LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	4.945	482	486	494	rVB	178804	211872	3.08%	0.373%
2	5.222	530	533	537	rVB	77395	70937	1.03%	0.125%
3	5.363	552	557	560	rBV	2664252	2772159	40.28%	4.877%
4	5.916	647	651	655	rBV	116947	109194	1.59%	0.192%
5	6.210	698	701	704	rVB	99262	72973	1.06%	0.128%
6	6.381	726	730	736	rVB	1912618	1675134	24.34%	2.947%
7	6.557	757	760	762	rBV	494267	382377	5.56%	0.673%
8	6.586	762	765	769	rVB	381510	348675	5.07%	0.613%
9	6.681	777	781	784	rBV	146499	174896	2.54%	0.308%
10	6.751	789	793	796	rBV	1361429	1084063	15.75%	1.907%
11	6.910	815	820	822	rBV	5220463	4691696	68.18%	8.254%
12	6.933	822	824	827	rVB	534410	397643	5.78%	0.700%
13	7.004	833	836	839	rVB2	159742	131283	1.91%	0.231%
14	7.075	845	848	850	rBV	126579	113801	1.65%	0.200%
15	7.151	857	861	864	rBV	76492	82096	1.19%	0.144%
16	7.322	880	890	893	rBV	3973813	4623391	67.18%	8.134%
17	7.398	899	903	907	rBV5	70058	70942	1.03%	0.125%
18	7.439	907	910	913	rBV3	59267	70433	1.02%	0.124%
19	7.522	919	924	927	rBV2	325994	303497	4.41%	0.534%
20	7.551	927	929	935	rVB	79293	74633	1.08%	0.131%
21	7.686	950	952	954	rBV2	65259	70730	1.03%	0.124%
22	7.710	954	956	962	rVB2	115181	140467	2.04%	0.247%
23	7.775	962	967	971	rBV2	696874	698433	10.15%	1.229%
24	7.875	982	984	987	rVB	111406	85947	1.25%	0.151%
25	8.033	1007	1011	1014	rBV	1529291	1646554	23.93%	2.897%
26	8.057	1014	1015	1018	rVV2	322043	258982	3.76%	0.456%
27	8.086	1018	1020	1022	rVV	223626	174301	2.53%	0.307%
28	8.127	1025	1027	1030	rVB	117087	91054	1.32%	0.160%
29	8.233	1040	1045	1049	rVB7	39822	83499	1.21%	0.147%
30	8.298	1049	1056	1057	rBV4	97560	144713	2.10%	0.255%
31	8.316	1057	1059	1064	rVV	137034	134927	1.96%	0.237%
32	8.369	1064	1068	1071	rVV2	183653	175233	2.55%	0.308%
33	8.422	1074	1077	1080	rVB	155277	136804	1.99%	0.241%
34	8.504	1088	1091	1096	rVB2	221974	222577	3.23%	0.392%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.627	1109	1112	1115	rBV2	147675	146703	2.13%	0.258%
36	8.733	1127	1130	1131	rBV	86741	80929	1.18%	0.142%
37	8.757	1131	1134	1137	rVB3	118875	143003	2.08%	0.252%
38	8.845	1143	1149	1152	rBV2	495307	715459	10.40%	1.259%
39	8.898	1154	1158	1163	rVV5	145386	238619	3.47%	0.420%
40	8.939	1163	1165	1168	rVB2	180912	162913	2.37%	0.287%
41	8.986	1170	1173	1176	rBV2	113135	104130	1.51%	0.183%
42	9.033	1176	1181	1184	rBV5	88480	146776	2.13%	0.258%
43	9.122	1190	1196	1198	rBV	6426375	6881683	100.00%	12.107%
44	9.227	1209	1214	1218	rBV4	230655	373230	5.42%	0.657%
45	9.304	1223	1227	1228	rBV3	143350	177367	2.58%	0.312%
46	9.374	1235	1239	1243	rBV4	376241	504072	7.32%	0.887%
47	9.416	1243	1246	1247	rVV2	240544	262050	3.81%	0.461%
48	9.451	1249	1252	1256	rVV	584015	636318	9.25%	1.120%
49	9.486	1256	1258	1260	rVV3	195456	178613	2.60%	0.314%
50	9.510	1260	1262	1264	rVB	254920	175553	2.55%	0.309%
51	9.569	1268	1272	1274	rBV3	282062	318297	4.63%	0.560%
52	9.610	1276	1279	1281	rBV4	126297	140450	2.04%	0.247%
53	9.651	1284	1286	1292	rVB3	209481	170457	2.48%	0.300%
54	9.733	1294	1300	1302	rBV4	148520	267925	3.89%	0.471%
55	9.769	1303	1306	1307	rVV3	181706	202037	2.94%	0.355%
56	9.792	1307	1310	1313	rVV	1949330	1697780	24.67%	2.987%
57	9.822	1313	1315	1318	rVB	698016	582076	8.46%	1.024%
58	9.857	1318	1321	1323	rBV3	145785	155192	2.26%	0.273%
59	9.945	1333	1336	1338	rVB2	315605	303387	4.41%	0.534%
60	10.069	1355	1357	1359	rBV2	204965	195135	2.84%	0.343%
61	10.092	1359	1361	1362	rVV	113676	80267	1.17%	0.141%
62	10.186	1375	1377	1379	rBV2	167679	157200	2.28%	0.277%
63	10.310	1396	1398	1401	rBV	300252	265682	3.86%	0.467%
64	10.339	1401	1403	1405	rVB2	307217	227082	3.30%	0.400%
65	10.369	1405	1408	1412	rBV	419632	411323	5.98%	0.724%
66	10.404	1412	1414	1416	rBV2	162228	151191	2.20%	0.266%
67	10.586	1440	1445	1448	rBV	4225869	4329935	62.92%	7.618%
68	10.627	1448	1452	1454	rVB3	177749	193219	2.81%	0.340%
69	10.710	1464	1466	1470	rVB3	194382	168447	2.45%	0.296%
70	11.245	1554	1557	1559	rBV2	165824	155145	2.25%	0.273%
71	11.280	1559	1563	1565	rVV	1932253	1595196	23.18%	2.807%

LSC Area Percent Report

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Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.304	1565	1567	1571	rVB	403161	340949	4.95%	0.600%
73	11.392	1579	1582	1593	rVB2	211016	299350	4.35%	0.527%
74	11.510	1600	1602	1606	rVB	262203	213509	3.10%	0.376%
75	11.833	1651	1657	1664	rVB2	1090162	1359463	19.75%	2.392%
76	12.039	1690	1692	1698	rBV2	138779	235103	3.42%	0.414%
77	12.492	1767	1769	1771	rVB	140310	94102	1.37%	0.166%
78	12.610	1786	1789	1795	rBV	981519	862734	12.54%	1.518%
79	12.874	1829	1834	1837	rBV	5492617	5748700	83.54%	10.114%
80	12.974	1849	1851	1856	rVB	94709	91649	1.33%	0.161%
81	13.098	1869	1872	1878	rVB2	113469	134035	1.95%	0.236%
82	13.451	1930	1932	1936	rBV3	64970	83746	1.22%	0.147%
83	13.780	1985	1988	1996	rVB	219869	268764	3.91%	0.473%
84	13.921	2008	2012	2016	rBV	1340457	1189115	17.28%	2.092%
85	14.098	2039	2042	2047	rVB	92425	100021	1.45%	0.176%
86	14.404	2091	2094	2096	rVB	100862	91943	1.34%	0.162%
87	14.698	2141	2144	2148	rVB	125539	129509	1.88%	0.228%
88	14.774	2154	2157	2163	rVB	52987	69189	1.01%	0.122%
89	15.027	2196	2200	2205	rVB	123209	138460	2.01%	0.244%
90	15.356	2251	2256	2259	rBV	834805	952869	13.85%	1.676%
91	15.392	2259	2262	2269	rVB	99980	133710	1.94%	0.235%
92	15.809	2330	2333	2339	rVB	57456	81131	1.18%	0.143%

Sum of corrected areas: 56838808

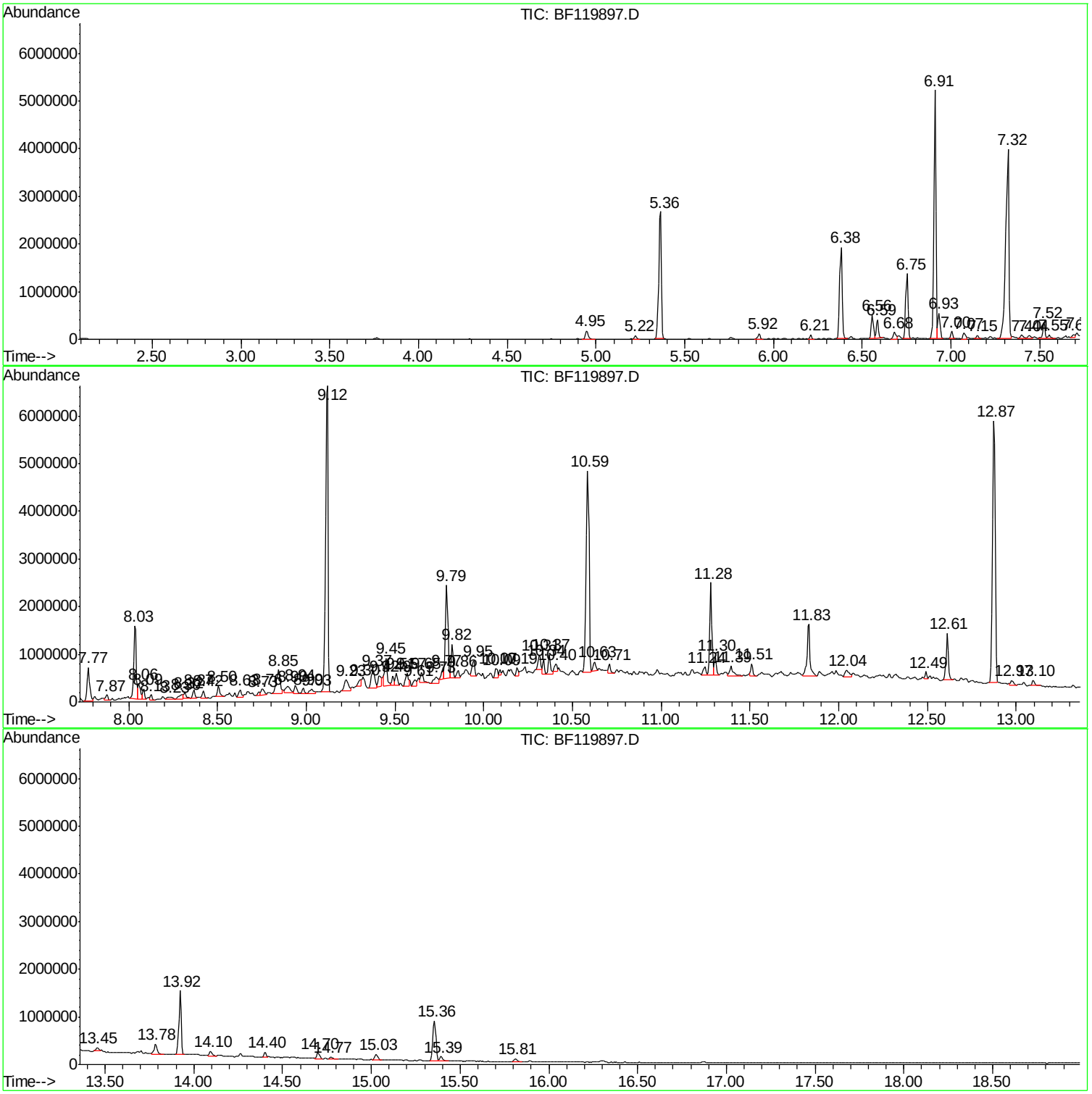
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

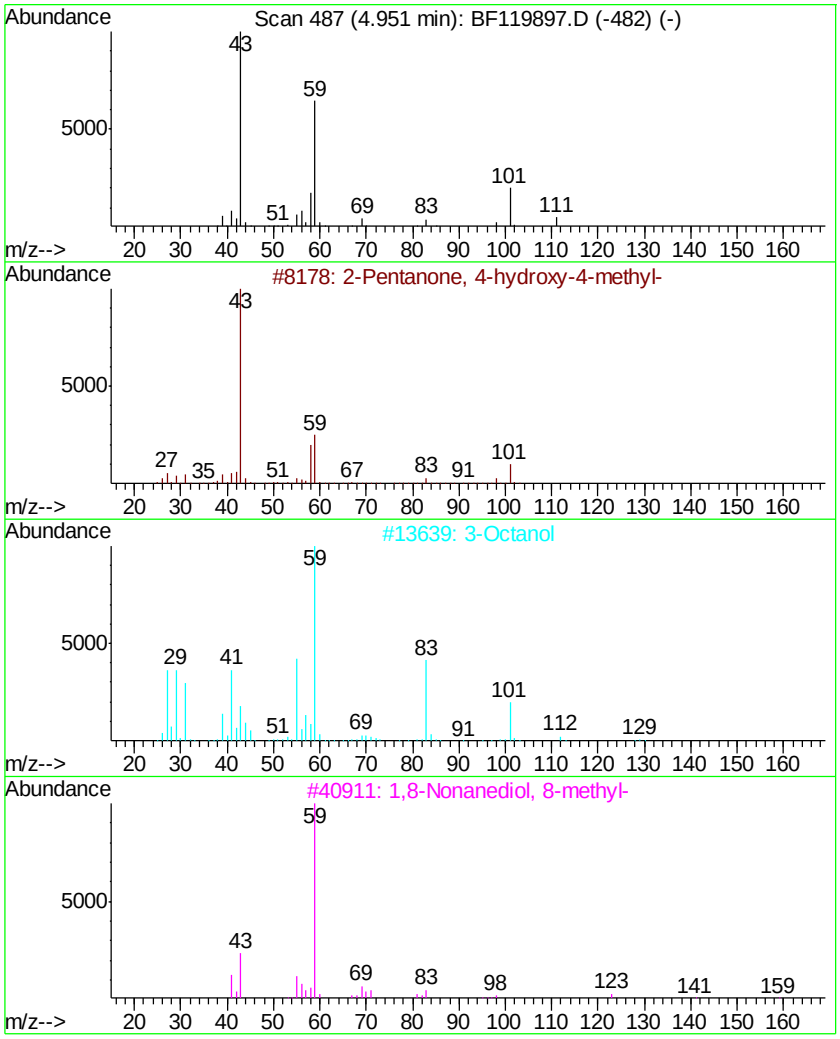
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

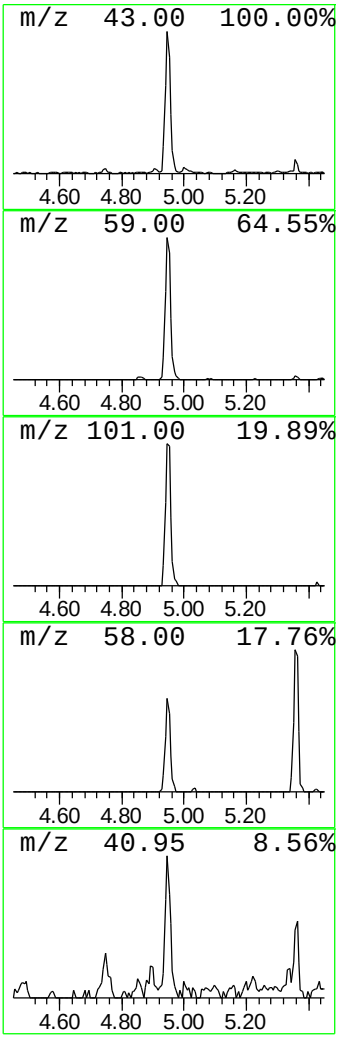
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.91 ng	211872	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Octanol	130	C8H18O	000589-98-0	33
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

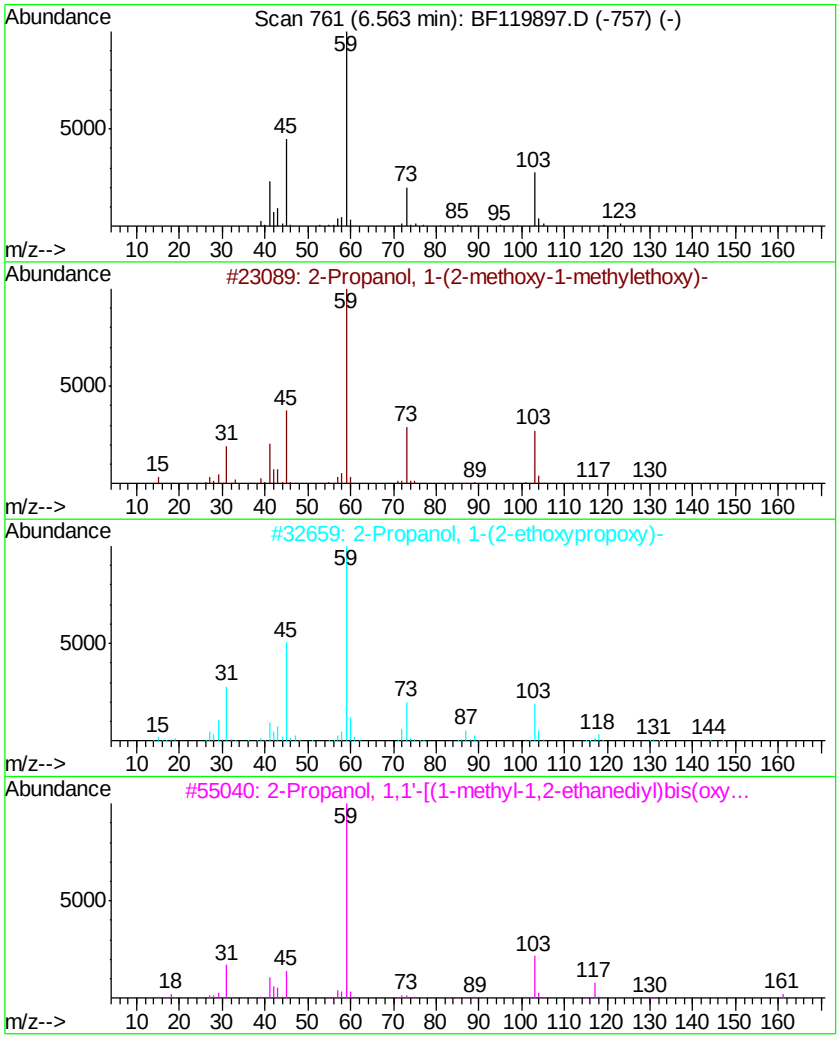
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

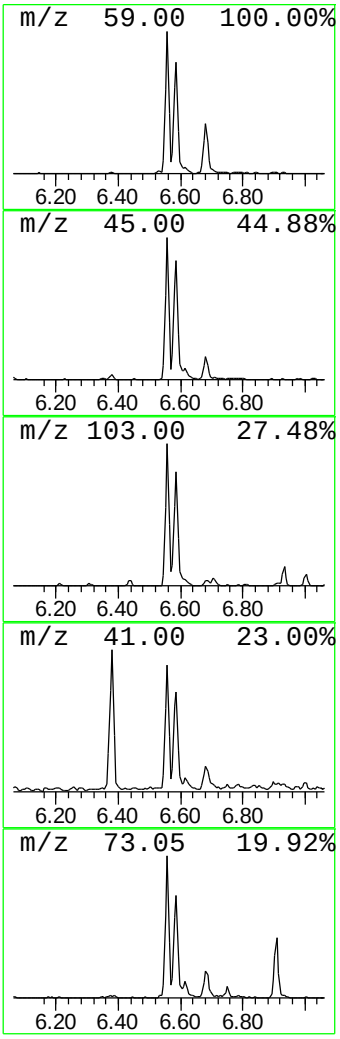
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	7.05 ng	382377	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	56
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	53
4	2,3-Dimercaptopropan-1-ol	124	C3H8OS2	000059-52-9	45
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

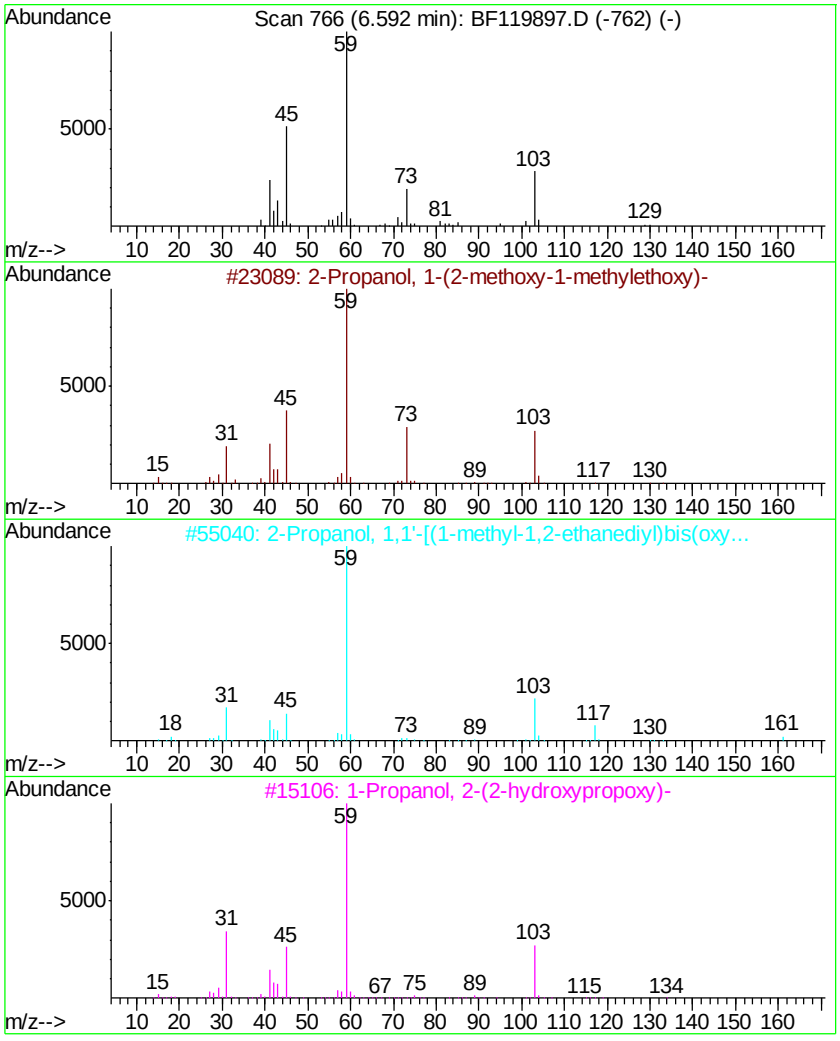
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

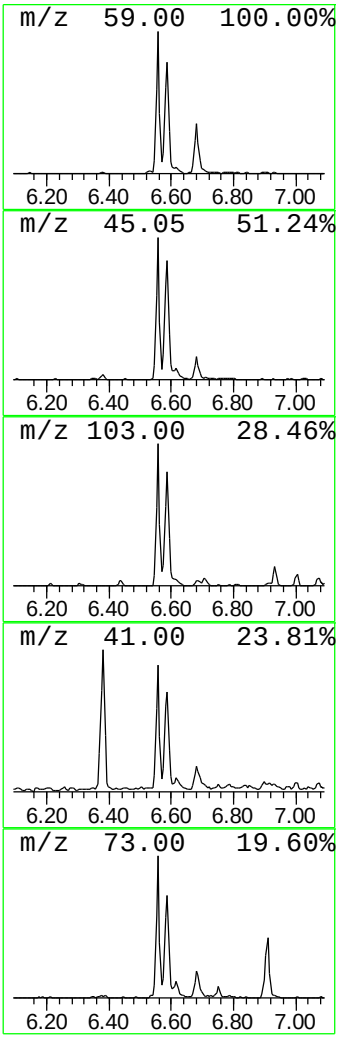
****

Peak Number 3 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	6.43 ng	348675	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	53
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
4	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	50
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

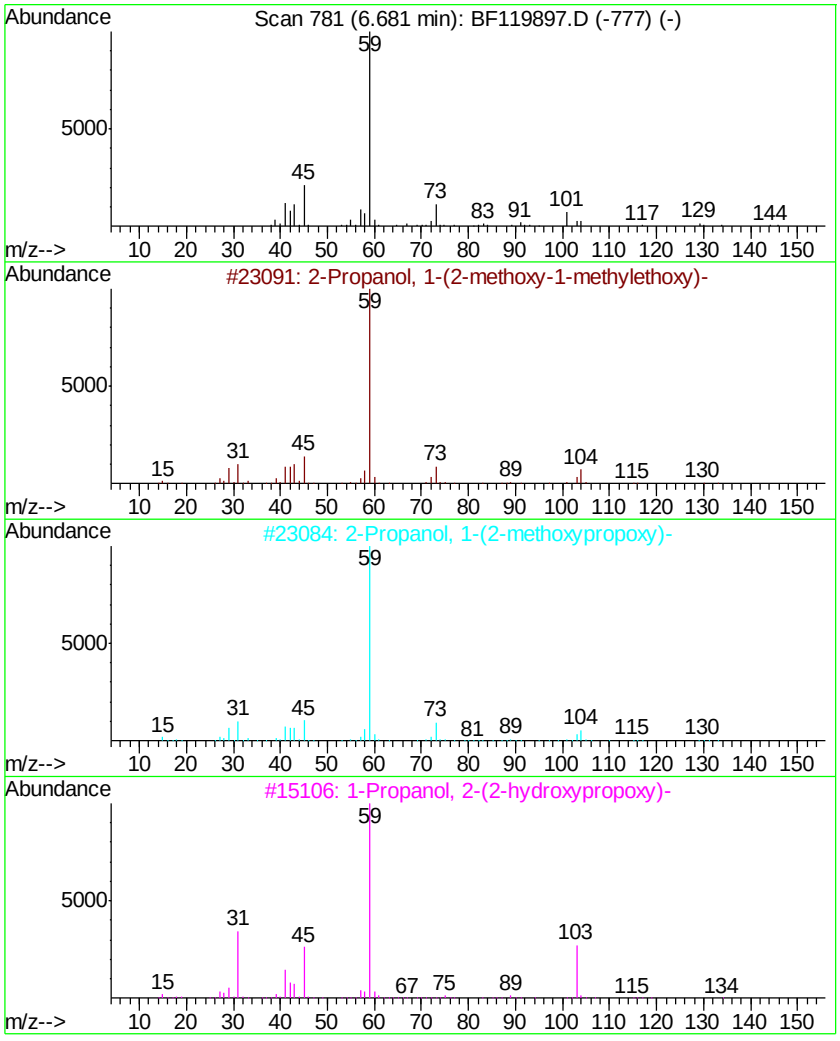
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

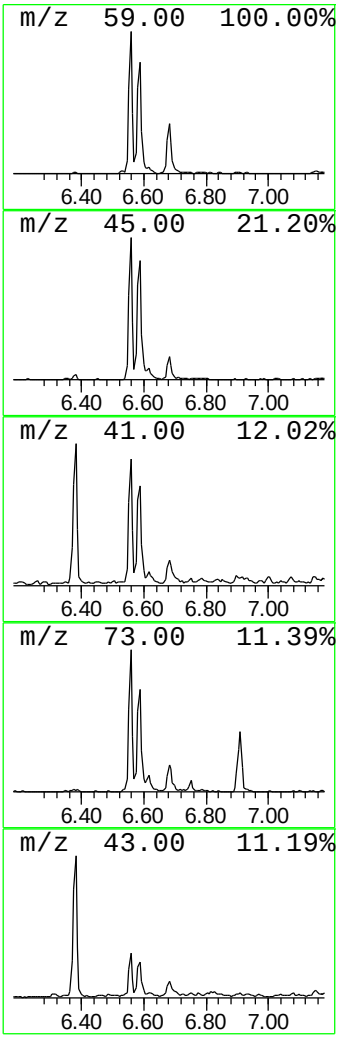
****

Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.23 ng	174896	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	72
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

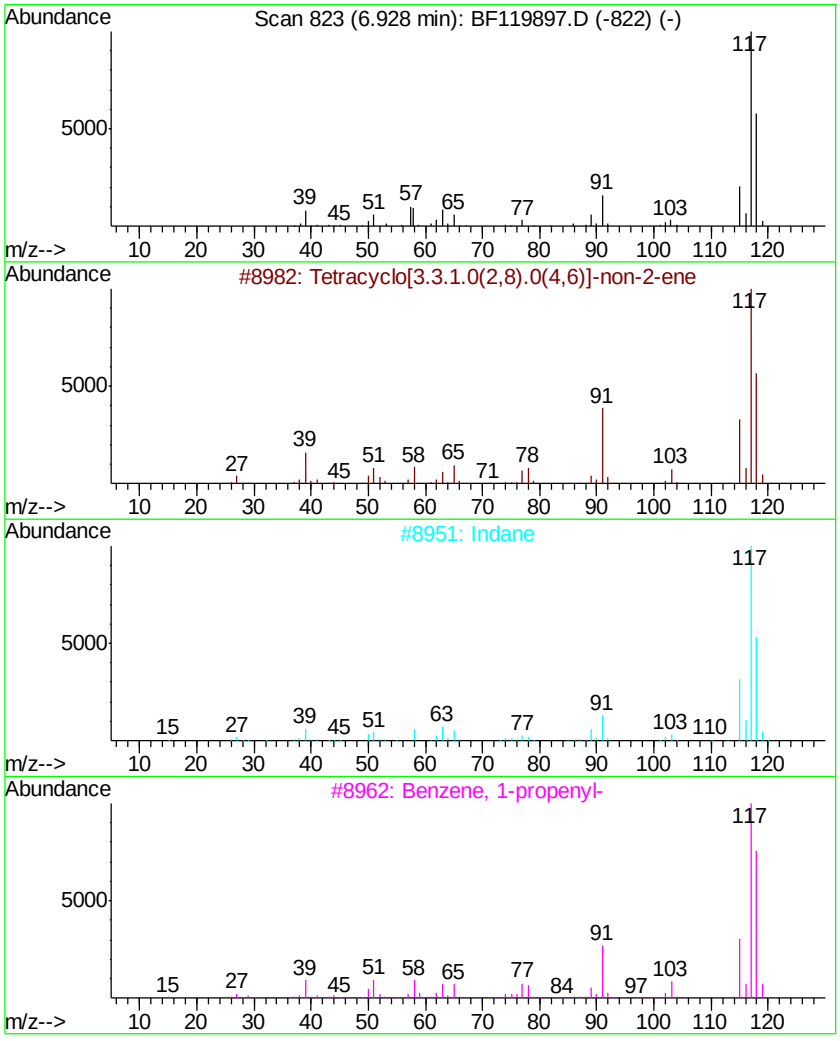
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

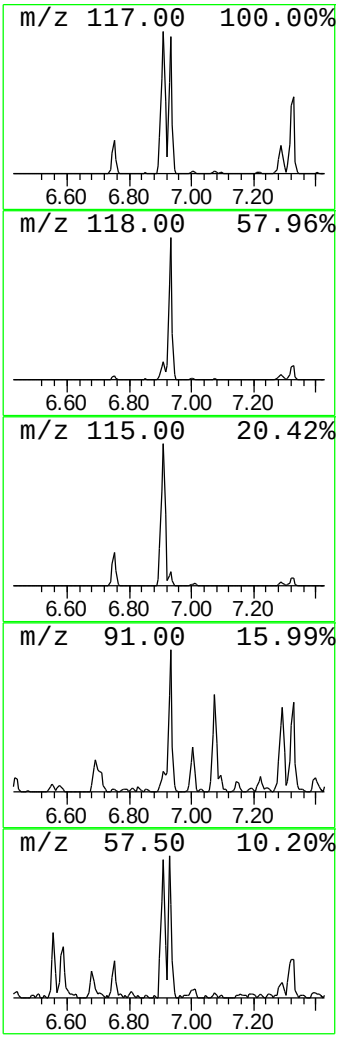
****

Peak Number 6 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	7.34 ng	397643	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
2	Indane	118	C9H10	000496-11-7	74
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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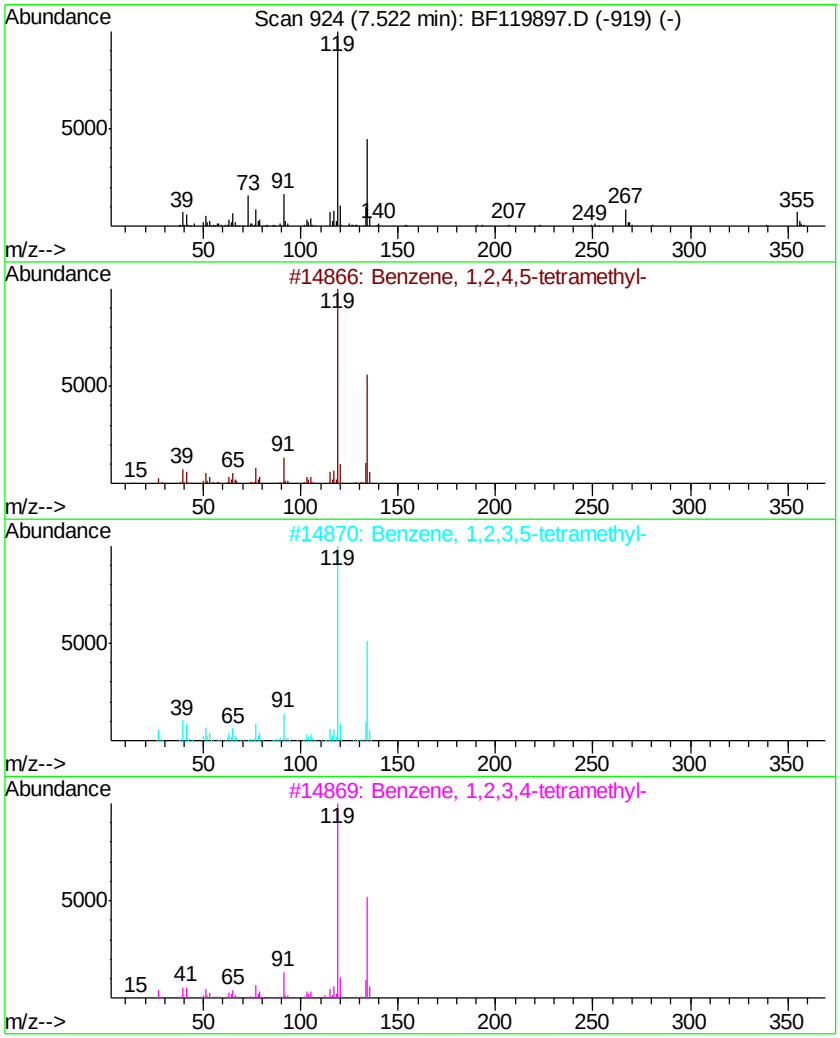
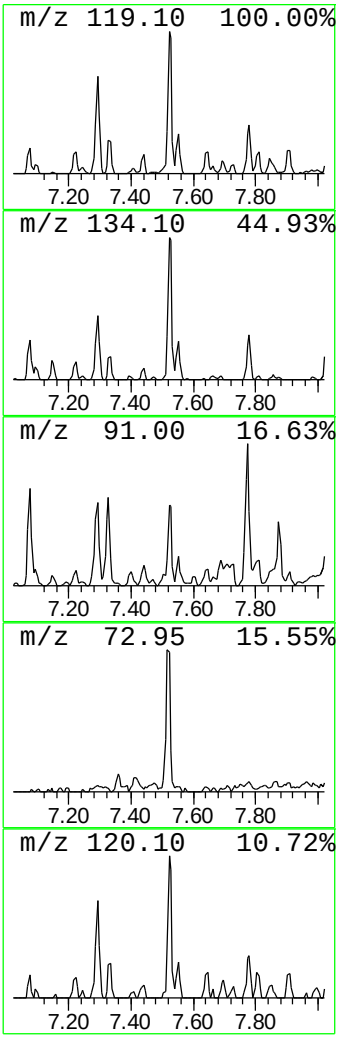
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	3.69 ng	303497	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	89
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





Library Search Compound Report

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Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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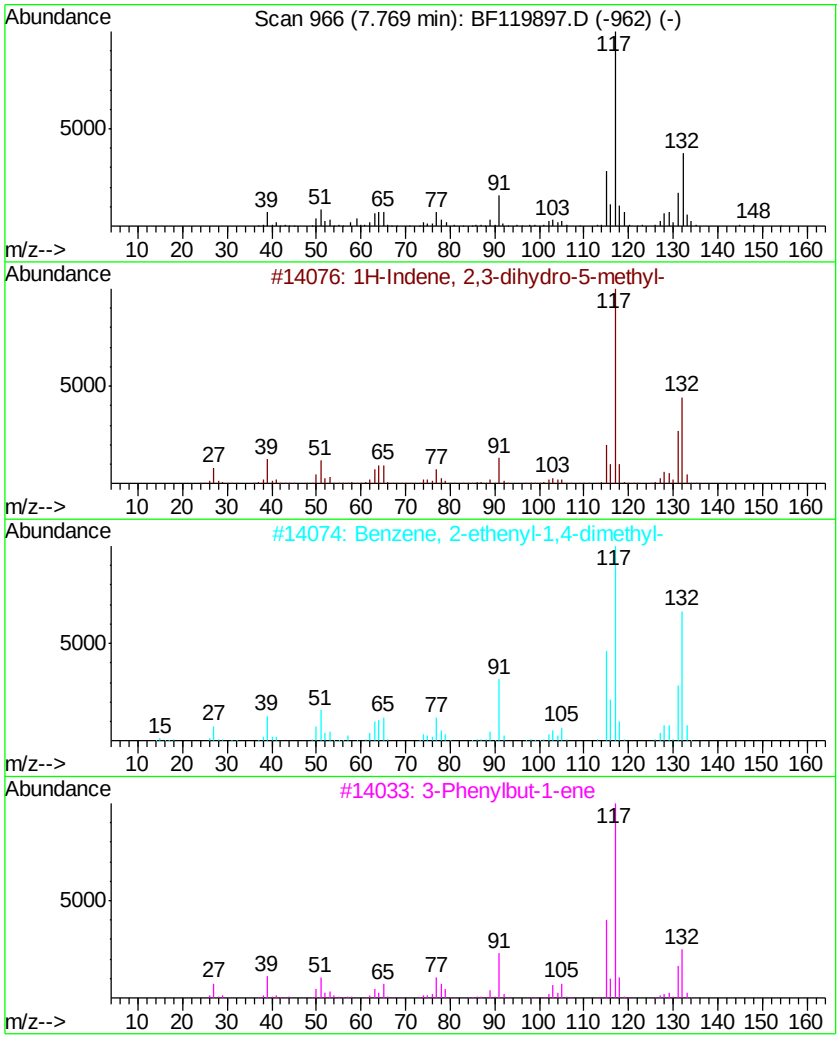
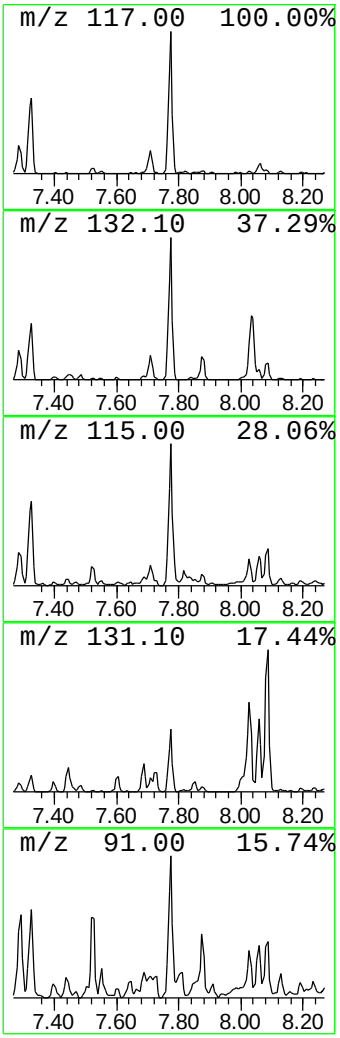
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	8.48 ng	698433	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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Sample : L2178-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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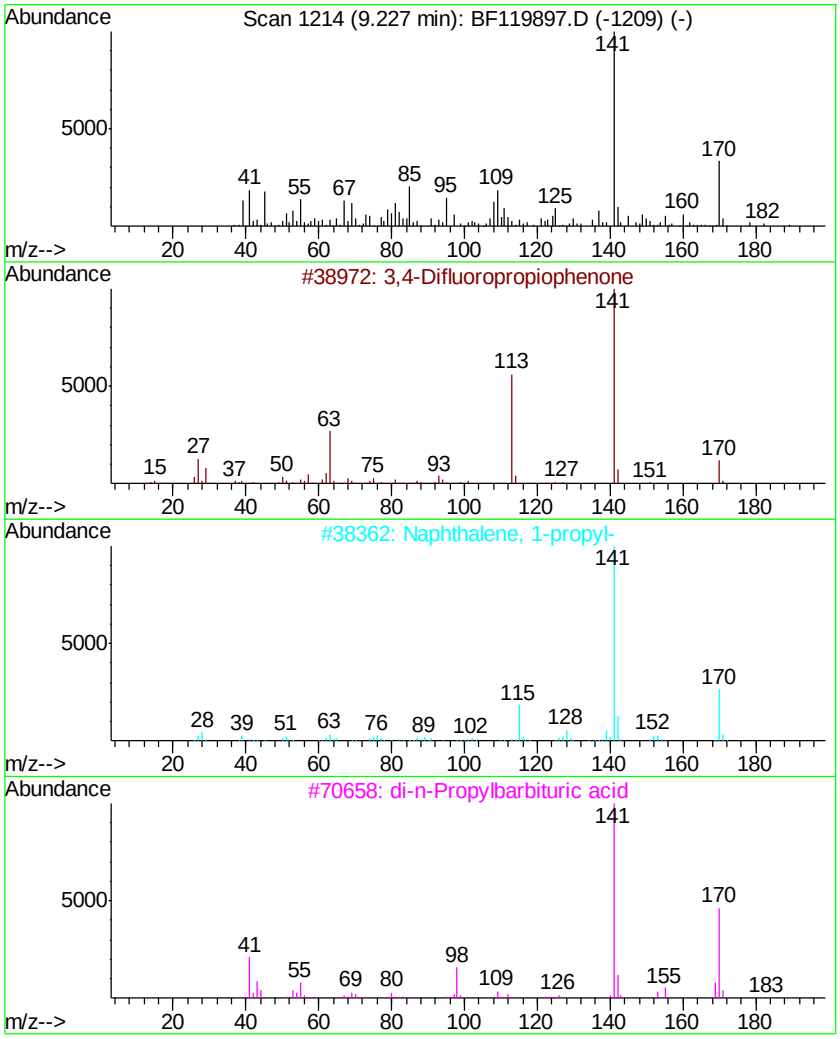
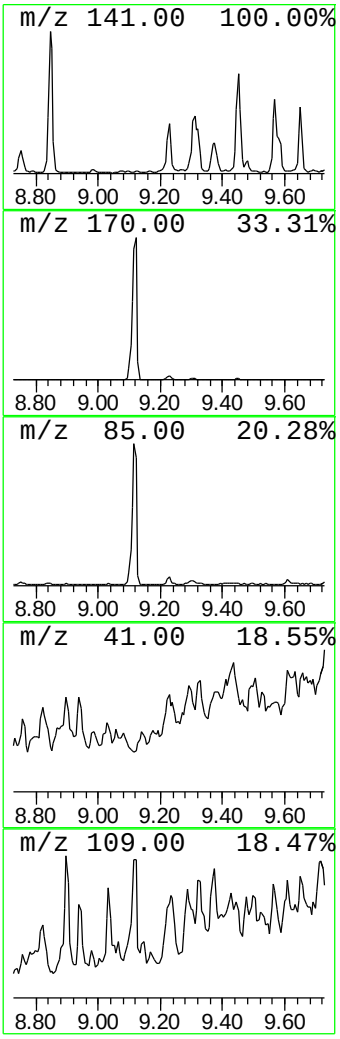
Peak Number 9 unknown9.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.40 ng	373230	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoropropiophenone	170	C9H8F2O	023384-72-7	49
2	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	47
3	di-n-Propylbarbituric acid	212	C10H16N2O3	002217-08-5	47
4	3,4-Difluorobenzoic acid, 4-trid...	340	C20H30F2O2	1000338-60-1	43
5	3,4-Difluorobenzoic acid, 6-trid...	340	C20H30F2O2	1000338-60-3	38





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Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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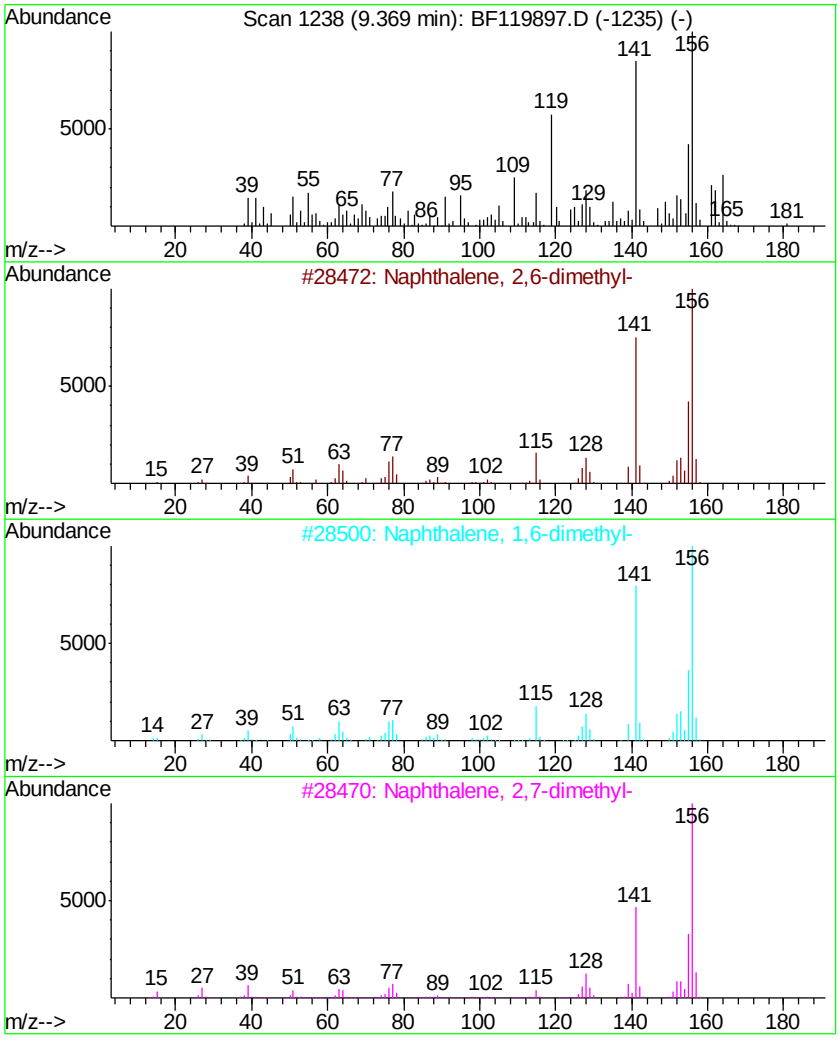
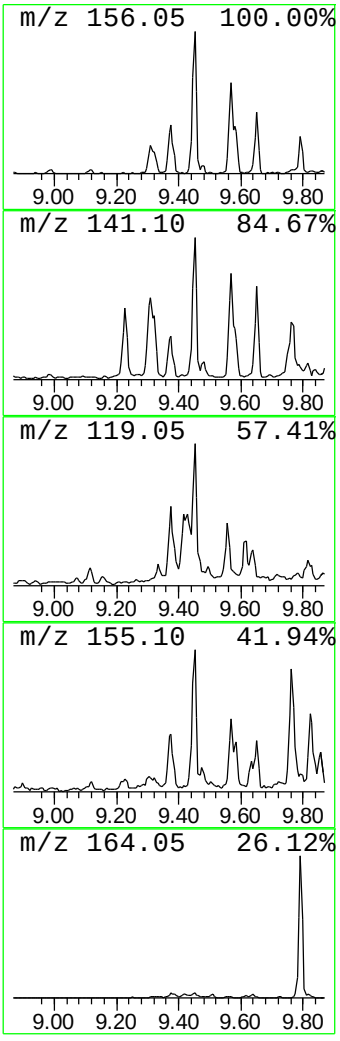
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.94 ng	504072	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	52
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	52





Library Search Compound Report

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Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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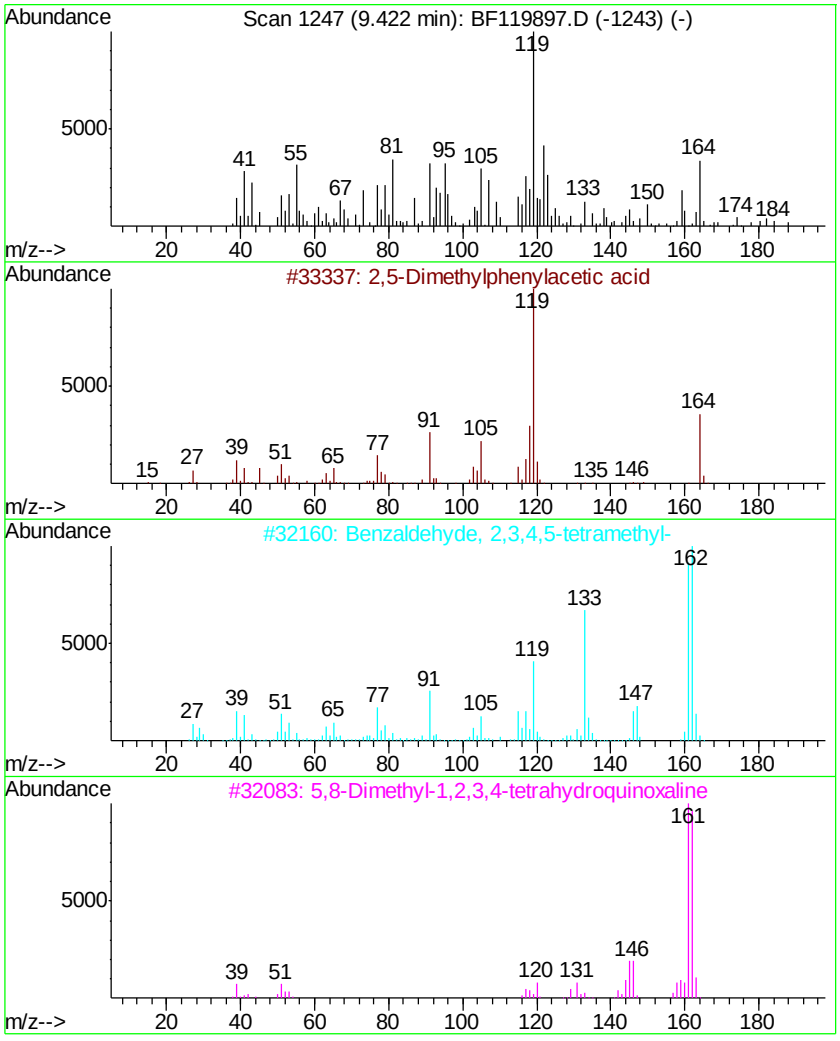
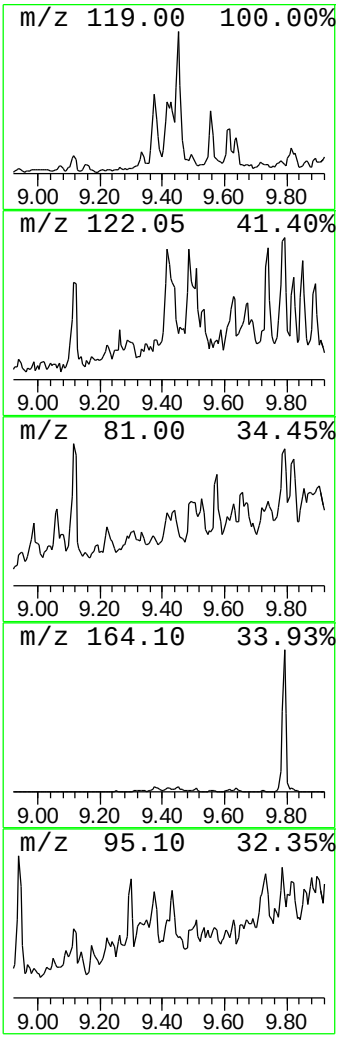
Peak Number 11 unknown9.42 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.09 ng	262050	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	25
2	Benzaldehyde, 2,3,4,5-tetramethyl-	162	C11H14O	029344-95-4	25
3	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	25
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	18
5	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	18





Library Search Compound Report

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Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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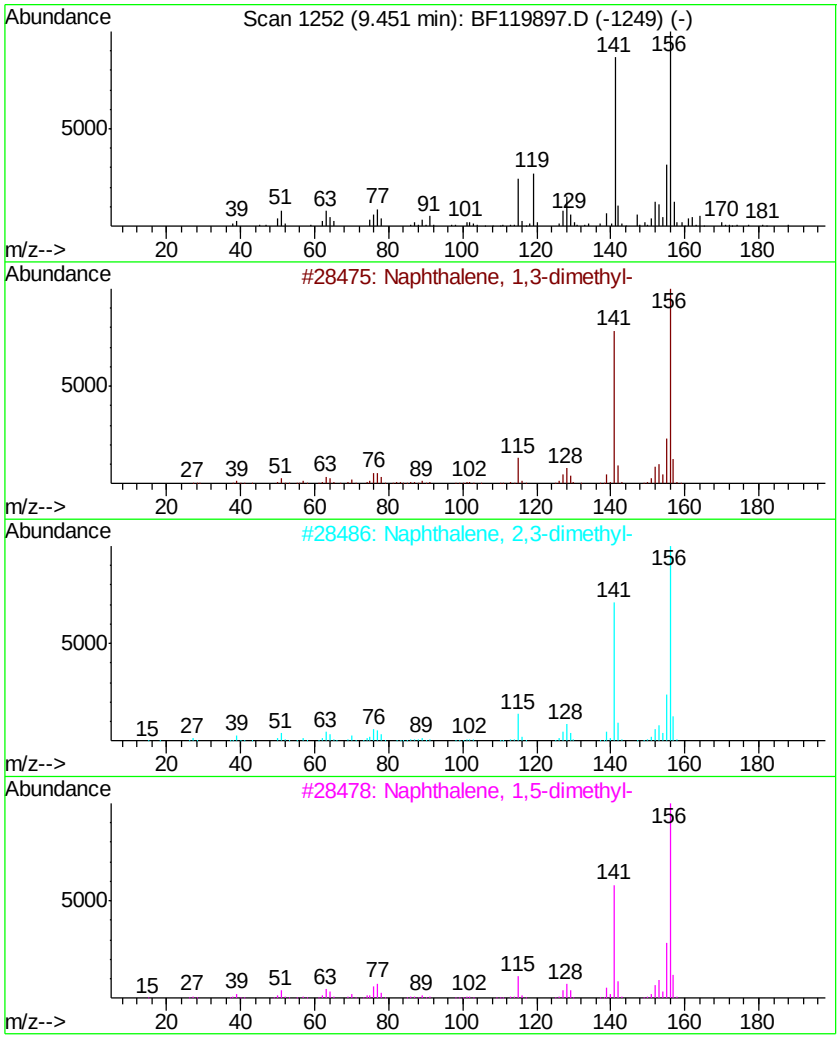
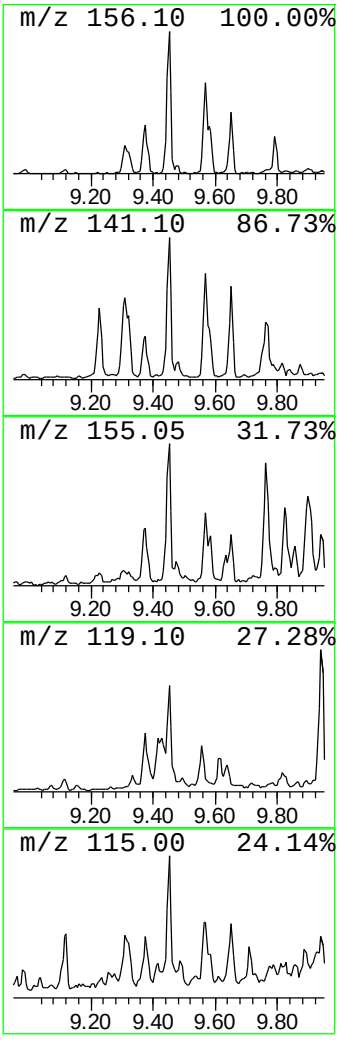
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	7.50 ng	636318	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





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Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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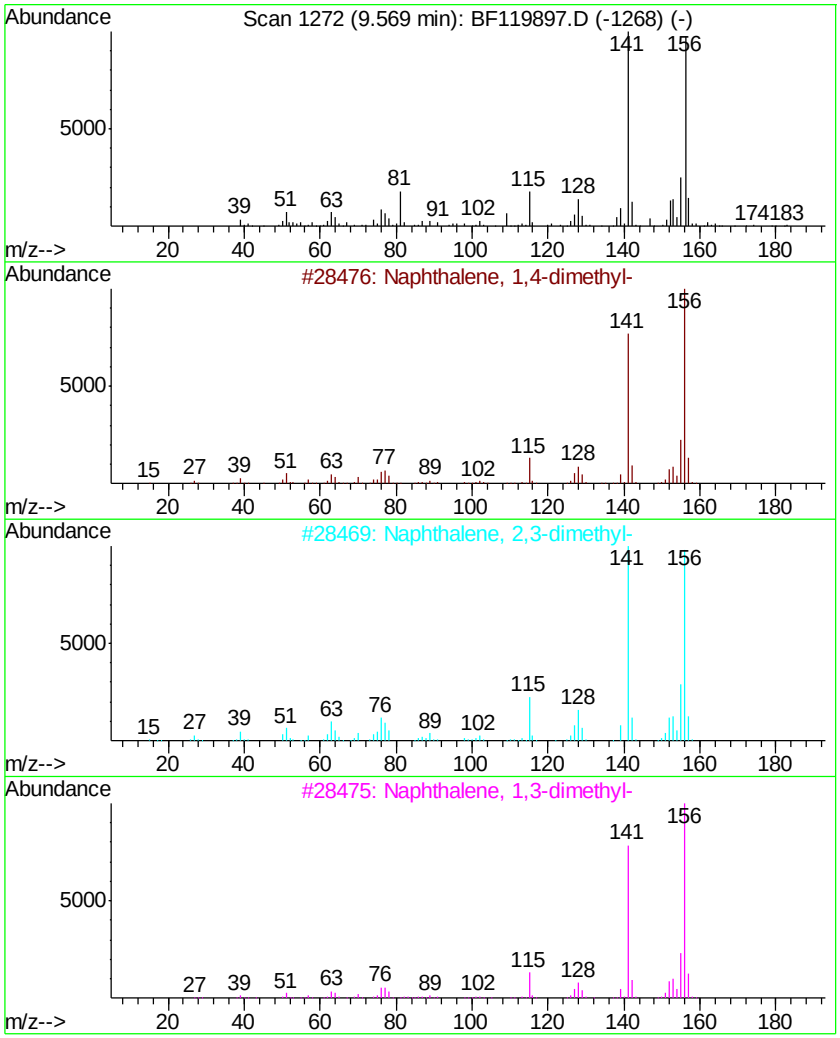
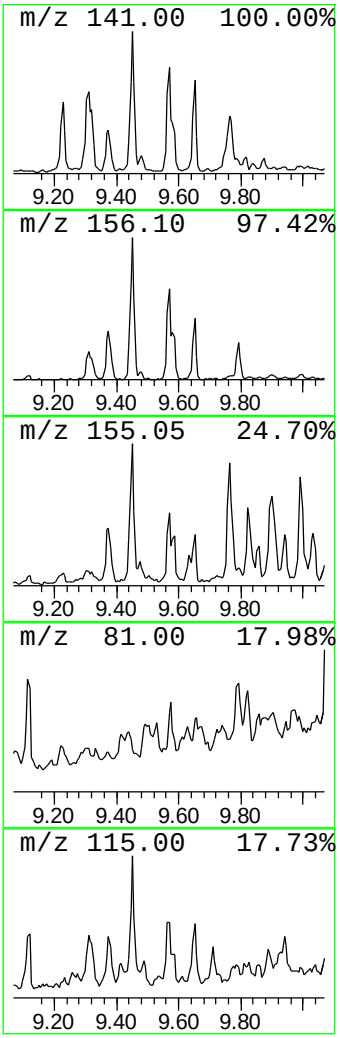
Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.75 ng	318297	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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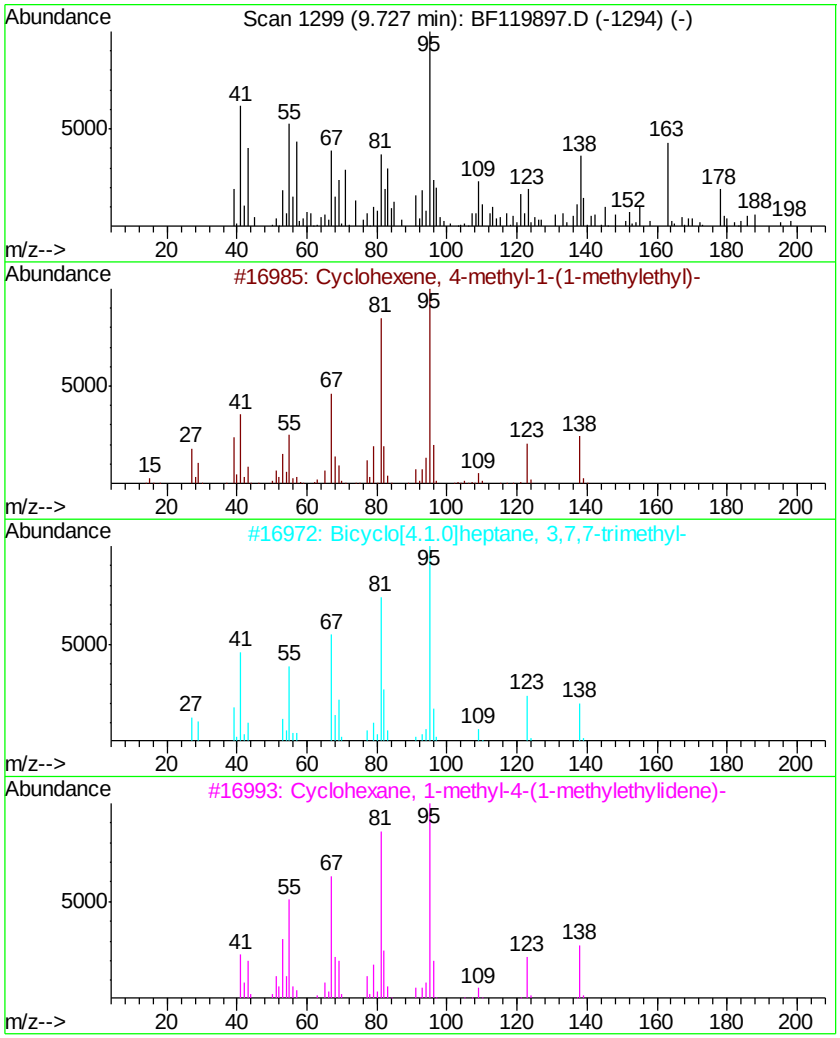
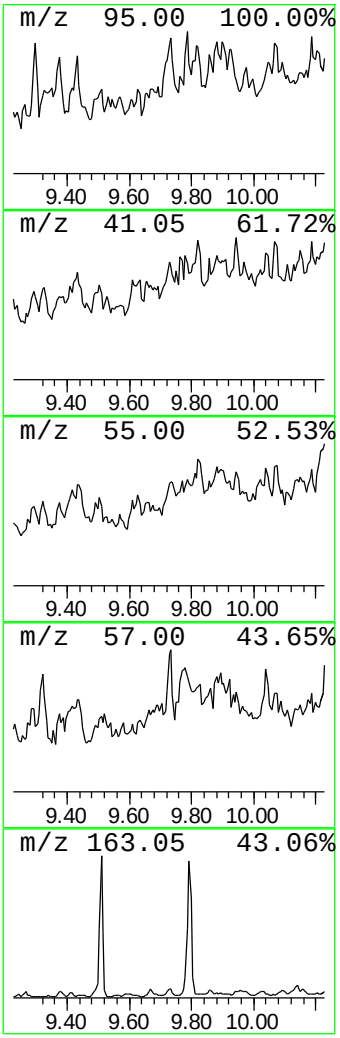
Peak Number 14 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.16 ng	267925	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	64
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	58
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	58
4	4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	58
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	55





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Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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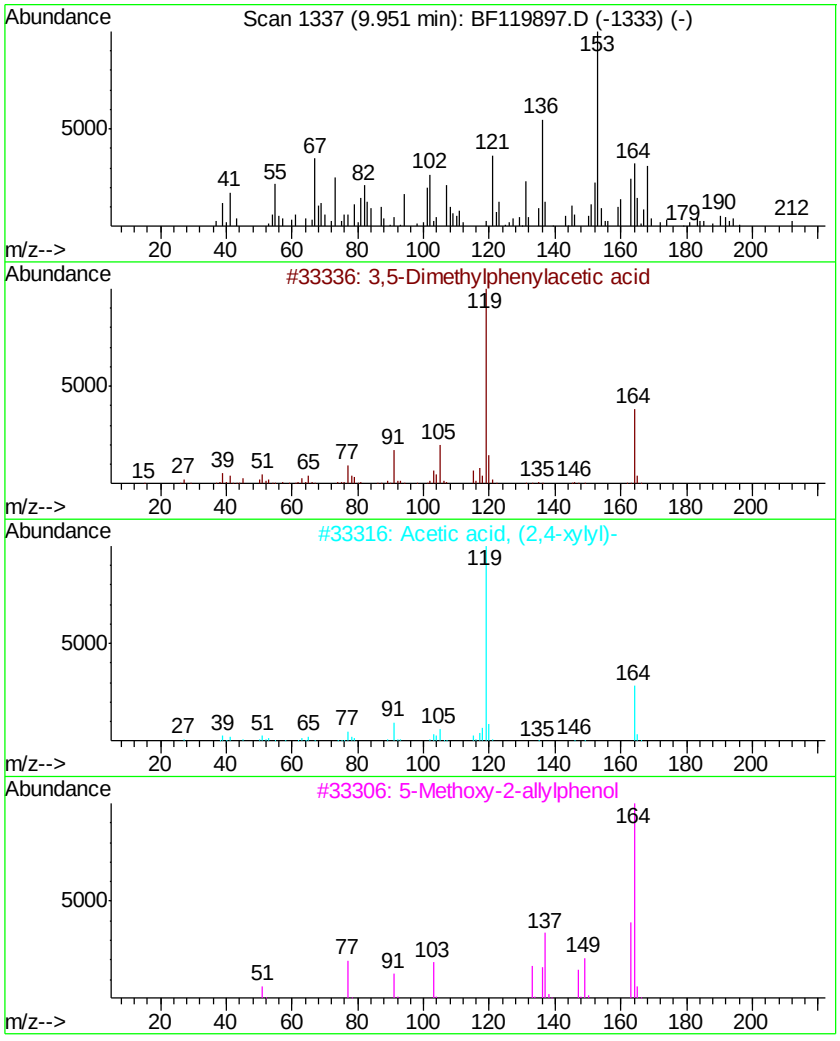
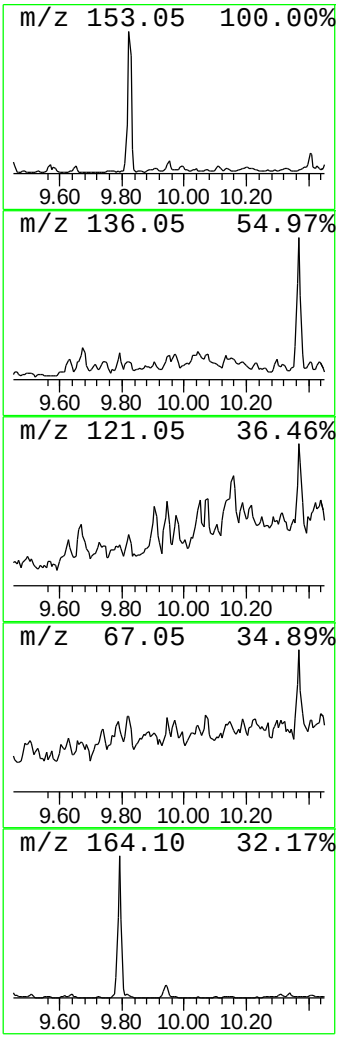
Peak Number 15 3,5-Dimethylphenylacetic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.57 ng	303387	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	58
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	58
3	5-Methoxy-2-allylphenol	164	C10H12O2	1000306-52-6	43
4	1,3-Benzenediamine, N,N,N',N'-te...	164	C10H16N2	022440-93-3	38
5	3-Pyridinecarbonitrile, 1,2-dihy...	164	C8H8N2O2	000524-40-3	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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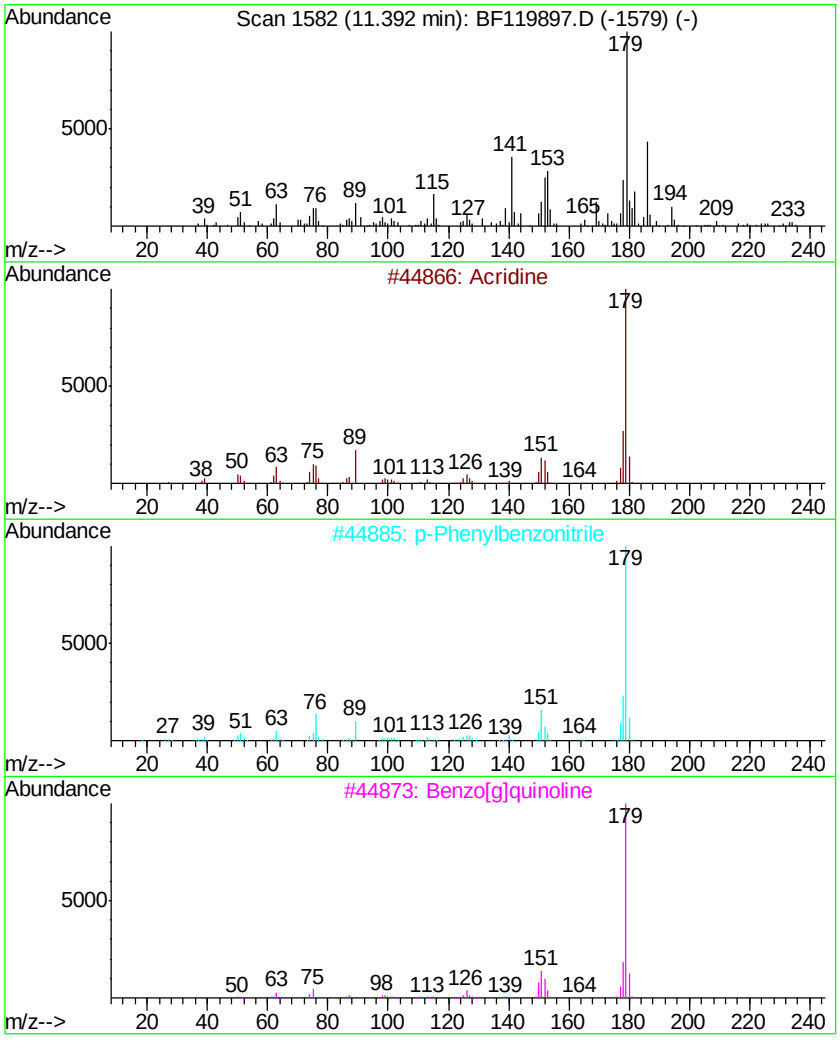
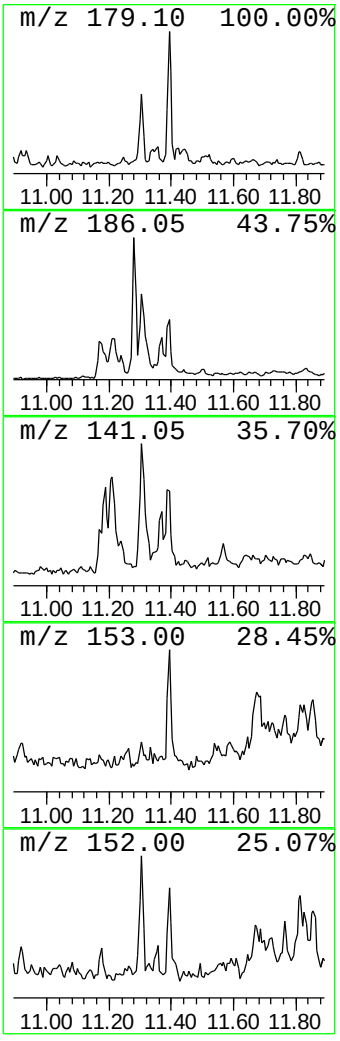
Peak Number 16 Acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.75 ng	299350	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	64
2	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	46
3	Benzo[g]quinoline	179	C13H9N	000260-36-6	43
4	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	43
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	43





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Sample : L2178-05
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
MW-1A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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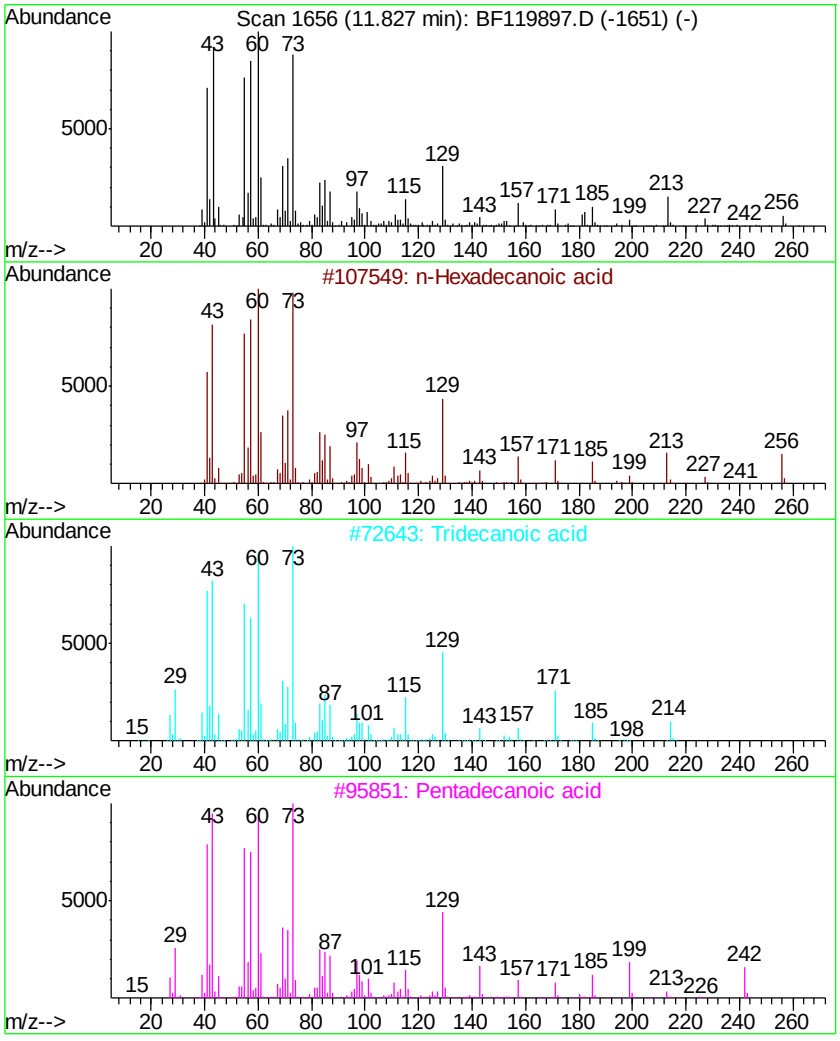
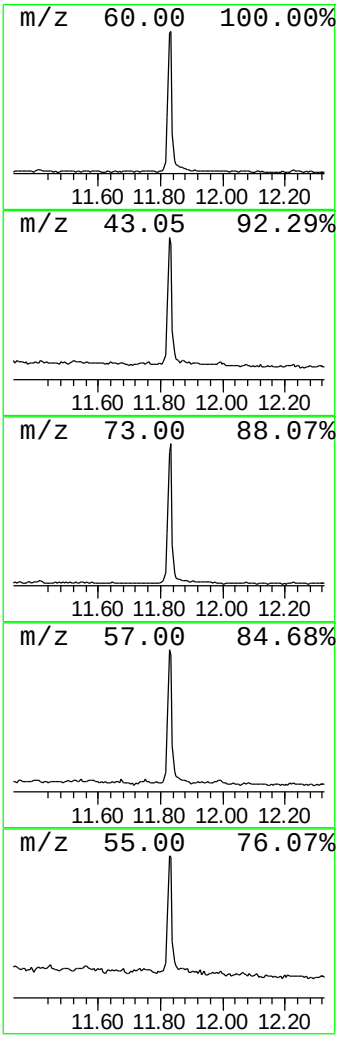
Peak Number 17 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	17.04 ng	1359460	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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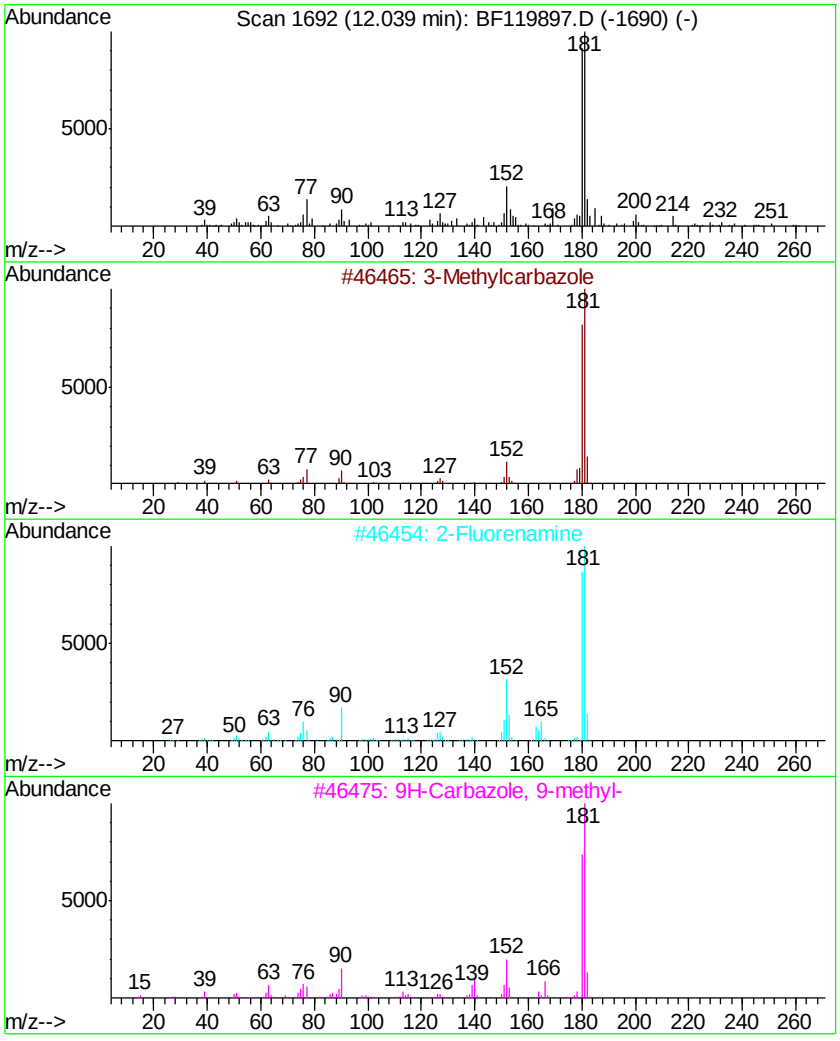
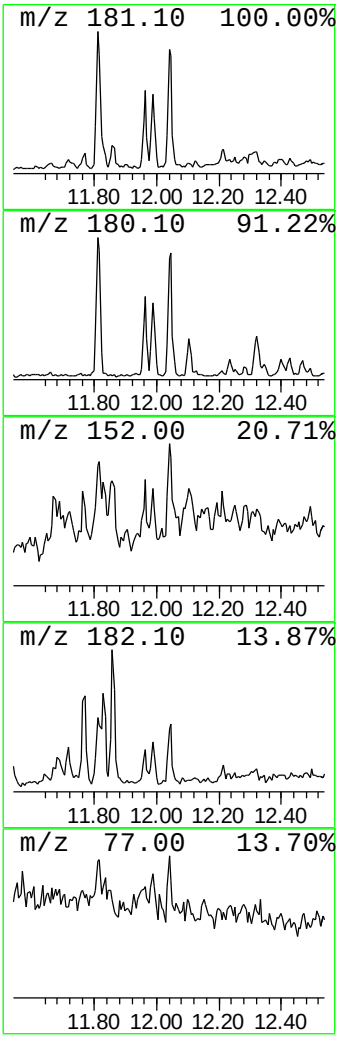
Peak Number 18 3-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.95 ng	235103	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	91
2	2-Fluorenamine	181	C13H11N	000153-78-6	87
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	83
4	1-Aminofluorene	181	C13H11N	006344-63-4	83
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

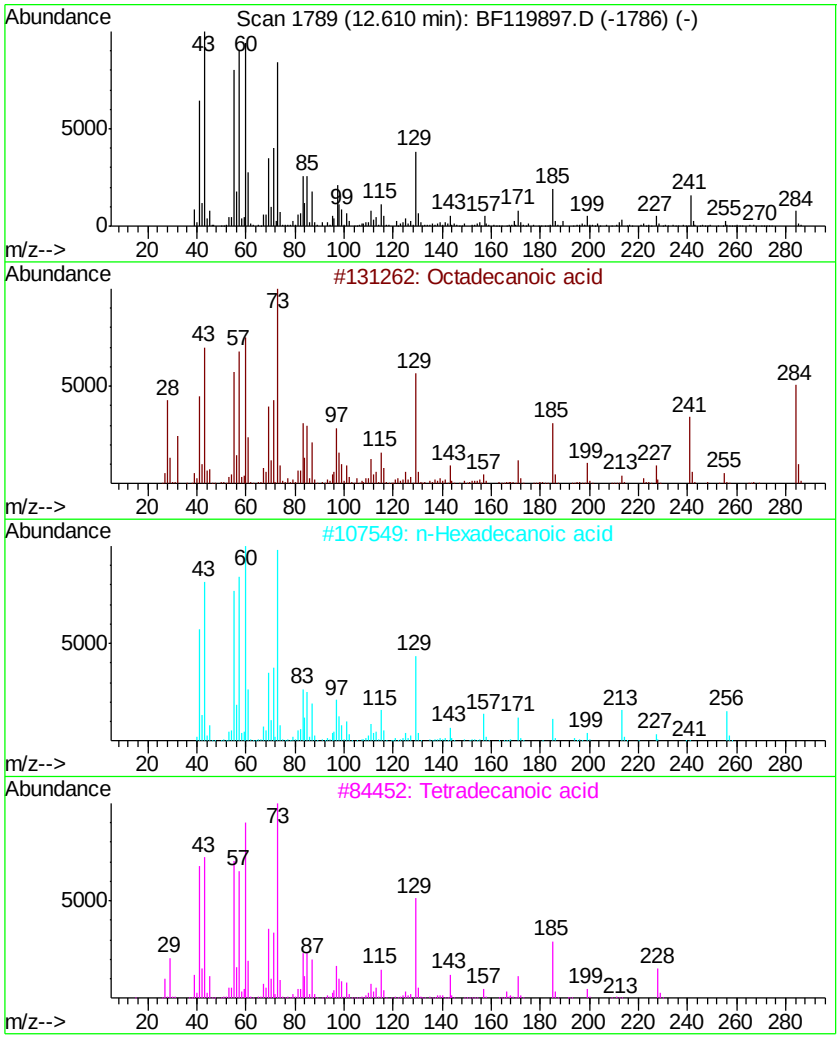
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

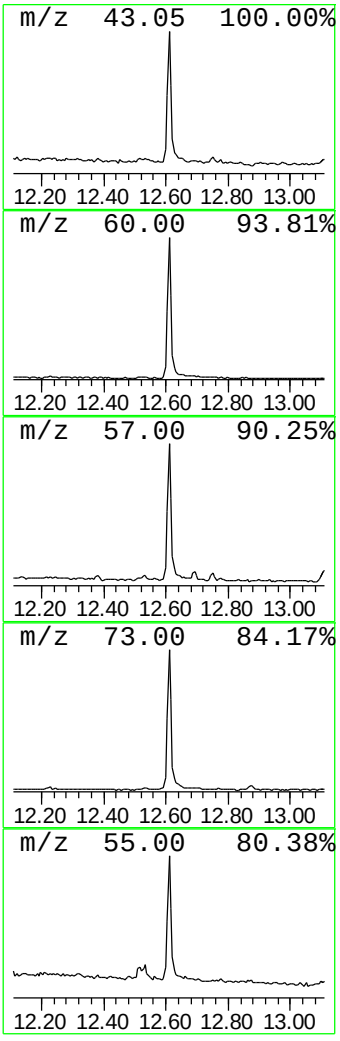
****

Peak Number 19 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	14.51 ng	862734	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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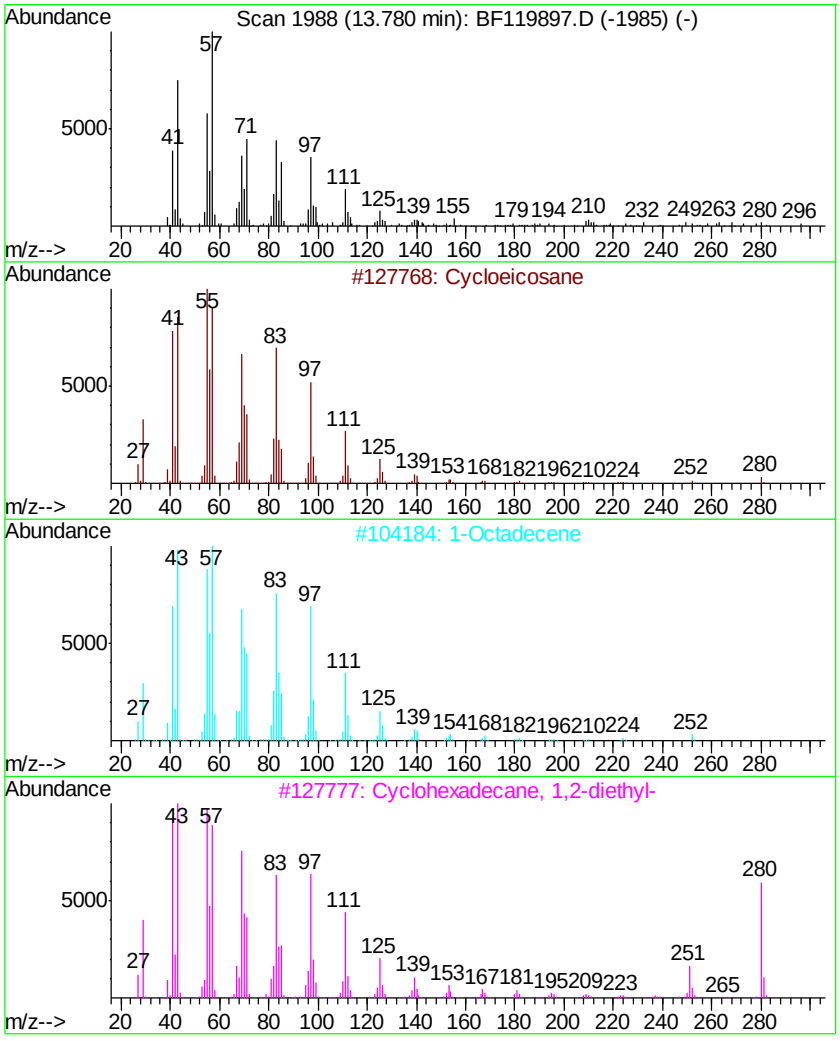
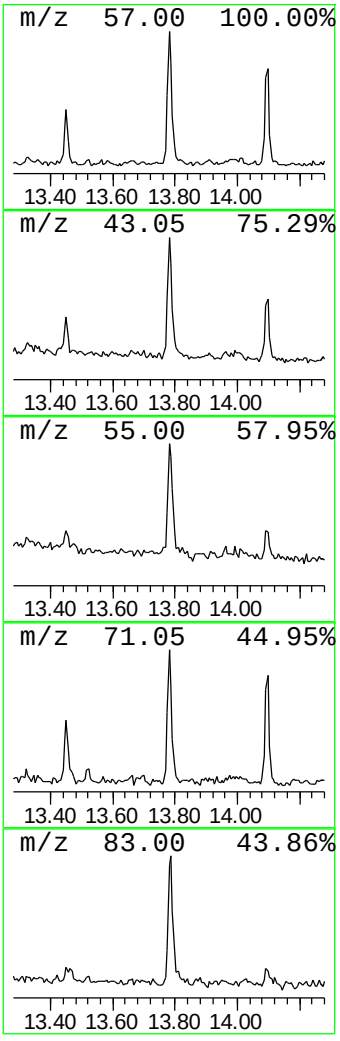
Peak Number 20 Cycloeicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.52 ng	268764	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.95	3.9	ng	211872	1	6.75	1084060	20.0
2-Propanol, 1-(2-...	6.56	7.0	ng	382377	1	6.75	1084060	20.0
2-Propanol, 1,1'-...	6.59	6.4	ng	348675	1	6.75	1084060	20.0
2-Propanol, 1-(2-...	6.68	3.2	ng	174896	1	6.75	1084060	20.0
Tetracyclo[3.3.1....	6.93	7.3	ng	397643	1	6.75	1084060	20.0
Benzene, 1,2,4,5-...	7.52	3.7	ng	303497	2	8.04	1646550	20.0
1H-Indene, 2,3-di...	7.77	8.5	ng	698433	2	8.04	1646550	20.0
unknown9.23	9.23	4.4	ng	373230	3	9.79	1697780	20.0
Naphthalene, 2,6-...	9.37	5.9	ng	504072	3	9.79	1697780	20.0
unknown9.42	9.42	3.1	ng	262050	3	9.79	1697780	20.0
Naphthalene, 1,3-...	9.45	7.5	ng	636318	3	9.79	1697780	20.0
Naphthalene, 1,4-...	9.57	3.8	ng	318297	3	9.79	1697780	20.0
Cyclohexene, 4-me...	9.73	3.2	ng	267925	3	9.79	1697780	20.0
3,5-Dimethylpheny...	9.95	3.6	ng	303387	3	9.79	1697780	20.0
Acridine	11.39	3.8	ng	299350	4	11.28	1595200	20.0
n-Hexadecanoic acid	11.83	17.0	ng	1359460	4	11.28	1595200	20.0
3-Methylcarbazole	12.04	3.0	ng	235103	4	11.28	1595200	20.0
Octadecanoic acid	12.61	14.5	ng	862734	5	13.92	1189120	20.0
Cycloeicosane	13.78	4.5	ng	268764	5	13.92	1189120	20.0