LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

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-BF072018.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	5.131	472	475	480	rVB2	99712	102852	2.92%	0.165%
2	5.184	480	484	491	rBV	186219	223542	6.34%	0.359%
3	5.378	513	517	521	rBV2	63513	91238	2.59%	0.146%
4	5.560	544	548	551	rBV2	61738	74147	2.10%	0.119%
5	5.595	551	554	562	rVV	232780	499618	14.18%	0.801%
6	5.654	562	564	567	rVV2	110536	141614	4.02%	0.227%
7	5.684	567	569	574	rVV5	68414	122158	3.47%	0.196%
8	5.725	574	576	578	rVV3	68386	88249	2.50%	0.142%
9	5.748	578	580	582	rVV	88124	93287	2.65%	0.150%
10	5.772	582	584	587	rVV	119439	105001	2.98%	0.168%
11	5.813	587	591	594	rVV	68811	79772	2.26%	0.128%
12	5.978	612	619	622	rBV2	152995	215549	6.12%	0.346%
13	6.125	640	644	650	rVV2	287651	409750	11.63%	0.657%
14	6.189	652	655	657	rVV2	196327	238518	6.77%	0.383%
15	6.207	657	658	663	rVV	245412	224279	6.37%	0.360%
16	6.248	663	665	668	rVB	134948	113758	3.23%	0.182%
17	6.389	684	689	692	rBV3	119143	203727	5.78%	0.327%
18	6.419	692	694	696	rVV	182583	182727	5.19%	0.293%
19	6.442	696	698	702	rVB2	122439	128550	3.65%	0.206%
20	6.489	702	706	711	rBV2	257115	319867	9.08%	0.513%
21	6.601	722	725	727	rBV2	214471	252773	7.17%	0.405%
22	6.625	727	729	731	rVV2	226903	211208	5.99%	0.339%
23	6.648	731	733	736	rVV	110640	143962	4.09%	0.231%
24	6.689	736	740	744	rVV4	141831	241015	6.84%	0.387%
25	6.731	744	747	755	rVV	1322653	1934010	54.89%	3.102%
26	6.789	755	757	759	rVV2	172580	179704	5.10%	0.288%
27	6.907	774	777	781	rVV2	308129	345945	9.82%	0.555%
28	6.960	782	786	797	rVB2	730518	1224109	34.74%	1.964%
29	7.089	805	808	809	rBV	239122	216319	6.14%	0.347%
30	7.113	809	812	815	rBV2	2103602	2310274	65.57%	3.706%
31	7.172	820	822	824	rVV	180471	178337	5.06%	0.286%
32	7.201	824	827	836	rVB2	846460	1053544	29.90%	1.690%
33	7.289	836	842	849	rBV	730257	954145	27.08%	1.531%
34	7.348	849	852	854	rBV2	319523	275792	7.83%	0.442%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.372	854	856	861	rVB6	120267	167737	4.76%	0.269%
36	7.419	861	864	866	rBV3	89369	94840	2.69%	0.152%
37	7.489	869	876	879	rBV	1660377	1963222	55.72%	3.149%
38	7.525	879	882	889	rVV2	2445052	3103643	88.08%	4.979%
39	7.589	889	893	897	rVB5	407422	580041	16.46%	0.930%
40	7.642	899	902	905	rVB2	429001	418701	11.88%	0.672%
41	7.719	913	915	919	rVB	1278986	1058029	30.03%	1.697%
42	7.760	920	922	926	rVB3	373382	421251	11.96%	0.676%
43	7.801	926	929	930	rBV	90852	87178	2.47%	0.140%
44	7.836	930	935	939	rVB5	294986	461109	13.09%	0.740%
45	7.883	939	943	946	rBV3	696148	995281	28.25%	1.597%
46	7.978	954	959	962	rBV	2212193	2403147	68.20%	3.855%
47	8.048	967	971	973	rBV3	360297	468630	13.30%	0.752%
48	8.078	973	976	978	rVV	954622	954099	27.08%	1.530%
49	8.101	978	980	983	rVV	508631	431997	12.26%	0.693%
50	8.130	983	985	987	rVV3	96232	96962	2.75%	0.156%
51	8.178	991	993	995	rVV2	229335	206555	5.86%	0.331%
52	8.225	995	1001	1002	rVV2	670748	881914	25.03%	1.415%
53	8.242	1002	1004	1008	rVV2	1508904	2091044	59.34%	3.354%
54	8.283	1008	1011	1014	rVB	1369924	1309241	37.16%	2.100%
55	8.319	1014	1017	1022	rBV2	395543	440849	12.51%	0.707%
56	8.360	1022	1024	1025	rBV	125903	86675	2.46%	0.139%
57	8.383	1026	1028	1031	rVV	219106	228152	6.47%	0.366%
58	8.407	1031	1032	1034	rVV2	145022	88991	2.53%	0.143%
59	8.436	1034	1037	1042	rVV	977552	973276	27.62%	1.561%
60	8.483	1042	1045	1048	rVV2	821419	831790	23.61%	1.334%
61	8.519	1048	1051	1056	rVB3	490585	560292	15.90%	0.899%
62	8.560	1056	1058	1059	rBV2	112203	97092	2.76%	0.156%
63	8.578	1059	1061	1064	rVB3	158994	142449	4.04%	0.229%
64	8.619	1064	1068	1070	rBV3	621270	765777	21.73%	1.228%
65	8.642	1070	1072	1074	rVB	586215	418459	11.88%	0.671%
66	8.672	1074	1077	1079	rBV3	146084	170089	4.83%	0.273%
67	8.707	1080	1083	1087	rVB2	465617	526716	14.95%	0.845%
68	8.742	1087	1089	1091	rBV2	370304	264176	7.50%	0.424%
69	8.795	1096	1098	1100	rVB	184420	128085	3.64%	0.205%
70	8.825	1101	1103	1105	rBV3	146275	150861	4.28%	0.242%
71	8.901	1113	1116	1119	rBV2	1104864	998303	28.33%	1.601%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.930	1119	1121	1127	rVB4	482451	620937	17.62%	0.996%
73	9.025	1135	1137	1140	rVB3	253447	217898	6.18%	0.350%
74	9.060	1140	1143	1147	rBV	1041153	1066153	30.26%	1.710%
75	9.130	1152	1155	1158	rBV2	500603	464568	13.18%	0.745%
76	9.248	1171	1175	1178	rBV3	650463	930383	26.40%	1.492%
77	9.277	1178	1180	1183	rVV3	456661	482471	13.69%	0.774%
78	9.319	1183	1187	1190	rVV	3453289	3523602	100.00%	5.652%
79	9.348	1190	1192	1195	rVB2	617337	549607	15.60%	0.882%
80	9.489	1214	1216	1219	rBV2	418460	419154	11.90%	0.672%
81	9.666	1241	1246	1249	rBV2	768329	1145258	32.50%	1.837%
82	9.701	1249	1252	1260	rVB2	820923	1321652	37.51%	2.120%
83	9.760	1260	1262	1266	rBV3	321813	338594	9.61%	0.543%
84	10.001	1301	1303	1308	rVB2	1198370	1201376	34.10%	1.927%
85	10.077	1312	1316	1324	rBV2	539649	1029750	29.22%	1.652%
86	10.313	1353	1356	1359	rBV3	408574	491435	13.95%	0.788%
87	10.366	1363	1365	1367	rBV2	191193	157611	4.47%	0.253%
88	10.442	1373	1378	1382	rBV3	326658	610447	17.32%	0.979%
89	10.630	1407	1410	1416	rVB3	351994	474593	13.47%	0.761%
90	10.801	1435	1439	1447	rVB	1350806	1678096	47.62%	2.692%
91	11.495	1554	1557	1563	rBV	955453	1133201	32.16%	1.818%
92	12.007	1641	1644	1653	rVB	532871	618912	17.56%	0.993%
93	12.783	1774	1776	1784	rVB3	109267	147038	4.17%	0.236%
94	13.077	1822	1826	1841	rBV	2688689	2730669	77.50%	4.380%
95	13.954	1971	1975	1983	rBV	245447	262081	7.44%	0.420%
96	14.142	2003	2007	2017	rBV	913441	1077585	30.58%	1.729%
97	14.977	2146	2149	2155	rVB	67114	79681	2.26%	0.128%
98	15.248	2192	2195	2201	rVB	79221	87568	2.49%	0.140%
99	15.671	2260	2267	2277	rBV	687963	1129765	32.06%	1.812%
100	16.106	2337	2341	2348	rVB	66361	104012	2.95%	0.167%

Sum of corrected areas: 62340090

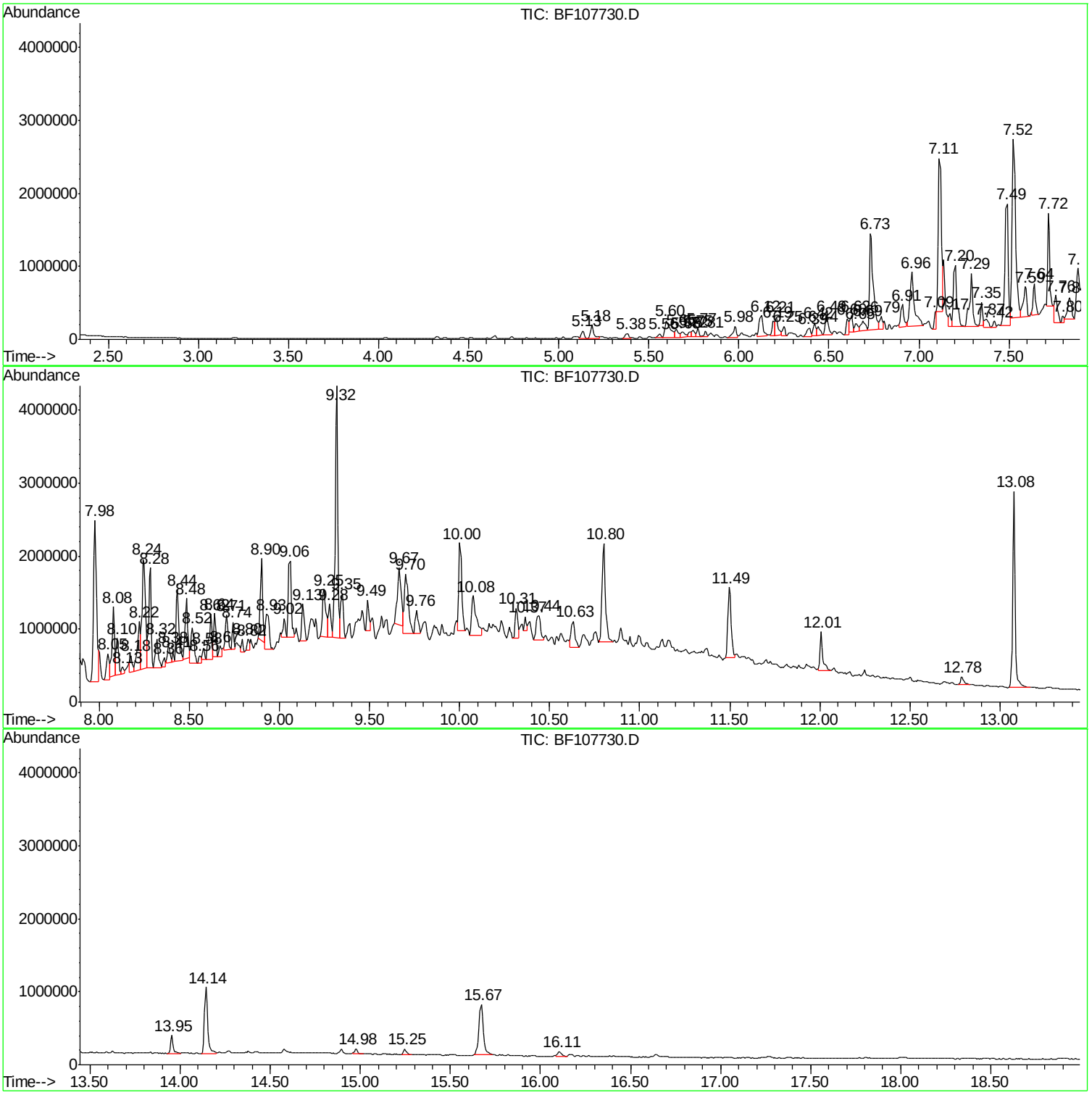
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

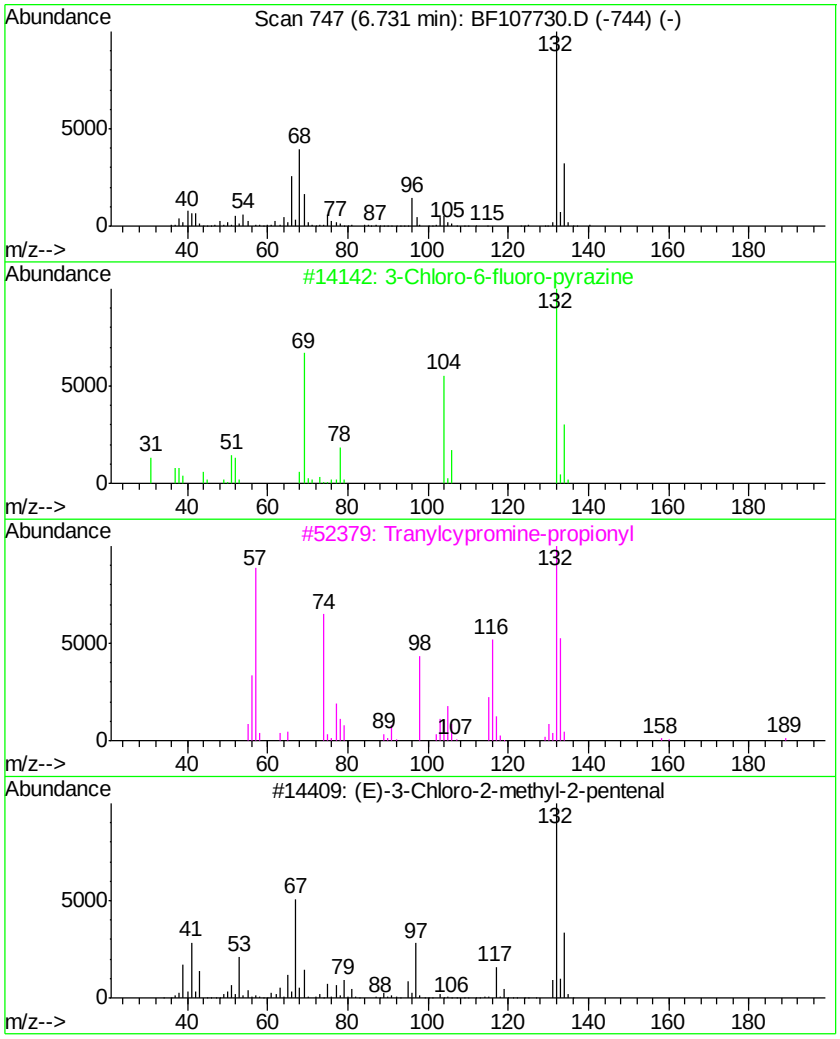
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

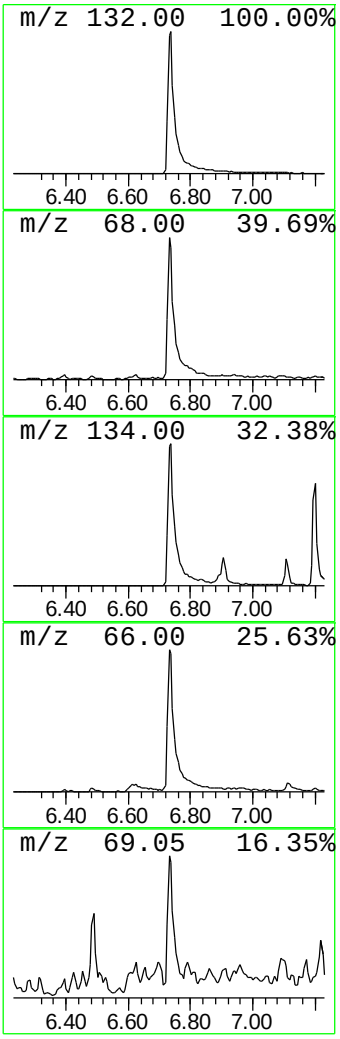
****

Peak Number 1 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	31.60 ng	1934010	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

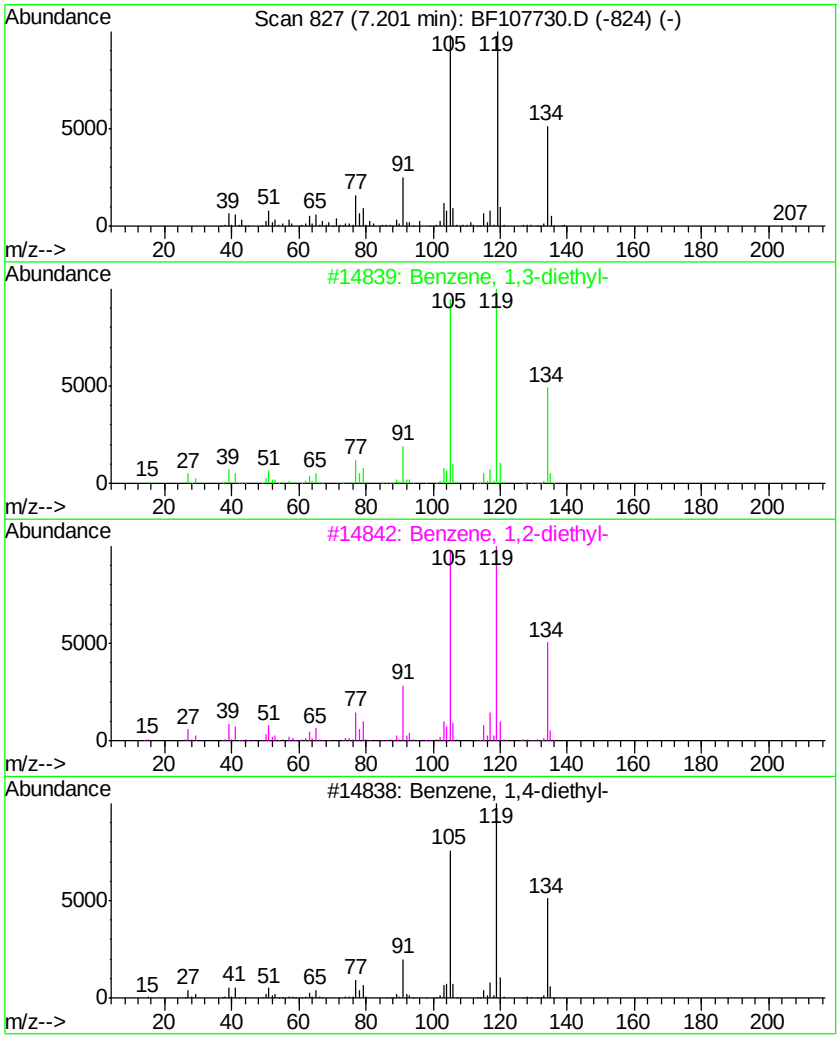
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

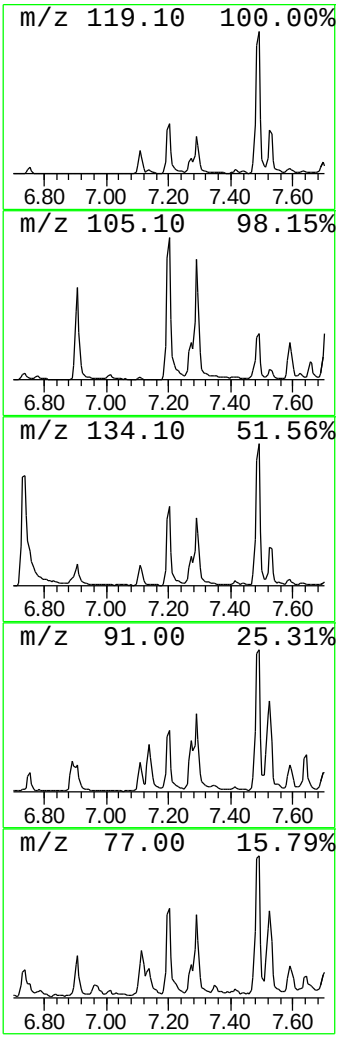
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	17.21 ng	1053540	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

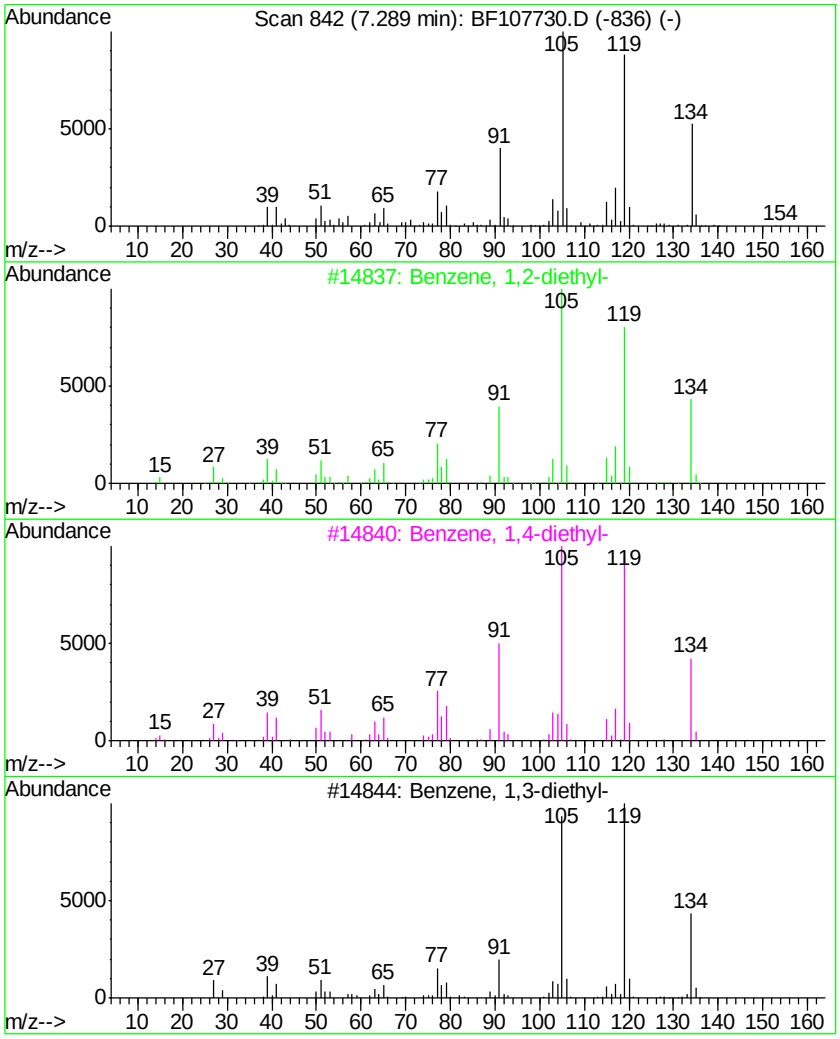
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

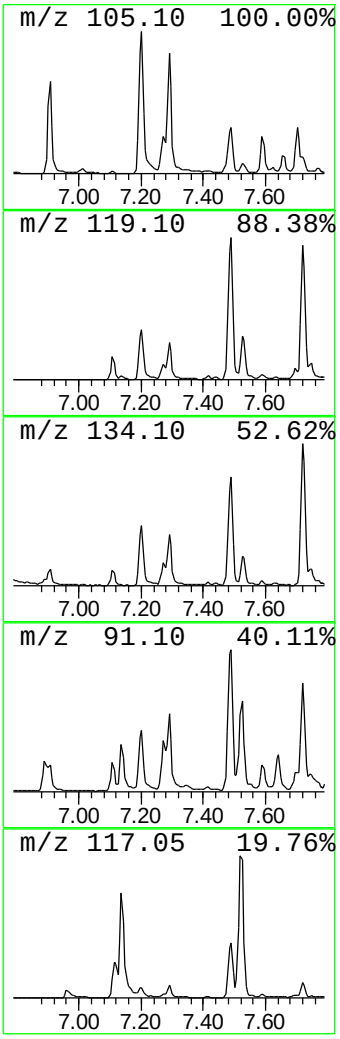
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	15.59 ng	954145	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

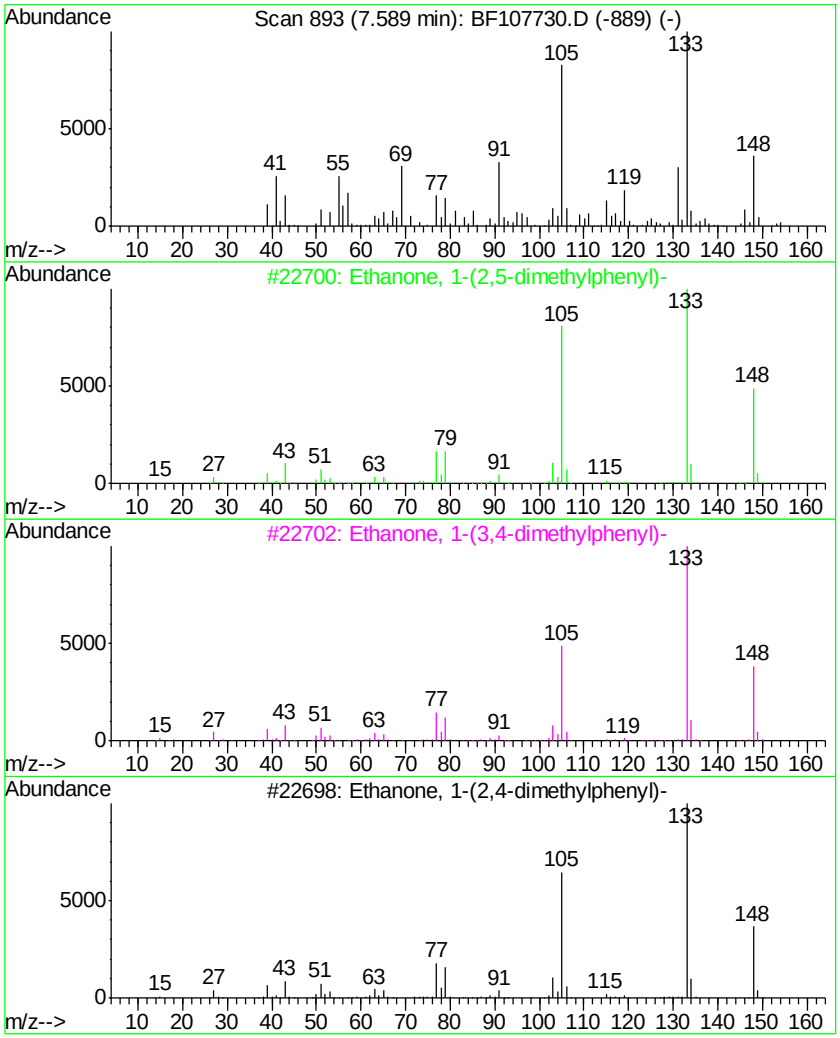
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

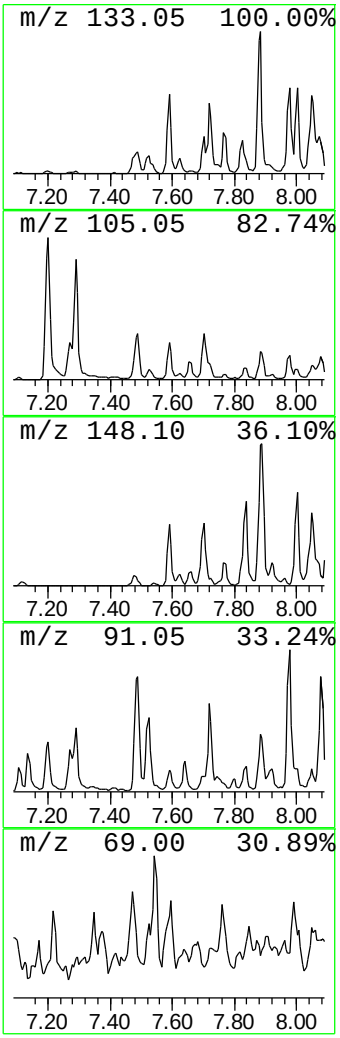
****

Peak Number 5 Ethanone, 1-(2,5-dimethylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	9.48 ng	580041	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	93
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	76
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	70
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	68
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

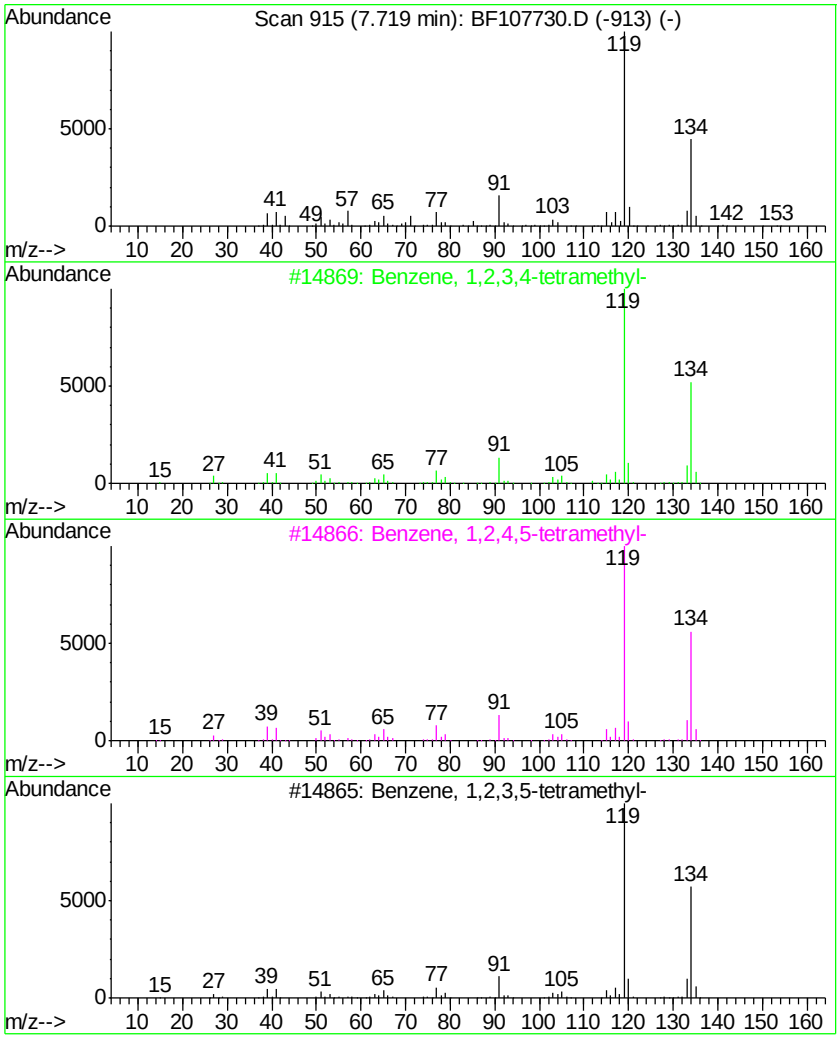
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

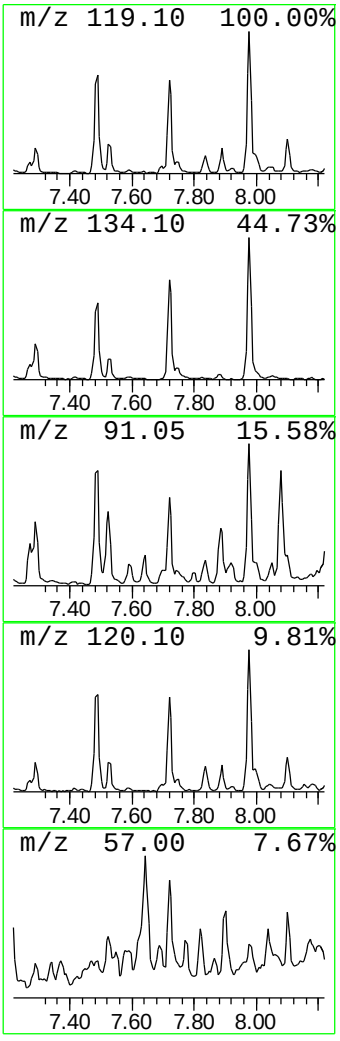
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	10.12 ng	1058030	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

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Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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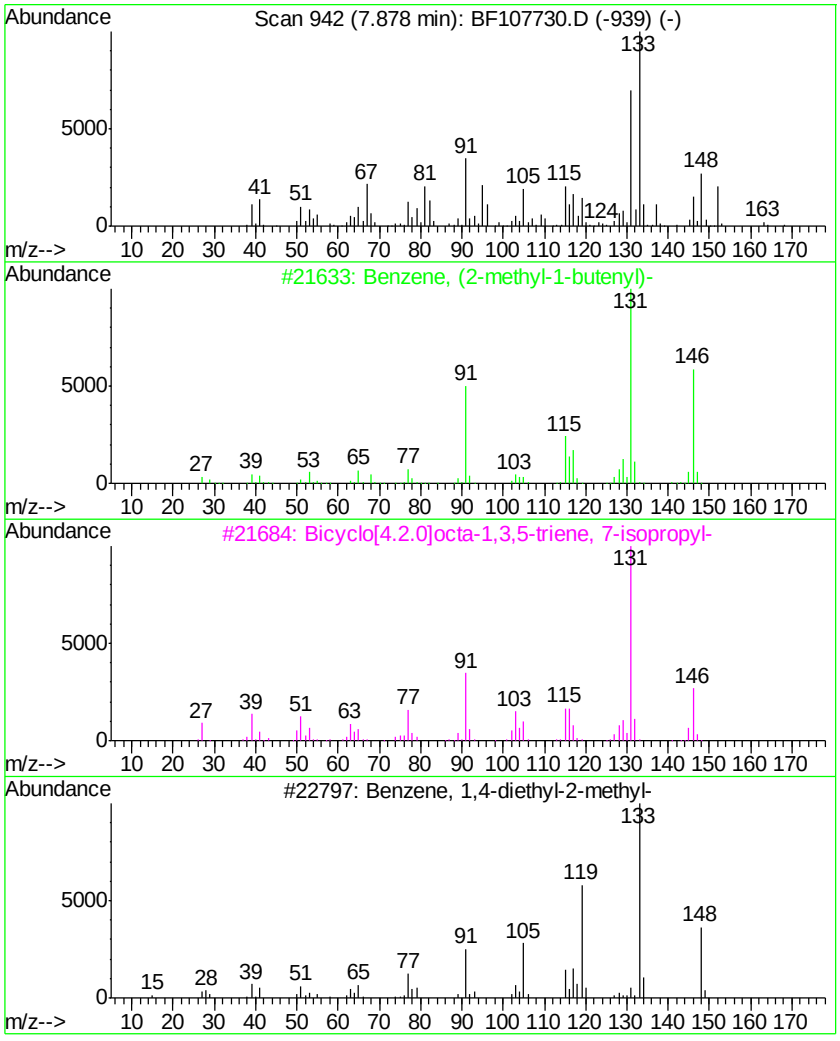
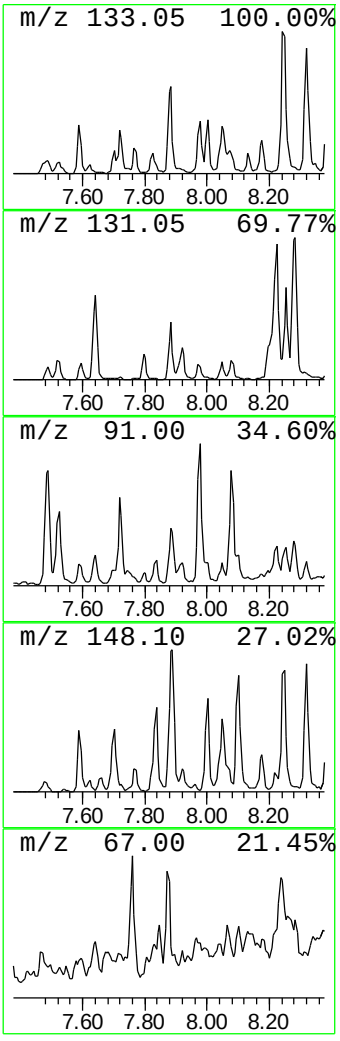
Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	9.52 ng	995281	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	74
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60





Library Search Compound Report

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Sample : J4163-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-14B

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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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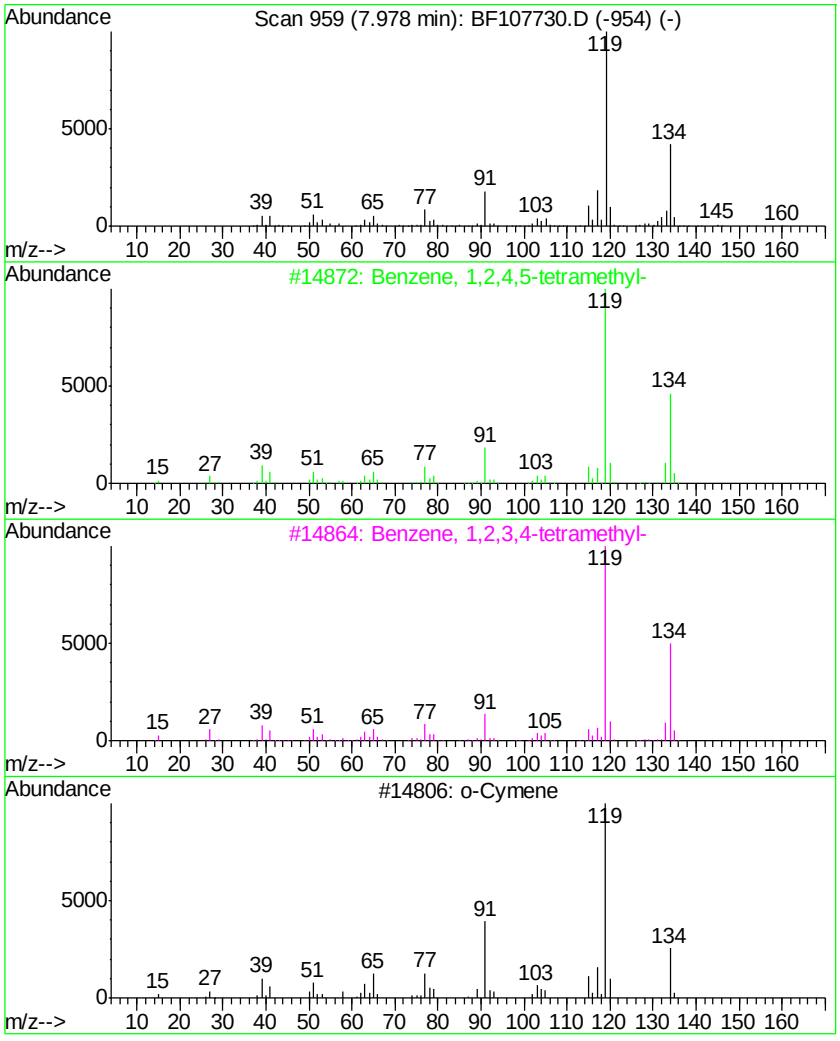
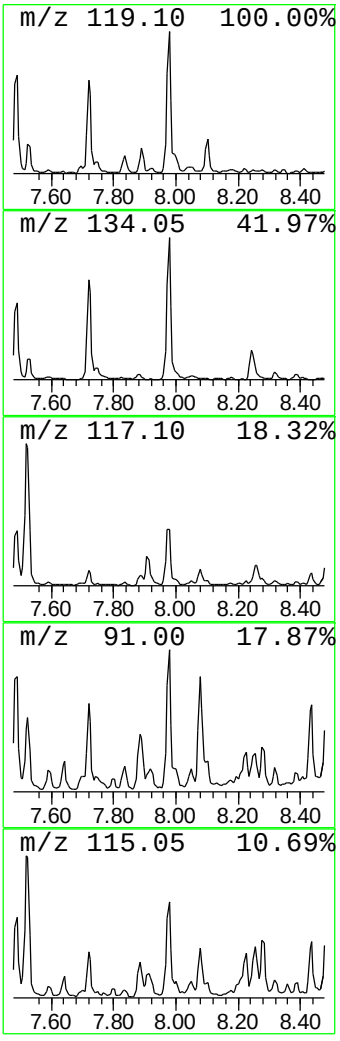
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	22.99 ng	2403150	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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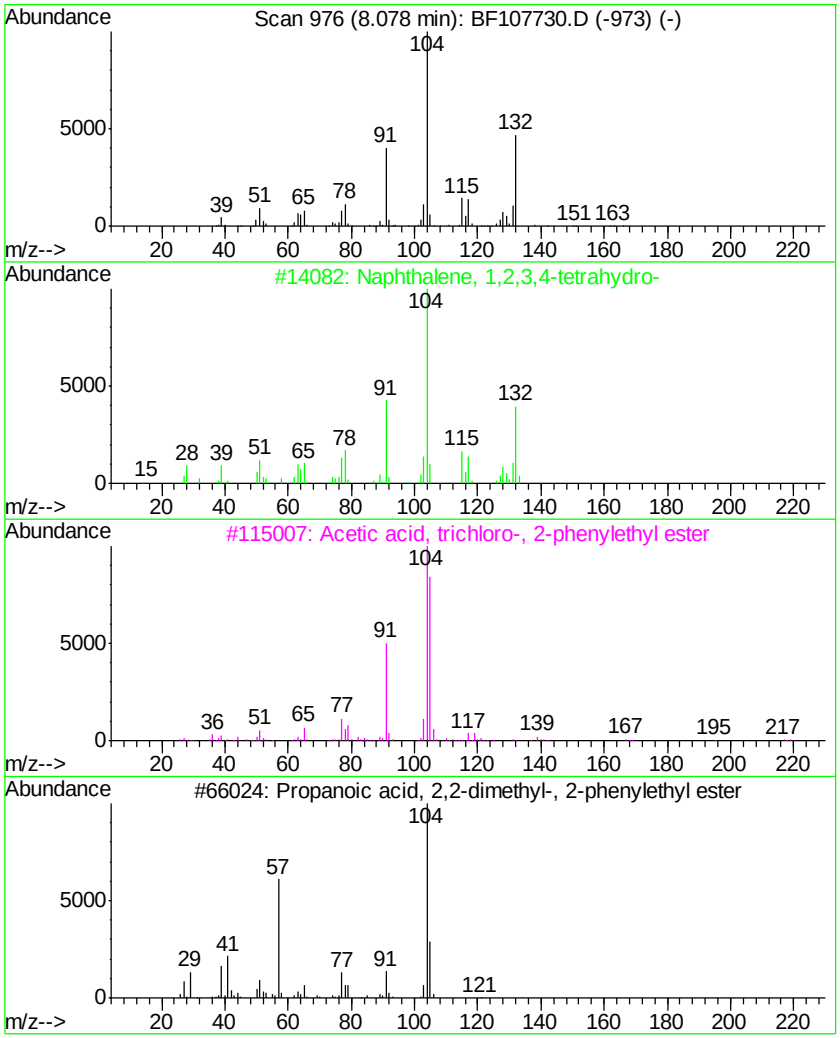
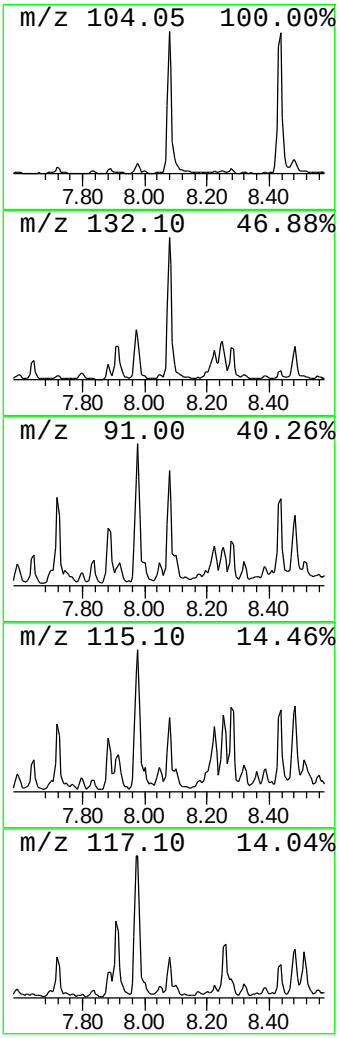
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	9.13 ng	954099	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2	Acetic acid, trichloro-, 2-pheny...	266	C10H9Cl3O2	071965-07-6	37
3	Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	37
4	2-Bromopropionic acid, 2-phenyle...	256	C11H13BrO2	043216-34-8	37
5	2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	37





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Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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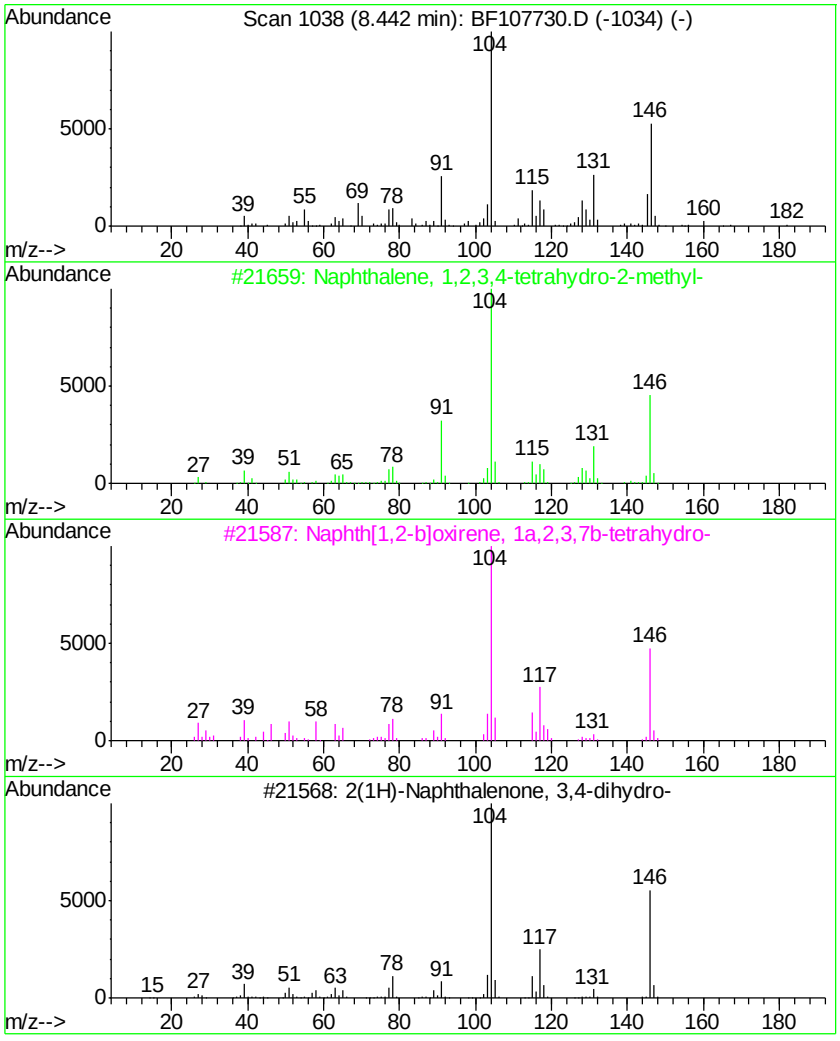
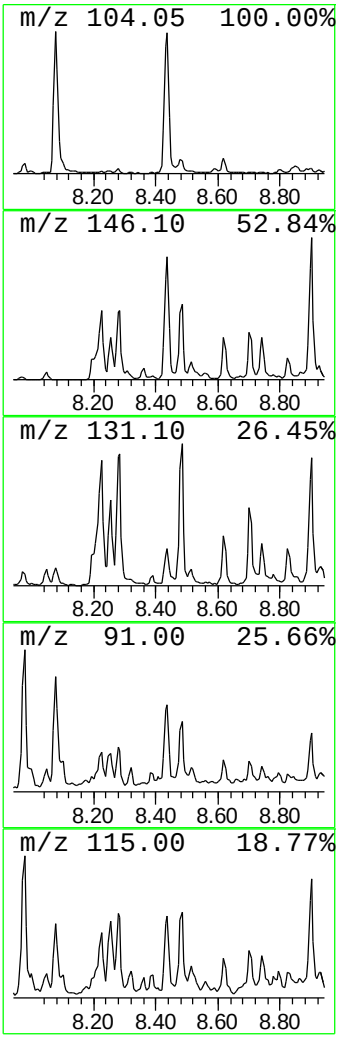
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.31 ng	973276	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35





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Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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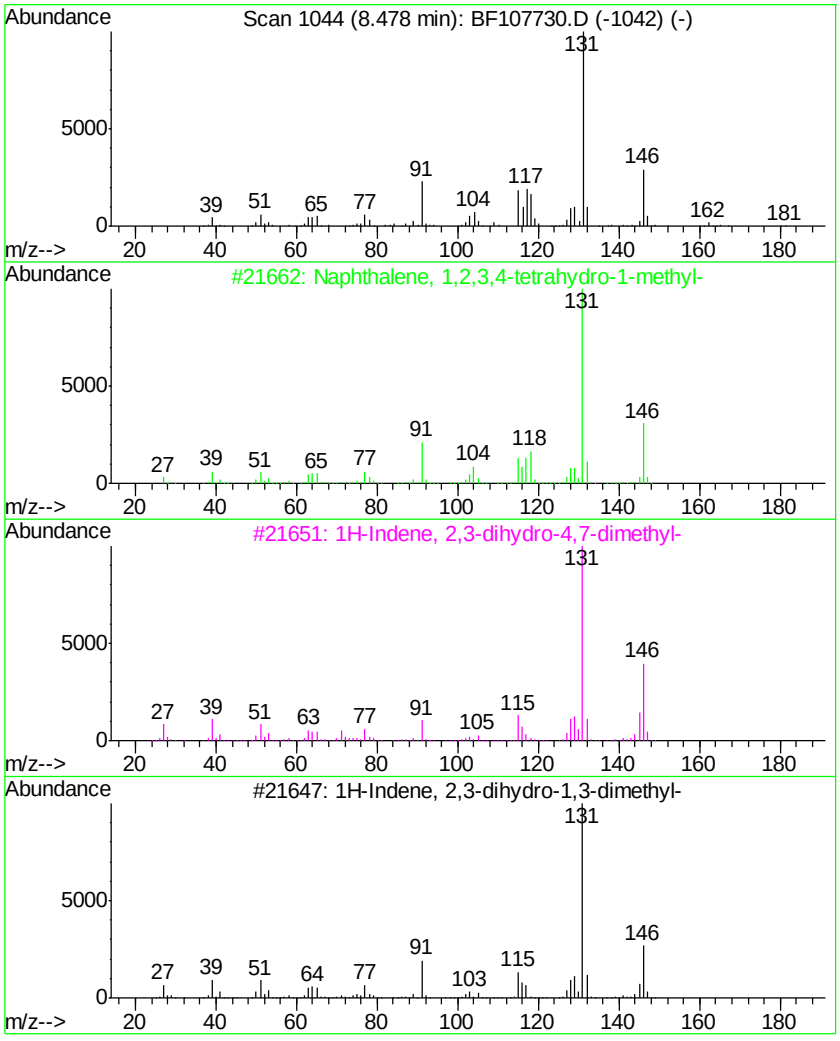
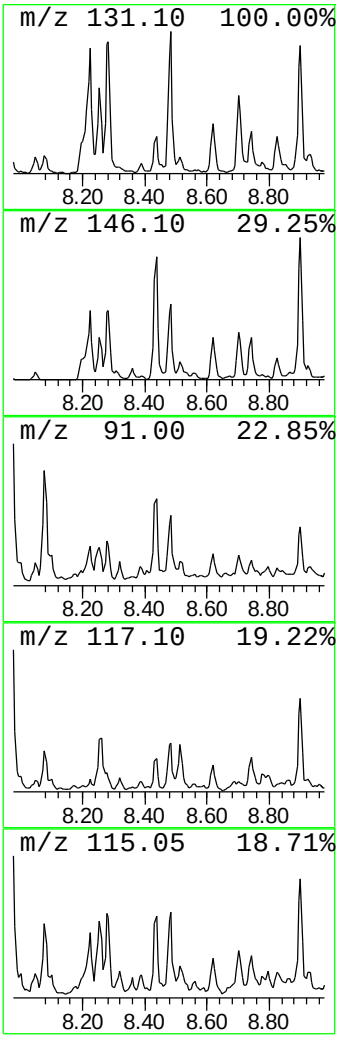
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	7.96 ng	831790	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87





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Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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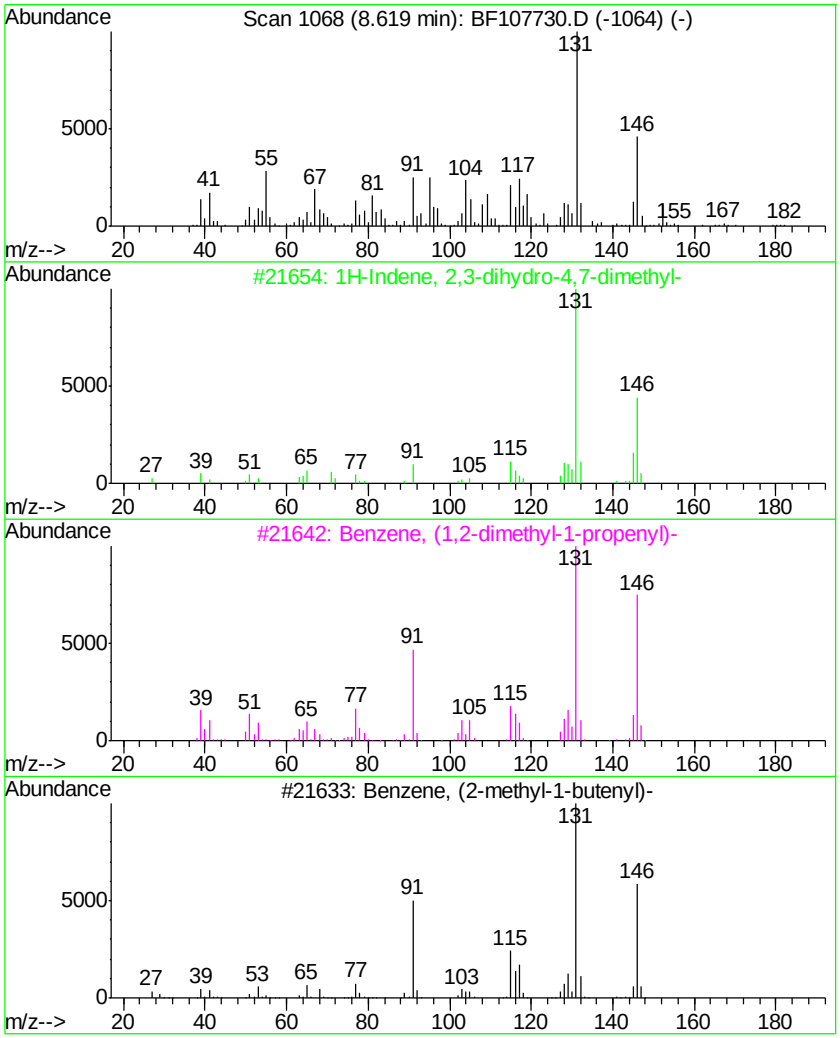
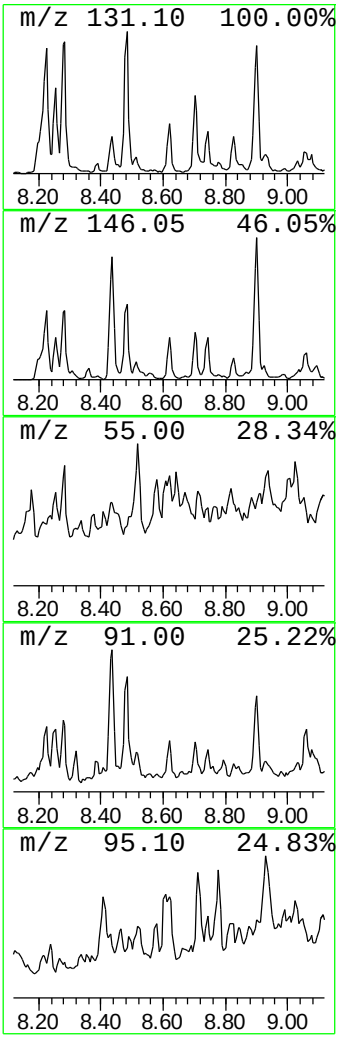
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	7.32 ng	765777	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





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Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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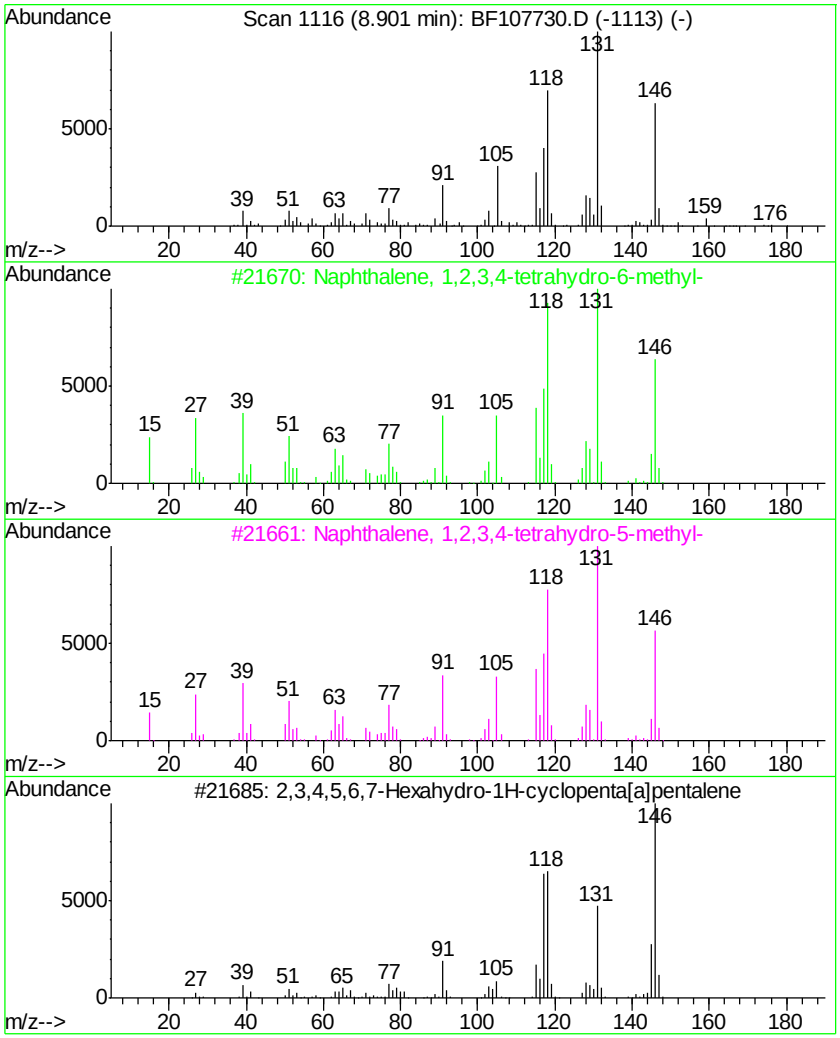
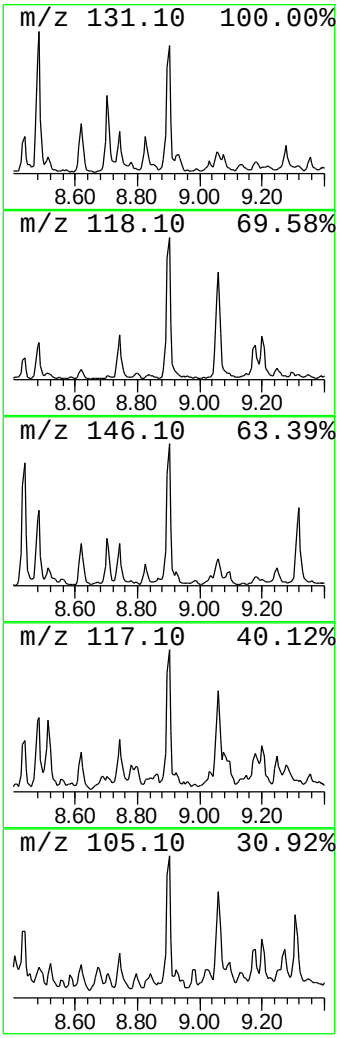
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.55 ng	998303	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64





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Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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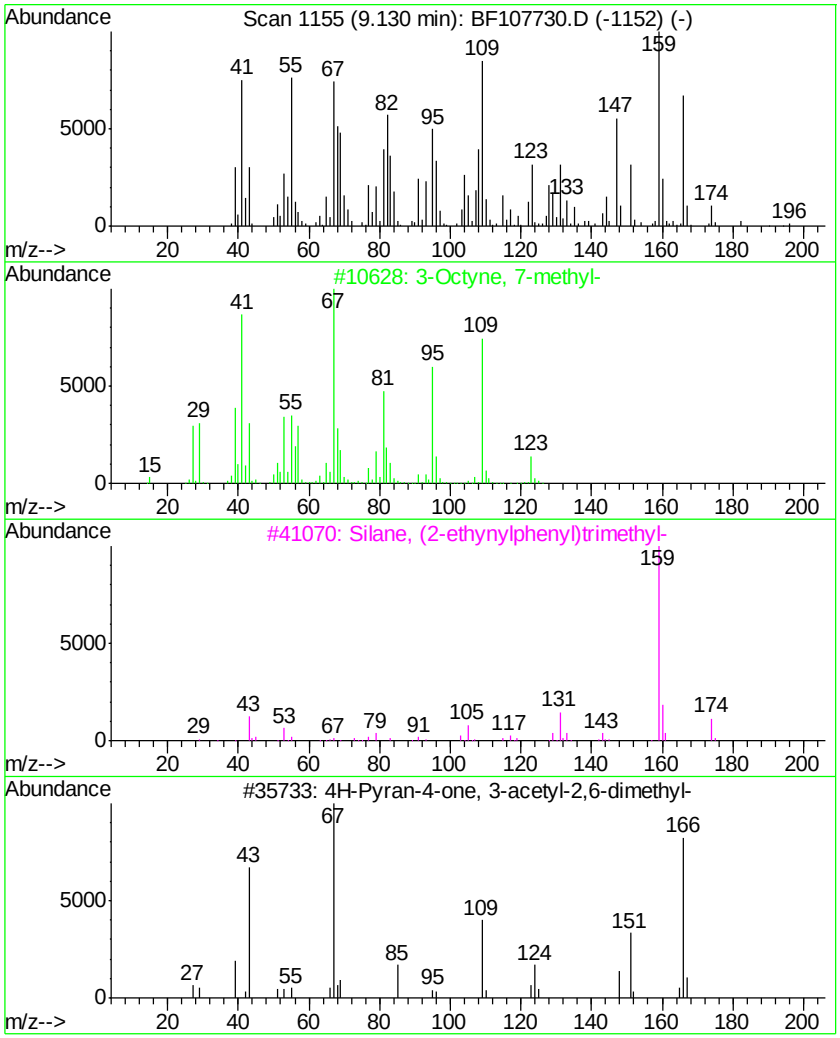
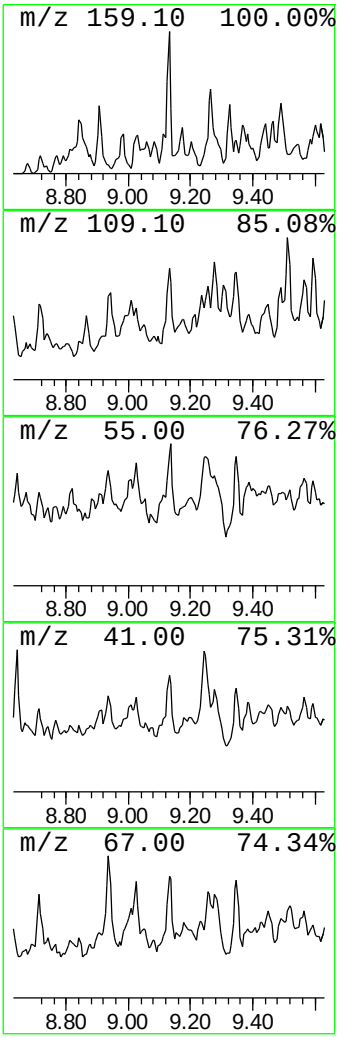
Peak Number 14 3-Octyne, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	7.73 ng	464568	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	25
2	Silane, (2-ethynylphenyl)trimethyl-	174	C11H14Si	078905-09-6	25
3	4H-Pyran-4-one, 3-acetyl-2,6-dim...	166	C9H10O3	007521-38-2	25
4	1,2,3,1',2',3'-Hexamethyl-bicycl...	218	C16H26	051999-35-0	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	25





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Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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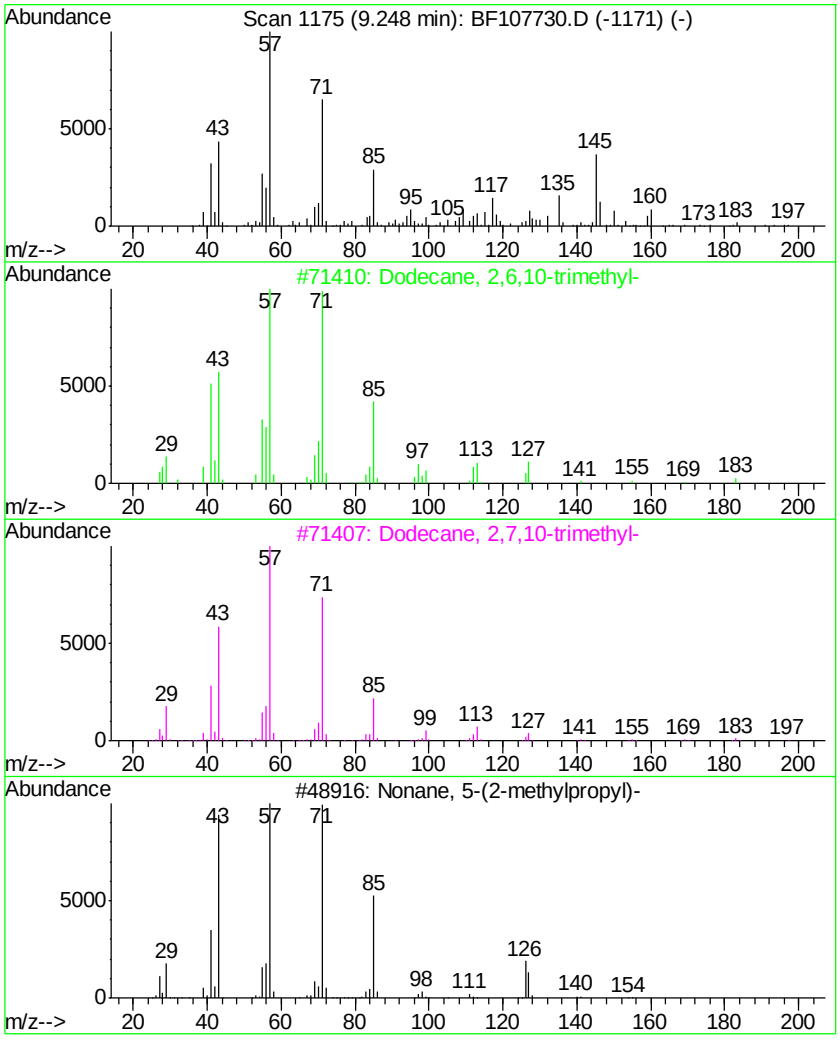
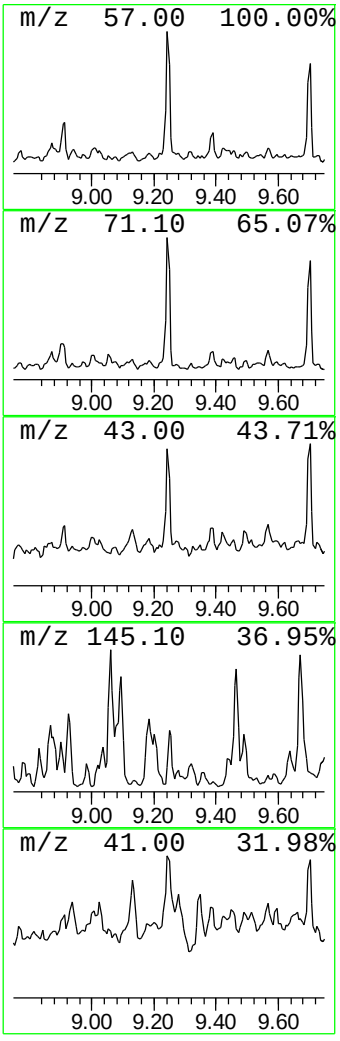
Peak Number 15 unknown9.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	15.49 ng	930383	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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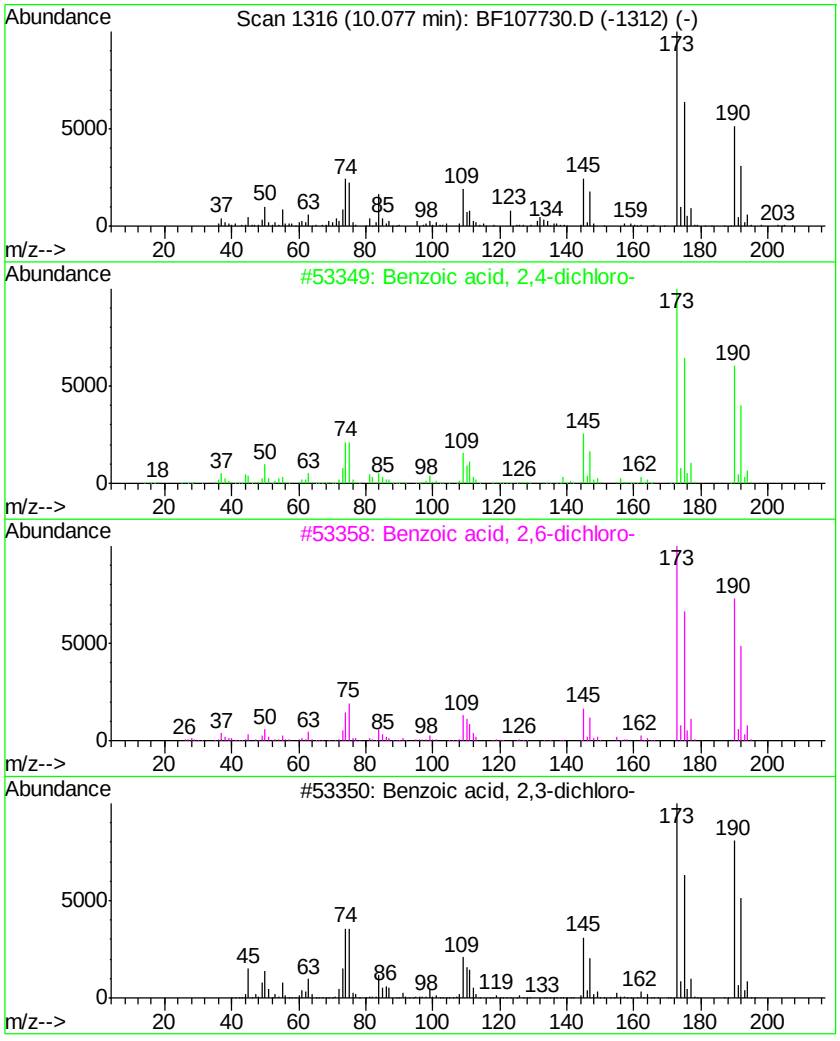
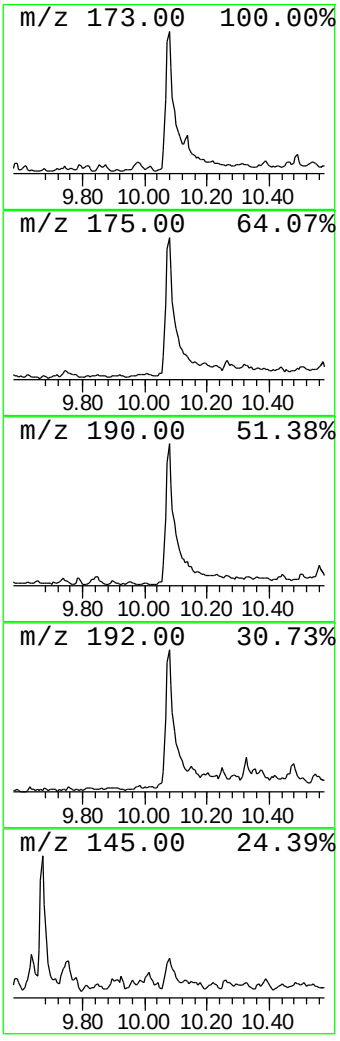
Peak Number 16 Benzoic acid, 2,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	17.14 ng	1029750	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	96
2	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	94
3	Benzoic acid, 2,3-dichloro-	190	C7H4Cl2O2	000050-45-3	91
4	Butyl 2,4-dichlorobenzoate	246	C11H12Cl2O2	1000373-00-8	86
5	Ethanone, 2-chloro-1-(2,4-dichlo...	222	C8H5Cl3O	004252-78-2	68





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Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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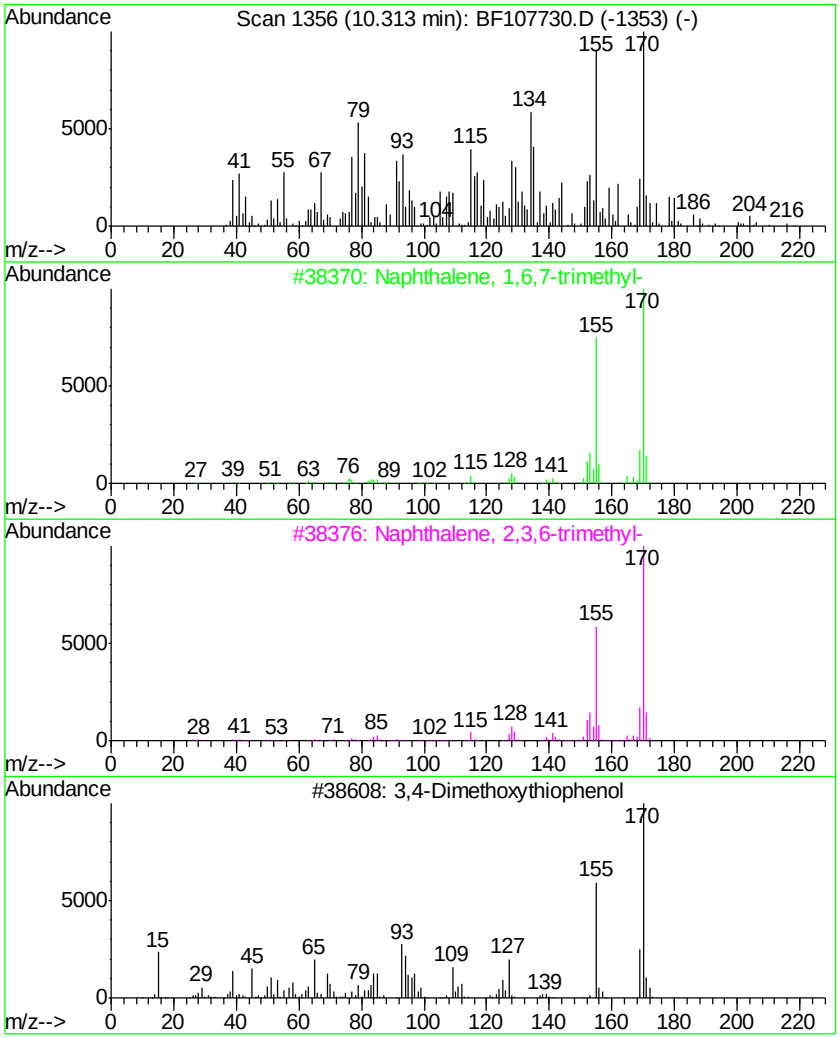
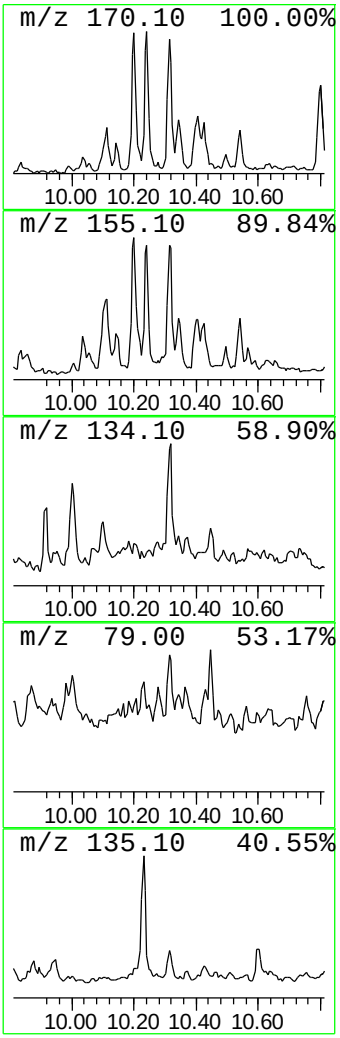
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	8.18 ng	491435	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
3	3,4-Dimethoxythiophenol	170	C8H10O2S	019689-66-8	50
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49





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Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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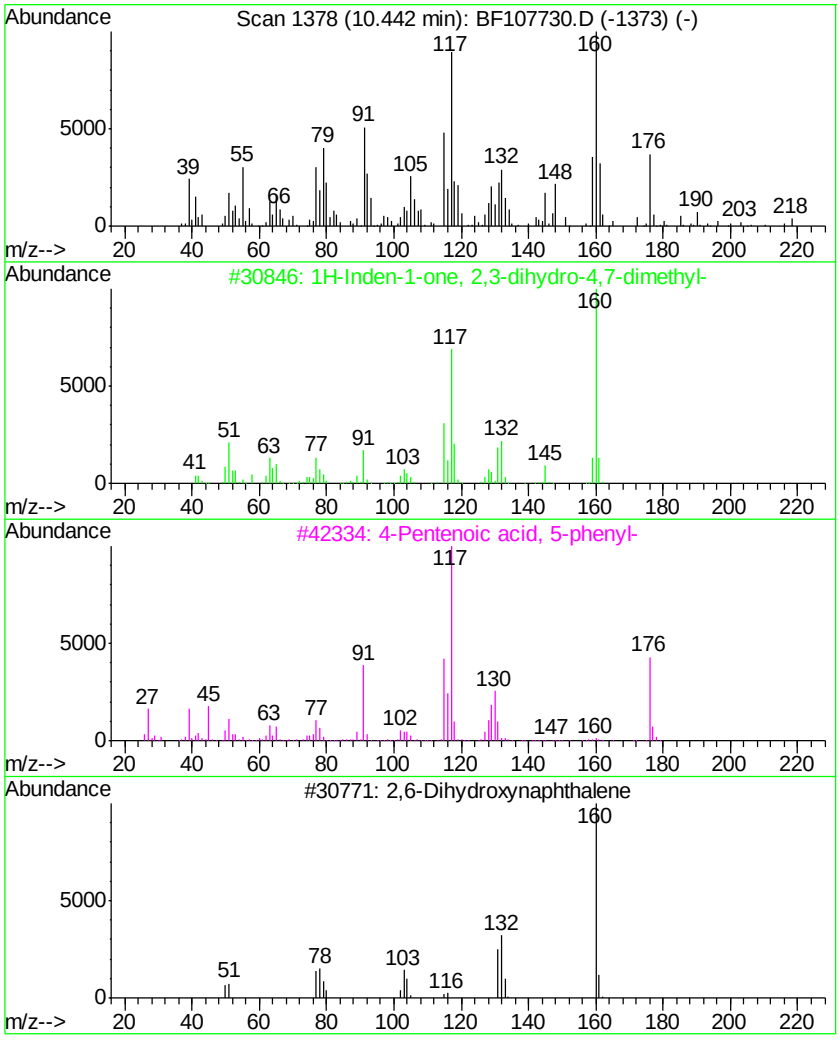
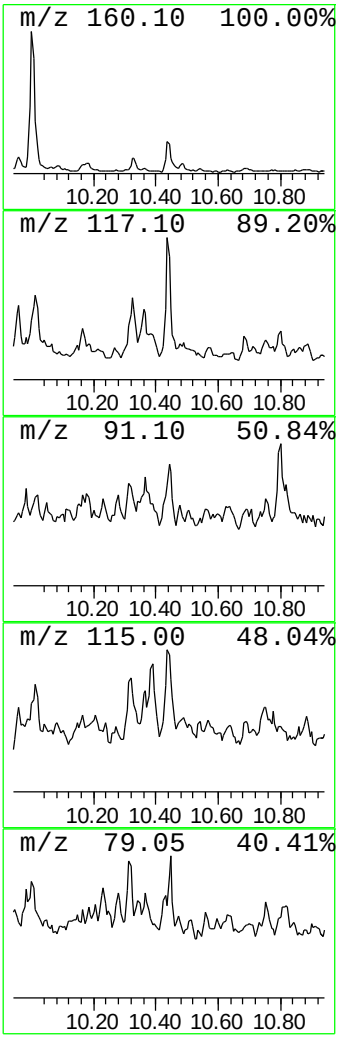
Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	10.16 ng	610447	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	70
2	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	42
3	2,6-Dihydroxynaphthalene	160	C10H8O2	000581-43-1	38
4	Tetracyclo[3.3.1.1(3,7).0(2,9)]d...	159	C11H13N	1000217-13-8	35
5	Chromone, 6-methyl-	160	C10H8O2	038445-23-7	27





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Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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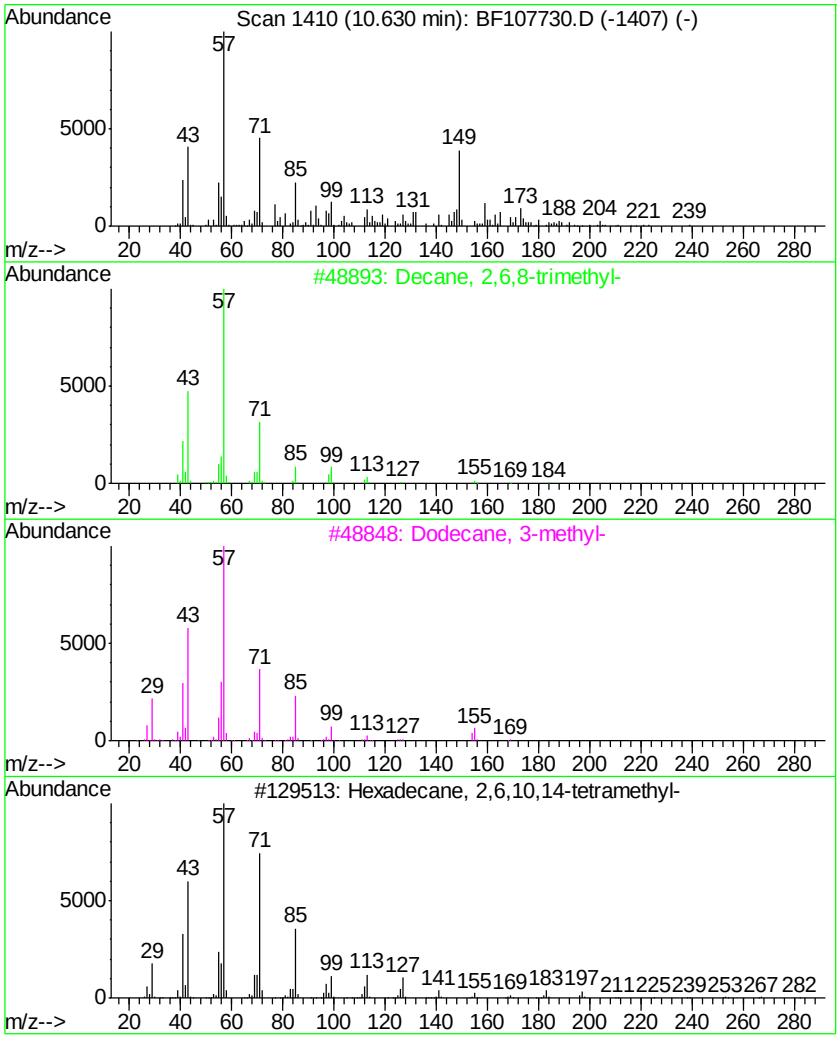
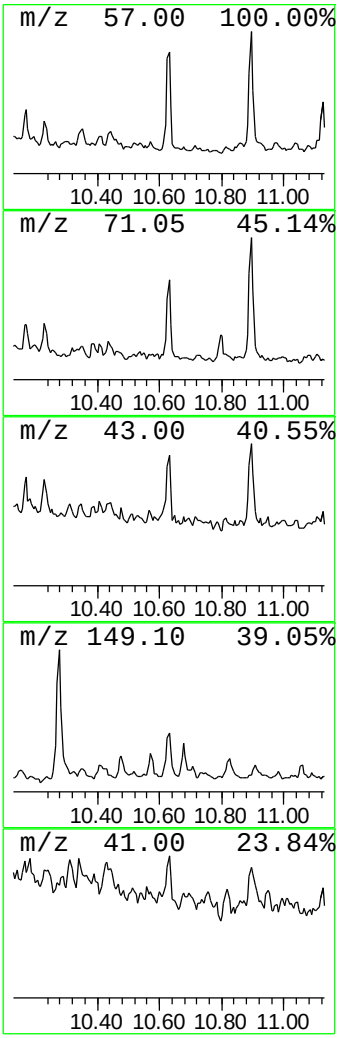
Peak Number 19 Decane, 2,6,8-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	7.90 ng	474593	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
4	Tetracosane	338	C24H50	000646-31-1	43
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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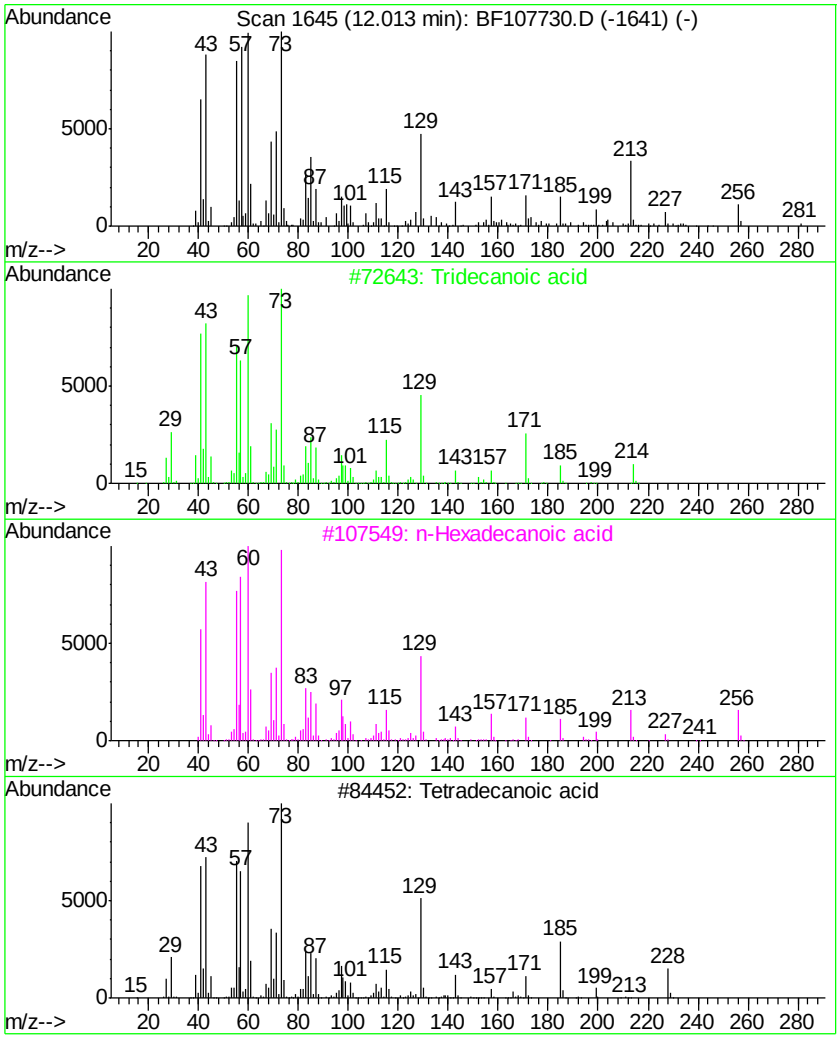
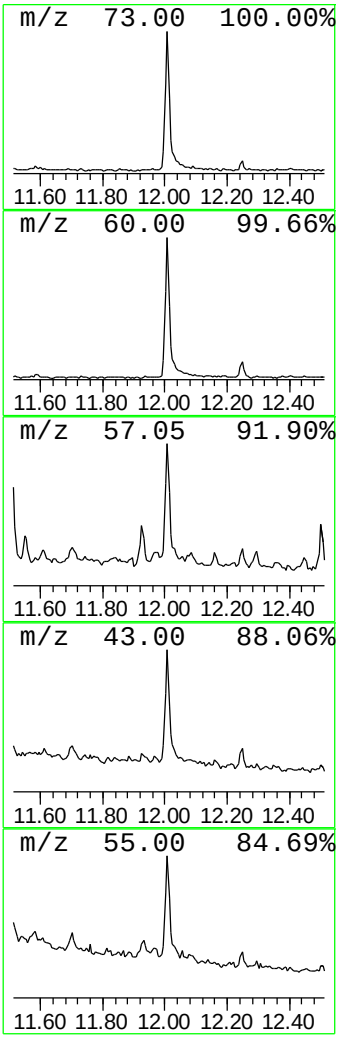
Peak Number 20 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	10.92 ng	618912	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown6.73	6.73	31.6	ng	1934010	1	6.97	1224110	20.0
Benzene, 1,3-diet...	7.20	17.2	ng	1053540	1	6.97	1224110	20.0
Benzene, 1,2-diet...	7.29	15.6	ng	954145	1	6.97	1224110	20.0
Ethanone, 1-(2,5-...	7.59	9.5	ng	580041	1	6.97	1224110	20.0
Benzene, 1,2,3,4-...	7.72	10.1	ng	1058030	2	8.24	2091040	20.0
Benzene, (2-methy...	7.88	9.5	ng	995281	2	8.24	2091040	20.0
Benzene, 1,2,4,5-...	7.98	23.0	ng	2403150	2	8.24	2091040	20.0
Naphthalene, 1,2,...	8.08	9.1	ng	954099	2	8.24	2091040	20.0
Naphthalene, 1,2,...	8.44	9.3	ng	973276	2	8.24	2091040	20.0
Naphthalene, 1,2,...	8.48	8.0	ng	831790	2	8.24	2091040	20.0
1H-Indene, 2,3-di...	8.62	7.3	ng	765777	2	8.24	2091040	20.0
Naphthalene, 1,2,...	8.90	9.6	ng	998303	2	8.24	2091040	20.0
3-Octyne, 7-methyl-	9.13	7.7	ng	464568	3	10.00	1201380	20.0
unknown9.25	9.25	15.5	ng	930383	3	10.00	1201380	20.0
Benzoic acid, 2,4...	10.08	17.1	ng	1029750	3	10.00	1201380	20.0
Naphthalene, 1,6,...	10.31	8.2	ng	491435	3	10.00	1201380	20.0
1H-Inden-1-one, 2...	10.44	10.2	ng	610447	3	10.00	1201380	20.0
Decane, 2,6,8-tri...	10.63	7.9	ng	474593	3	10.00	1201380	20.0
Tridecanoic acid	12.01	10.9	ng	618912	4	11.49	1133200	20.0