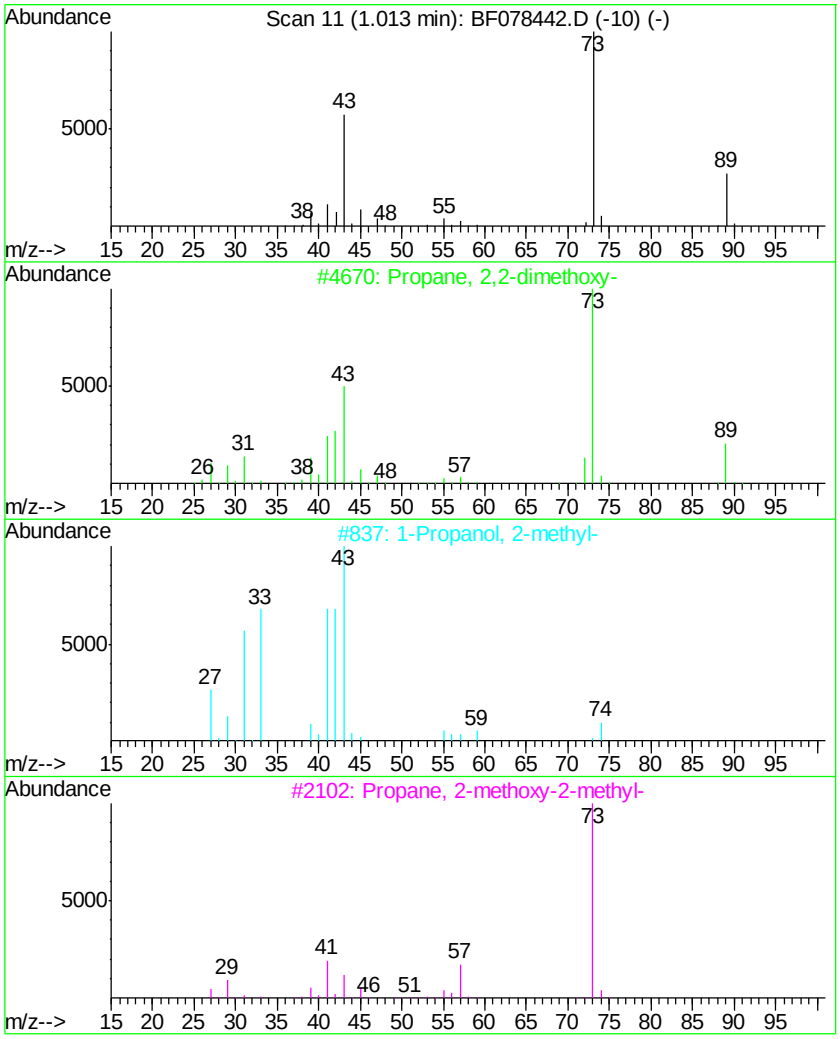
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

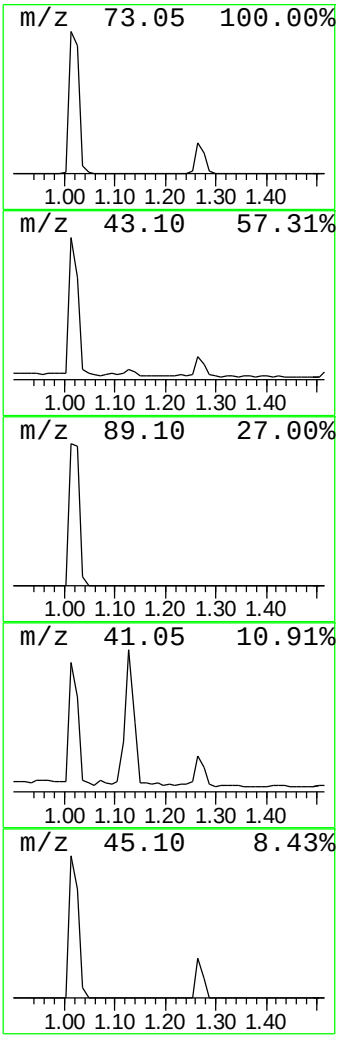
****

Peak Number 1 unknown1.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.01	21.95 ng	246916	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

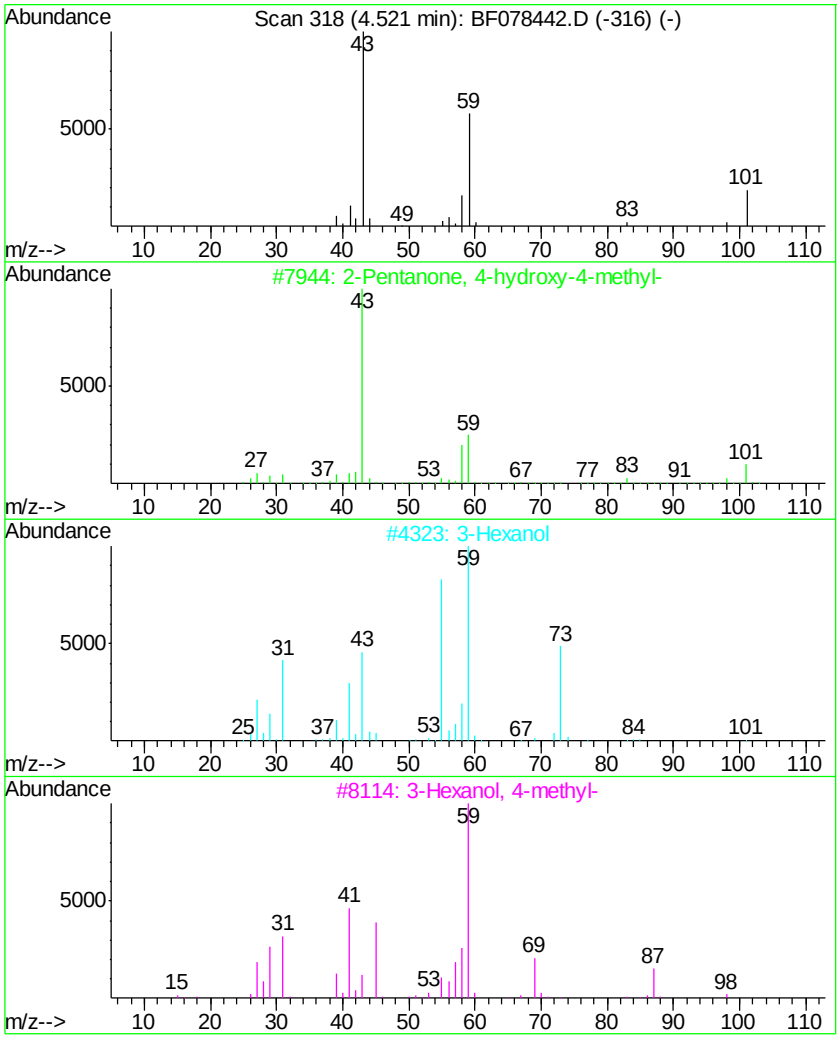
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

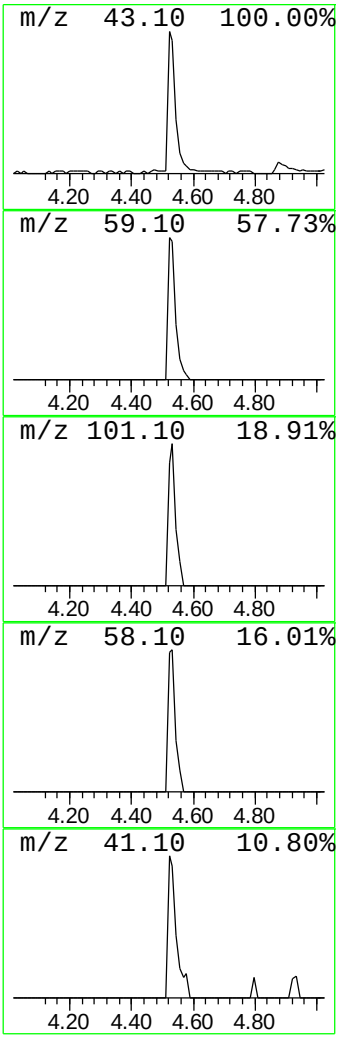
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	7.37 ng	82878	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	3-Heptanol	116	C7H16O	000589-82-2	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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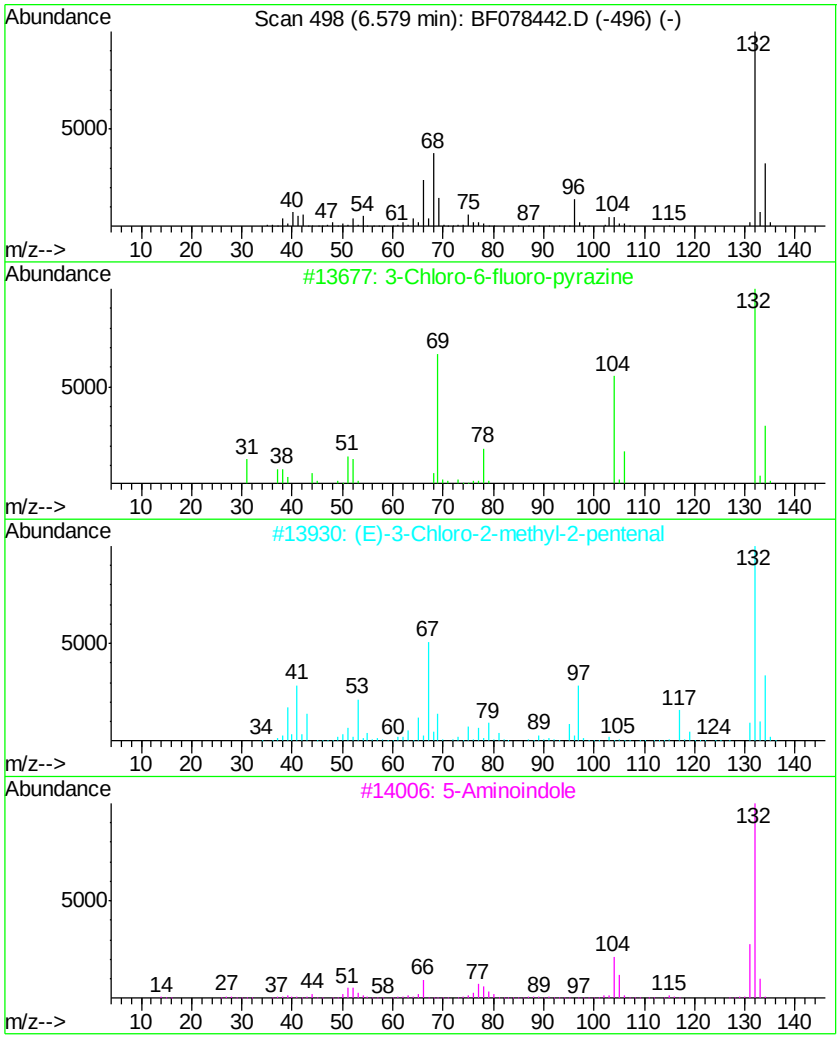
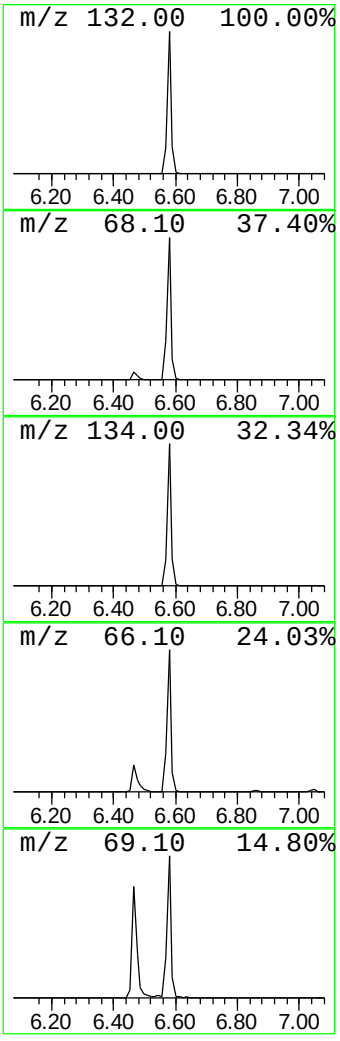
Peak Number 5 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	67.10 ng	754607	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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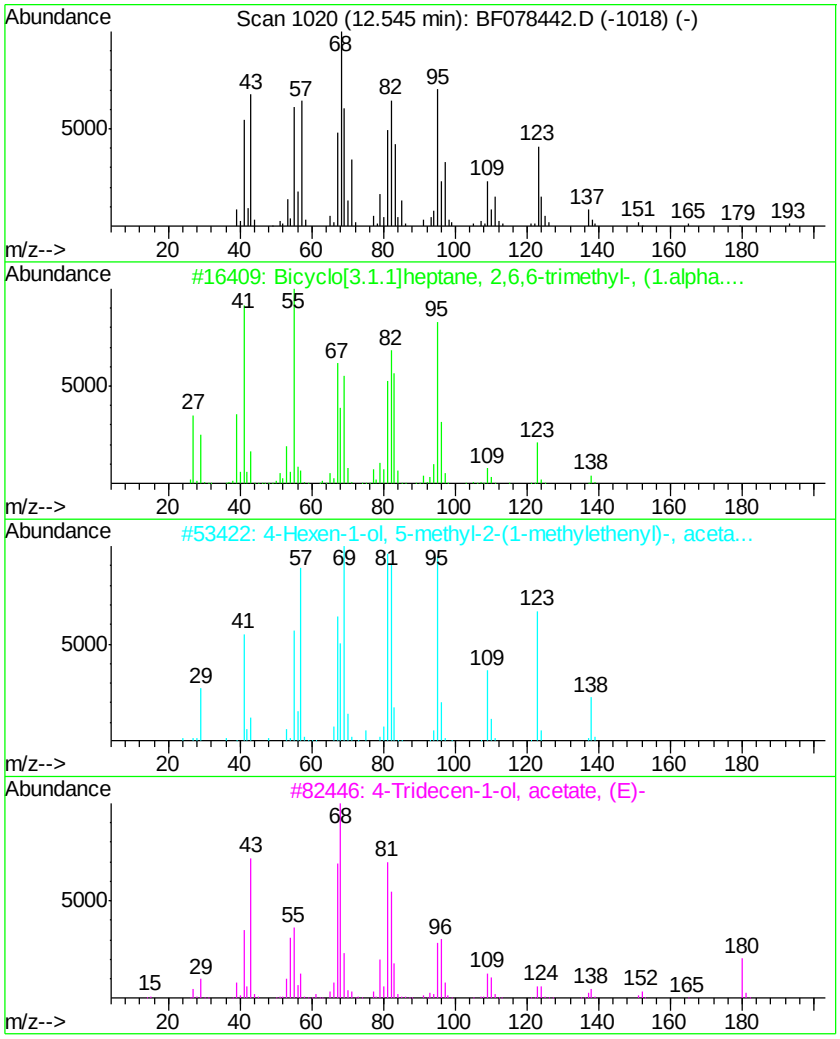
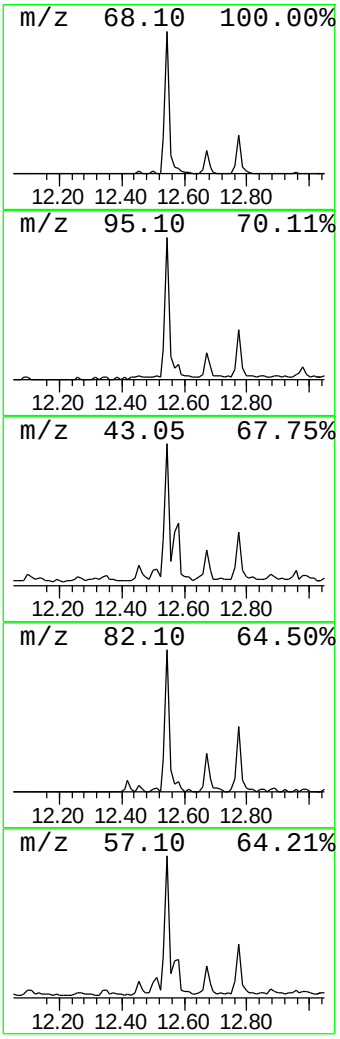
Peak Number 7 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	14.20 ng	296816	Phenanthrene-d10	12.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	60
2	4-Hexen-1-ol, 5-methyl-2-(1-meth...	196	C12H20O2	020777-39-3	53
3	4-Tridecen-1-ol, acetate, (E)-	240	C15H28O2	072269-48-8	47
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	46
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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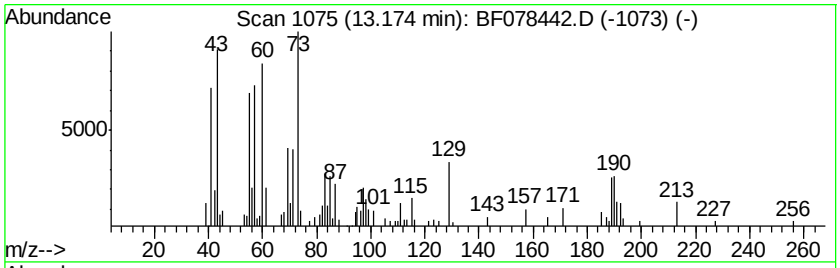
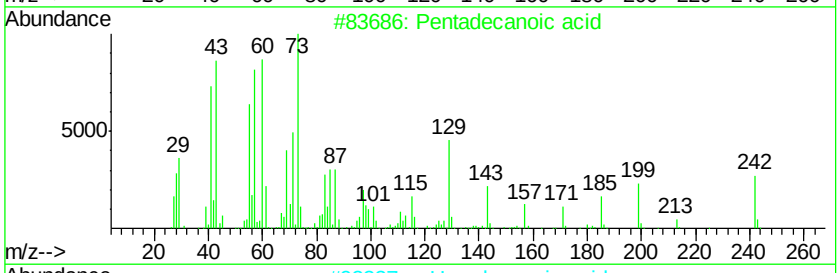
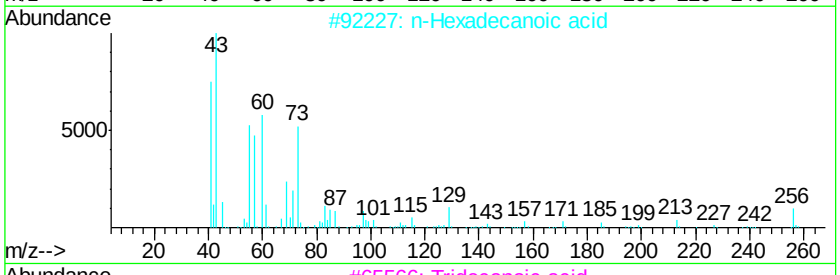
Peak Number 8 Pentadecanoic acid Concentration Rank 19

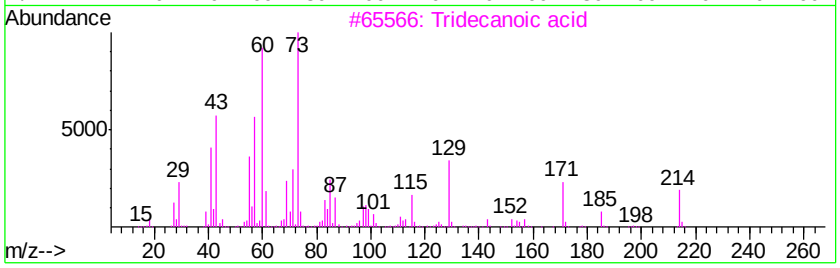
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	7.16 ng	149633	Phenanthrene-d10	12.42

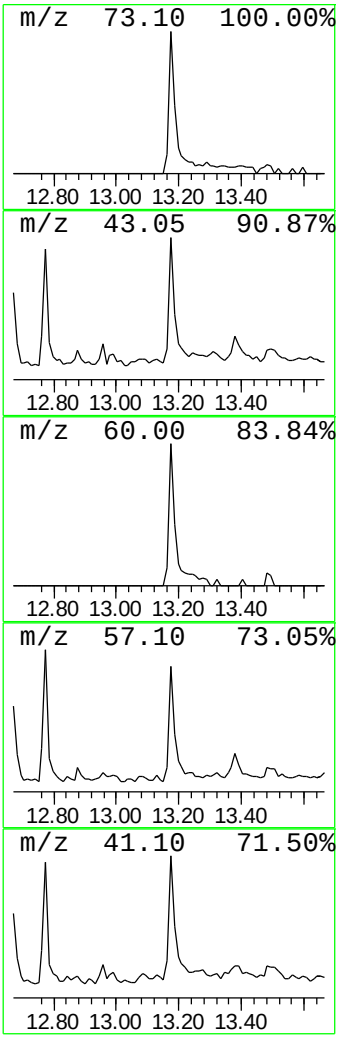
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	35











Library Search Compound Report

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Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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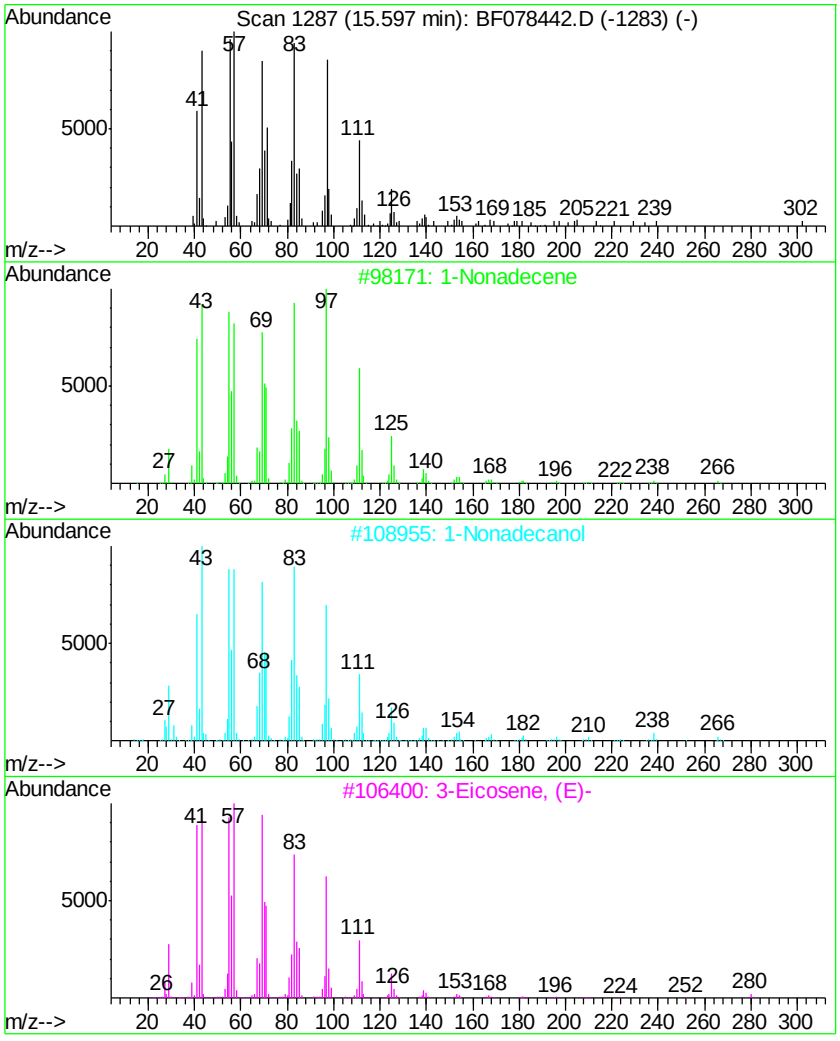
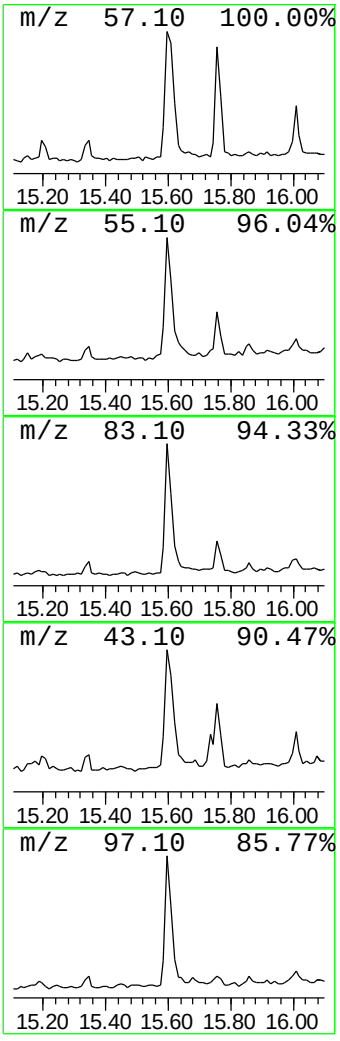
Peak Number 9 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.68 ng	293678	Chrysene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	1-Nonadecanol	284	C19H40O	001454-84-8	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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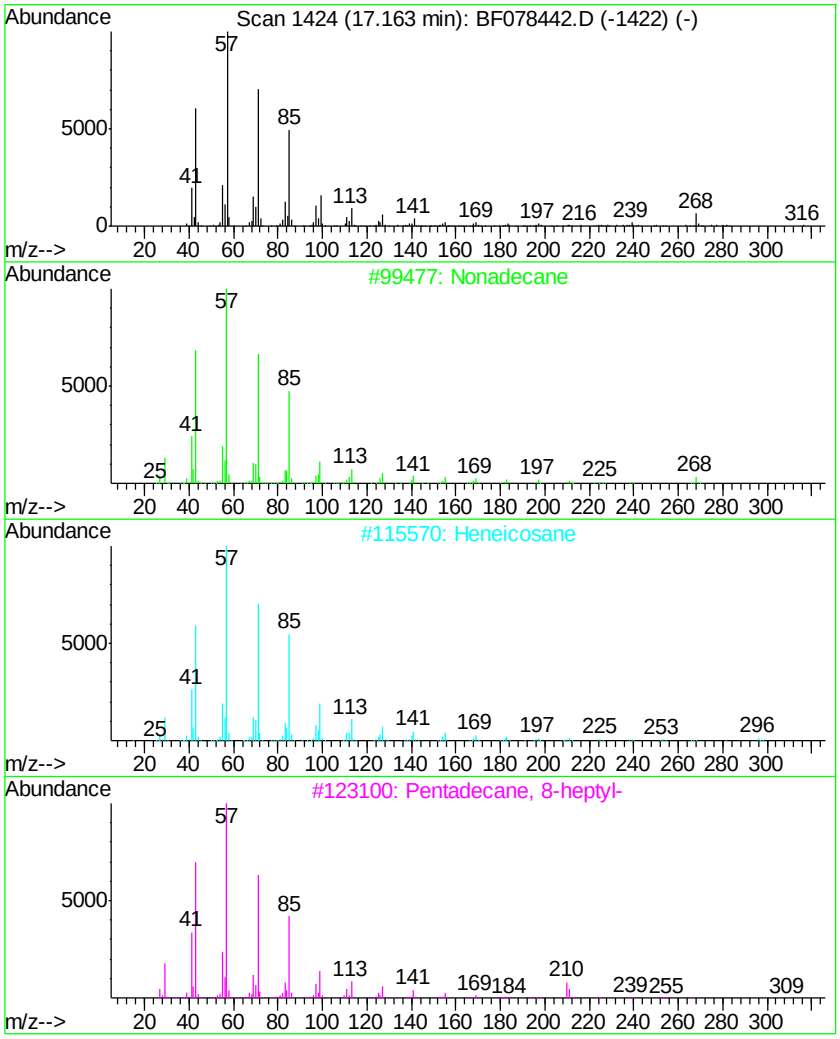
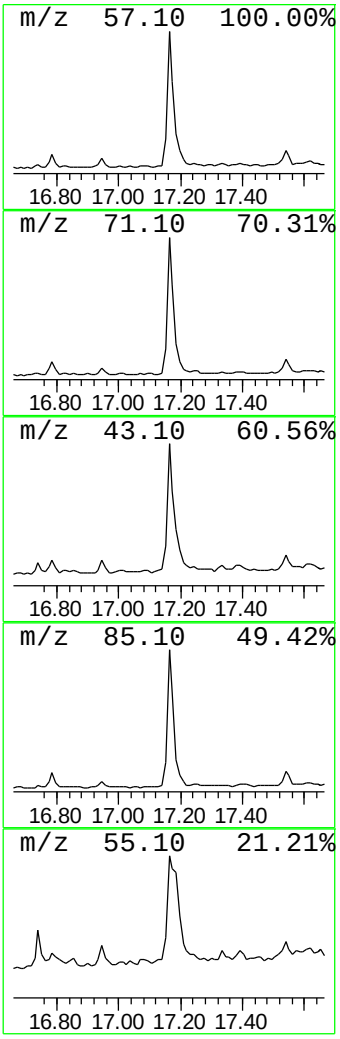
Peak Number 10 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	21.30 ng	672948	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

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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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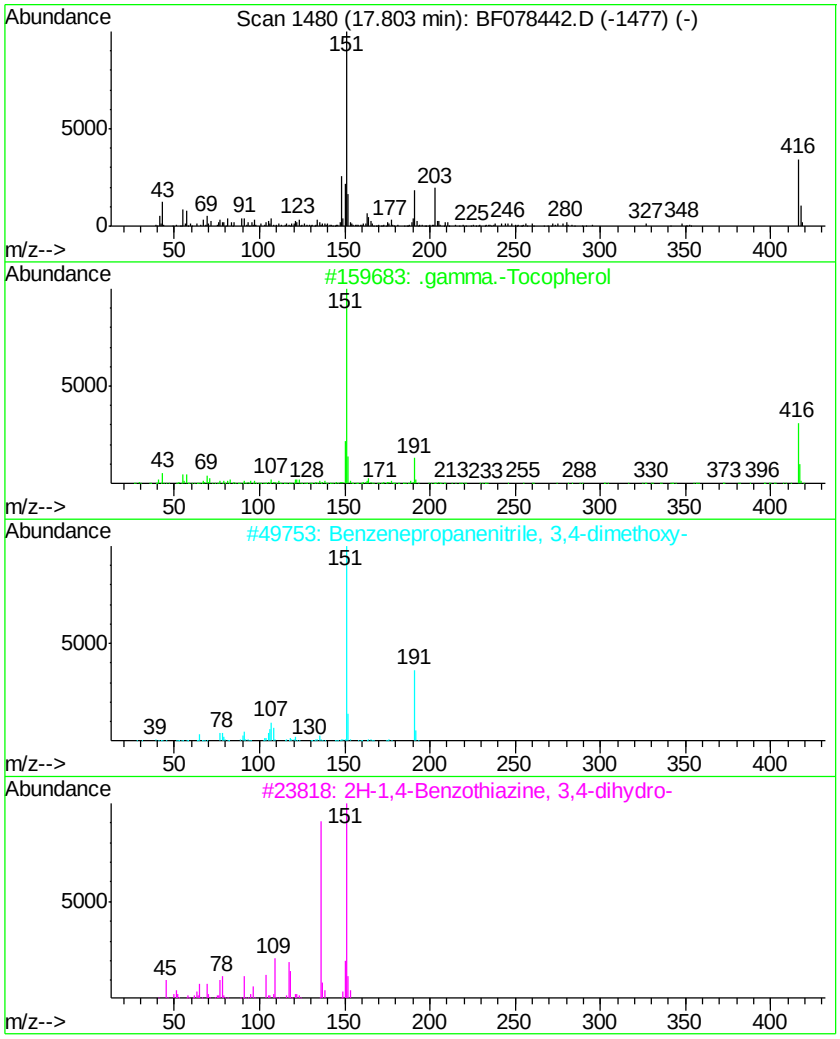
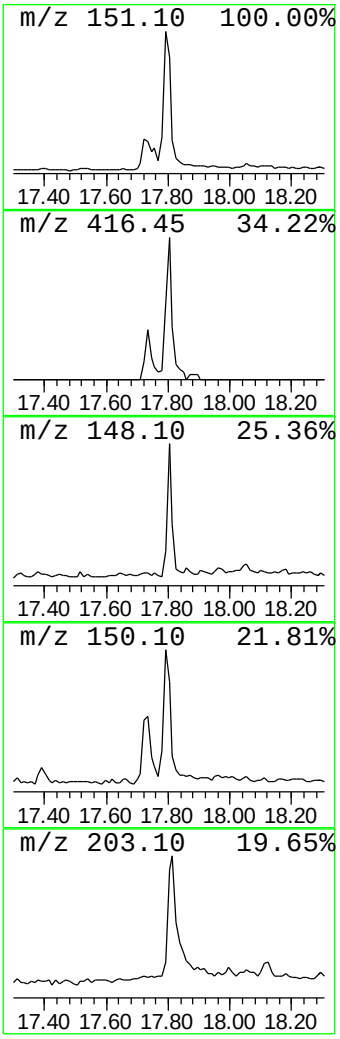
Peak Number 11 .gamma.-Tocopherol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	6.68 ng	211121	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	98
2	Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	43
3	2H-1,4-Benzothiazine, 3,4-dihydro-	151	C8H9NS	003080-99-7	37
4	2',6'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	029183-78-6	35
5	(S)-(+)-Alpha-methyl-4-nitrobenz...	166	C8H10N2O2	004187-53-5	35





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Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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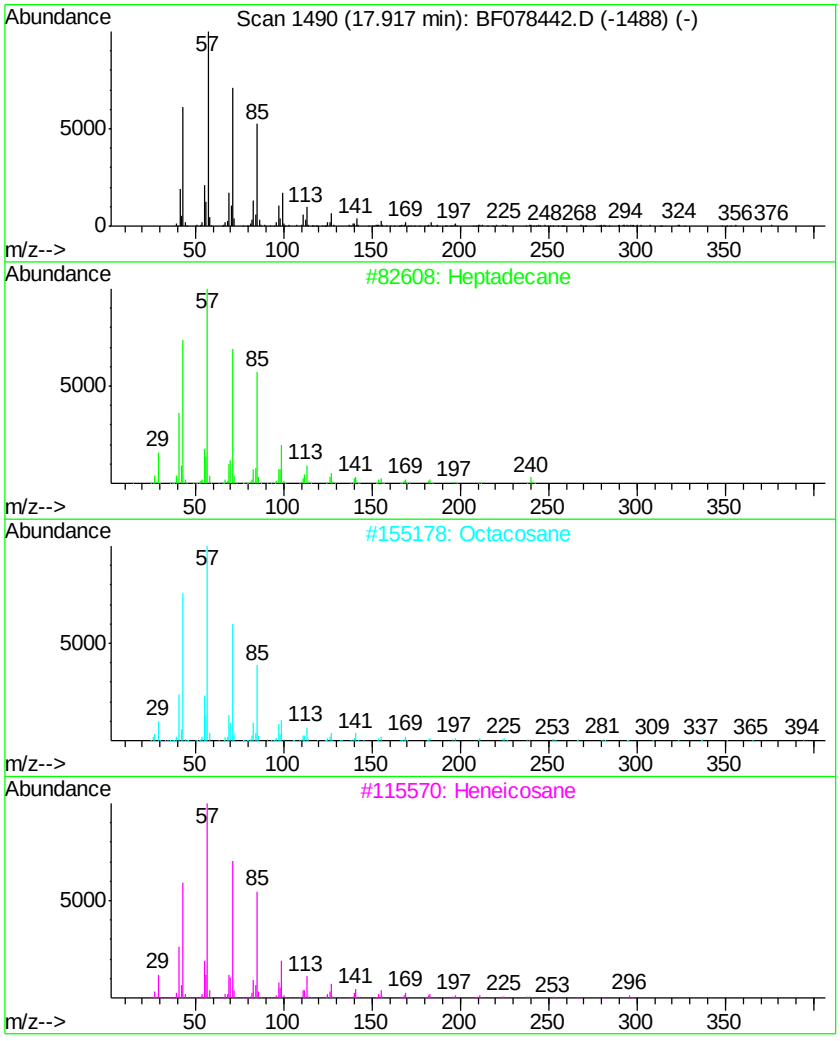
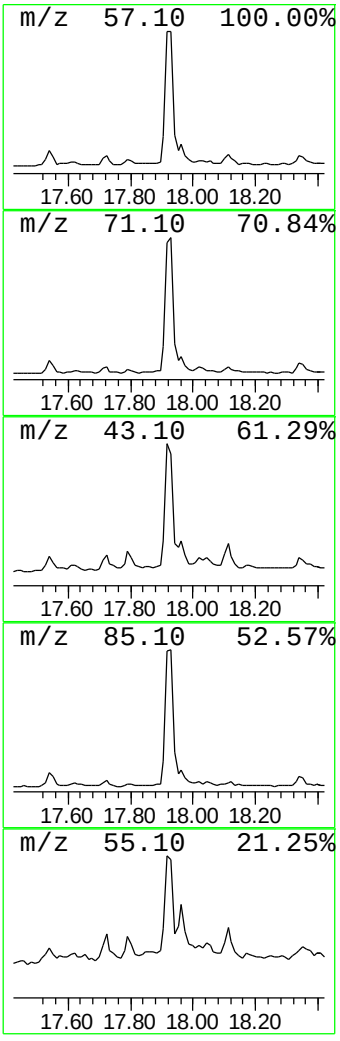
Peak Number 12 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	17.39 ng	549404	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetracosane	338	C24H50	000646-31-1	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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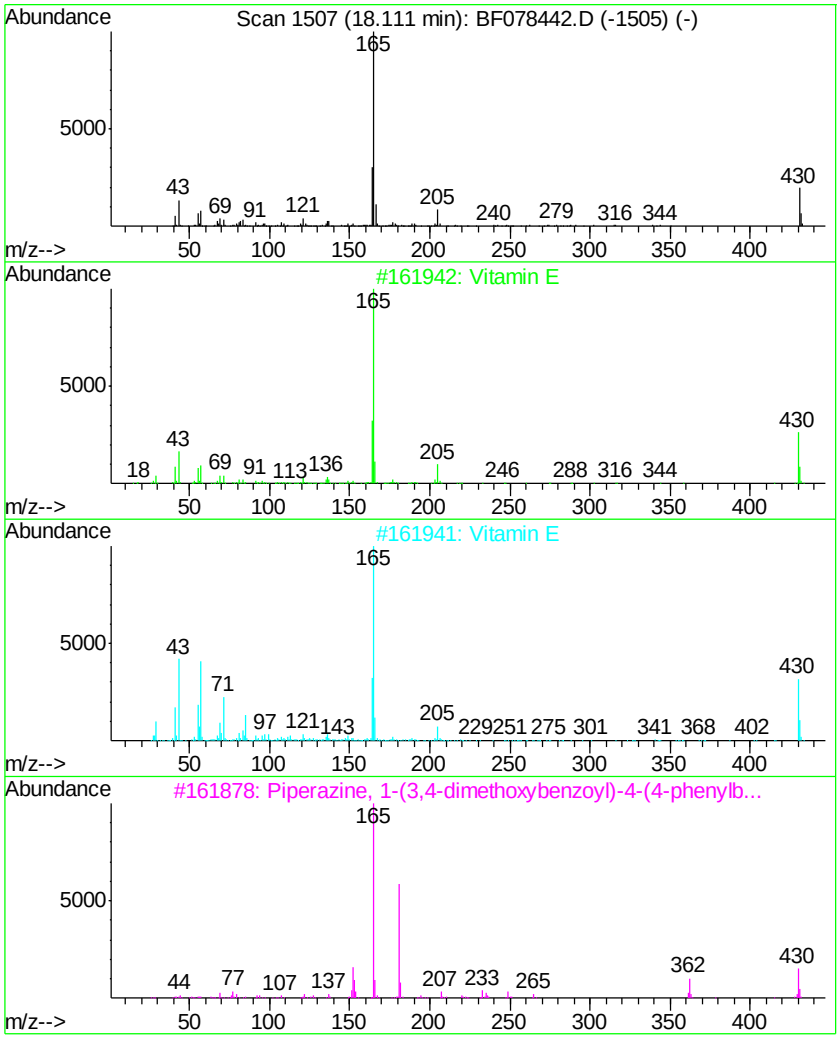
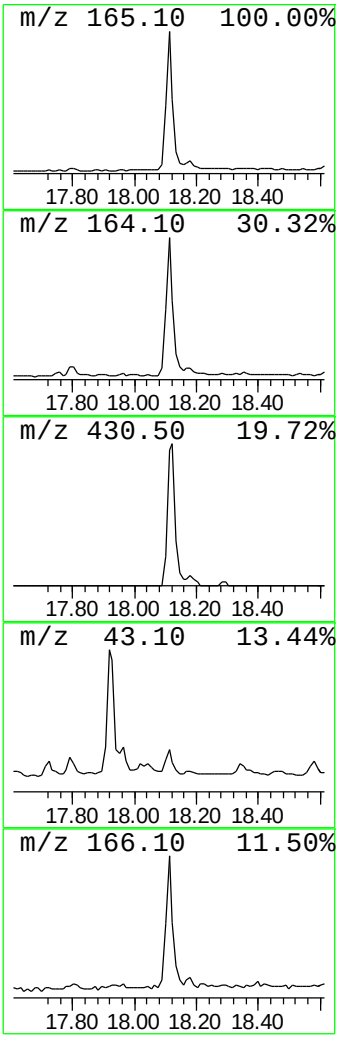
Peak Number 13 Vitamin E Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.03 ng	253779	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	010191-41-0	95
2	Vitamin E	430	C29H50O2	000059-02-9	94
3	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
4	4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	53
5	Isoxaben	332	C18H24N2O4	082558-50-7	47





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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

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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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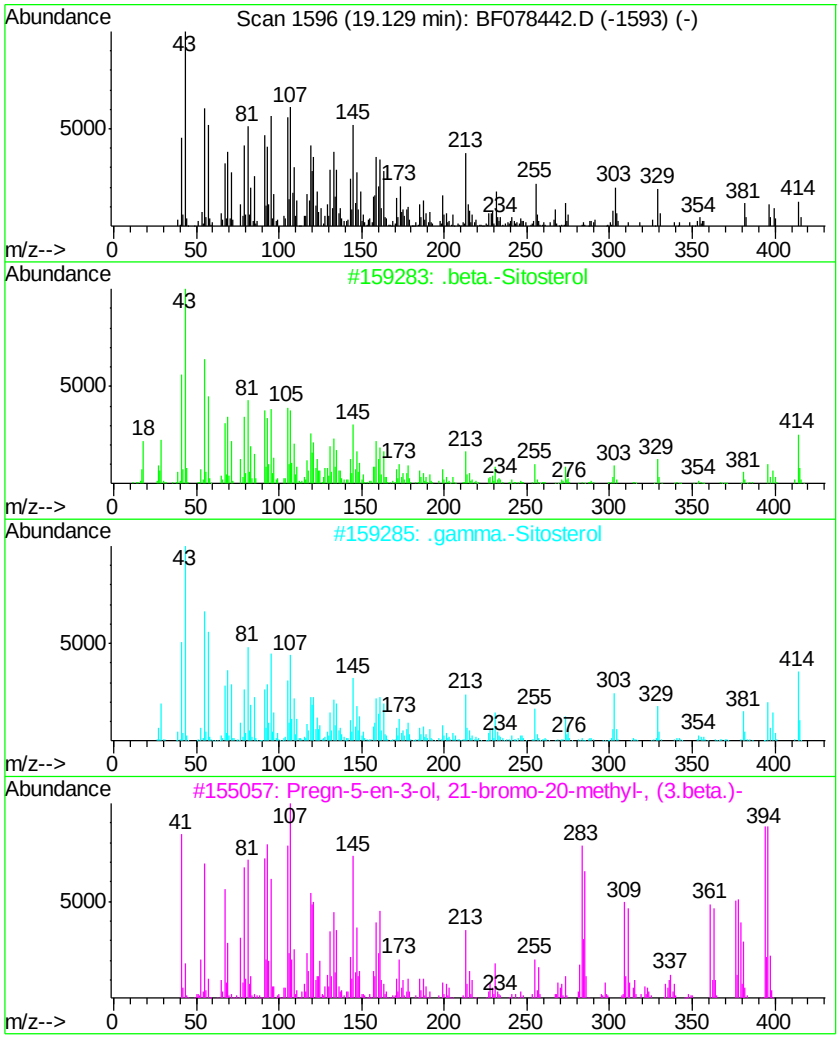
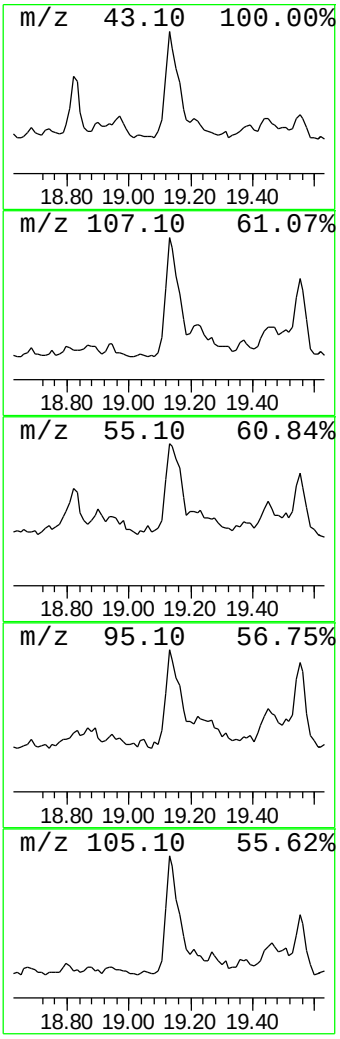
Peak Number 14 .beta.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	36.87 ng	1165220	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	70
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	58
5	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	55





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Sample : G1793-21
Misc :
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Instrument : BNA_F
ClientSampleId : SB-9S

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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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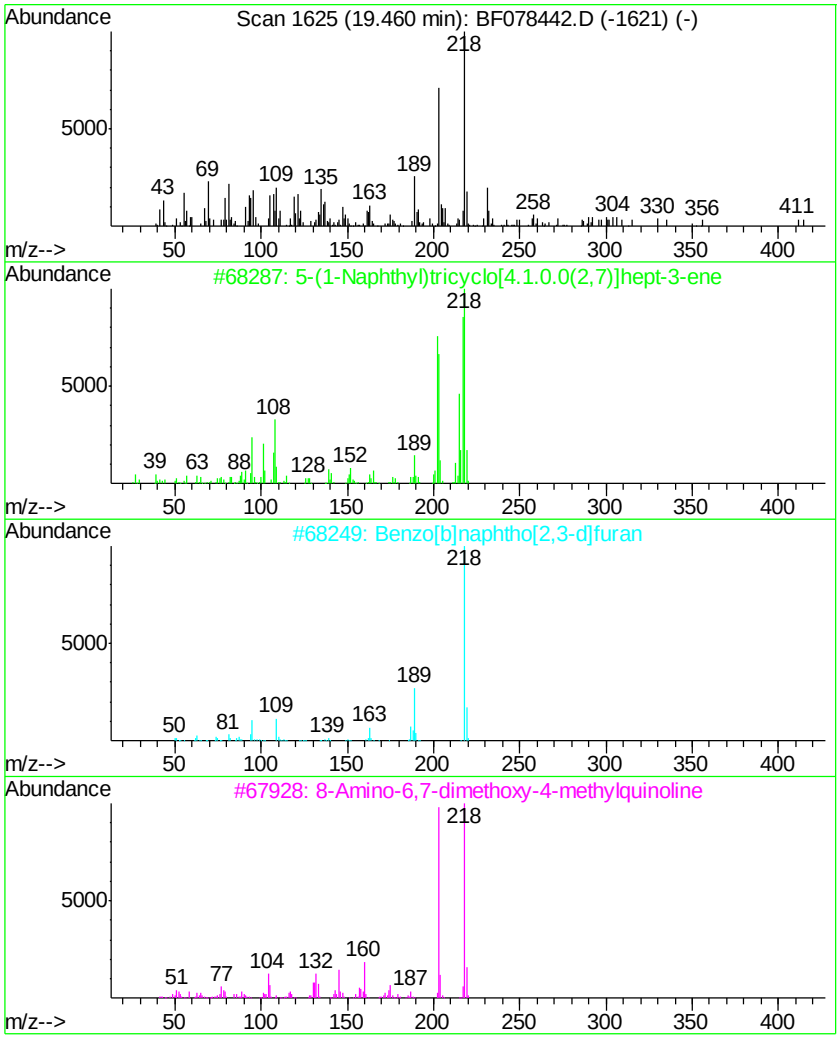
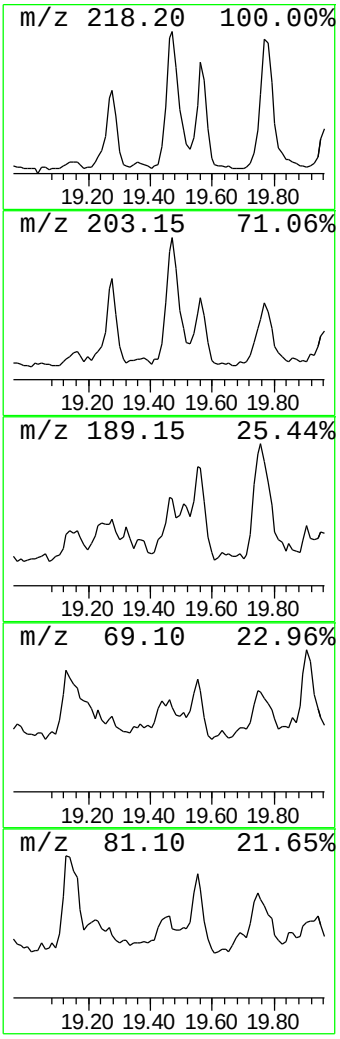
Peak Number 15 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	9.03 ng	285438	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	64
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	60
4	6H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129812-24-4	60
5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	58





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Misc :
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Instrument : BNA_F
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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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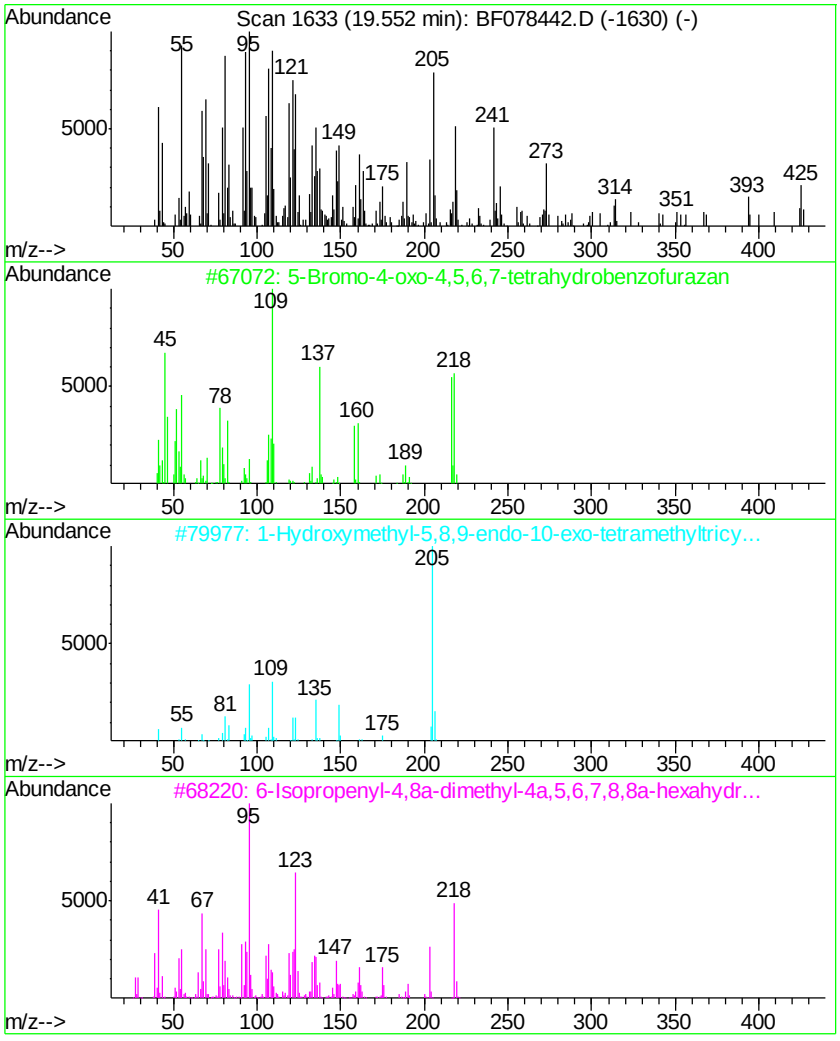
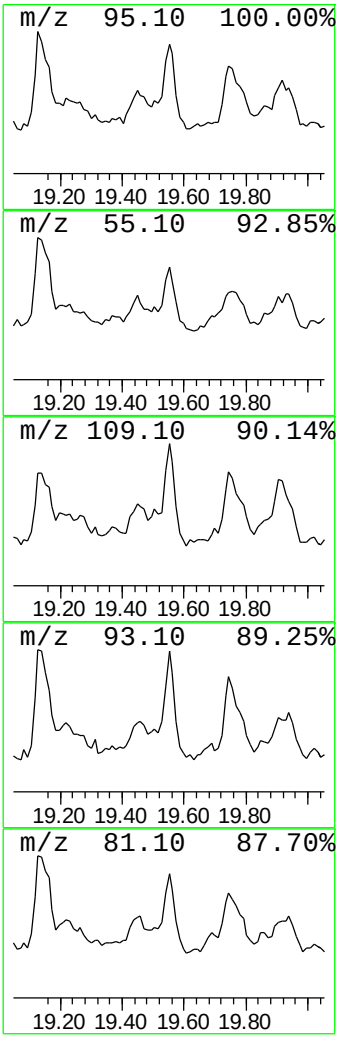
Peak Number 16 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	19.28 ng	609205	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90
2	1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	38
3	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	25
4	Sesquirosefuran	218	C15H22O	039007-93-7	20
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	16





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TIC Integration Parameters: LSCINT.P

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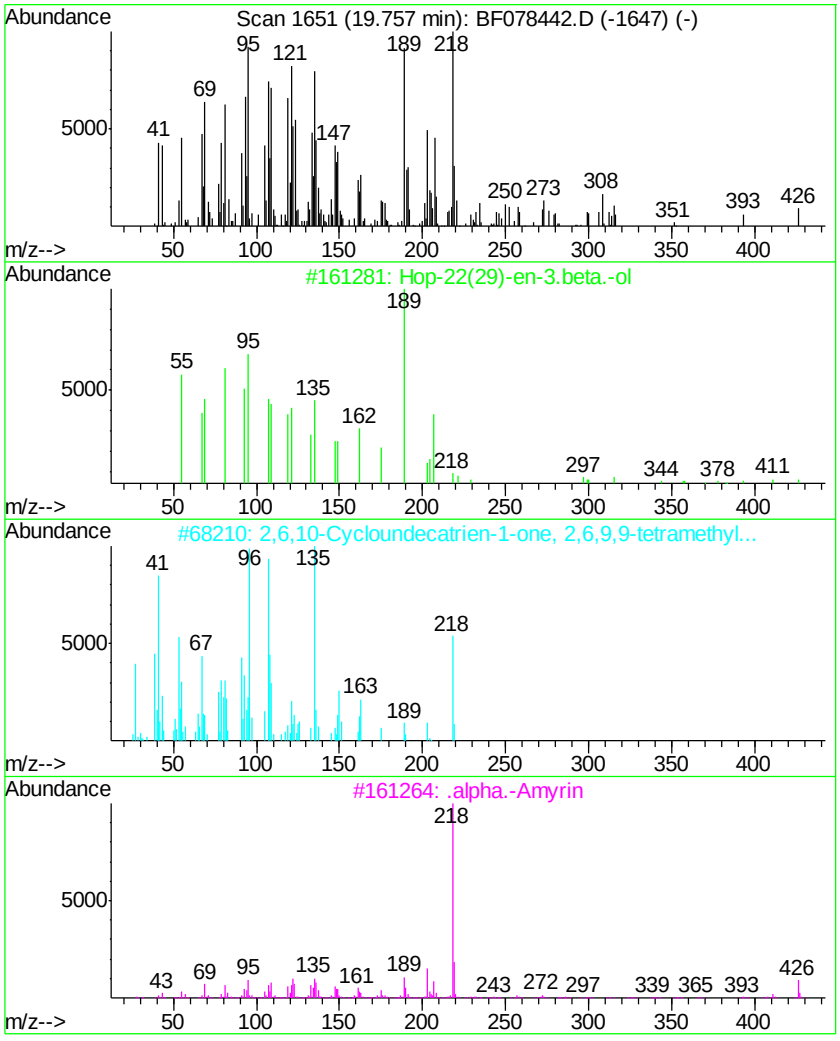
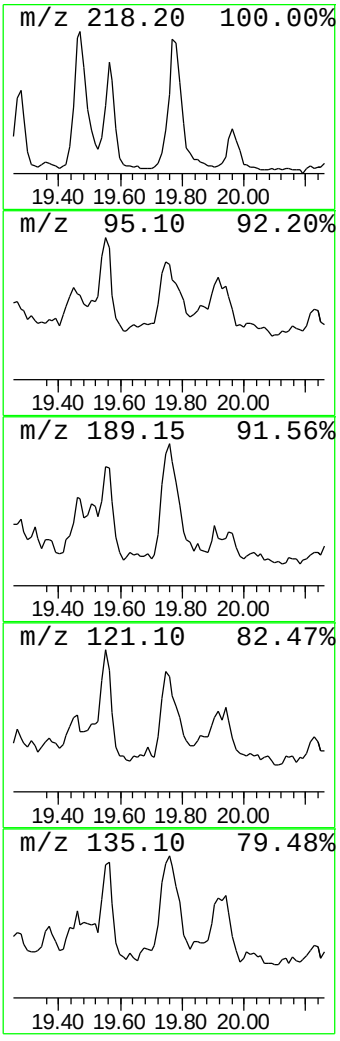
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	20.68 ng	653515	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	90
2	2,6,10-Cycloundecatrien-1-one, 2...	218	C15H22O	000471-05-6	41
3	.alpha.-Amyrin	426	C30H50O	000638-95-9	38
4	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	38
5	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	25





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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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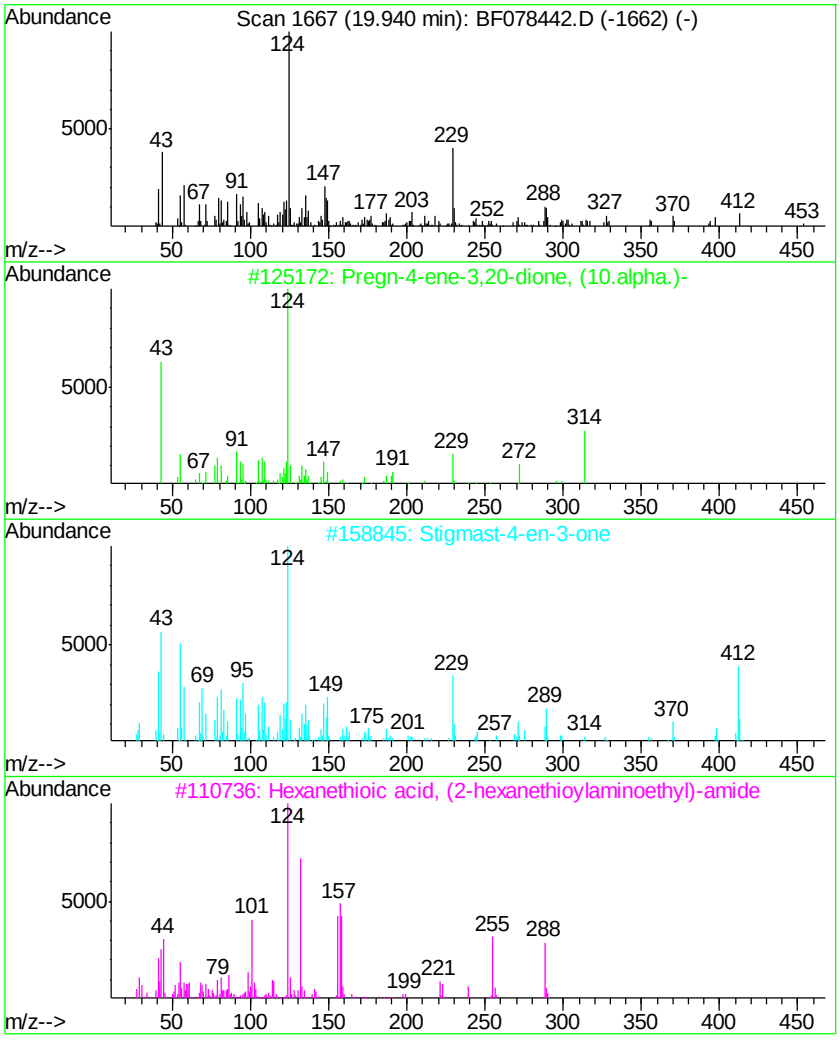
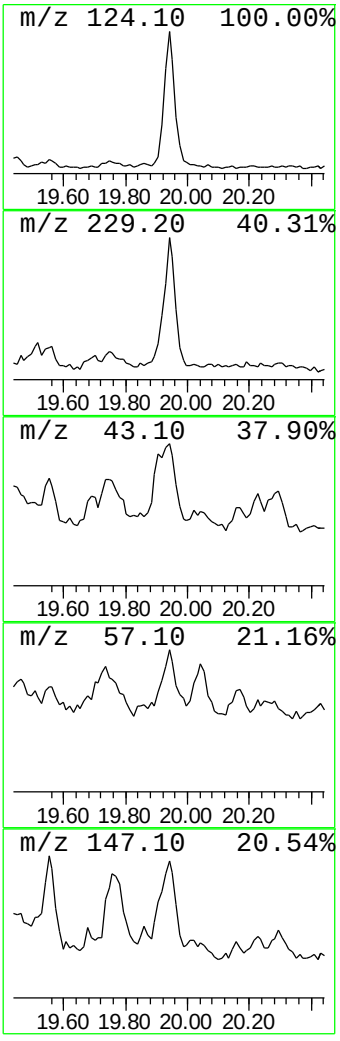
Peak Number 18 Pregn-4-ene-3,20-dione, (10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	19.18 ng	605963	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregn-4-ene-3,20-dione, (10.alph...	314	C21H30O2	003562-13-8	55
2	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	43
3	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	41
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	38
5	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	38





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TIC Library : C:\DATABASE\NIST02.L
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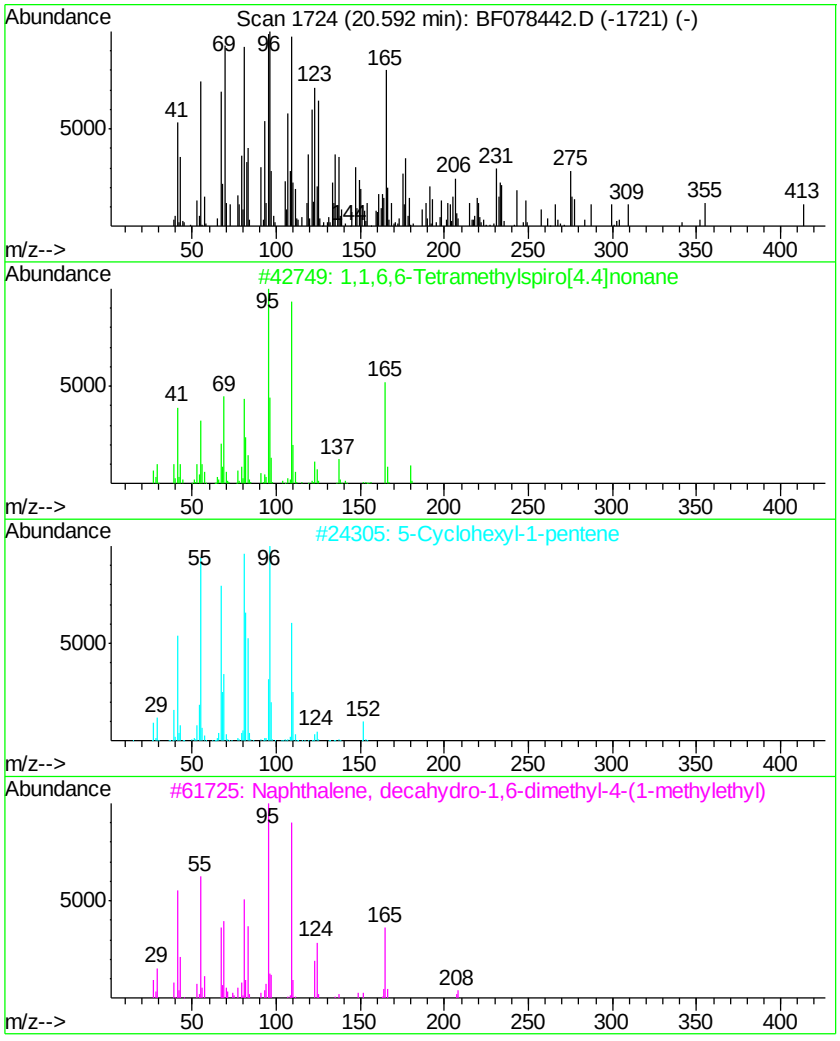
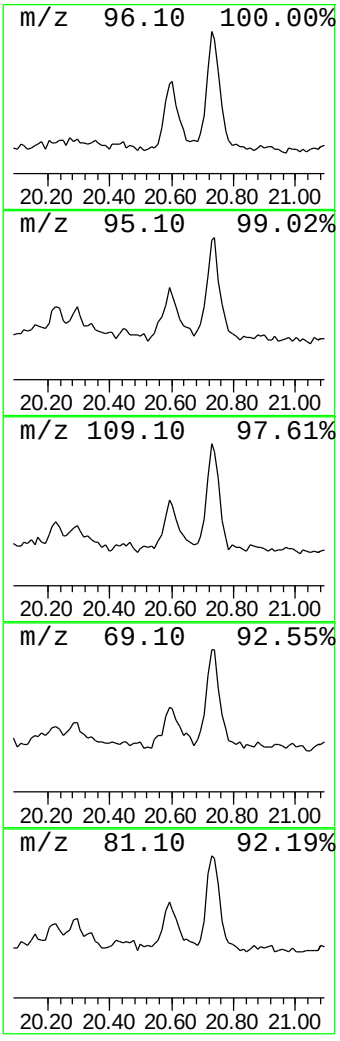
Peak Number 19 unknown20.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	7.22 ng	228022	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	47
2	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	35
3	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	27
4	Benzenamine, 4-butoxy-	165	C10H15NO	004344-55-2	25
5	p-Formophenetidide	165	C9H11NO2	061587-14-2	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

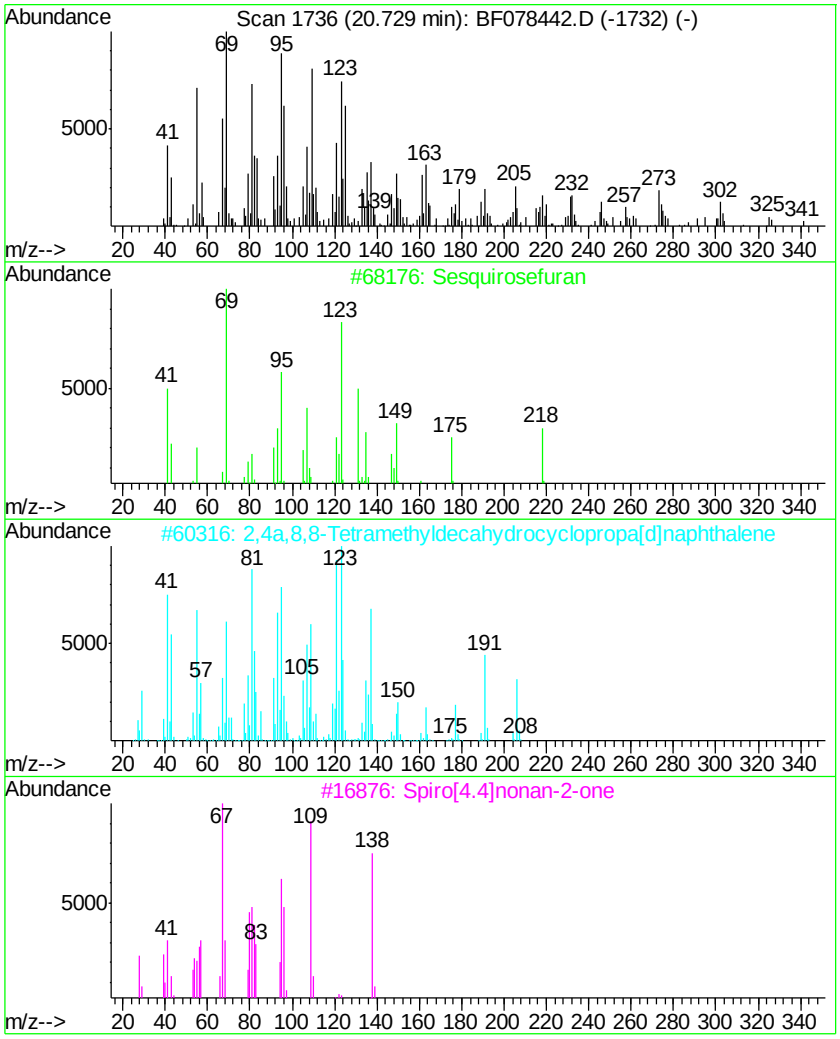
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

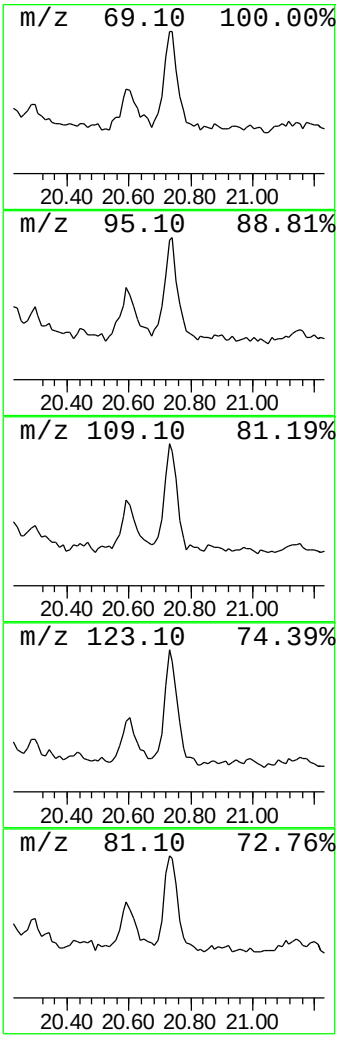
****

Peak Number 20 Sesquirosefuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	20.87 ng	659376	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sesquirosefuran	218	C15H22O	039007-93-7	64
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	55
3	Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	42
4	Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	38
5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078442.D
Acq On : 11 Apr 2015 14:10
Operator : TP/IZ
Sample : G1793-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
unknown1.01	1.01	21.9	ng	246916	1	6.86	224932	20.0
2-Pentanone, 4-hy...	4.52	7.4	ng	82878	1	6.86	224932	20.0
unknown6.58	6.58	67.1	ng	754607	1	6.86	224932	20.0
Bicyclo[3.1.1]hep...	12.55	14.2	ng	296816	4	12.42	418026	20.0
Pentadecanoic acid	13.17	7.2	ng	149633	4	12.42	418026	20.0
1-Nonadecene	15.60	7.7	ng	293678	5	15.69	764445	20.0
Nonadecane	17.16	21.3	ng	672948	6	17.38	632022	20.0
.gamma.-Tocopherol	17.80	6.7	ng	211121	6	17.38	632022	20.0
Heptadecane	17.92	17.4	ng	549404	6	17.38	632022	20.0
Vitamin E	18.11	8.0	ng	253779	6	17.38	632022	20.0
.beta.-Sitosterol	19.13	36.9	ng	1165220	6	17.38	632022	20.0
5-(1-Naphthyl)tri...	19.46	9.0	ng	285438	6	17.38	632022	20.0
5-Bromo-4-oxo-4,5...	19.55	19.3	ng	609205	6	17.38	632022	20.0
Hop-22(29)-en-3.b...	19.76	20.7	ng	653515	6	17.38	632022	20.0
Pregn-4-ene-3,20-...	19.94	19.2	ng	605963	6	17.38	632022	20.0
unknown20.59	20.59	7.2	ng	228022	6	17.38	632022	20.0
Sesquirosefuran	20.73	20.9	ng	659376	6	17.38	632022	20.0