LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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-BF102615.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	4.868	236	239	250	rVV	957268	1576455	7.60%	0.616%
2	5.314	275	278	292	rBV	1898128	2116843	10.21%	0.828%
3	6.000	332	338	340	rBV	7422946	20743053	100.00%	8.110%
4	6.137	346	350	351	rBV	2765879	3080040	14.85%	1.204%
5	6.171	351	353	355	rVB	724152	1001823	4.83%	0.392%
6	6.389	370	372	377	rBV	1627672	2518074	12.14%	0.985%
7	6.492	379	381	385	rVB	2110772	2461392	11.87%	0.962%
8	6.709	398	400	403	rBV	857447	913240	4.40%	0.357%
9	6.789	404	407	409	rVV	3505013	5080048	24.49%	1.986%
10	6.834	409	411	412	rVV	2530303	3289220	15.86%	1.286%
11	6.869	412	414	417	rVB	1608068	1903991	9.18%	0.744%
12	7.177	436	441	446	rBV	916181	1529071	7.37%	0.598%
13	7.314	449	453	457	rVV2	2260660	4383315	21.13%	1.714%
14	7.532	469	472	474	rBV	1603414	1748444	8.43%	0.684%
15	7.566	474	475	478	rVV2	409816	489196	2.36%	0.191%
16	7.703	483	487	489	rBV2	1338476	2675320	12.90%	1.046%
17	7.749	489	491	494	rVV	2072223	2545000	12.27%	0.995%
18	7.806	494	496	497	rVV	331090	436543	2.10%	0.171%
19	7.829	497	498	502	rVV3	375056	874852	4.22%	0.342%
20	7.909	502	505	507	rVV	1441050	2429389	11.71%	0.950%
21	7.943	507	508	510	rVV	1034833	1405573	6.78%	0.550%
22	7.989	510	512	514	rVV2	1840621	3053089	14.72%	1.194%
23	8.057	514	518	521	rVV	4445642	8597738	41.45%	3.362%
24	8.149	521	526	528	rVV2	1459624	2275070	10.97%	0.890%
25	8.252	532	535	541	rVB	1485271	1900638	9.16%	0.743%
26	8.343	541	543	545	rBV2	273446	380734	1.84%	0.149%
27	8.617	564	567	571	rVB3	323921	745672	3.59%	0.292%
28	8.777	575	581	587	rVB	3044678	5246756	25.29%	2.051%
29	8.903	587	592	594	rBV2	1309287	2148288	10.36%	0.840%
30	8.949	594	596	599	rVV2	638030	895410	4.32%	0.350%
31	9.086	603	608	610	rVV	2089581	2998301	14.45%	1.172%
32	9.177	612	616	617	rVV	743020	1067665	5.15%	0.417%
33	9.212	617	619	620	rVV	476198	637188	3.07%	0.249%
34	9.257	620	623	625	rVV	2582354	3314916	15.98%	1.296%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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-BF102615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.303	625	627	632	rVV3	236684	458207	2.21%	0.179%
36	9.372	632	633	636	rVV2	430358	780202	3.76%	0.305%
37	9.429	636	638	641	rVV	883507	1289365	6.22%	0.504%
38	9.658	655	658	661	rVV	3362346	4144967	19.98%	1.621%
39	9.703	661	662	665	rVV2	233271	424864	2.05%	0.166%
40	9.760	665	667	671	rVB2	550217	1081560	5.21%	0.423%
41	9.852	672	675	678	rBV	464044	736911	3.55%	0.288%
42	10.160	689	702	707	rVV2	2942921	15069997	72.65%	5.892%
43	10.389	718	722	724	rBV2	902987	1500003	7.23%	0.586%
44	10.503	730	732	734	rBV	328337	384953	1.86%	0.151%
45	10.549	734	736	739	rVB2	1137493	1432383	6.91%	0.560%
46	10.675	744	747	753	rBV	206926	441837	2.13%	0.173%
47	10.869	761	764	766	rBV2	630903	1020158	4.92%	0.399%
48	10.926	768	769	775	rVB	780965	753681	3.63%	0.295%
49	11.086	780	783	787	rVB4	176487	347531	1.68%	0.136%
50	11.189	789	792	795	rBV	1342807	1713511	8.26%	0.670%
51	11.235	795	796	798	rVB	414298	461659	2.23%	0.181%
52	11.326	803	804	810	rVB3	222348	409924	1.98%	0.160%
53	11.418	810	812	815	rVB2	347181	549022	2.65%	0.215%
54	11.589	825	827	831	rBV	2538666	3926868	18.93%	1.535%
55	11.658	831	833	835	rBV	1753361	2590554	12.49%	1.013%
56	11.703	835	837	839	rVB	461409	470767	2.27%	0.184%
57	11.761	839	842	844	rBV2	345560	816120	3.93%	0.319%
58	11.806	844	846	849	rVV	332421	565674	2.73%	0.221%
59	11.921	849	856	859	rVB	3610342	9339266	45.02%	3.652%
60	12.035	863	866	868	rVB2	239825	413111	1.99%	0.162%
61	12.081	868	870	871	rBV	945841	1378777	6.65%	0.539%
62	12.115	871	873	874	rVV2	1224692	1187965	5.73%	0.464%
63	12.149	874	876	879	rVB3	214027	364494	1.76%	0.143%
64	12.321	879	891	896	rBV	4100323	16137931	77.80%	6.310%
65	12.515	905	908	912	rVB3	640307	1513170	7.29%	0.592%
66	12.584	912	914	915	rBV	370339	413734	1.99%	0.162%
67	12.698	922	924	927	rVB2	613106	926220	4.47%	0.362%
68	12.835	933	936	937	rBV	2666355	3377599	16.28%	1.321%
69	13.018	948	952	954	rBV2	642657	821656	3.96%	0.321%
70	13.121	958	961	963	rBV3	476595	663975	3.20%	0.260%
71	13.178	963	966	968	rBV	1806821	1808168	8.72%	0.707%

LSC Area Percent Report

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Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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-BF102615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.326	975	979	984	rVB3	715741	1863009	8.98%	0.728%
73	13.452	987	990	997	rBV3	1161815	3163355	15.25%	1.237%
74	13.669	997	1009	1011	rBV2	3761905	14244035	68.67%	5.569%
75	13.807	1011	1021	1026	rVV	4783306	19937438	96.12%	7.795%
76	13.932	1027	1032	1035	rVV4	1396967	3381271	16.30%	1.322%
77	14.092	1040	1046	1051	rVV2	1819594	6257895	30.17%	2.447%
78	14.218	1054	1057	1059	rVB	2267356	3519028	16.96%	1.376%
79	14.389	1070	1072	1077	rBV2	401567	746580	3.60%	0.292%
80	14.629	1091	1093	1094	rBV	241154	392924	1.89%	0.154%
81	14.778	1104	1106	1120	rVB3	469607	1474869	7.11%	0.577%
82	15.350	1154	1156	1159	rVB	294114	400385	1.93%	0.157%
83	15.430	1159	1163	1166	rVV	2803594	4697555	22.65%	1.837%
84	15.510	1168	1170	1176	rVB2	269208	456840	2.20%	0.179%
85	15.647	1178	1182	1185	rVV	1897559	2813691	13.56%	1.100%
86	15.704	1185	1187	1190	rVV	466067	774361	3.73%	0.303%
87	15.772	1190	1193	1198	rVV	548576	874084	4.21%	0.342%
88	15.864	1198	1201	1205	rVB2	344516	601587	2.90%	0.235%
89	16.150	1223	1226	1228	rVV	683124	1229984	5.93%	0.481%
90	16.207	1228	1231	1236	rVV2	777751	1692055	8.16%	0.662%
91	16.664	1267	1271	1286	rVB6	379466	1229056	5.93%	0.481%
92	17.167	1310	1315	1318	rBV3	434160	1167688	5.63%	0.457%
93	17.224	1318	1320	1327	rVB2	126632	366778	1.77%	0.143%
94	17.693	1355	1361	1364	rBV	1105732	3063033	14.77%	1.198%
95	17.761	1364	1367	1369	rVV2	418319	1159712	5.59%	0.453%
96	17.807	1369	1371	1380	rVB2	498781	1398424	6.74%	0.547%
97	18.116	1394	1398	1406	rVB2	167043	626450	3.02%	0.245%
98	19.087	1477	1483	1487	rBV	221477	788060	3.80%	0.308%
99	19.201	1488	1493	1502	rVB3	190774	865035	4.17%	0.338%
100	19.853	1546	1550	1557	rVB2	110677	400444	1.93%	0.157%

Sum of corrected areas: 255764757

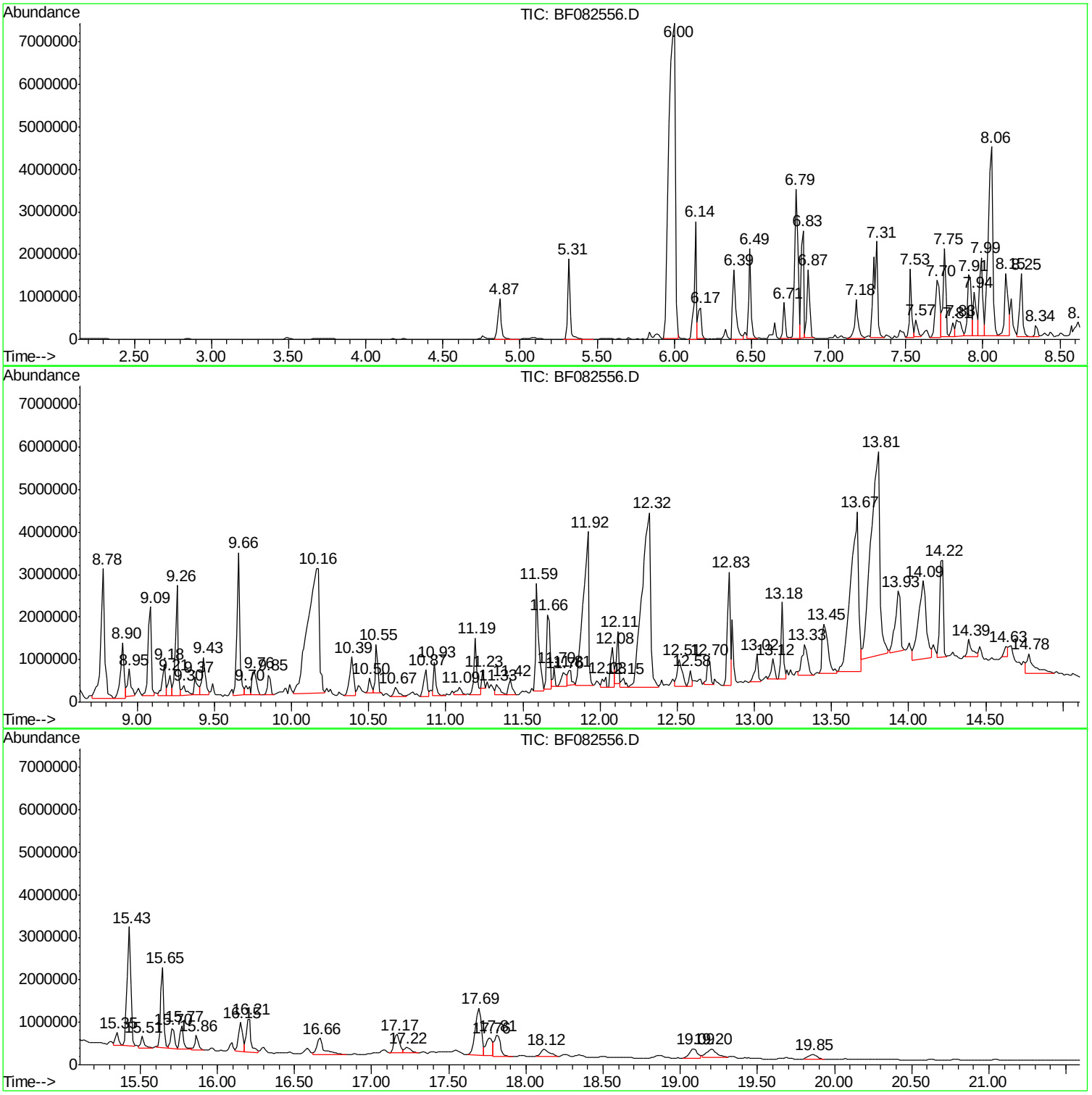
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

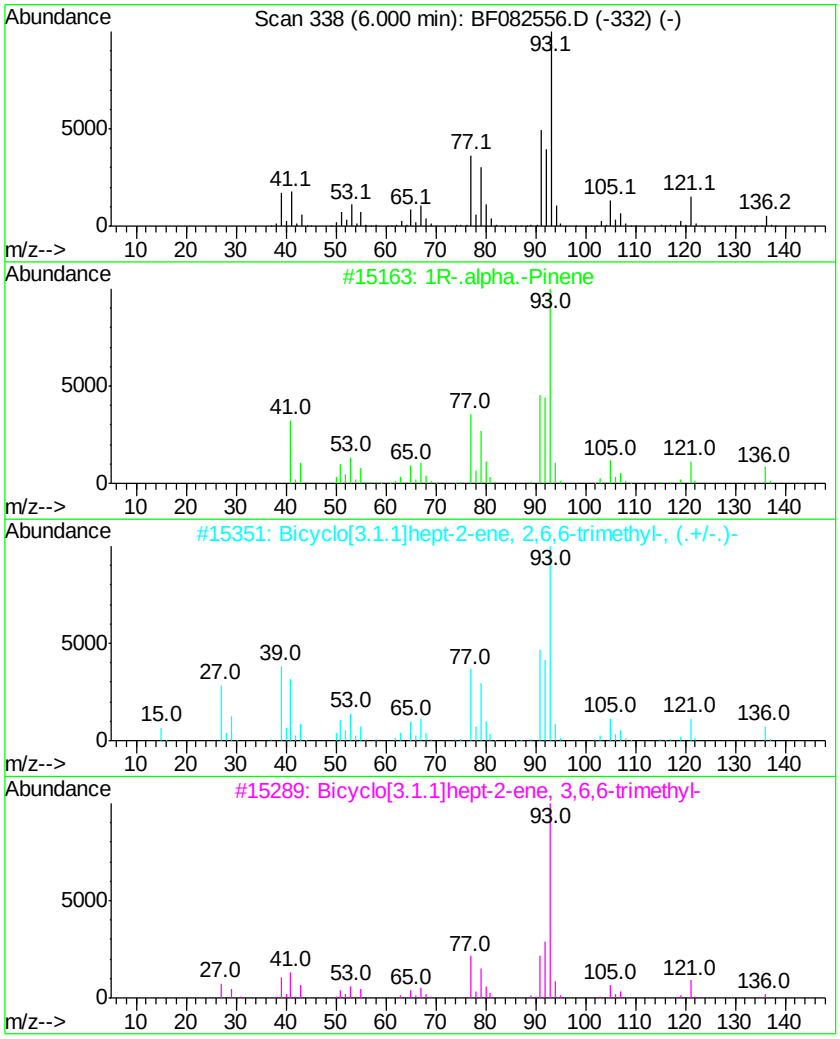
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

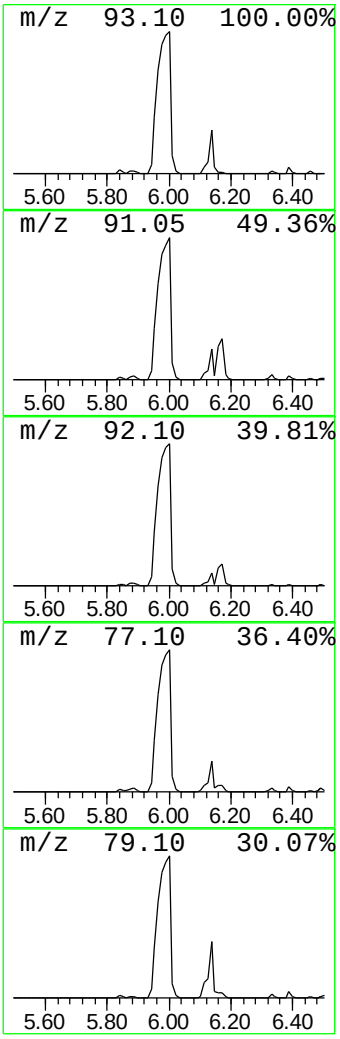
****

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	454.27 ng	20743100	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	1S-.alpha.-Pinene	136	C10H16	007785-26-4	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

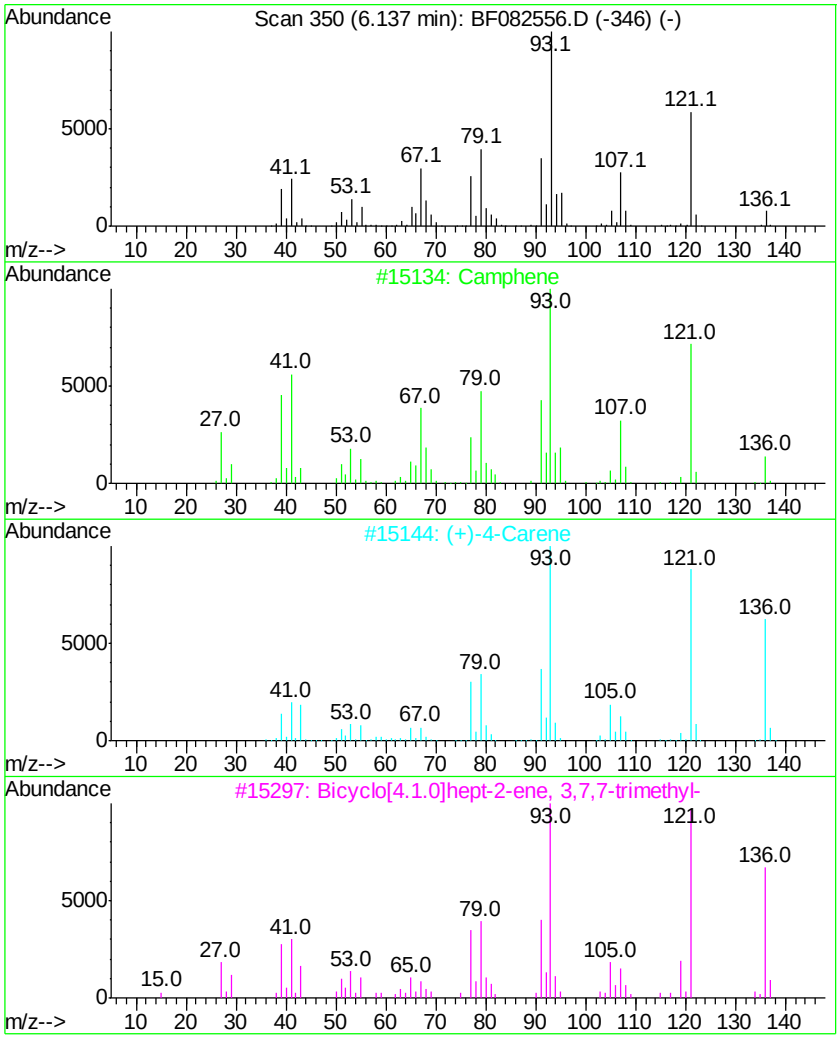
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

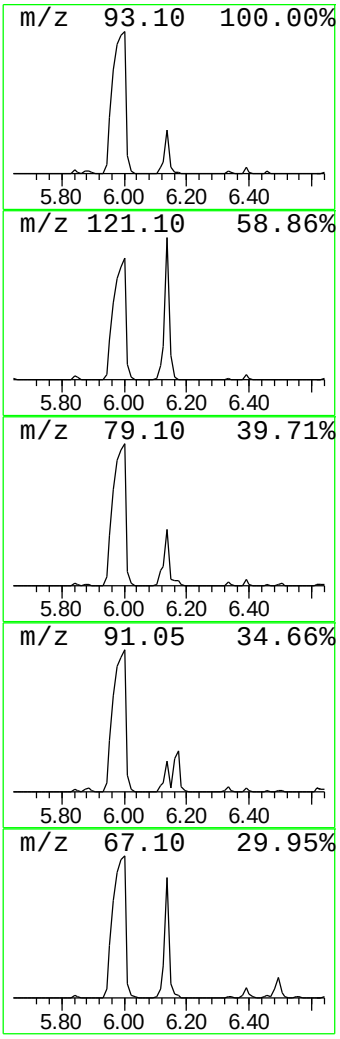
****

Peak Number 2 Camphene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	67.45 ng	3080040	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	(+)-4-Carene	136	C10H16	029050-33-7	74
3	Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	74
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	68
5	.beta.-Pinene	136	C10H16	000127-91-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

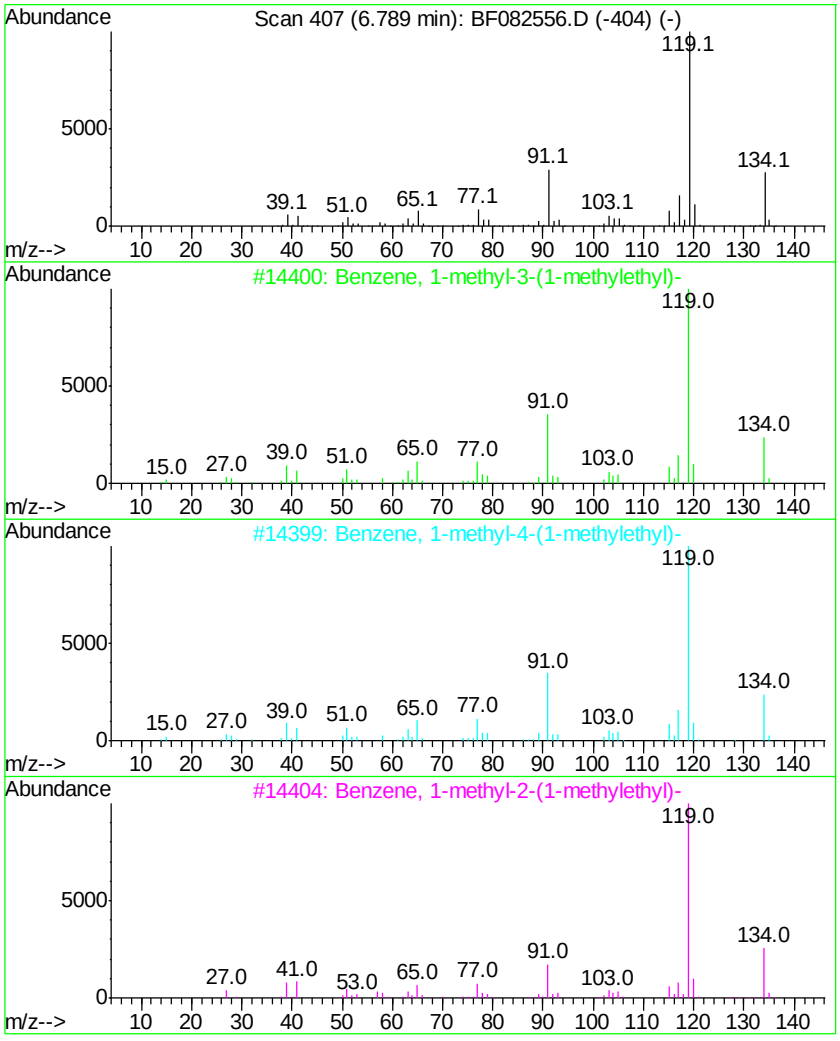
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

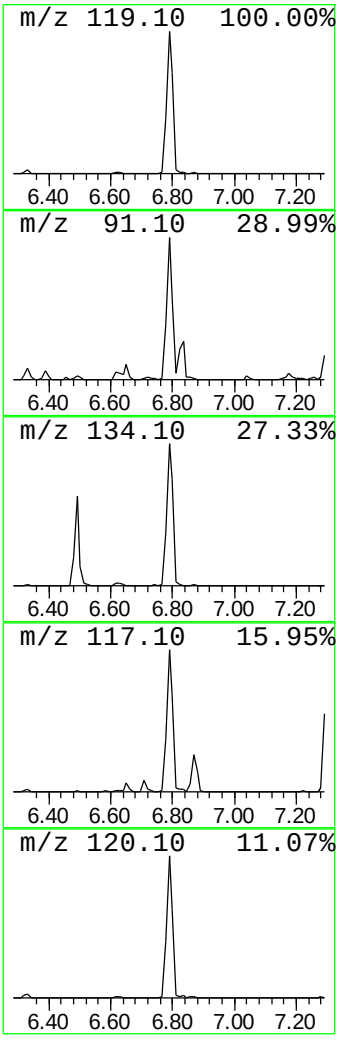
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	111.25 ng	5080050	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

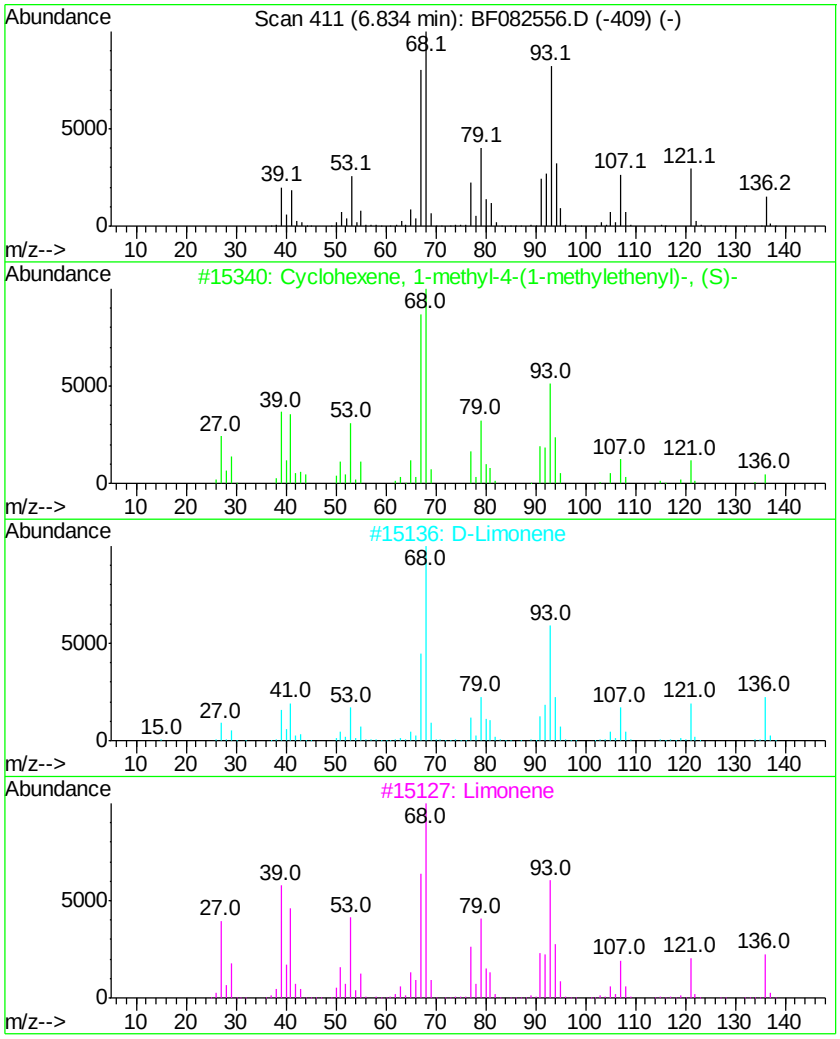
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

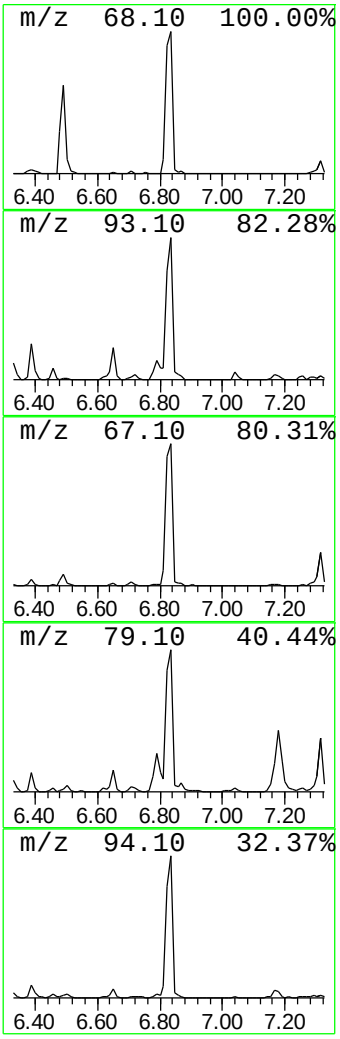
****

Peak Number 4 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	72.03 ng	3289220	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	91
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	76
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

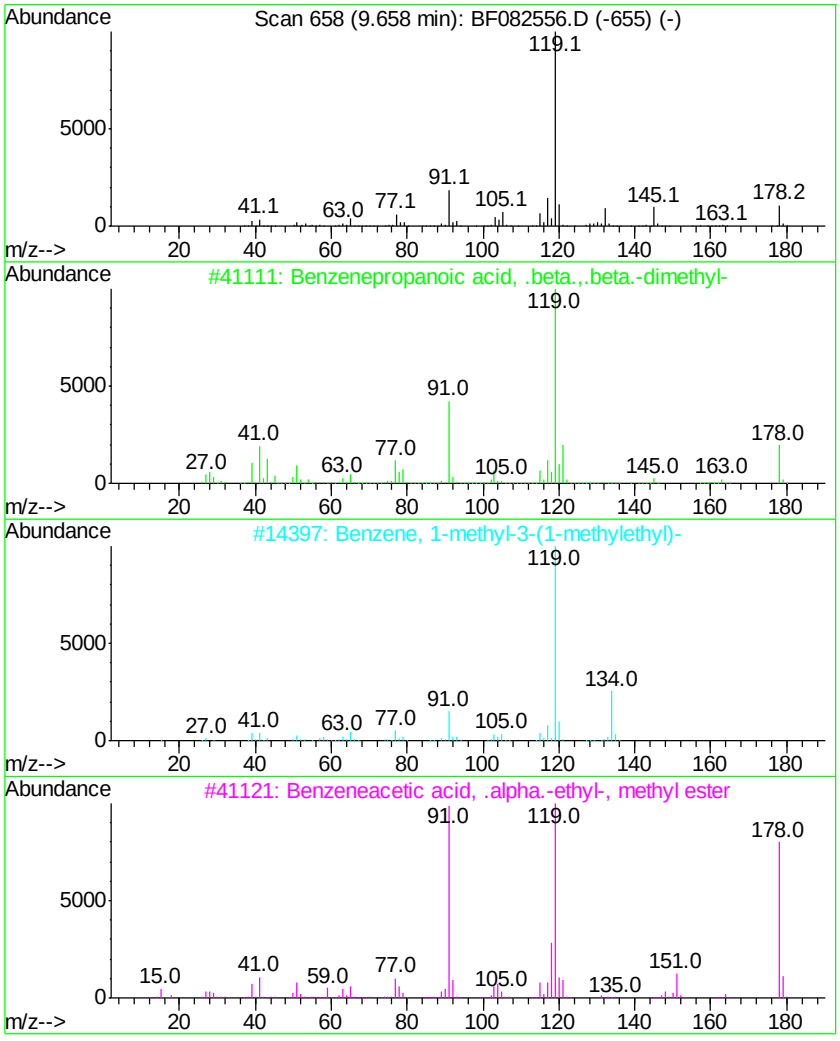
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

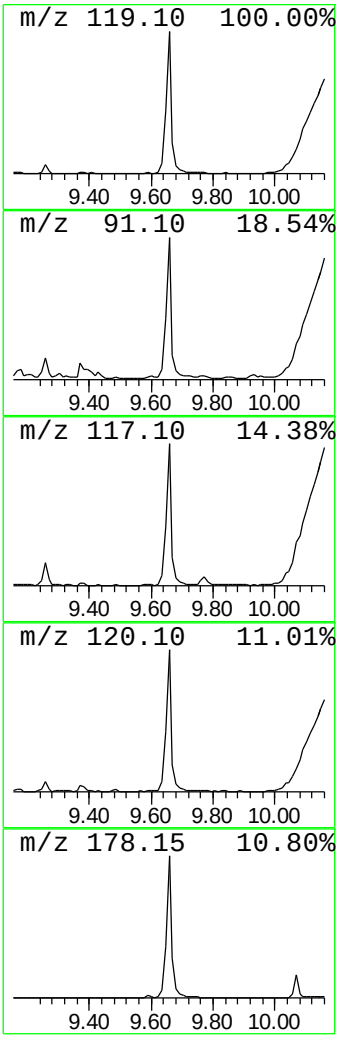
****

Peak Number 5 Benzenepropanoic acid, .bet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	76.65 ng	4144970	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	78
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
3	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	64
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





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Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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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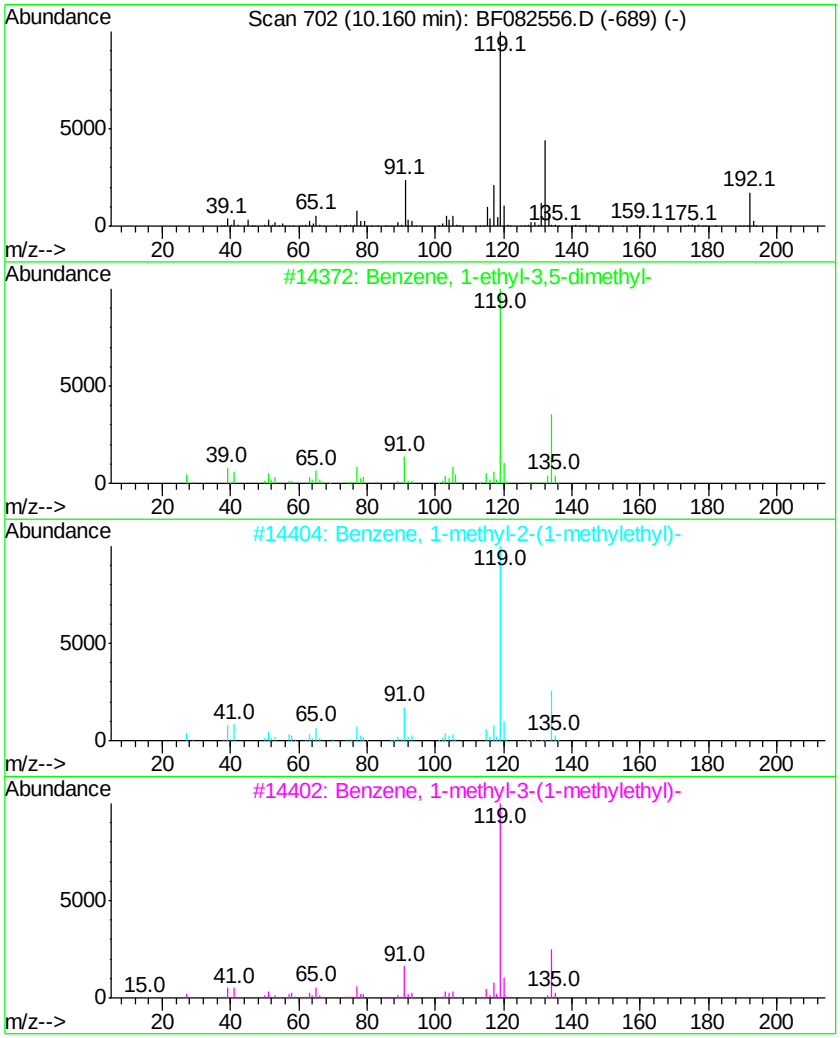
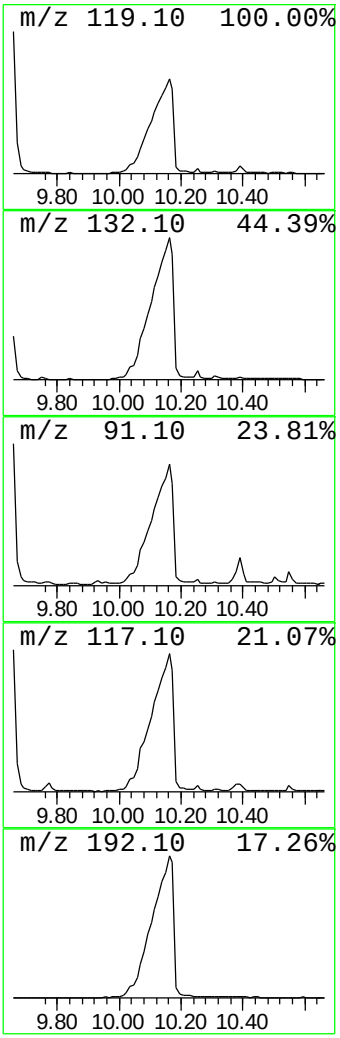
Peak Number 6 unknown10.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	278.67 ng	15070000	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	43
5	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	43





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Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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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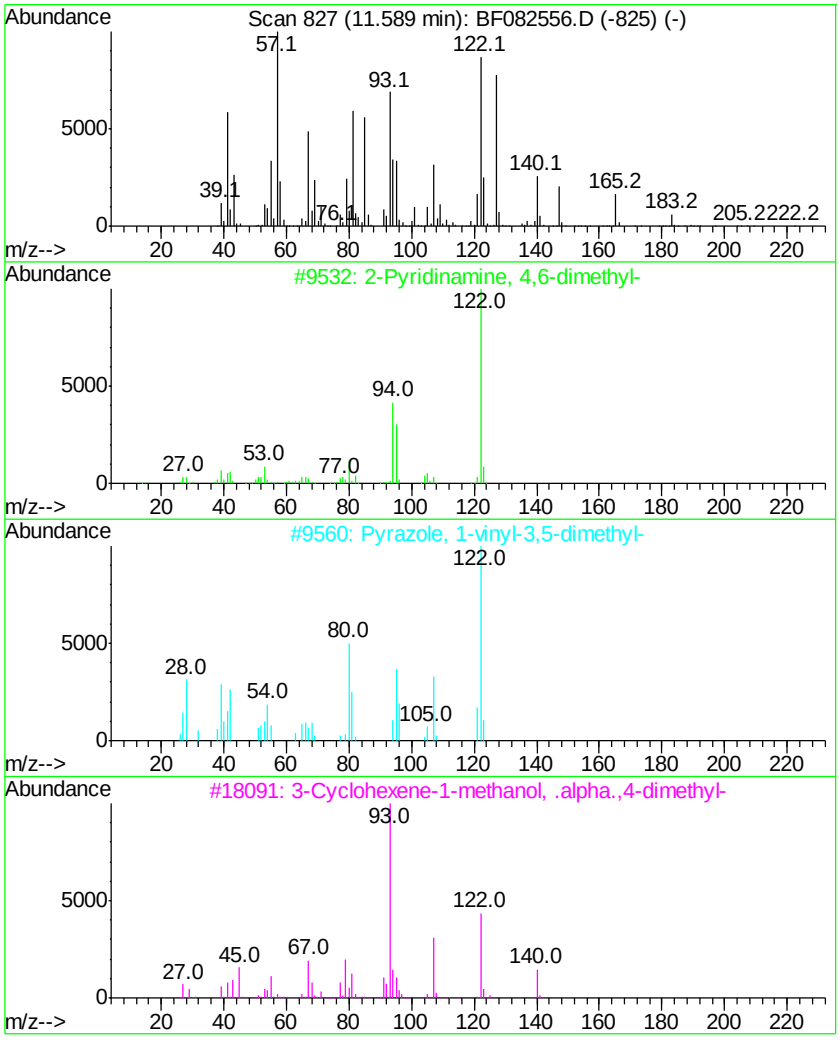
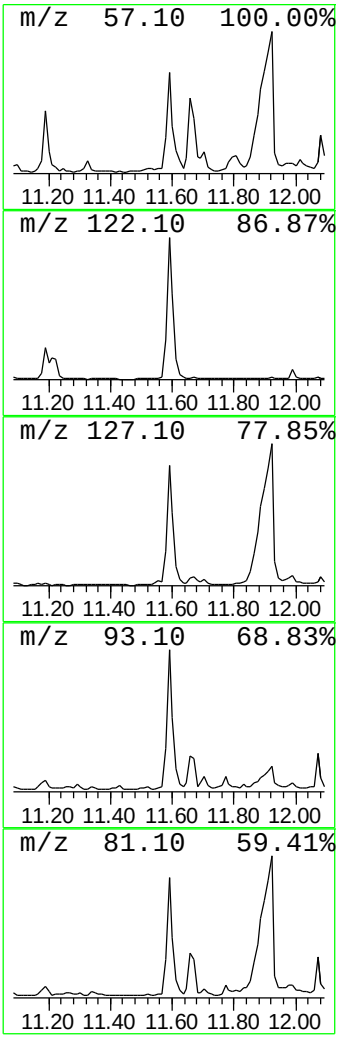
Peak Number 7 unknown11.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	170.12 ng	3926870	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	25
2	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	25
3	3-Cyclohexene-1-methanol, .alpha...	140	C9H16O	055511-67-6	22
4	Fumaric acid, ethyl 2-(2-methyle...	238	C13H18O4	1000156-69-5	14
5	1,2-Benzenediamine, N-methyl-	122	C7H10N2	004760-34-3	14





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Sample : G4157-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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TIC Library : C:\DATABASE\NIST02.L
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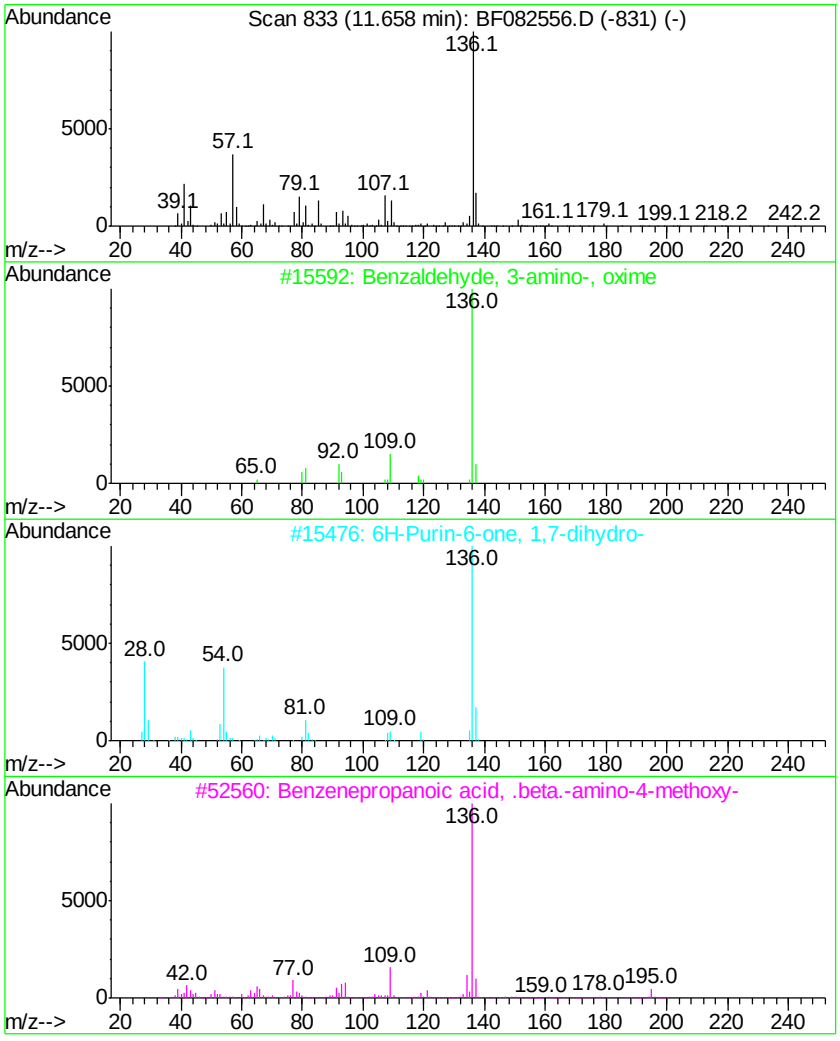
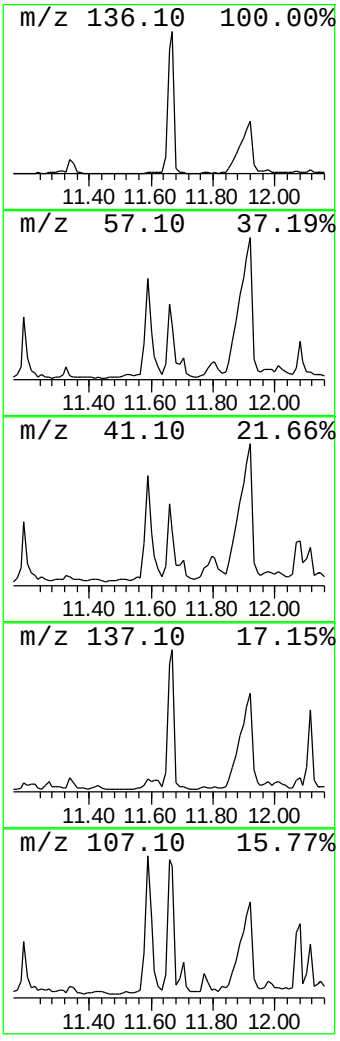
Peak Number 8 Benzaldehyde, 3-amino-, oxime Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	112.23 ng	2590550	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-amino-, oxime	136	C7H8N2O	002835-66-7	59
2	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	53
3	Benzenepropanoic acid, .beta.-am...	195	C10H13NO3	072071-74-0	42
4	2,1,3-Benzothiadiazole	136	C6H4N2S	000273-13-2	40
5	Imidazo[5,4-d]pyrimidine, 6-hydr...	136	C5H4N4O	095121-06-5	40





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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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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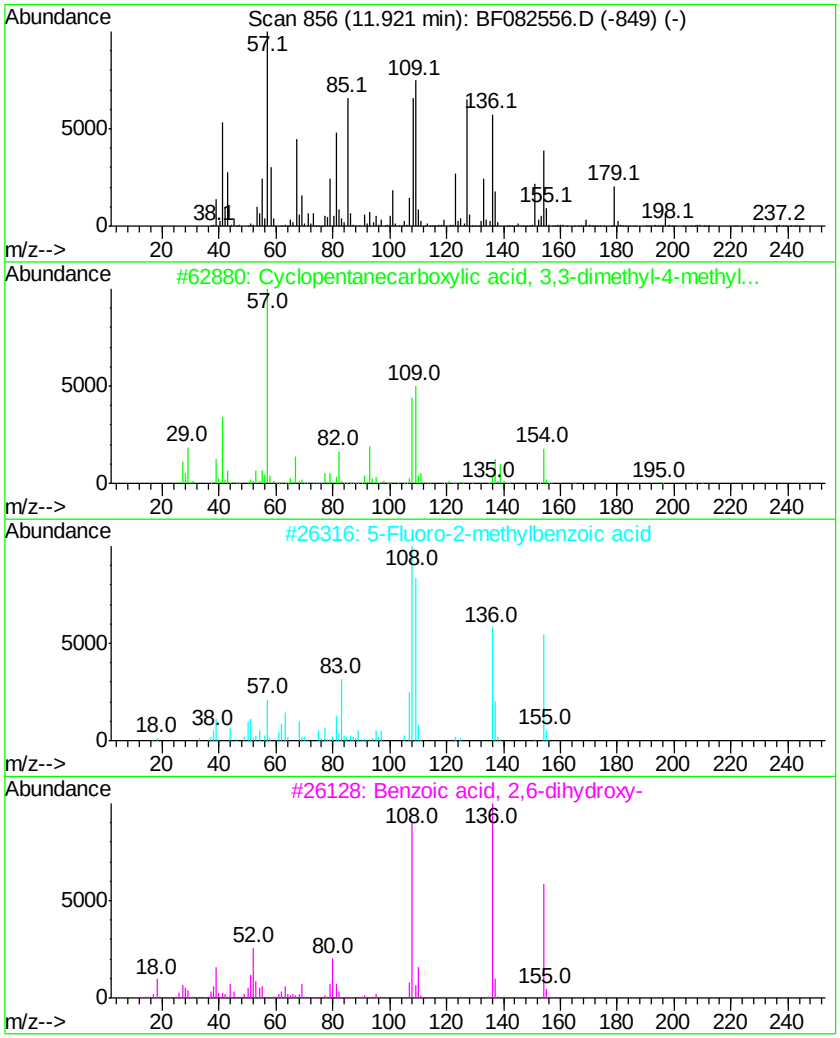
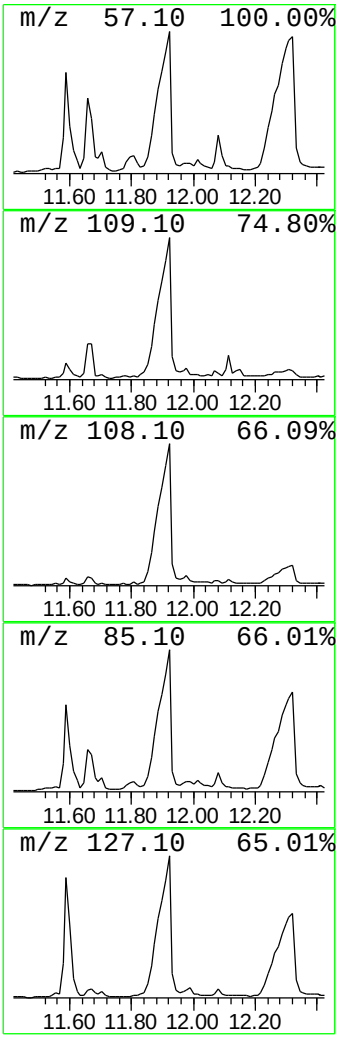
Peak Number 9 unknown11.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	404.60 ng	9339270	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 3,3...	210	C13H22O2	087753-77-3	27
2	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	25
3	Benzoic acid, 2,6-dihydroxy-	154	C7H6O4	000303-07-1	22
4	Benzoic acid, 2,4-dihydroxy-	154	C7H6O4	000089-86-1	22
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	22





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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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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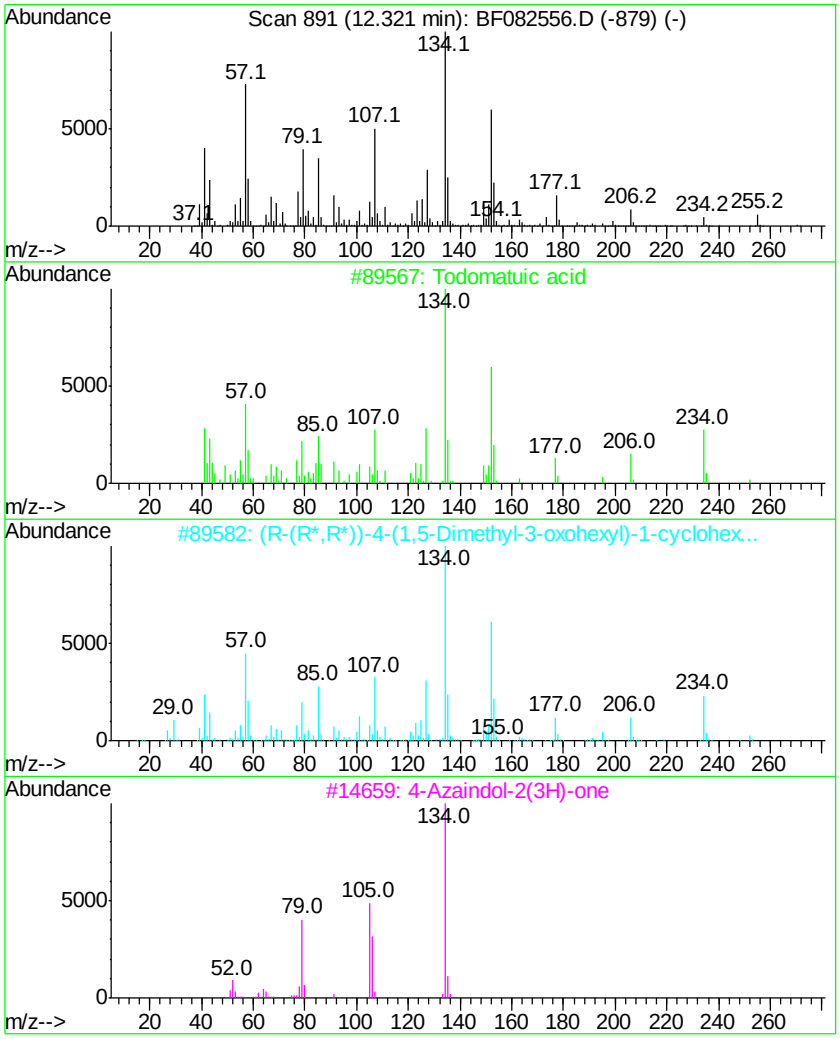
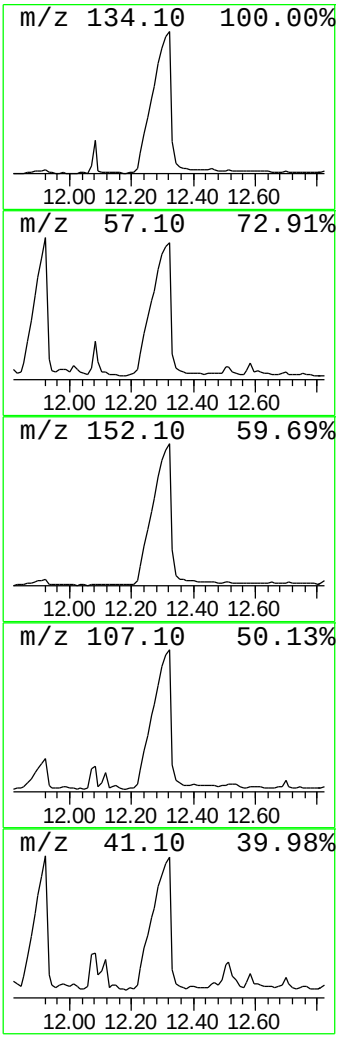
Peak Number 10 Todomatuic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	699.13 ng	16137900	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Todomatuic acid	252	C15H24O3	017844-07-4	80
2	(R-(R*,R*))-4-(1,5-Dimethyl-3-ox...	252	C15H24O3	006753-22-6	72
3	4-Azaindol-2(3H)-one	134	C7H6N2O	032501-05-6	35
4	2-Benzoxazolamine	134	C7H6N2O	004570-41-6	27
5	5-Chlorovaleric acid, 2-adamanty...	270	C15H23ClO2	1000292-24-3	25





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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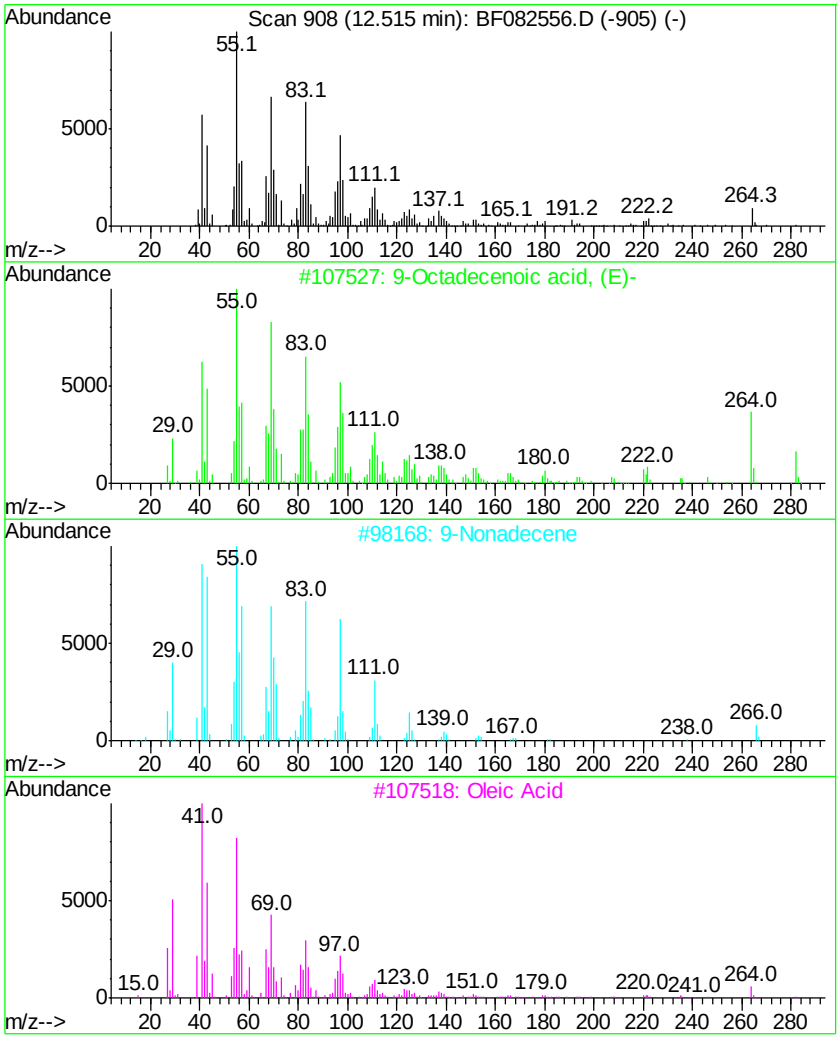
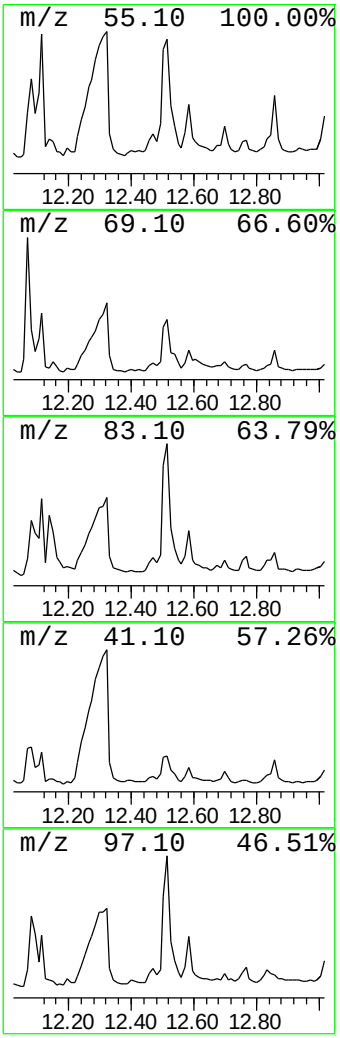
Peak Number 11 9-Octadecenoic acid, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	65.55 ng	1513170	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
2	9-Nonadecene	266	C19H38	031035-07-1	91
3	Oleic Acid	282	C18H34O2	000112-80-1	90
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	83
5	Cyclopentadecane	210	C15H30	000295-48-7	52





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Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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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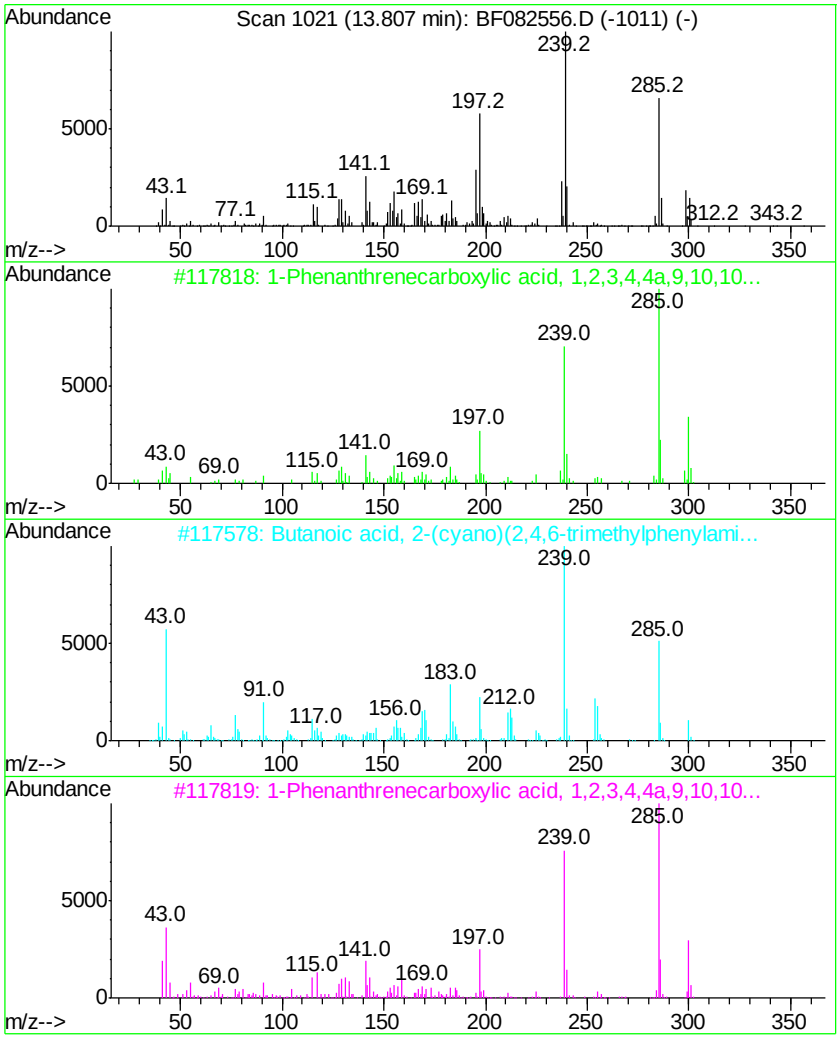
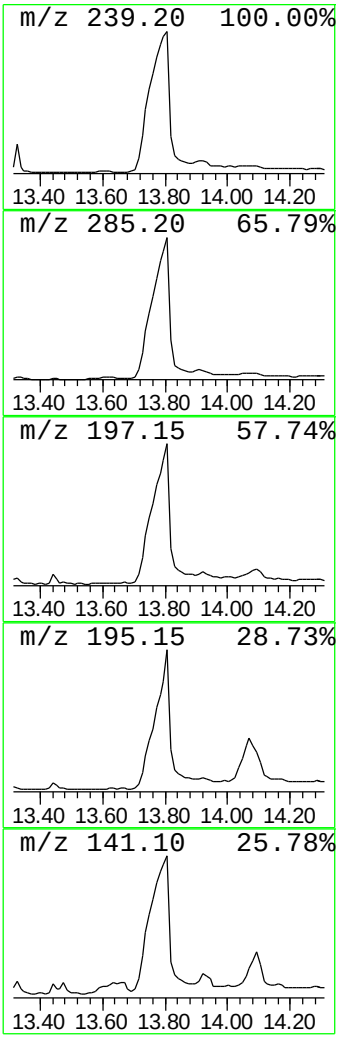
Peak Number 13 1-Phenanthrenecarboxylic ac... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	117.93 ng	19937400	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
2	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	58
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	58
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	27





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Instrument : BNA_F
ClientSampleId : WOOD-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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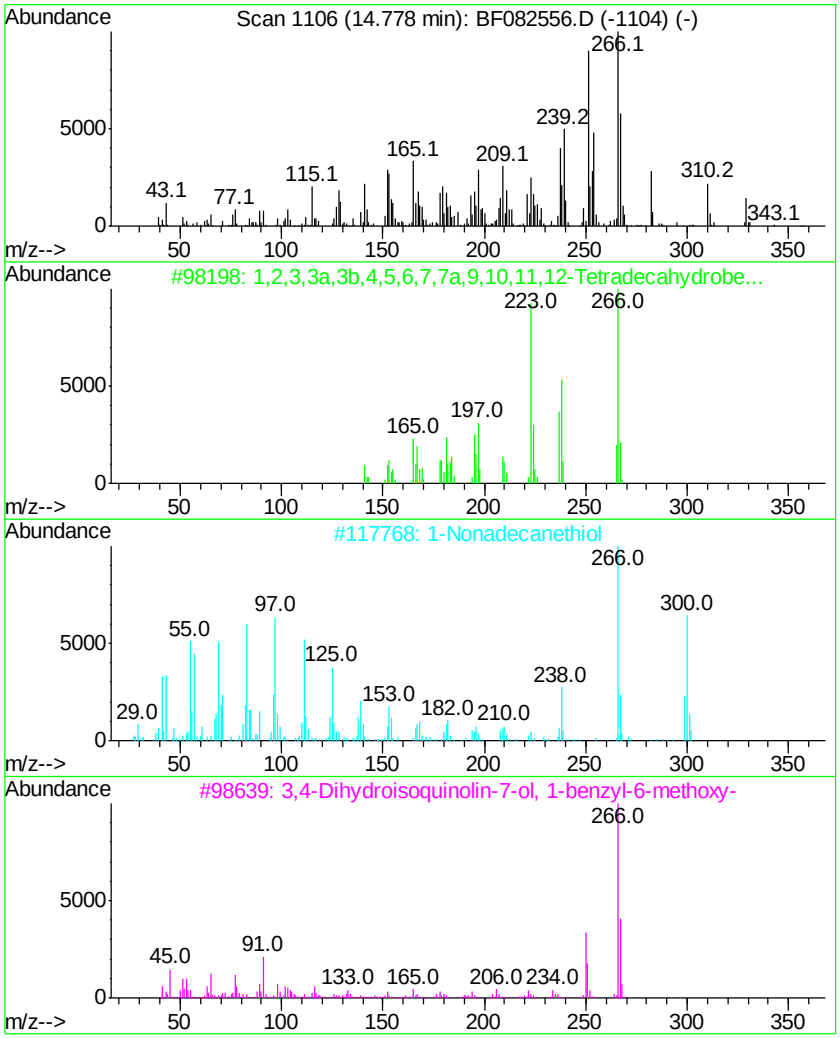
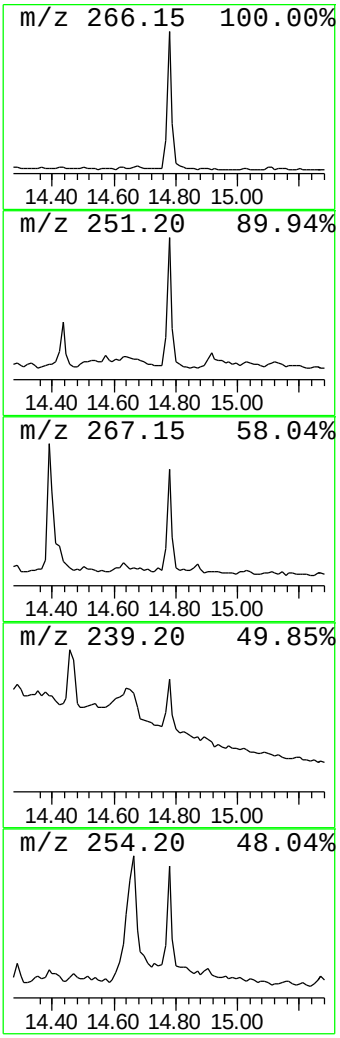
Peak Number 14 unknown14.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	73.67 ng	1474870	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,3a,3b,4,5,6,7,7a,9,10,11,1...	266	C20H26	095676-39-4	47
2	1-Nonadecanethiol	300	C19H40S	053193-23-0	35
3	3,4-Dihydroisoquinolin-7-ol, 1-b...	267	C17H17NO2	073154-46-8	18
4	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	15
5	9,10-(1,2-Benzeno)anthracene, 2,...	282	C22H18	027884-45-3	15





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ALS Vial : 7 Sample Multiplier: 1

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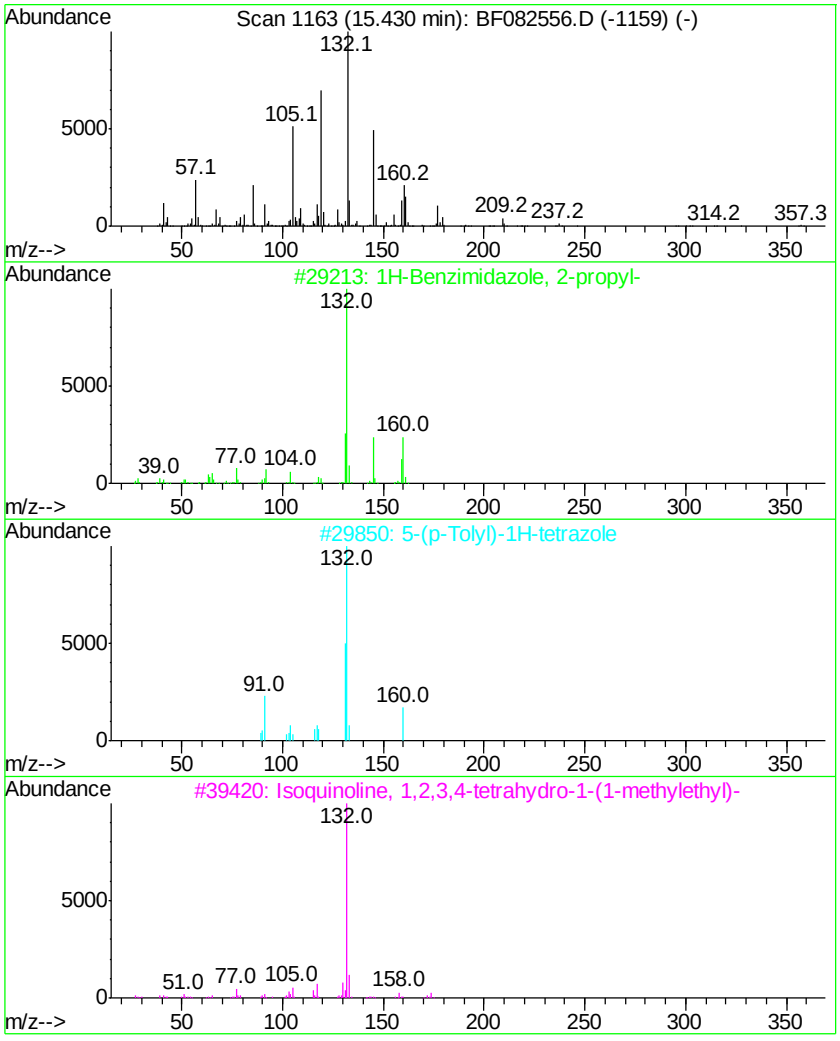
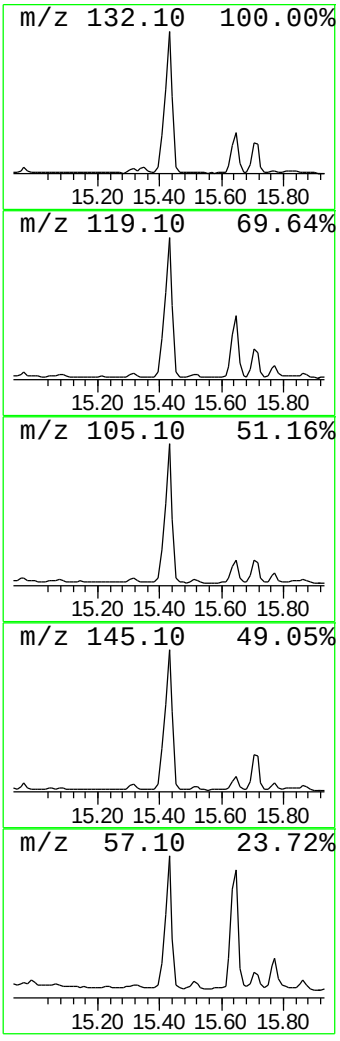
Peak Number 15 unknown15.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	234.65 ng	4697560	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	43
2	5-(p-Tolyl)-1H-tetrazole	160	C8H8N4	024994-04-5	32
3	Isoquinoline, 1,2,3,4-tetrahydro...	175	C12H17N	077796-20-4	27
4	Phenylcyclopentylamine	161	C11H15N	040649-26-1	27
5	1-Cyclohexyl-1,2,3,4-tetrahydro-...	215	C15H21N	087443-64-9	27





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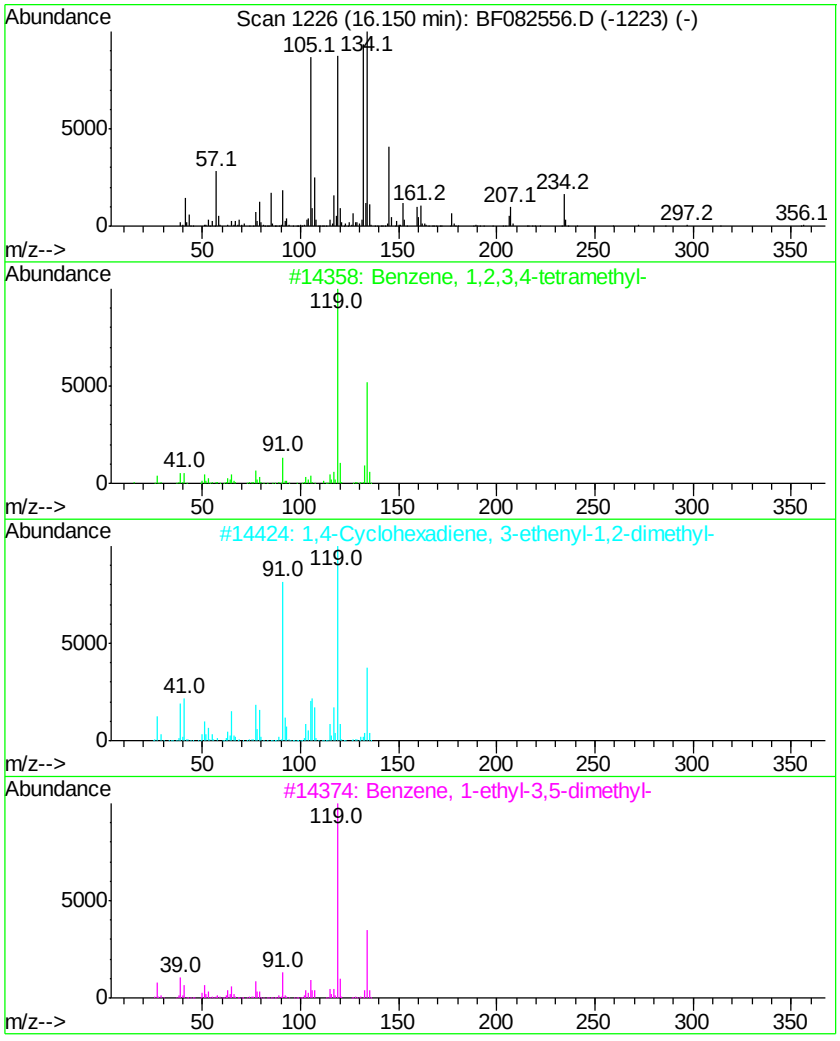
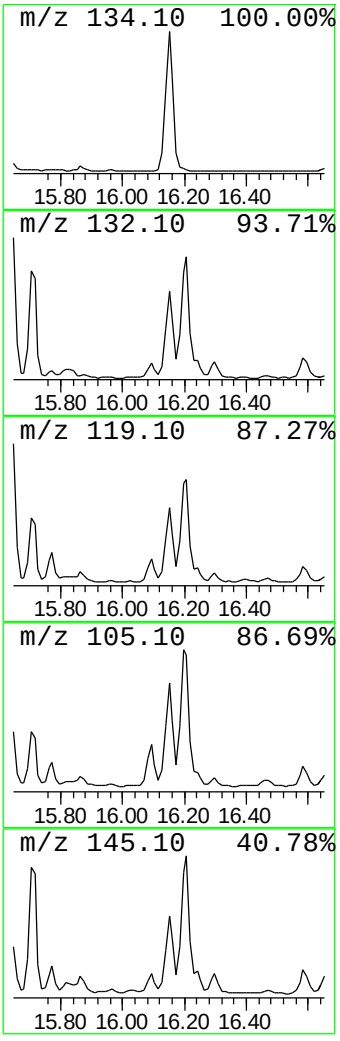
Peak Number 17 unknown16.15 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	61.44 ng	1229980	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	46
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	41
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	38





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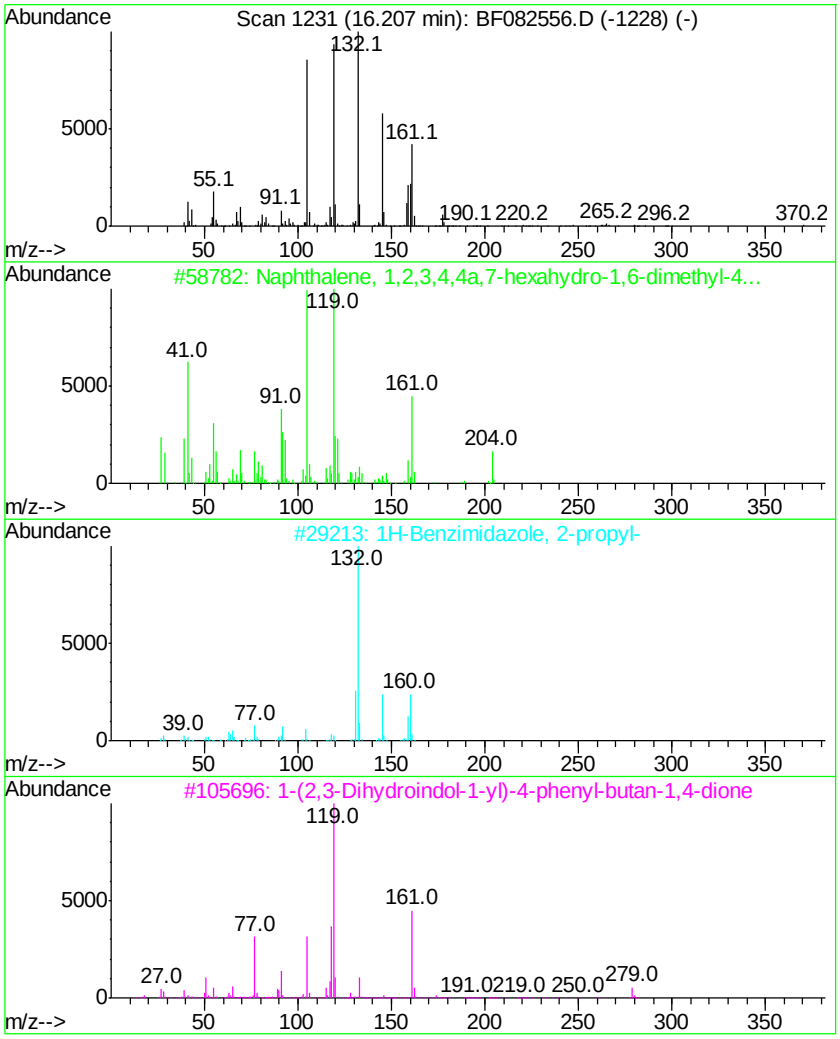
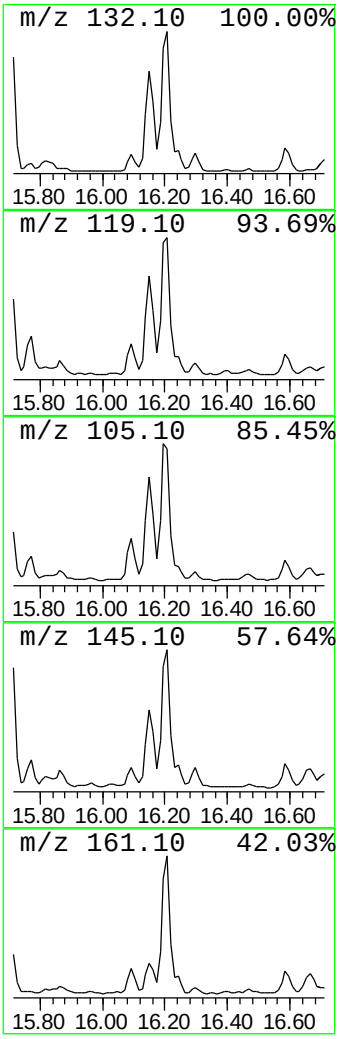
Peak Number 18 unknown16.21 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	84.52 ng	1692060	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	35
2	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	35
3	1-(2,3-Dihydroindol-1-yl)-4-phen...	279	C18H17NO2	1000287-62-9	25
4	3-(4-Cyanomethyl-1H-pyrrol-3-yl)...	159	C9H9N3	106491-24-1	22
5	Isoquinoline, 1-benzyl-1,2,3,4-t...	223	C16H17N	019716-56-4	18





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Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

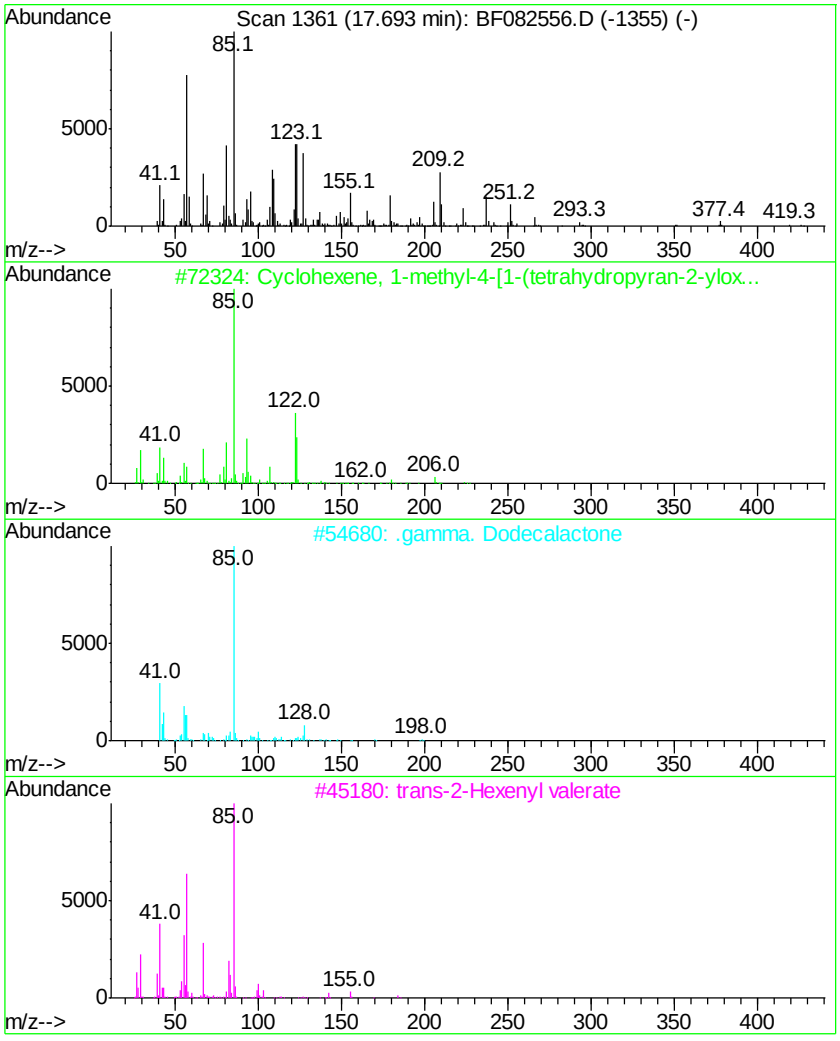
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

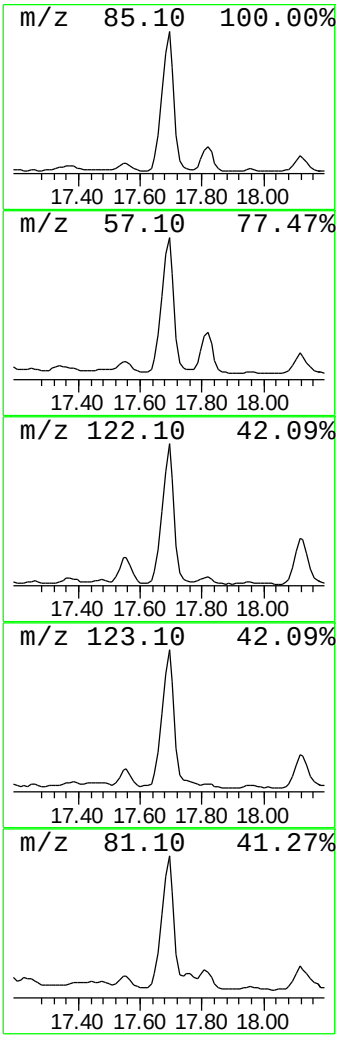
****

Peak Number 19 unknown17.69 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	153.00 ng	3063030	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-[1-(tetr...	224	C14H24O2	1000162-73-4	43
2	.gamma. Dodecalactone	198	C12H22O2	002305-05-7	14
3	trans-2-Hexenyl valerate	184	C11H20O2	056922-74-8	14
4	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	14
5	2H-Pyran, 2-(8-dodecynyloxy)tetr...	266	C17H30O2	064604-68-8	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082556.D
Acq On : 27 Oct 2015 19:46
Operator : UM/IZ
Sample : G4157-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.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
1R-.alpha.-Pinene	6.00	454.3	ng	20743100	1	6.71	913240	20.0
Camphene	6.14	67.5	ng	3080040	1	6.71	913240	20.0
Benzene, 1-methyl...	6.79	111.3	ng	5080050	1	6.71	913240	20.0
Cyclohexene, 1-me...	6.83	72.0	ng	3289220	1	6.71	913240	20.0
Benzenepropanoic ...	9.66	76.7	ng	4144970	3	9.75	1081560	20.0
unknown10.16	10.16	278.7	ng	15070000	3	9.75	1081560	20.0
unknown11.59	11.59	170.1	ng	3926870	4	11.23	461659	20.0
Benzaldehyde, 3-a...	11.66	112.2	ng	2590550	4	11.23	461659	20.0
unknown11.92	11.92	404.6	ng	9339270	4	11.23	461659	20.0
Todomatuic acid	12.32	699.1	ng	16137900	4	11.23	461659	20.0
9-Octadecenoic ac...	12.52	65.5	ng	1513170	4	11.23	461659	20.0
1-Phenanthrenecar...	13.81	117.9	ng	19937400	5	13.90	3381270	20.0
unknown14.78	14.78	73.7	ng	1474870	6	15.35	400385	20.0
unknown15.43	15.43	234.7	ng	4697560	6	15.35	400385	20.0
unknown16.15	16.15	61.4	ng	1229980	6	15.35	400385	20.0
unknown16.21	16.21	84.5	ng	1692060	6	15.35	400385	20.0
unknown17.69	17.69	153.0	ng	3063030	6	15.35	400385	20.0