LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF073018.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	4.325	331	338	341	rBV2	29762	43768	1.05%	0.079%
2	4.643	388	392	396	rVB	38123	44489	1.06%	0.080%
3	5.131	472	475	478	rBV	82306	76202	1.82%	0.137%
4	5.190	480	485	490	rBV2	277532	346032	8.27%	0.622%
5	5.560	544	548	551	rBV3	81578	107729	2.58%	0.194%
6	5.596	551	554	567	rVV	1109843	1662411	39.74%	2.986%
7	5.772	582	584	587	rVB	54596	45695	1.09%	0.082%
8	5.813	587	591	594	rBV2	86721	87485	2.09%	0.157%
9	5.978	613	619	622	rBV2	84634	101789	2.43%	0.183%
10	6.113	634	642	649	rVB4	126667	164160	3.92%	0.295%
11	6.207	655	658	663	rVB	80163	87650	2.10%	0.157%
12	6.390	683	689	692	rBV3	46471	56343	1.35%	0.101%
13	6.484	702	705	708	rBV2	170381	188872	4.51%	0.339%
14	6.554	714	717	720	rBV	190584	175983	4.21%	0.316%
15	6.601	720	725	730	rBV	627025	1019269	24.37%	1.831%
16	6.737	744	748	753	rBV	2945926	3230065	77.21%	5.802%
17	6.778	753	755	762	rVB	464534	573016	13.70%	1.029%
18	6.907	774	777	781	rVB3	70921	74821	1.79%	0.134%
19	6.960	783	786	792	rBV2	456842	703028	16.81%	1.263%
20	7.013	792	795	805	rVB	310200	441531	10.55%	0.793%
21	7.119	808	813	824	rBV	2787095	3463040	82.78%	6.220%
22	7.195	824	826	829	rVV	321985	278523	6.66%	0.500%
23	7.225	829	831	835	rVB	91771	84397	2.02%	0.152%
24	7.266	835	838	840	rBV	267572	248644	5.94%	0.447%
25	7.290	840	842	848	rVB	406358	351254	8.40%	0.631%
26	7.348	848	852	855	rBV2	177328	227898	5.45%	0.409%
27	7.413	860	863	865	rBV	203229	163558	3.91%	0.294%
28	7.437	865	867	869	rBV	116802	85963	2.05%	0.154%
29	7.484	869	875	878	rBV	876255	927333	22.17%	1.666%
30	7.531	878	883	891	rBV2	1937593	2533771	60.57%	4.551%
31	7.590	891	893	897	rVB2	217687	246574	5.89%	0.443%
32	7.637	898	901	903	rBV	177695	136766	3.27%	0.246%
33	7.695	908	911	913	rBV2	98522	95302	2.28%	0.171%
34	7.719	913	915	917	rVV	420615	294760	7.05%	0.529%

LSC Area Percent Report

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Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.748	917	920	922	rVV	232730	232233	5.55%	0.417%
36	7.795	926	928	930	rBV	55087	50387	1.20%	0.091%
37	7.831	930	934	936	rBV3	122166	132896	3.18%	0.239%
38	7.884	939	943	946	rBV2	391249	391509	9.36%	0.703%
39	7.913	946	948	952	rVB2	170300	210306	5.03%	0.378%
40	7.972	953	958	961	rBV	1374435	1523513	36.42%	2.737%
41	7.995	961	962	966	rVB2	351792	245936	5.88%	0.442%
42	8.048	966	971	973	rBV2	232384	291502	6.97%	0.524%
43	8.078	973	976	978	rBV	187214	161027	3.85%	0.289%
44	8.095	978	979	983	rVB	194173	160456	3.84%	0.288%
45	8.178	986	993	995	rBV3	165204	302804	7.24%	0.544%
46	8.219	995	1000	1002	rBV	326801	424145	10.14%	0.762%
47	8.242	1002	1004	1008	rVV	1050262	1270011	30.36%	2.281%
48	8.278	1008	1010	1013	rVB2	500424	433349	10.36%	0.778%
49	8.319	1013	1017	1019	rBV2	189342	196260	4.69%	0.353%
50	8.384	1025	1028	1031	rBV	249384	214384	5.12%	0.385%
51	8.431	1034	1036	1039	rBV	384706	361255	8.64%	0.649%
52	8.478	1039	1044	1048	rVV3	340852	559141	13.37%	1.004%
53	8.513	1048	1050	1055	rVB3	237063	304567	7.28%	0.547%
54	8.554	1055	1057	1059	rBV2	59013	64797	1.55%	0.116%
55	8.578	1059	1061	1064	rVB4	85710	93233	2.23%	0.167%
56	8.619	1064	1068	1073	rBV3	221227	327510	7.83%	0.588%
57	8.666	1073	1076	1078	rBV3	73467	78154	1.87%	0.140%
58	8.701	1079	1082	1086	rBV2	186601	139191	3.33%	0.250%
59	8.742	1086	1089	1093	rBV2	556572	531432	12.70%	0.955%
60	8.795	1096	1098	1101	rVB	99477	76153	1.82%	0.137%
61	8.825	1101	1103	1108	rBV4	110472	133175	3.18%	0.239%
62	8.895	1110	1115	1118	rBV2	577759	621434	14.86%	1.116%
63	8.925	1118	1120	1123	rVB2	134264	111699	2.67%	0.201%
64	8.960	1123	1126	1130	rBV	176893	278944	6.67%	0.501%
65	9.007	1130	1134	1136	rBV3	148437	189532	4.53%	0.340%
66	9.054	1140	1142	1145	rBV	483633	399686	9.55%	0.718%
67	9.160	1158	1160	1165	rVB4	304981	394052	9.42%	0.708%
68	9.201	1165	1167	1172	rVB3	204270	243490	5.82%	0.437%
69	9.248	1172	1175	1176	rBV2	119004	116908	2.79%	0.210%
70	9.319	1182	1187	1194	rBV	3875726	4183270	100.00%	7.514%
71	9.460	1209	1211	1215	rVB2	217832	225813	5.40%	0.406%

LSC Area Percent Report

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Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.578	1226	1231	1238	rBV6	223283	588836	14.08%	1.058%
73	9.654	1238	1244	1245	rBV4	309449	518952	12.41%	0.932%
74	9.707	1250	1253	1260	rVB	1005983	1172806	28.04%	2.107%
75	9.883	1276	1283	1287	rBV	1142304	1937484	46.32%	3.480%
76	9.931	1288	1291	1297	rVV2	538865	715979	17.12%	1.286%
77	10.001	1300	1303	1306	rVV	1280936	1208400	28.89%	2.171%
78	10.036	1306	1309	1316	rVB	463502	512208	12.24%	0.920%
79	10.154	1323	1329	1333	rBV2	576230	869646	20.79%	1.562%
80	10.325	1353	1358	1363	rBV	705417	1075532	25.71%	1.932%
81	10.372	1363	1366	1371	rVV3	305178	368372	8.81%	0.662%
82	10.525	1384	1392	1395	rBV2	798921	2038707	48.73%	3.662%
83	10.695	1419	1421	1423	rBV2	92288	105779	2.53%	0.190%
84	10.760	1427	1432	1435	rBV3	307011	452433	10.82%	0.813%
85	10.801	1435	1439	1444	rBV	2216122	2577625	61.62%	4.630%
86	11.501	1554	1558	1573	rBV	796166	1057777	25.29%	1.900%
87	12.013	1641	1645	1653	rBV2	653154	706075	16.88%	1.268%
88	12.795	1775	1778	1788	rBV3	186850	243547	5.82%	0.437%
89	13.083	1823	1827	1843	rBV	3154326	3474521	83.06%	6.241%
90	13.960	1973	1976	1981	rBV	240939	241563	5.77%	0.434%
91	14.154	2005	2009	2018	rBV	647781	861340	20.59%	1.547%
92	15.689	2265	2270	2283	rVB	548054	901907	21.56%	1.620%

Sum of corrected areas: 55671764

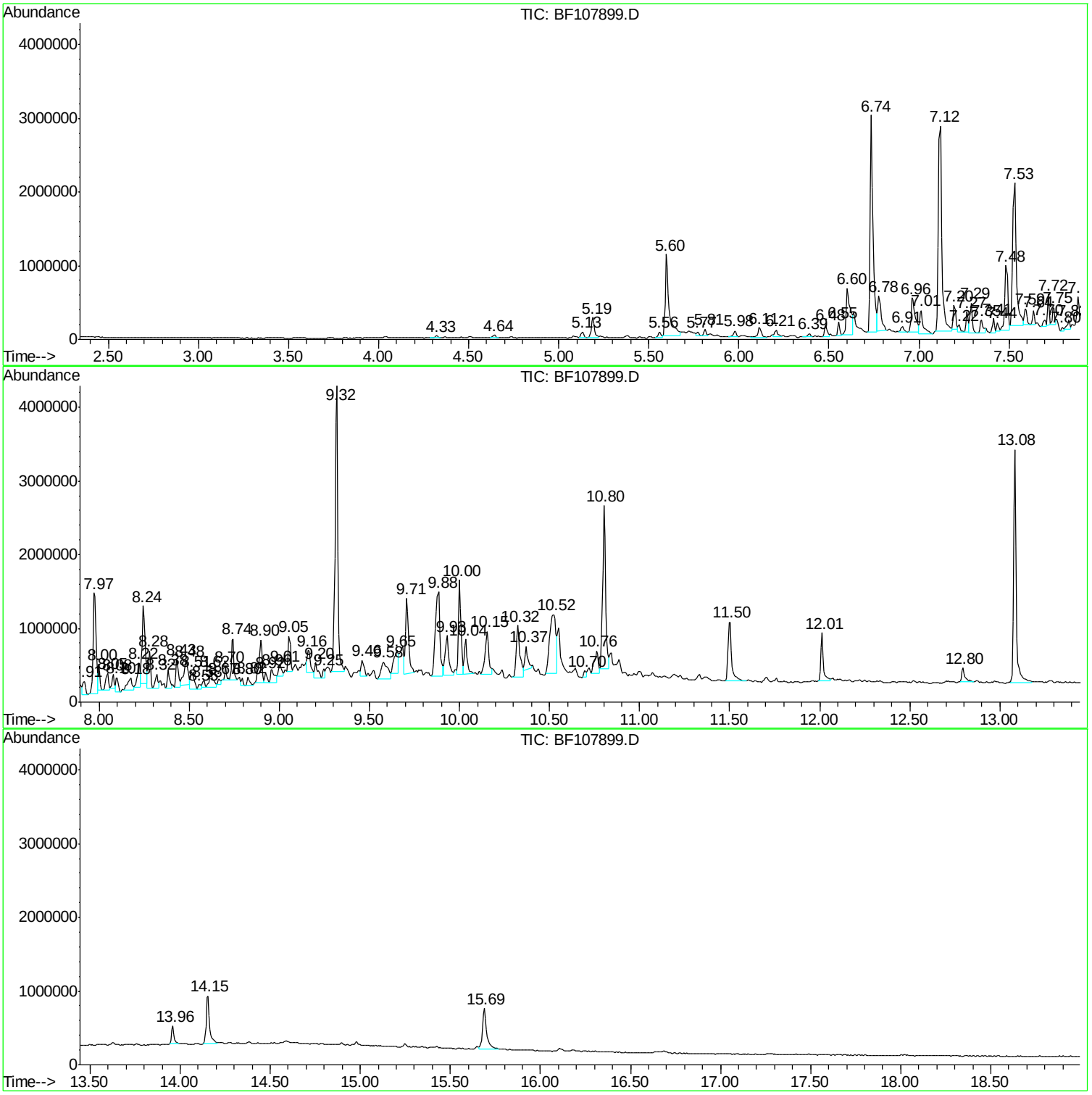
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

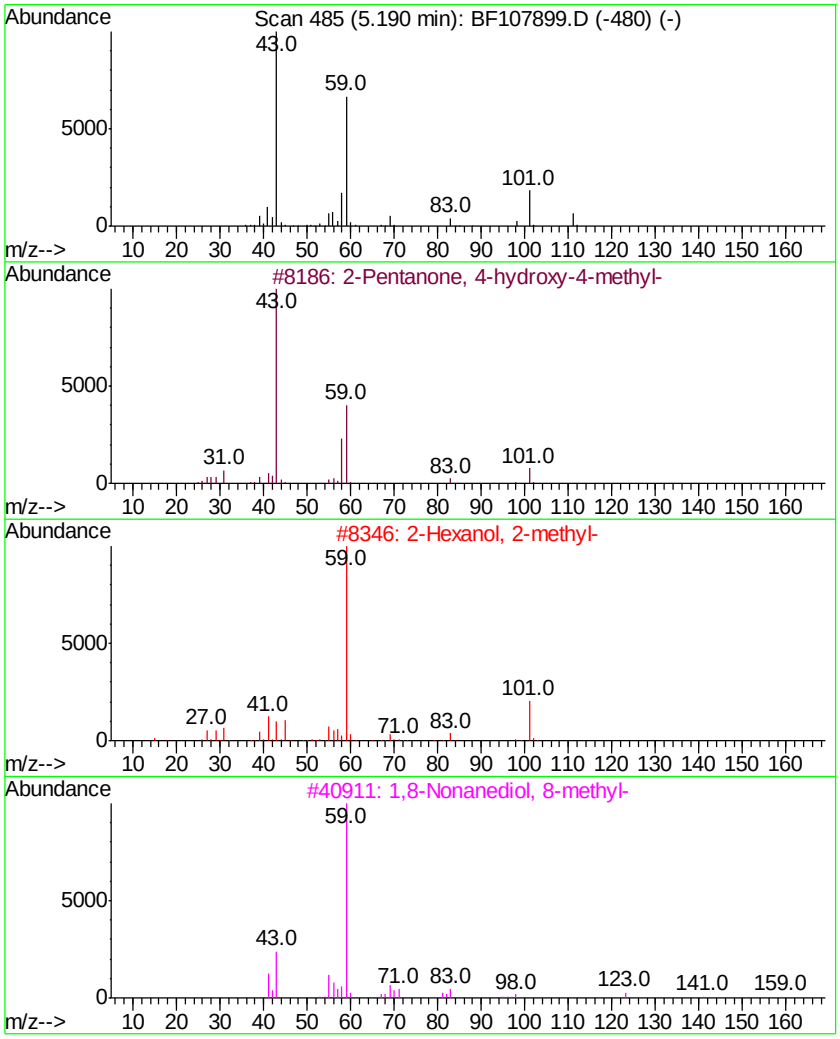
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

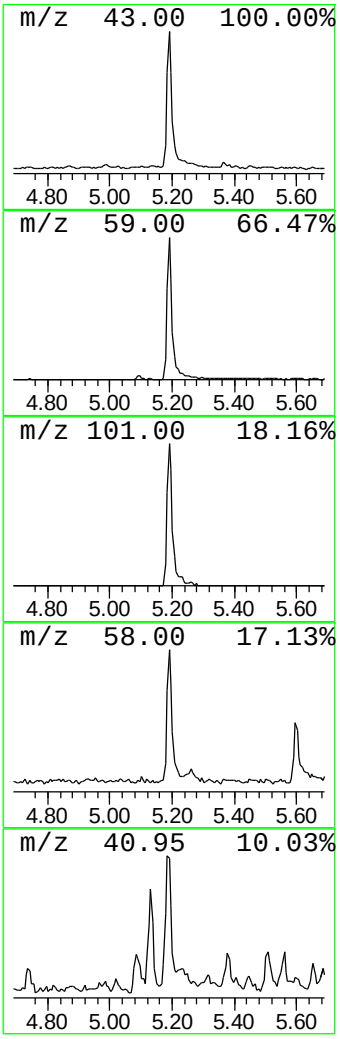
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	9.84 ng	346032	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

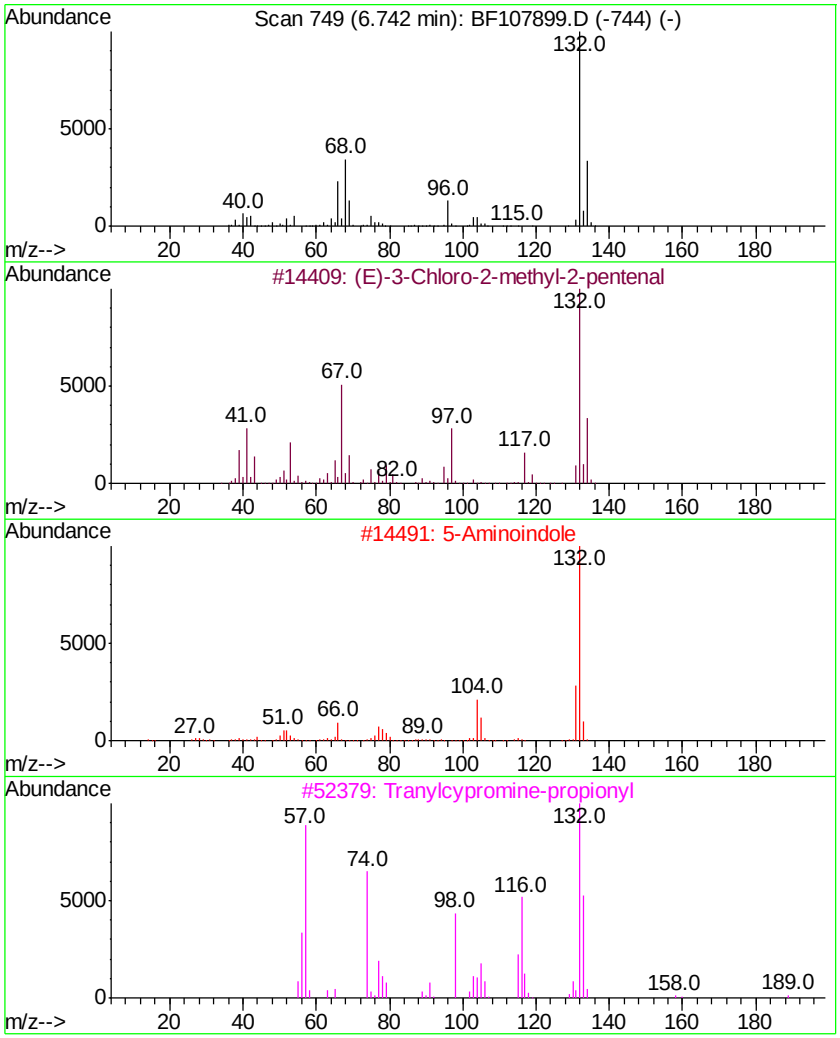
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

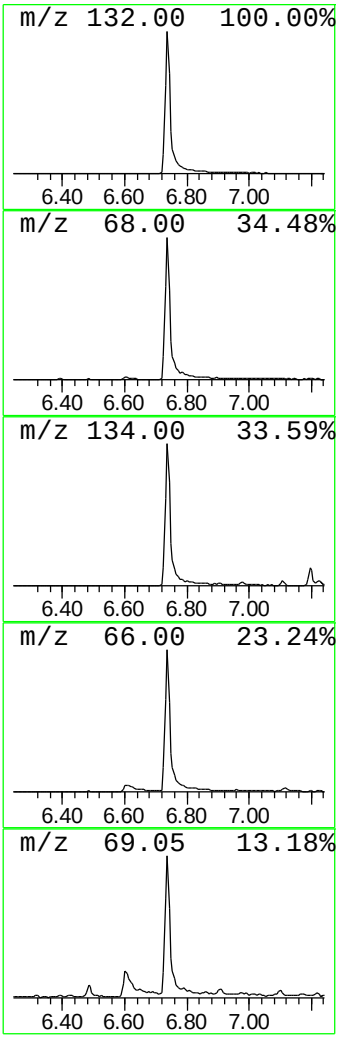
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	91.89 ng	3230070	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

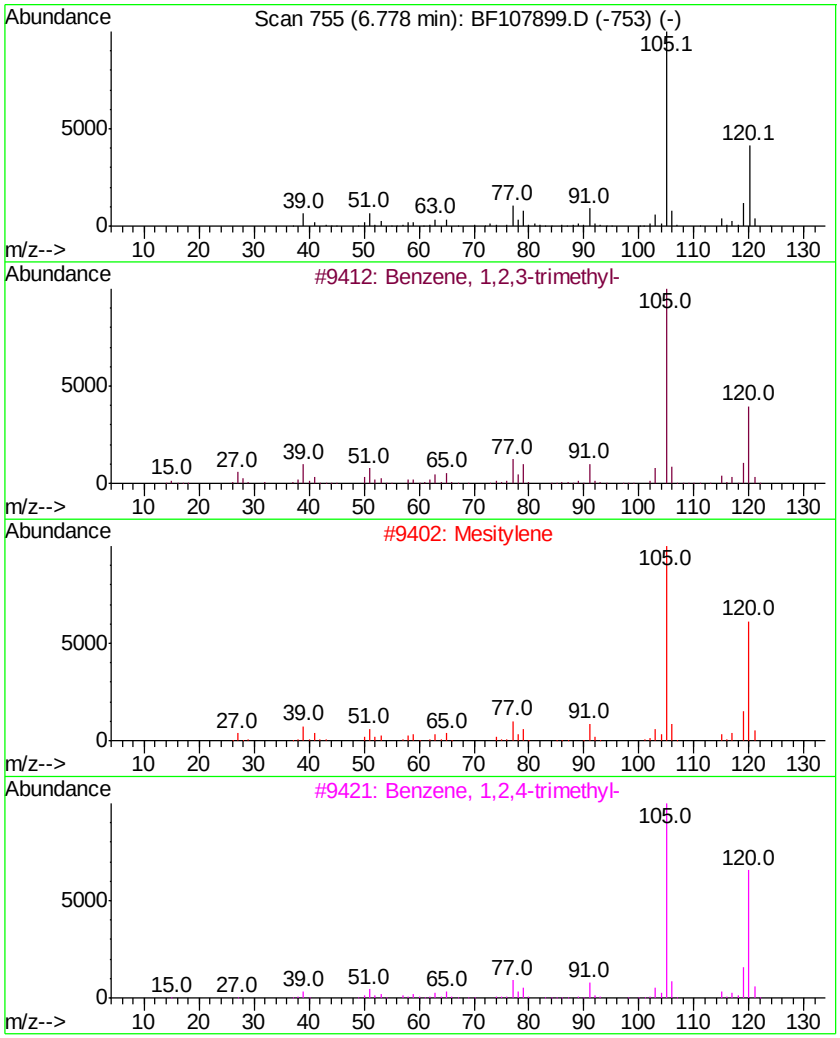
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

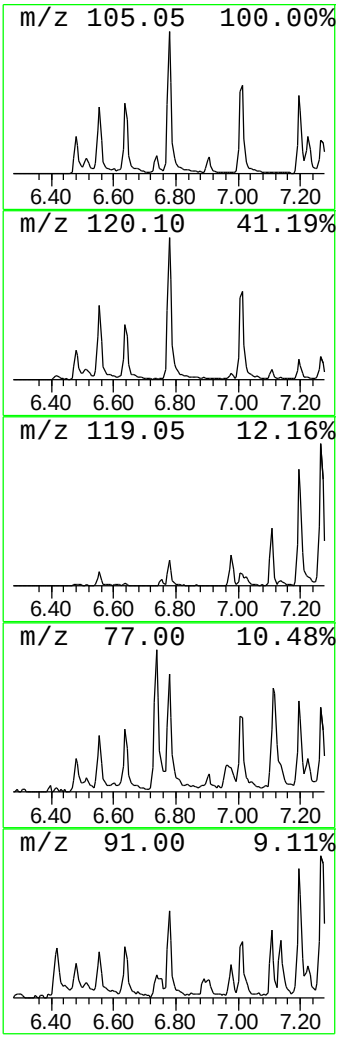
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	16.30 ng	573016	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

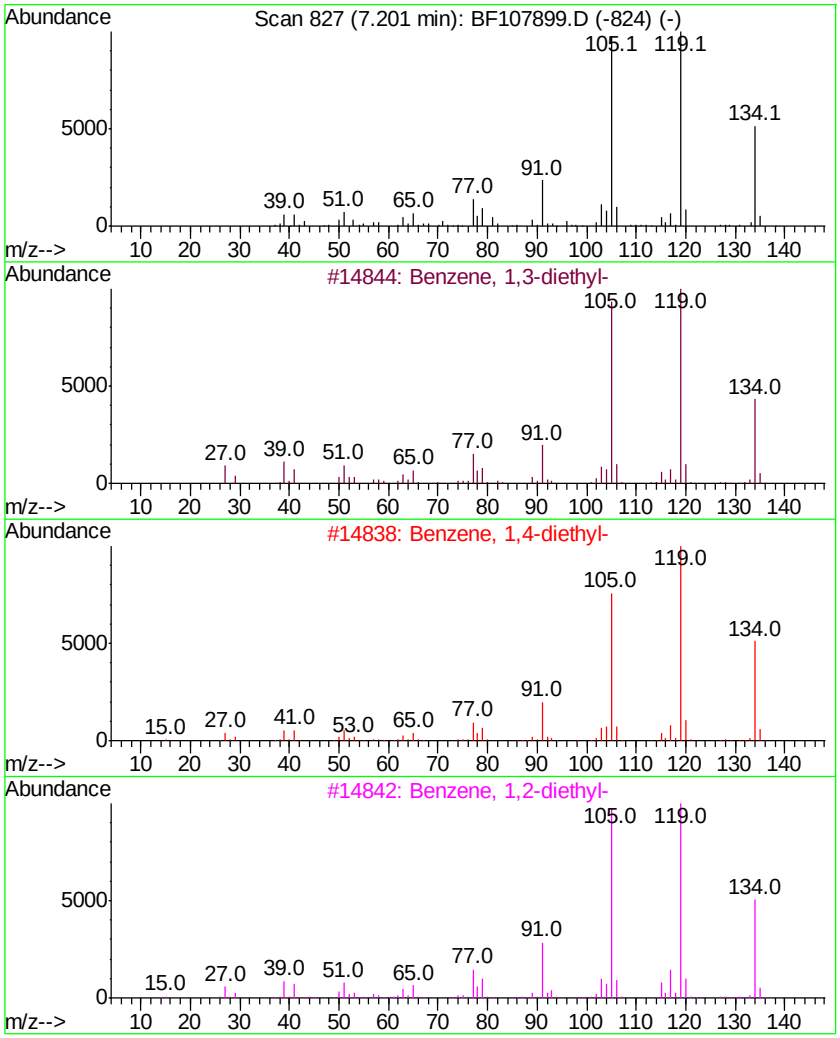
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

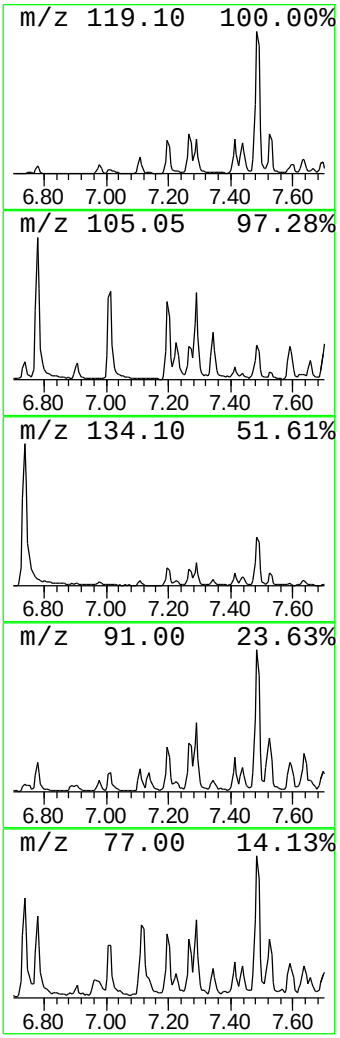
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.92 ng	278523	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	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

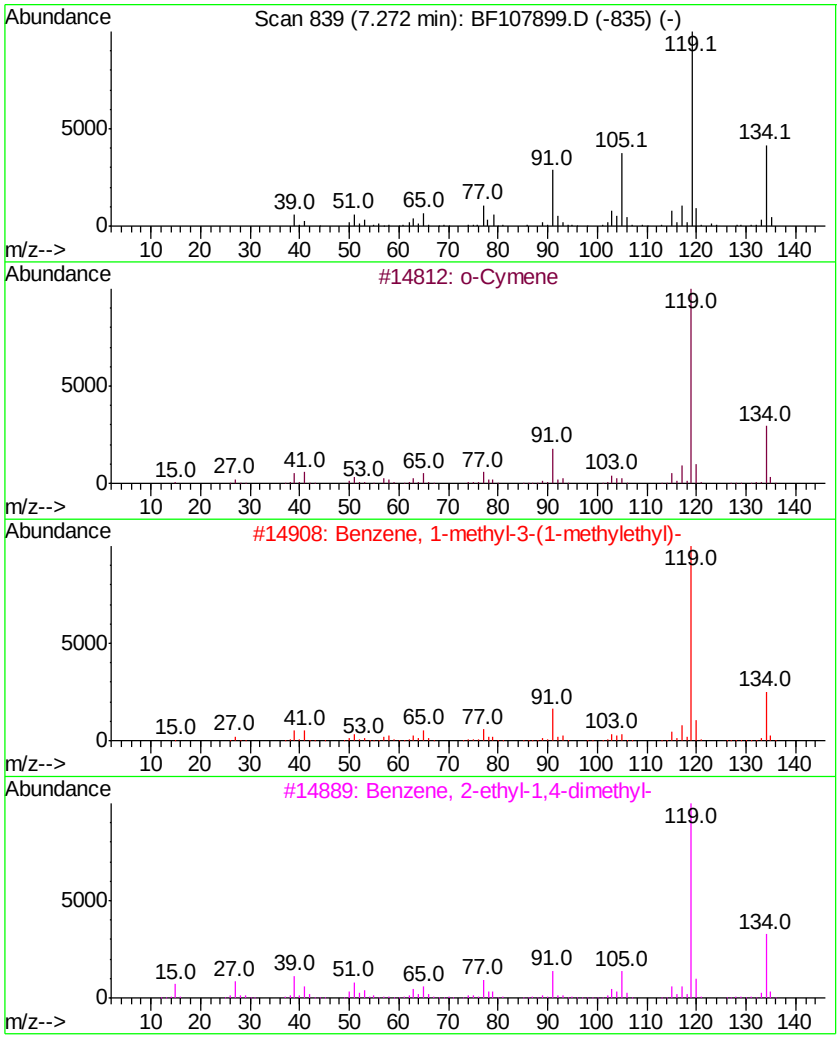
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

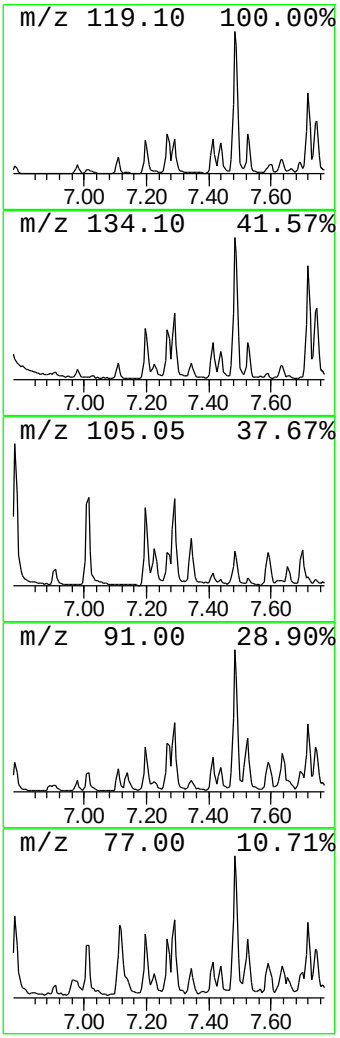
****

Peak Number 5 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	7.07 ng	248644	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

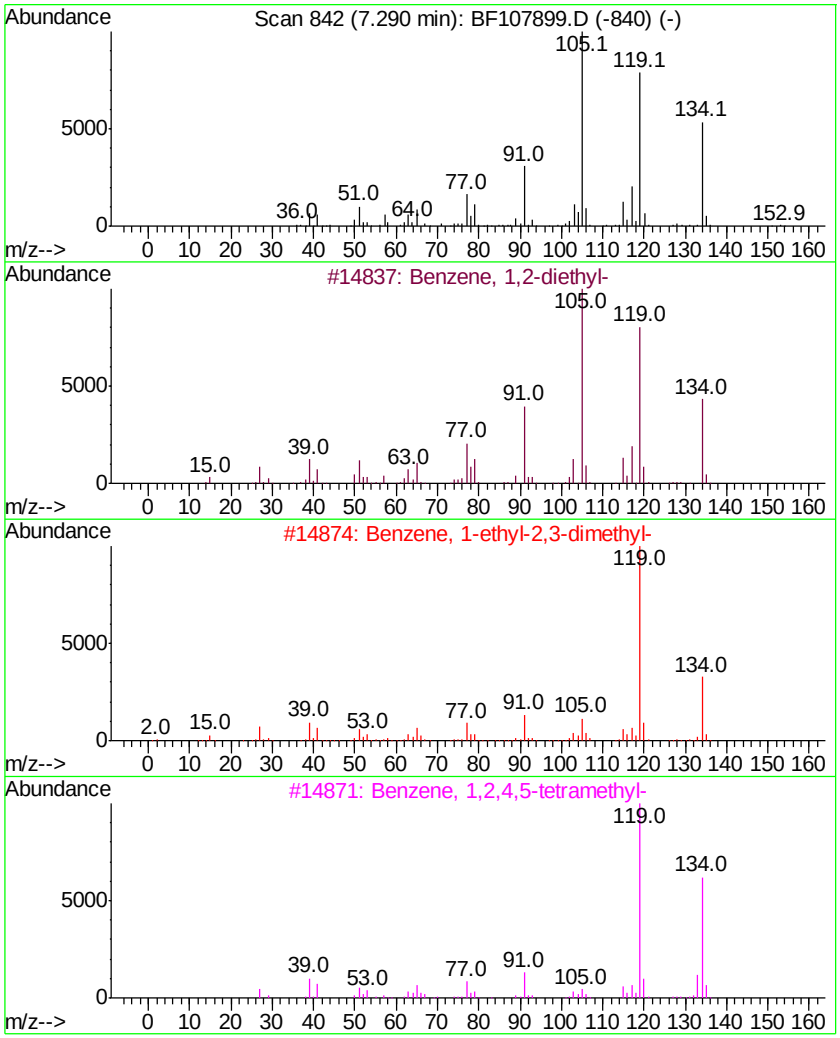
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

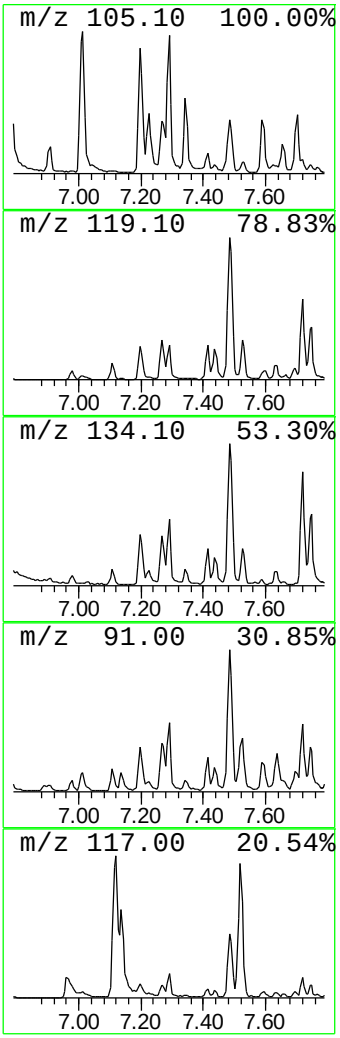
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	9.99 ng	351254	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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Library Search Compound Report

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Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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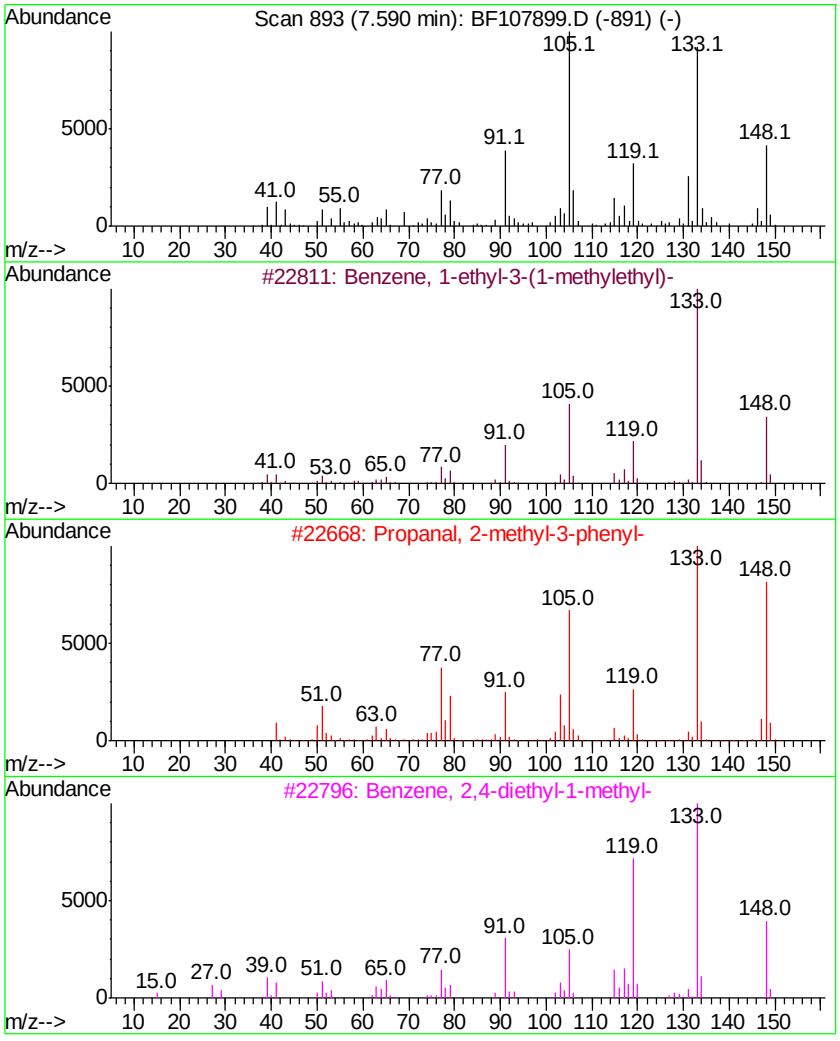
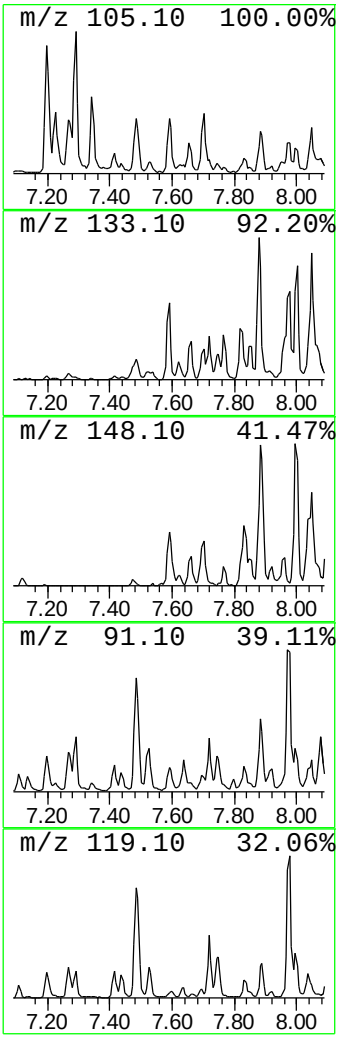
Peak Number 7 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	7.01 ng	246574	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	93
2	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	76
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	70
5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	68





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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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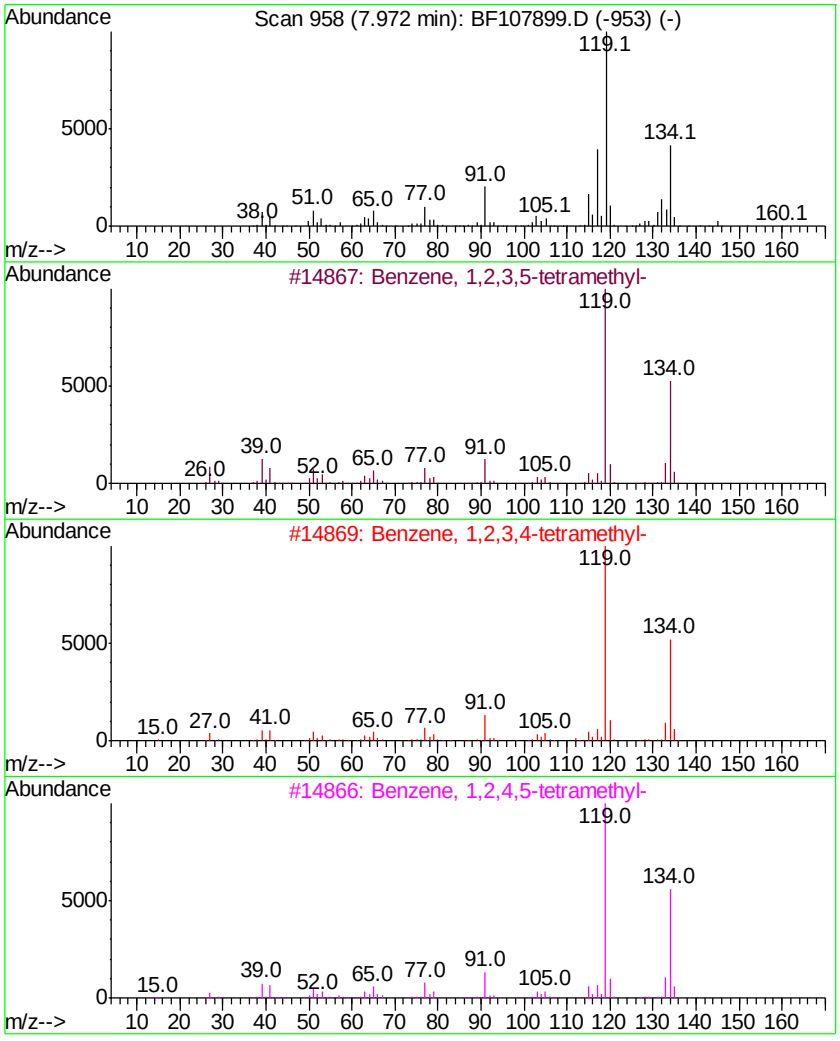
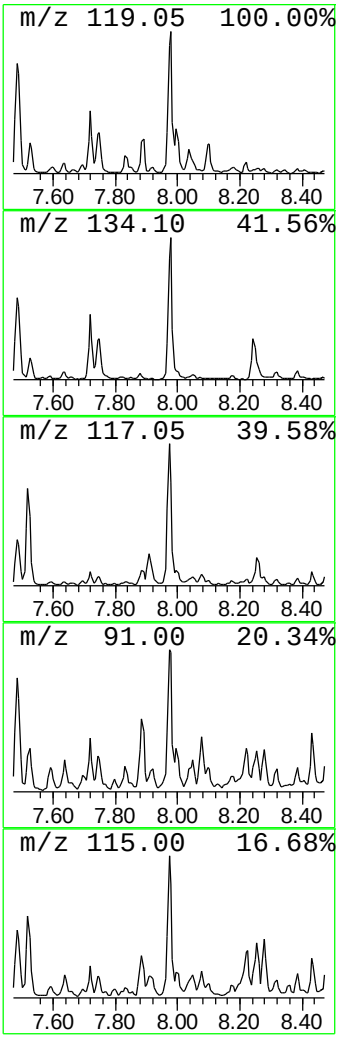
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	23.99 ng	1523510	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5	o-Cymene	134	C10H14	000527-84-4	70





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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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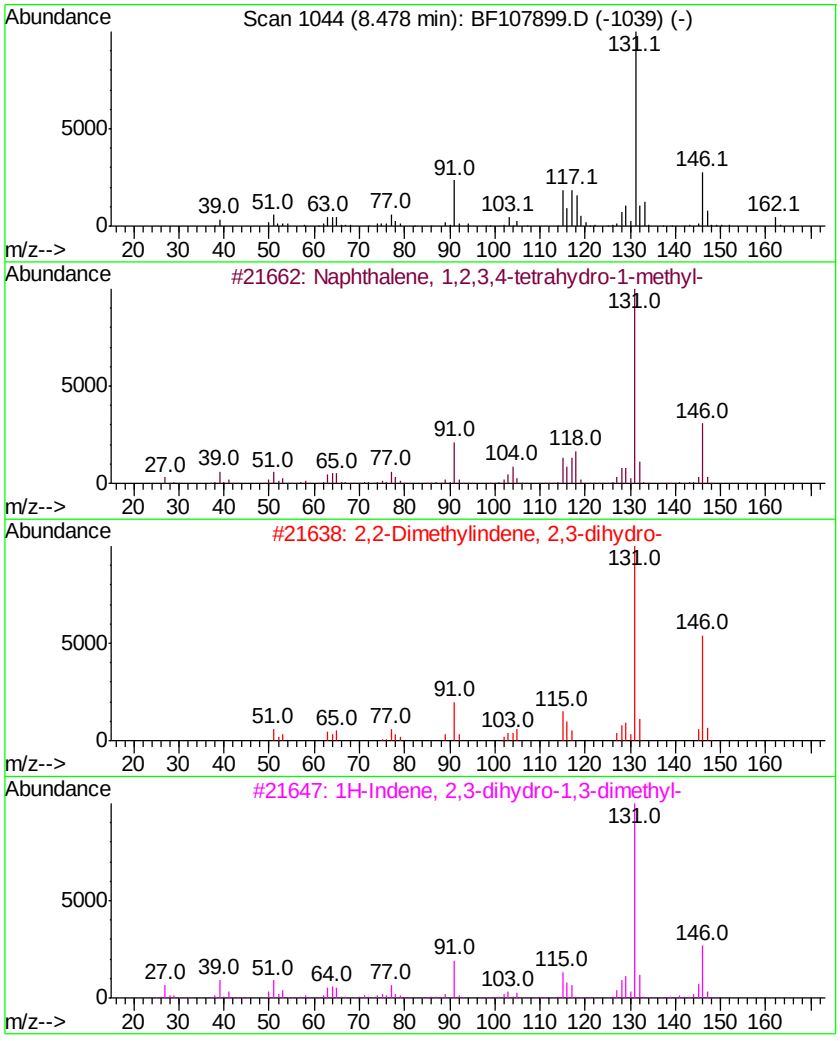
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

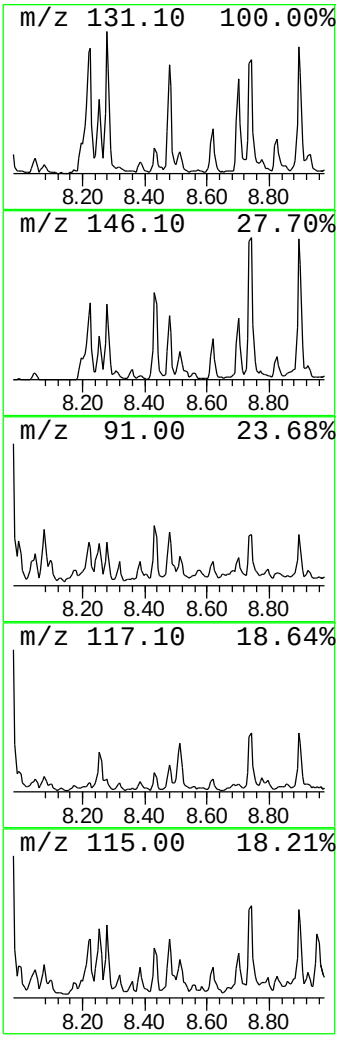
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	8.81 ng	559141	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	90
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	72
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	72
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





Library Search Compound Report

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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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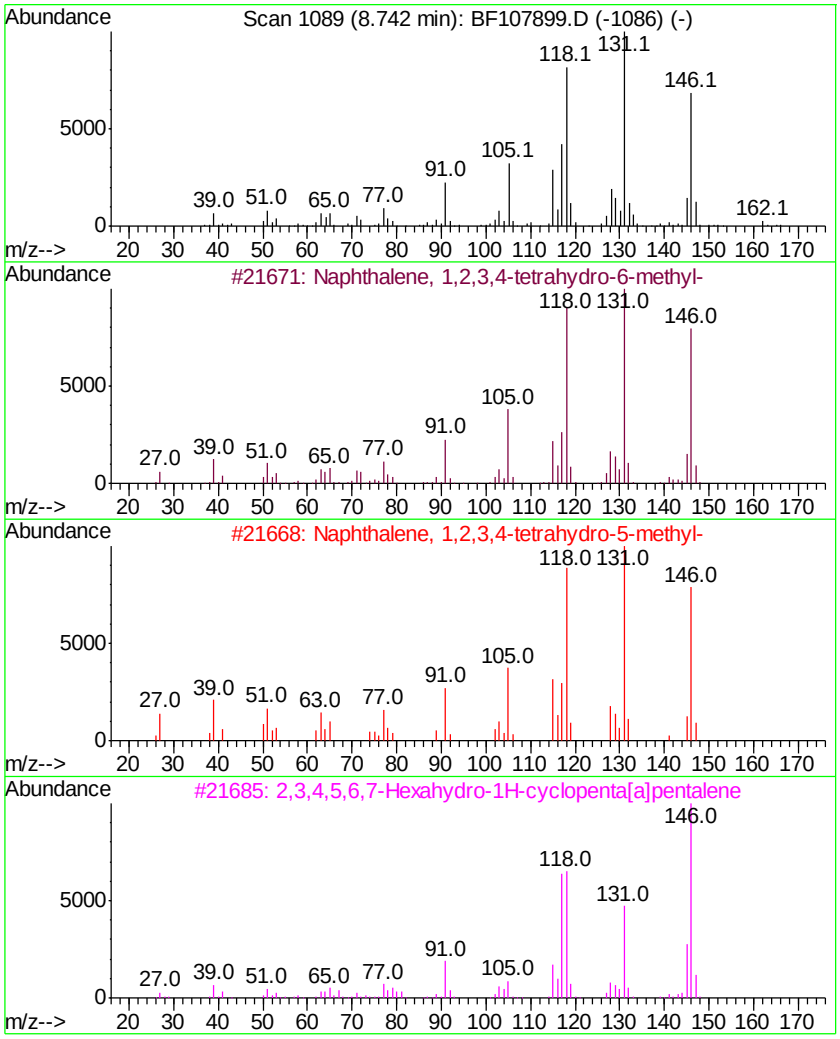
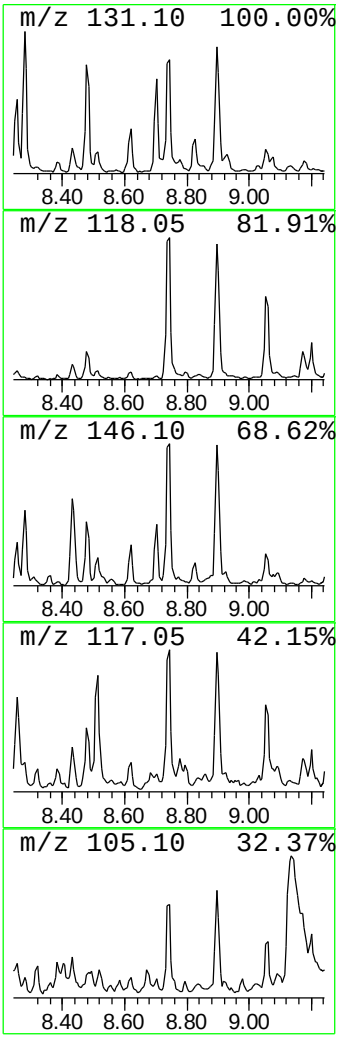
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	8.37 ng	531432	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	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	90
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64





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Sample : J4256-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

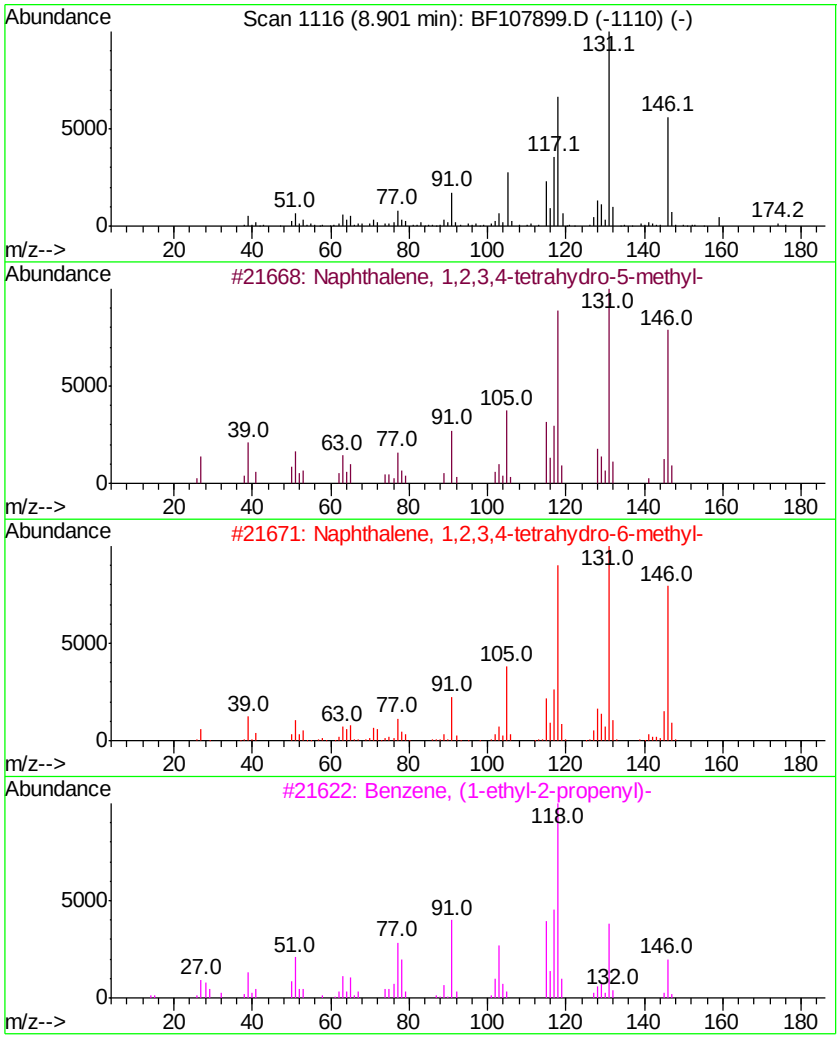
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

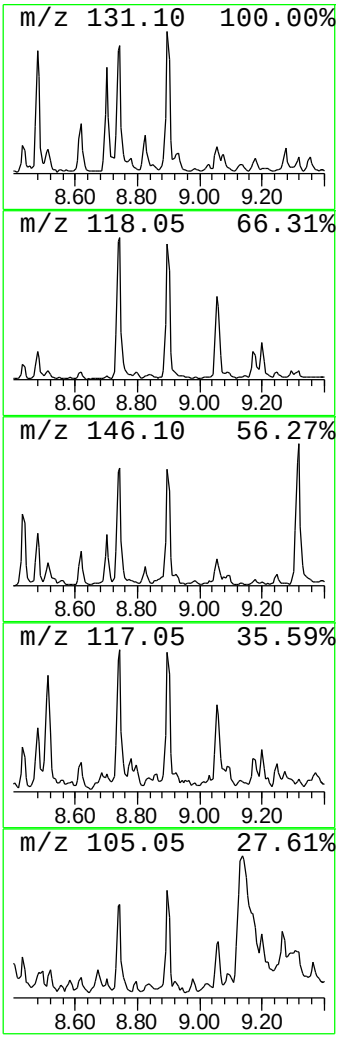
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.79 ng	621434	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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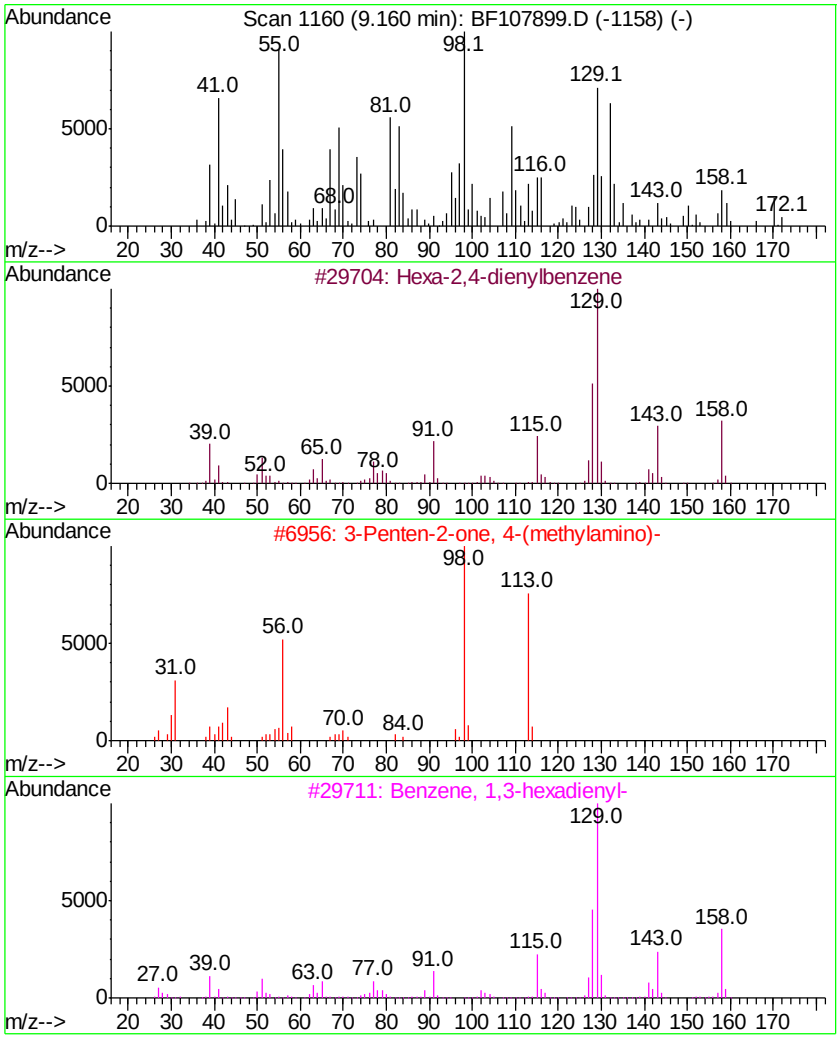
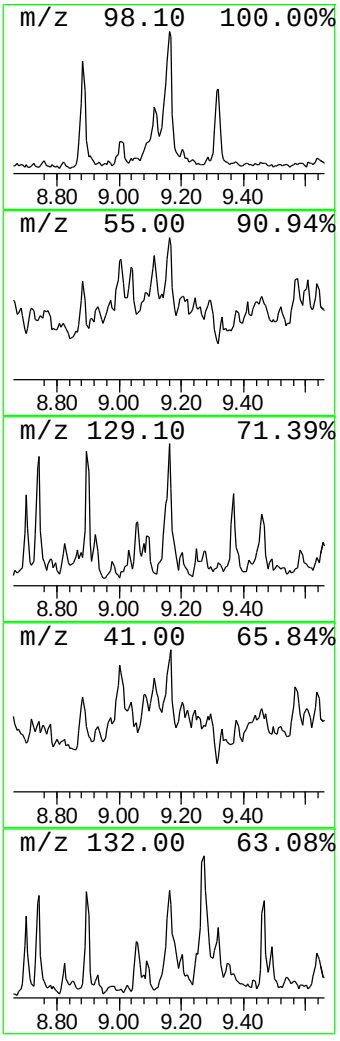
Peak Number 12 unknown9.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	6.52 ng	394052	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	25
2	3-Penten-2-one, 4-(methylamino)-	113	C6H11NO	014092-14-9	18
3	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	15
4	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	15
5	1,4-Di(methyl-d3)benzene-d4	116	C8D10	041051-88-1	14





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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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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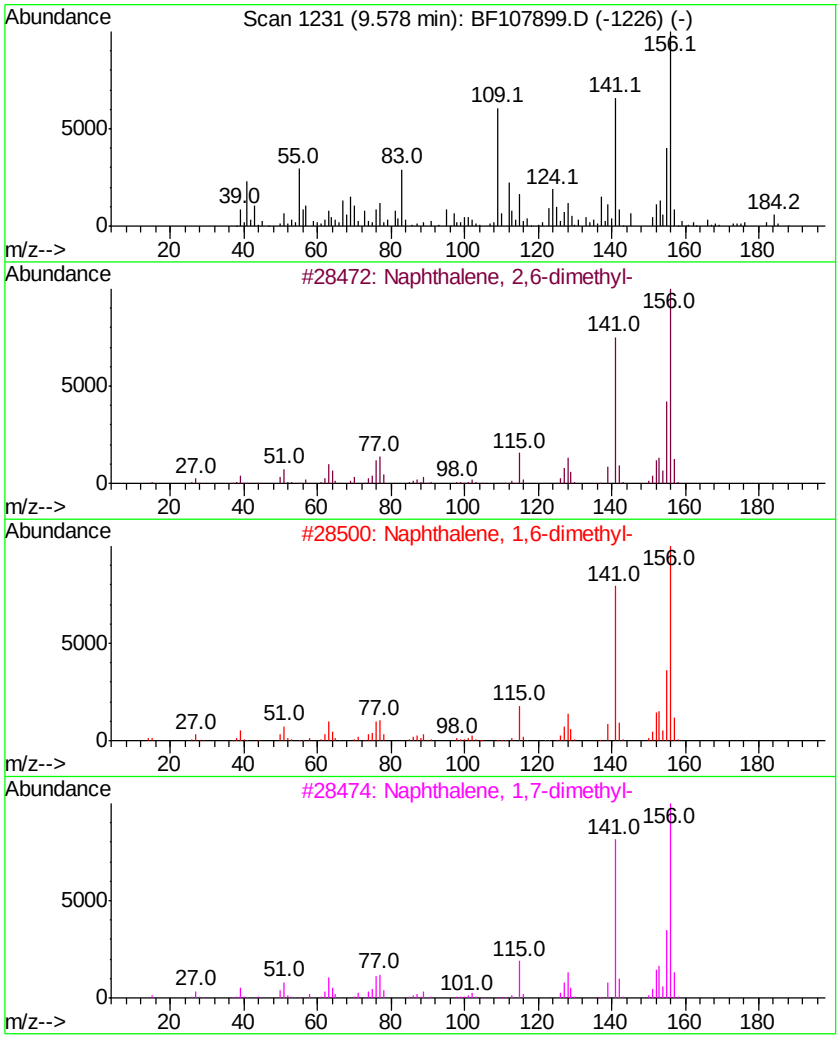
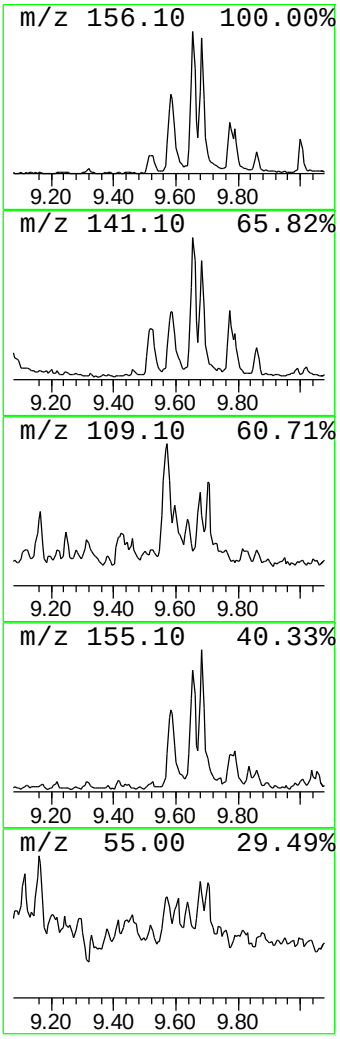
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	9.75 ng	588836	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90





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Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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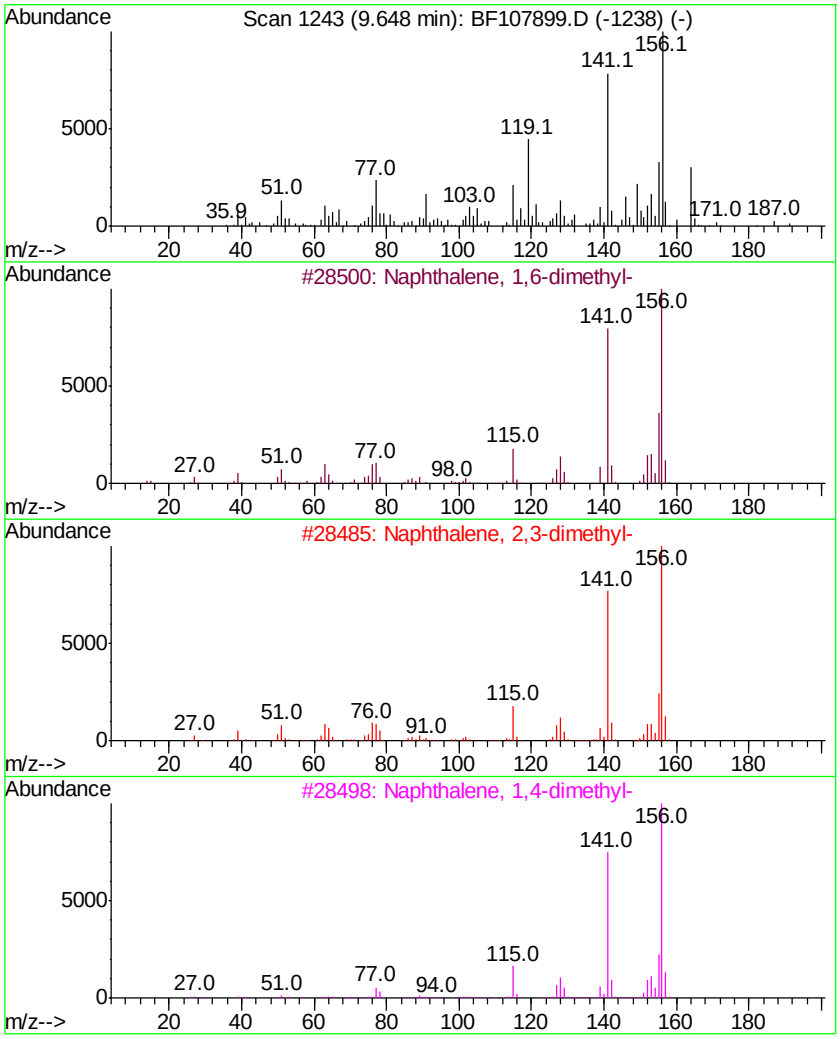
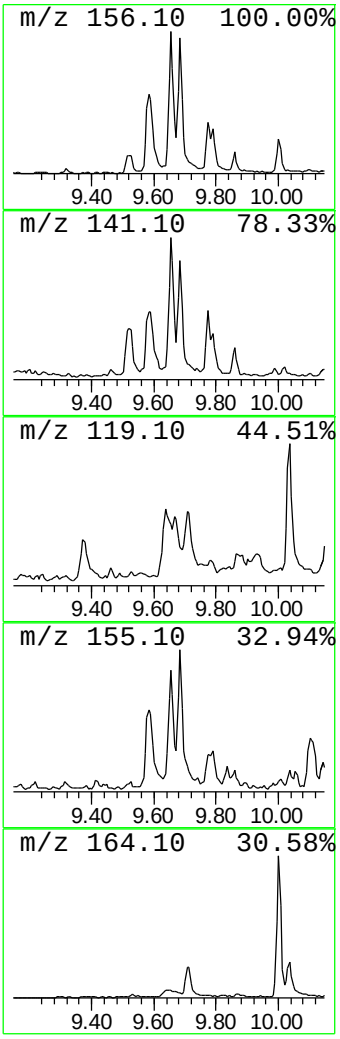
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	8.59 ng	518952	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : J4256-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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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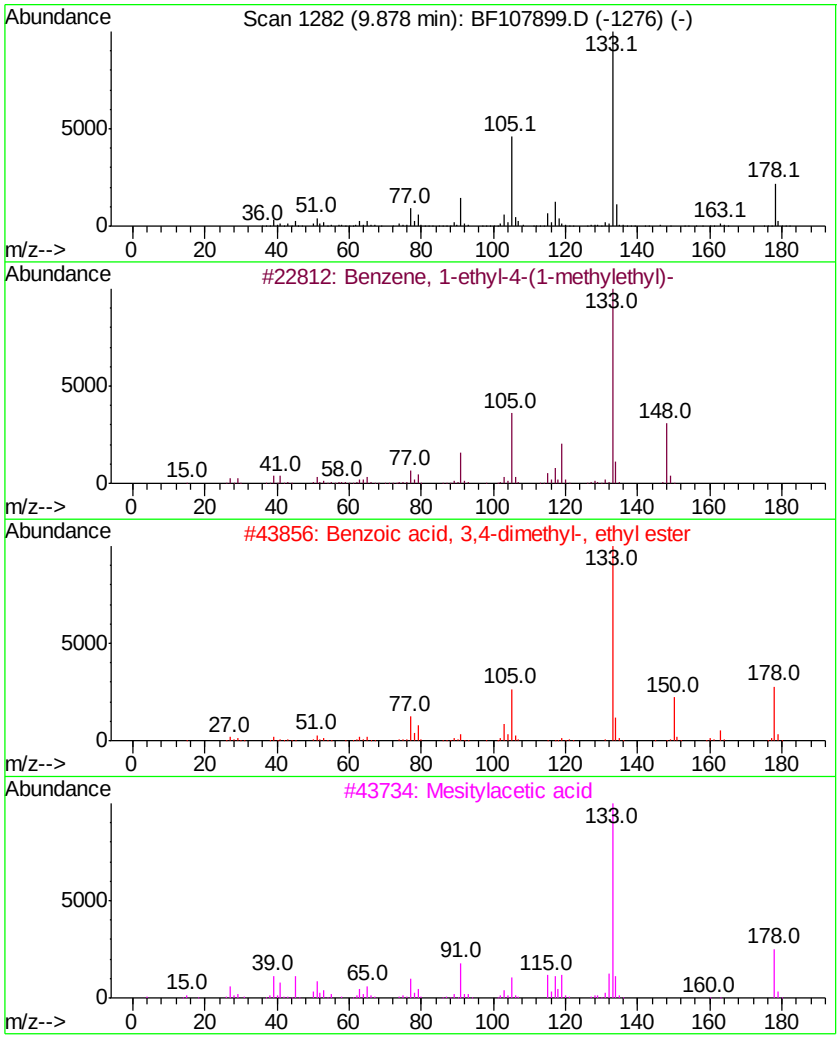
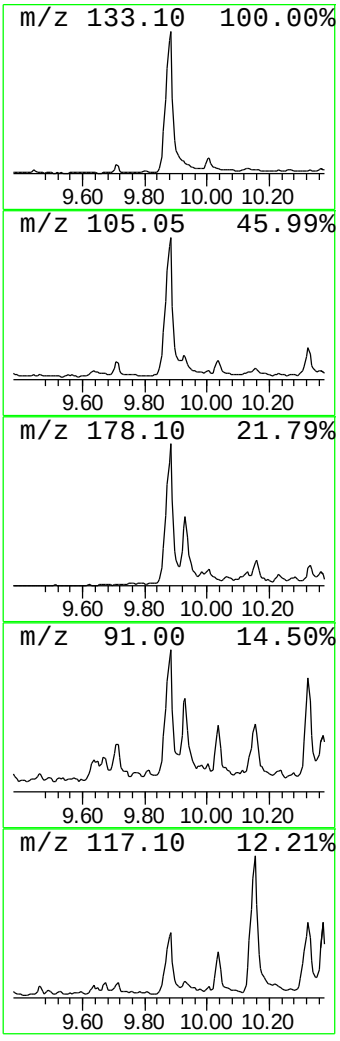
Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	32.07 ng	1937480	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
2	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	80
3	Mesitylacetic acid	178	C11H14O2	004408-60-0	78
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	72
5	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	64





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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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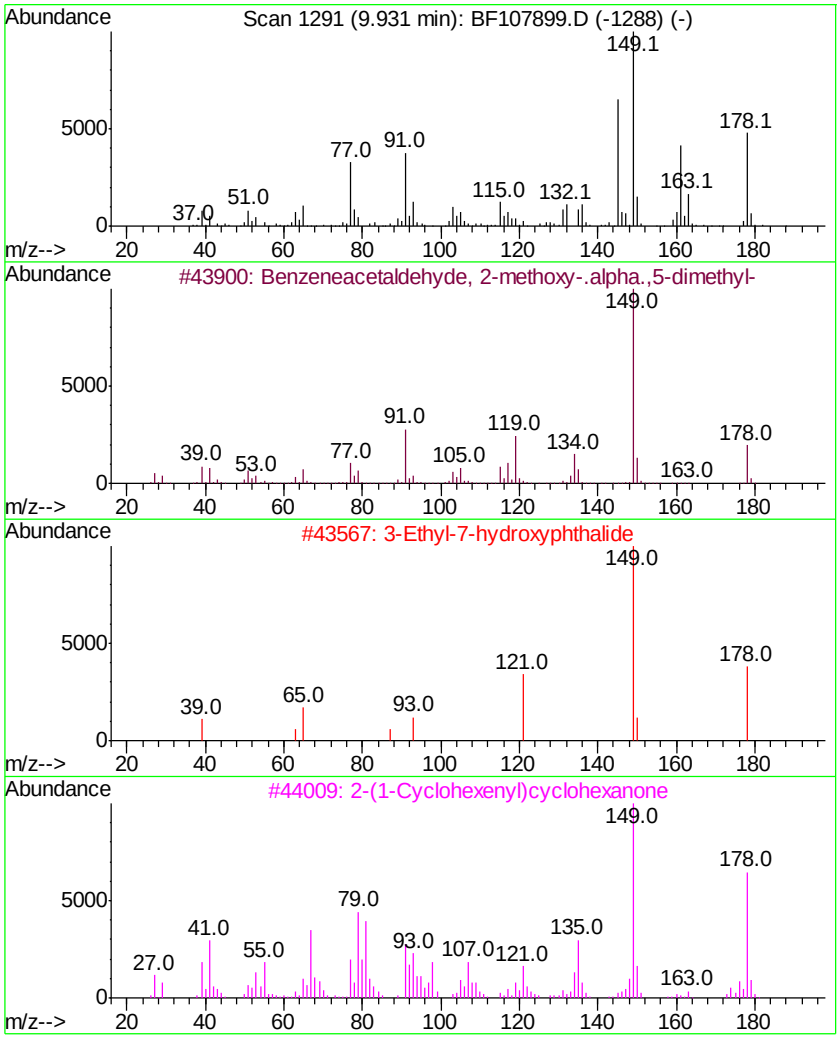
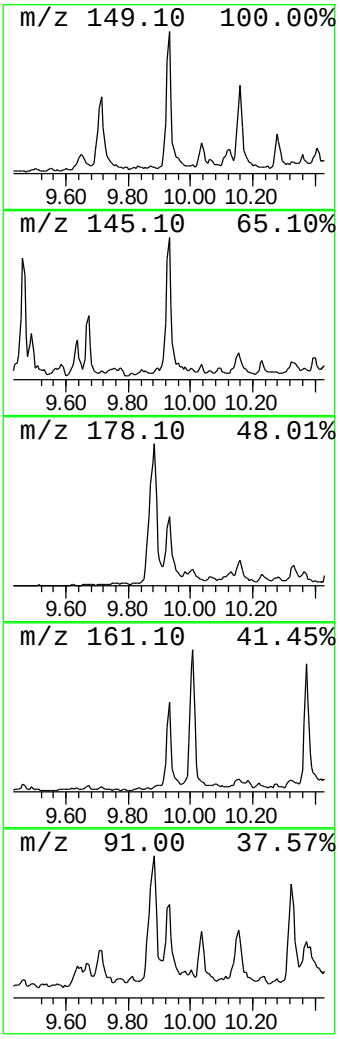
Peak Number 16 Benzeneacetaldehyde, 2-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	11.85 ng	715979	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	53
2	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	35
3	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	25
4	Formic acid, 2-(3-nitrophenyl)et...	195	C9H9NO4	1000368-22-2	25
5	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	22





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TIC Library : C:\DATABASE\NIST11.L
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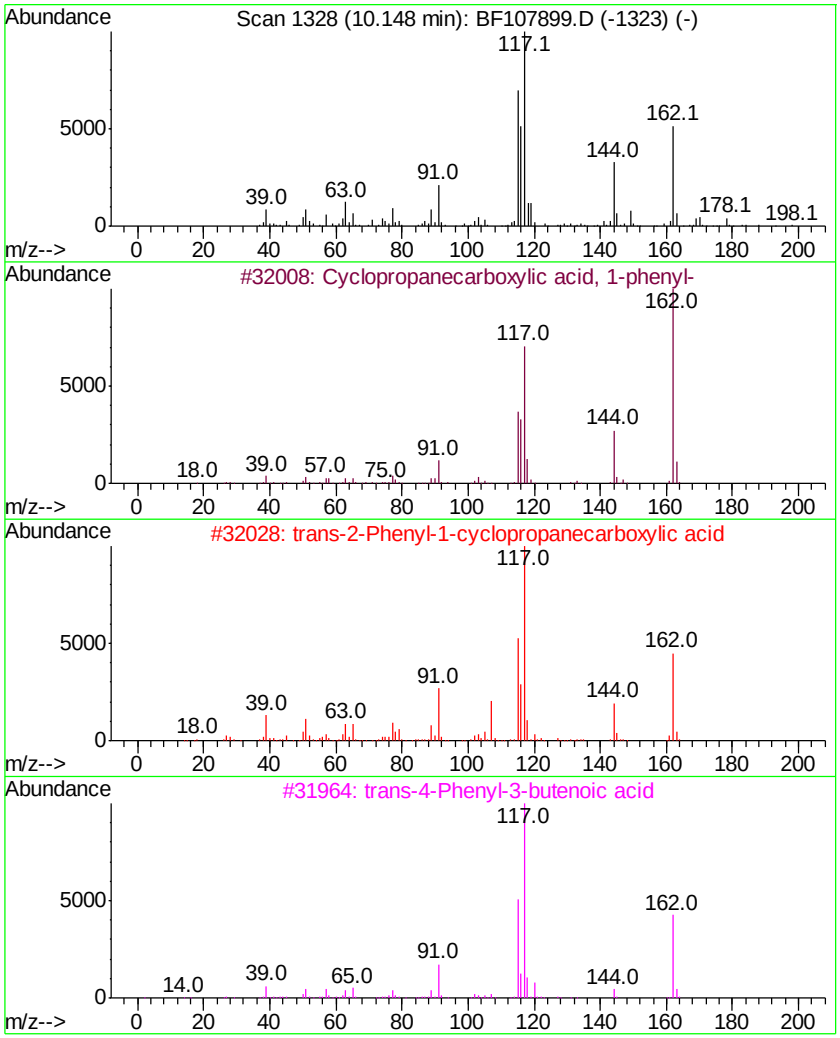
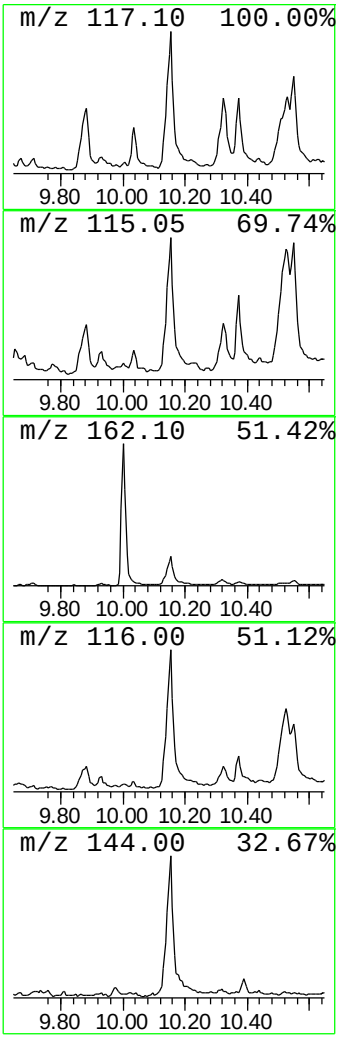
Peak Number 17 Cyclopropanecarboxylic acid... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	14.39 ng	869646	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	87
2	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	81
3	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	62
4	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	53
5	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

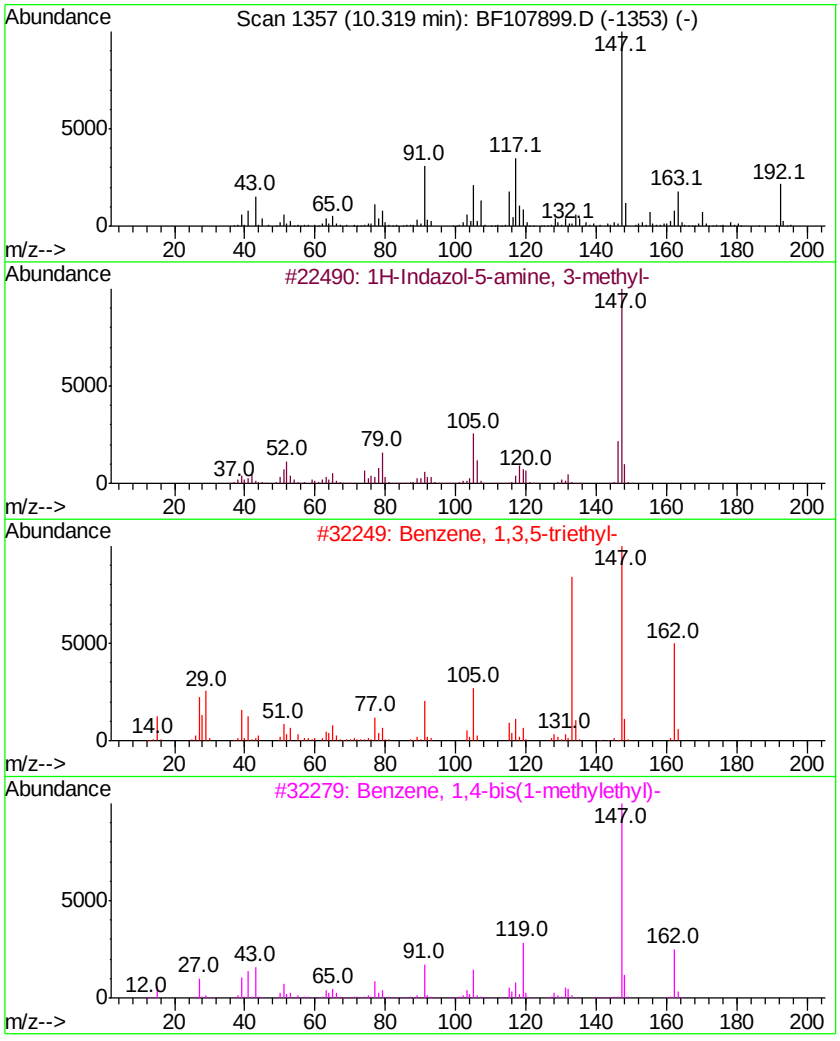
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

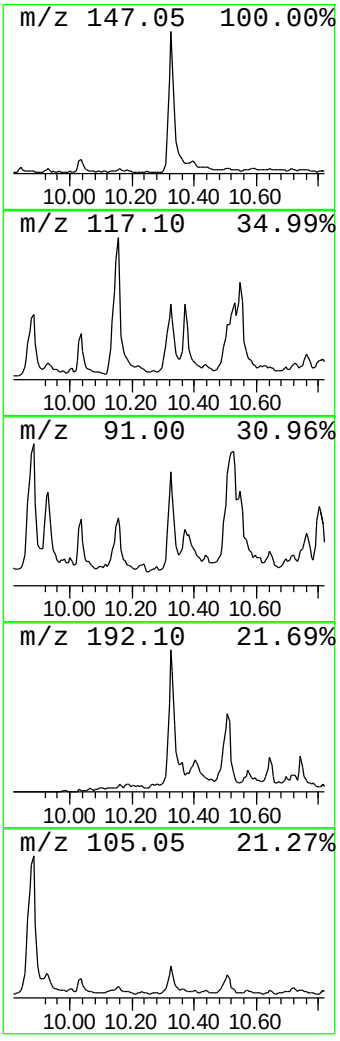
****

Peak Number 18 unknown10.32 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	17.80 ng	1075530	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	47
2	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	47
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
4	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	46
5	o-Diacetylbenzene	162	C10H10O2	000704-00-7	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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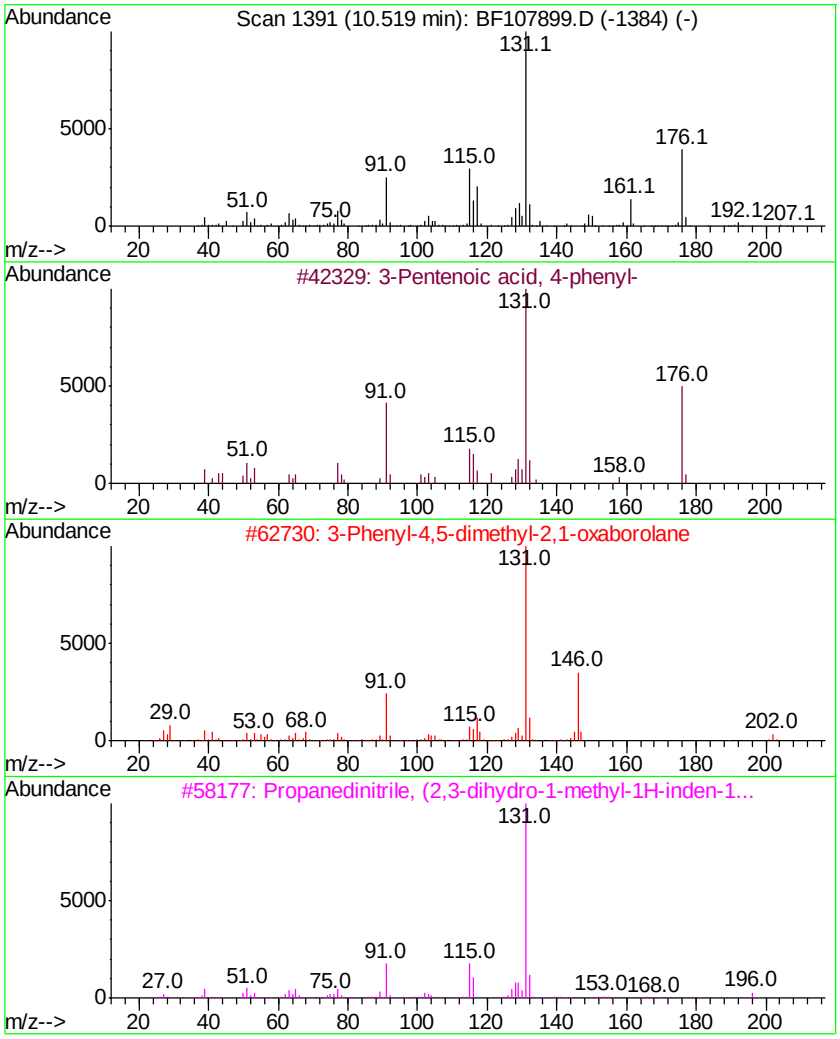
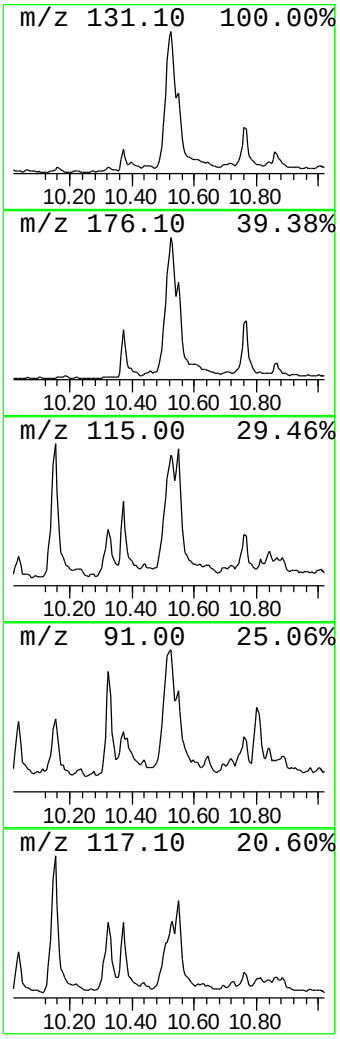
Peak Number 19 3-Pentenoic acid, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	33.74 ng	2038710	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	72
2	3-Phenyl-4,5-dimethyl-2,1-oxabor...	202	C13H19BO	1000062-26-1	50
3	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	49
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	47
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

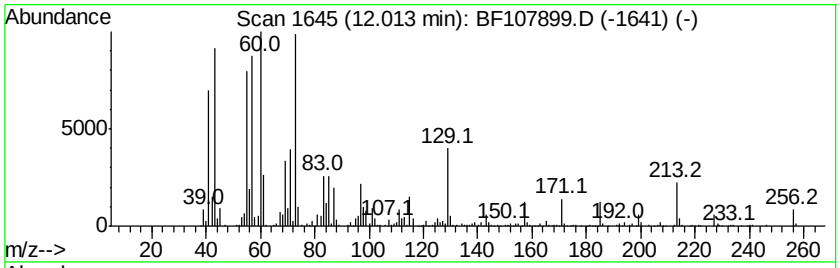
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

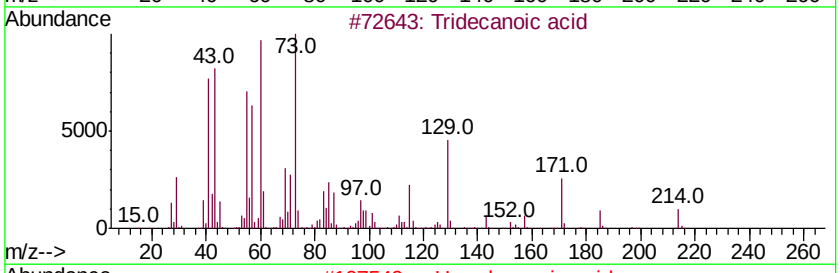
****

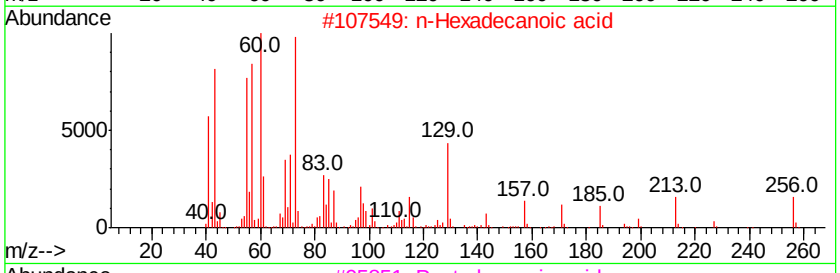
Peak Number 20 Tridecanoic acid Concentration Rank 8

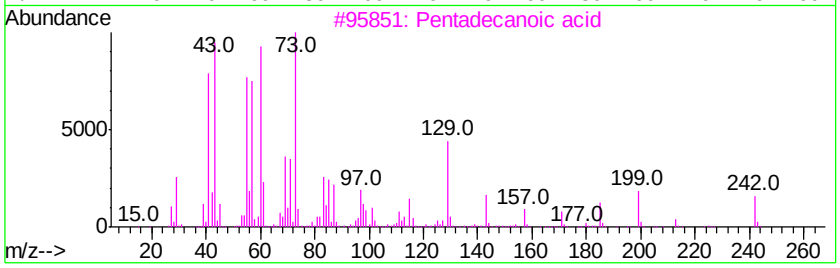
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	13.35 ng	706075	Phenanthrene-d10	11.50

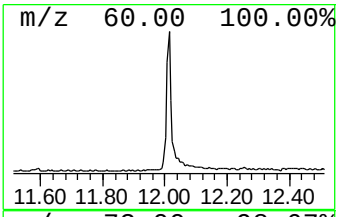
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

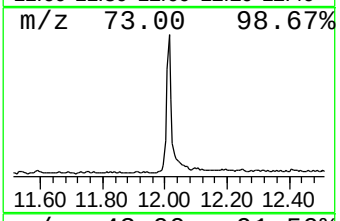


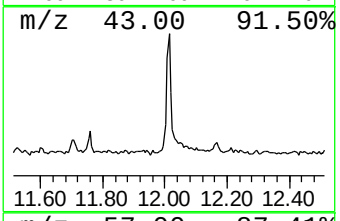


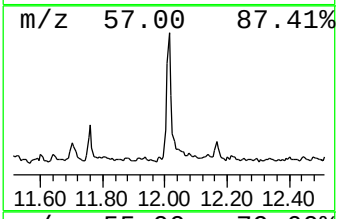


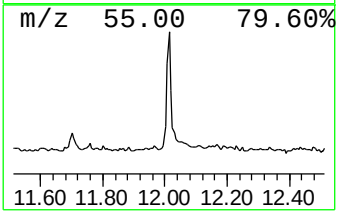












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107899.D
Acq On : 1 Aug 2018 19:50
Operator : JU/SJ
Sample : J4256-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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...	5.19	9.8	ng	346032	1	6.97	703028	20.0
unknown6.74	6.74	91.9	ng	3230070	1	6.97	703028	20.0
Benzene, 1,2,3-tr...	6.78	16.3	ng	573016	1	6.97	703028	20.0
Benzene, 1,3-diet...	7.20	7.9	ng	278523	1	6.97	703028	20.0
o-Cymene	7.27	7.1	ng	248644	1	6.97	703028	20.0
Benzene, 1,2-diet...	7.29	10.0	ng	351254	1	6.97	703028	20.0
Benzene, 1-ethyl-...	7.59	7.0	ng	246574	1	6.97	703028	20.0
Benzene, 1,2,3,5-...	7.97	24.0	ng	1523510	2	8.24	1270010	20.0
Naphthalene, 1,2,...	8.48	8.8	ng	559141	2	8.24	1270010	20.0
Naphthalene, 1,2,...	8.74	8.4	ng	531432	2	8.24	1270010	20.0
Naphthalene, 1,2,...	8.90	9.8	ng	621434	2	8.24	1270010	20.0
unknown9.16	9.16	6.5	ng	394052	3	10.00	1208400	20.0
Naphthalene, 2,6-...	9.58	9.8	ng	588836	3	10.00	1208400	20.0
Naphthalene, 1,6-...	9.65	8.6	ng	518952	3	10.00	1208400	20.0
Benzene, 1-ethyl-...	9.88	32.1	ng	1937480	3	10.00	1208400	20.0
Benzeneacetaldehy...	9.93	11.9	ng	715979	3	10.00	1208400	20.0
Cyclopropanecarbo...	10.15	14.4	ng	869646	3	10.00	1208400	20.0
unknown10.32	10.32	17.8	ng	1075530	3	10.00	1208400	20.0
3-Pentenoic acid,...	10.52	33.7	ng	2038710	3	10.00	1208400	20.0
Tridecanoic acid	12.01	13.4	ng	706075	4	11.50	1057780	20.0