LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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	5.190	481	485	504	rVB	225156	301977	6.52%	0.827%
2	5.601	551	555	568	rBV	902635	1581010	34.15%	4.327%
3	6.125	634	644	648	rBV3	48783	82449	1.78%	0.226%
4	6.607	722	726	744	rBV	507935	1191560	25.74%	3.261%
5	6.737	744	748	763	rVV	2718004	3342971	72.21%	9.150%
6	6.907	774	777	782	rVB	79431	90443	1.95%	0.248%
7	6.960	783	786	794	rVV	488312	744277	16.08%	2.037%
8	7.042	798	800	805	rVB2	64171	72861	1.57%	0.199%
9	7.119	808	813	824	rVV	2623505	3368415	72.76%	9.220%
10	7.195	824	826	836	rVV	175232	248347	5.36%	0.680%
11	7.289	839	842	848	rVB3	213210	217363	4.70%	0.595%
12	7.348	849	852	857	rVB5	42229	47677	1.03%	0.130%
13	7.460	866	871	872	rBV3	54032	71371	1.54%	0.195%
14	7.484	872	875	878	rVV	379024	344227	7.44%	0.942%
15	7.531	878	883	891	rBV2	1800621	2422980	52.34%	6.632%
16	7.636	899	901	907	rVB2	94270	88447	1.91%	0.242%
17	7.719	913	915	918	rBV	206677	163178	3.52%	0.447%
18	7.766	918	923	926	rVB3	161766	236858	5.12%	0.648%
19	7.813	929	931	937	rVB3	38773	55144	1.19%	0.151%
20	7.884	939	943	945	rBV2	138999	161429	3.49%	0.442%
21	7.913	945	948	952	rVB2	81962	118437	2.56%	0.324%
22	7.978	952	959	960	rBV4	85356	146653	3.17%	0.401%
23	7.995	960	962	966	rVB2	81905	79928	1.73%	0.219%
24	8.042	966	970	972	rBV4	107587	136510	2.95%	0.374%
25	8.066	972	974	977	rVB3	64255	58152	1.26%	0.159%
26	8.148	982	988	990	rBV4	95109	127139	2.75%	0.348%
27	8.172	990	992	995	rVB3	81138	86029	1.86%	0.235%
28	8.242	1001	1004	1008	rBV	846545	852099	18.41%	2.332%
29	8.278	1008	1010	1014	rVB	228137	188772	4.08%	0.517%
30	8.319	1014	1017	1020	rVB3	68985	68462	1.48%	0.187%
31	8.431	1033	1036	1041	rBV2	202676	240171	5.19%	0.657%
32	8.478	1041	1044	1048	rVV	263414	239142	5.17%	0.655%
33	8.554	1055	1057	1059	rBV2	65511	73348	1.58%	0.201%
34	8.619	1063	1068	1075	rBV6	179867	287794	6.22%	0.788%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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	8.672	1075	1077	1080	rBV3	42465	57758	1.25%	0.158%
36	8.701	1080	1082	1086	rBV2	107905	121142	2.62%	0.332%
37	8.878	1108	1112	1113	rBV3	97336	123130	2.66%	0.337%
38	8.895	1113	1115	1118	rVV	183723	166917	3.61%	0.457%
39	8.931	1118	1121	1123	rVB2	96024	104606	2.26%	0.286%
40	9.025	1133	1137	1139	rBV2	142313	164423	3.55%	0.450%
41	9.054	1139	1142	1147	rVV2	191382	213932	4.62%	0.586%
42	9.130	1153	1155	1159	rVB4	48945	51038	1.10%	0.140%
43	9.178	1159	1163	1165	rBV4	79048	121616	2.63%	0.333%
44	9.278	1178	1180	1182	rVB	81350	59221	1.28%	0.162%
45	9.319	1182	1187	1200	rBV	3921652	4629260	100.00%	12.671%
46	9.419	1201	1204	1206	rBV3	106925	122137	2.64%	0.334%
47	9.489	1213	1216	1218	rBV4	69894	89622	1.94%	0.245%
48	9.560	1226	1228	1230	rBV2	69959	67808	1.46%	0.186%
49	9.666	1244	1246	1250	rVB2	164723	165804	3.58%	0.454%
50	9.707	1250	1253	1258	rVB	419004	446523	9.65%	1.222%
51	10.001	1300	1303	1309	rBV	1204316	1214714	26.24%	3.325%
52	10.260	1344	1347	1348	rBV3	60368	61506	1.33%	0.168%
53	10.683	1416	1419	1423	rBV5	74948	113930	2.46%	0.312%
54	10.754	1427	1431	1435	rVV	489326	620474	13.40%	1.698%
55	10.801	1435	1439	1451	rVB	2308759	2789284	60.25%	7.634%
56	11.030	1476	1478	1481	rBV3	76375	71093	1.54%	0.195%
57	11.501	1554	1558	1568	rBV	895858	1070530	23.13%	2.930%
58	12.007	1641	1644	1653	rBV2	311305	371455	8.02%	1.017%
59	12.789	1775	1777	1782	rVB4	47079	46601	1.01%	0.128%
60	13.083	1823	1827	1844	rBV	3238842	3648937	78.82%	9.987%
61	13.624	1917	1919	1925	rVB3	53958	51819	1.12%	0.142%
62	13.954	1972	1975	1986	rBV	236992	278089	6.01%	0.761%
63	14.154	2005	2009	2021	rBV	654415	943126	20.37%	2.581%
64	15.689	2265	2270	2290	rVB	540947	1013294	21.89%	2.773%

Sum of corrected areas: 36535409

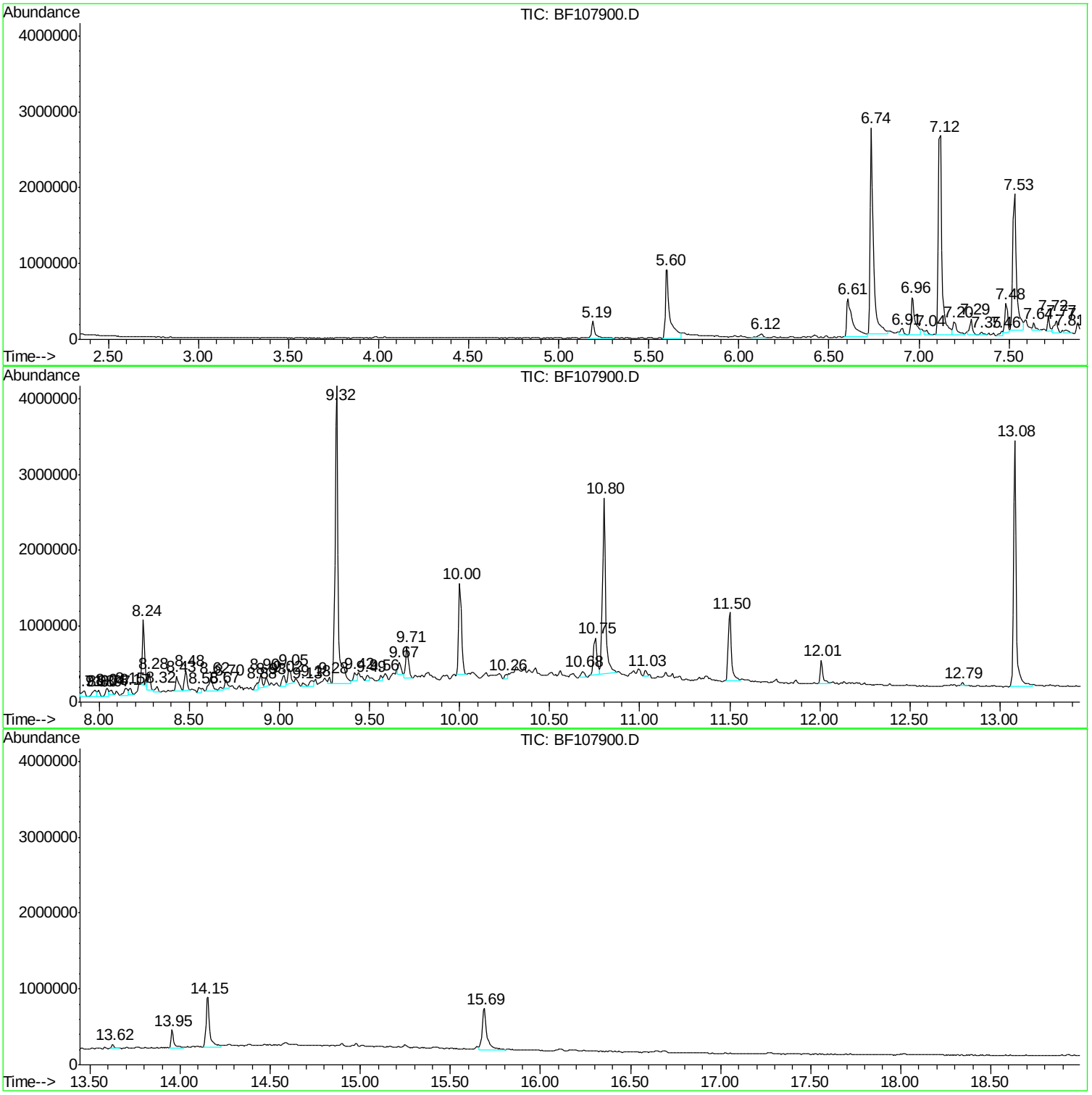
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

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 : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

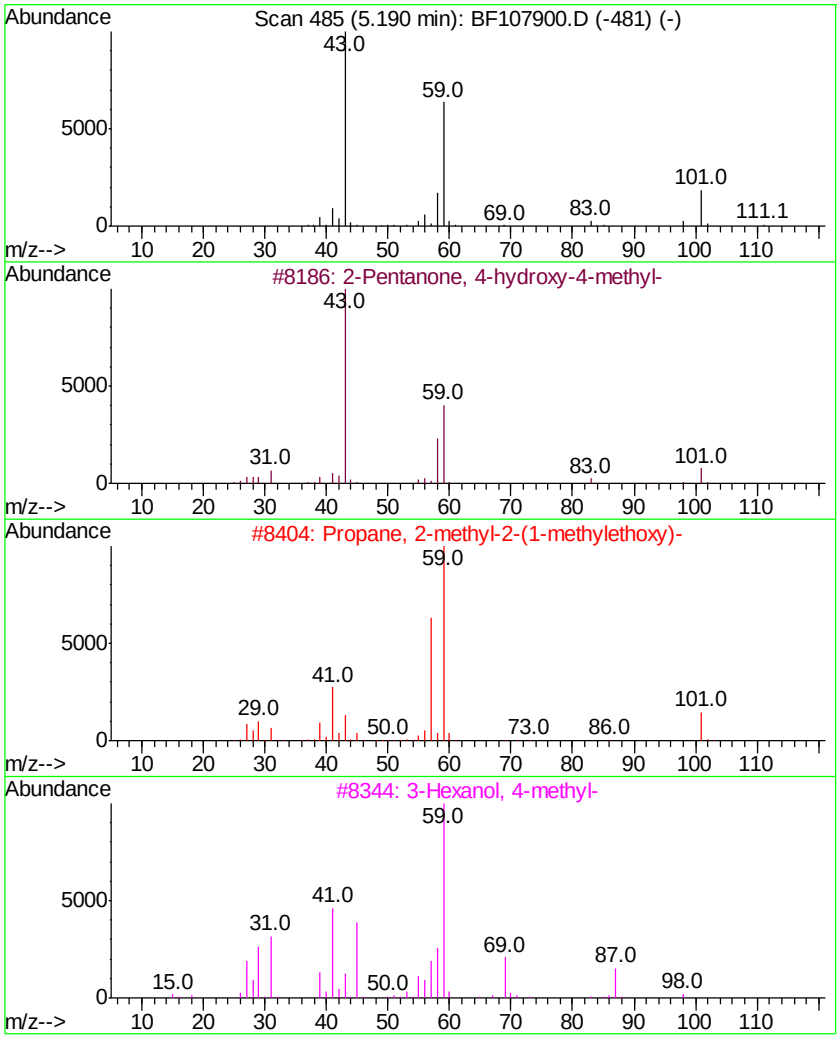
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

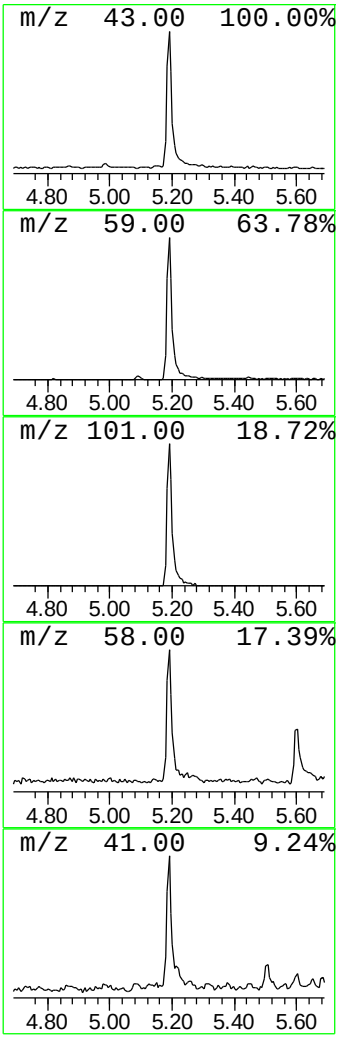
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	8.11 ng	301977	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

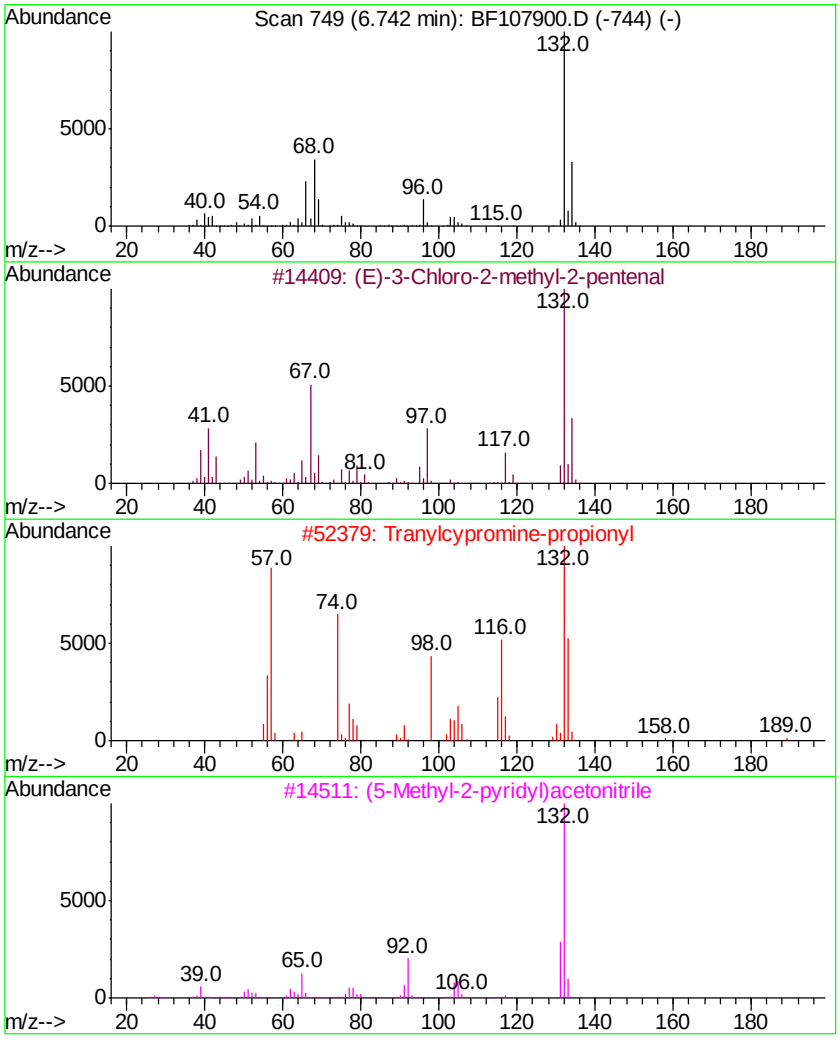
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

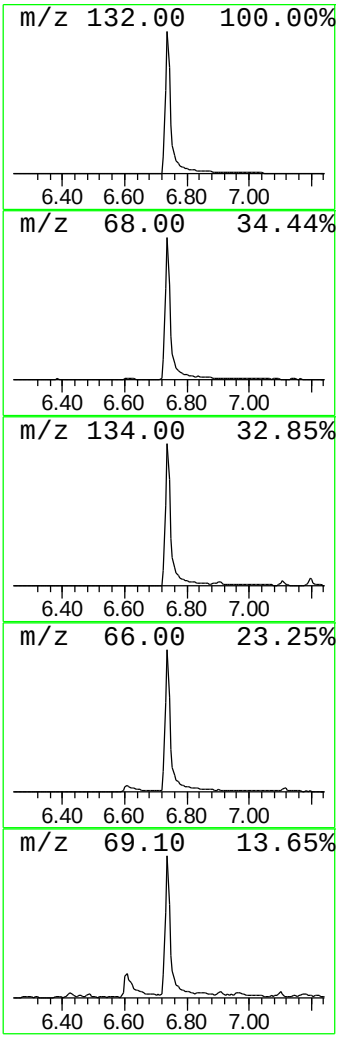
****

Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	89.83 ng	3342970	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

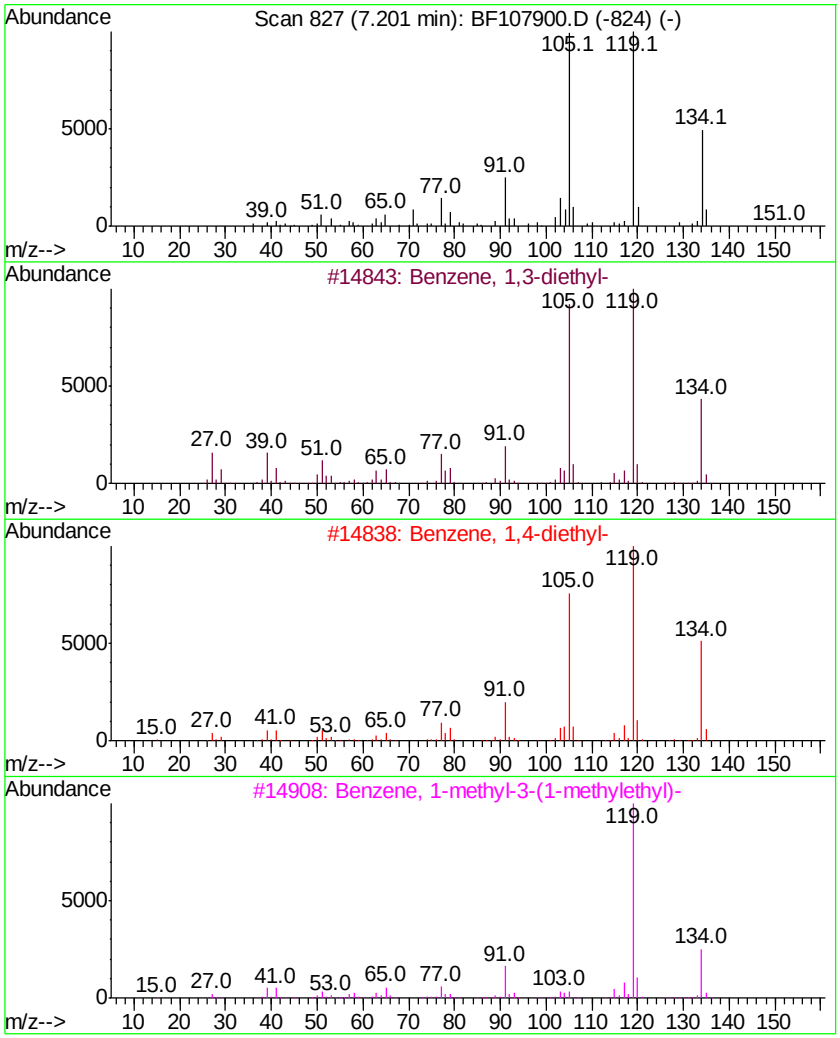
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

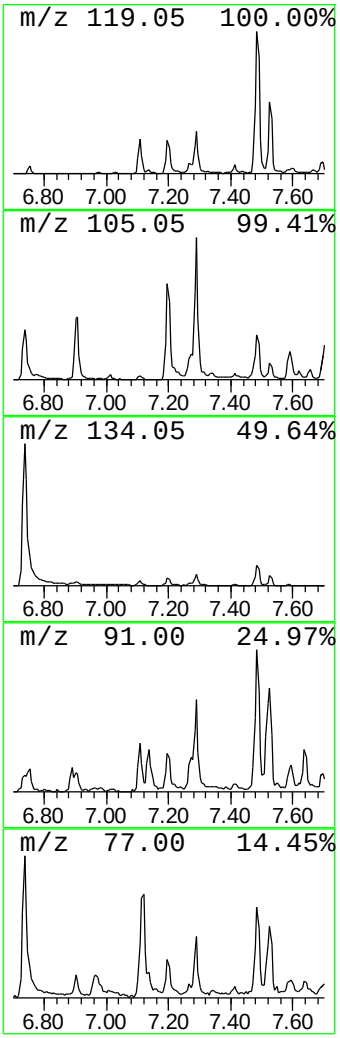
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	6.67 ng	248347	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

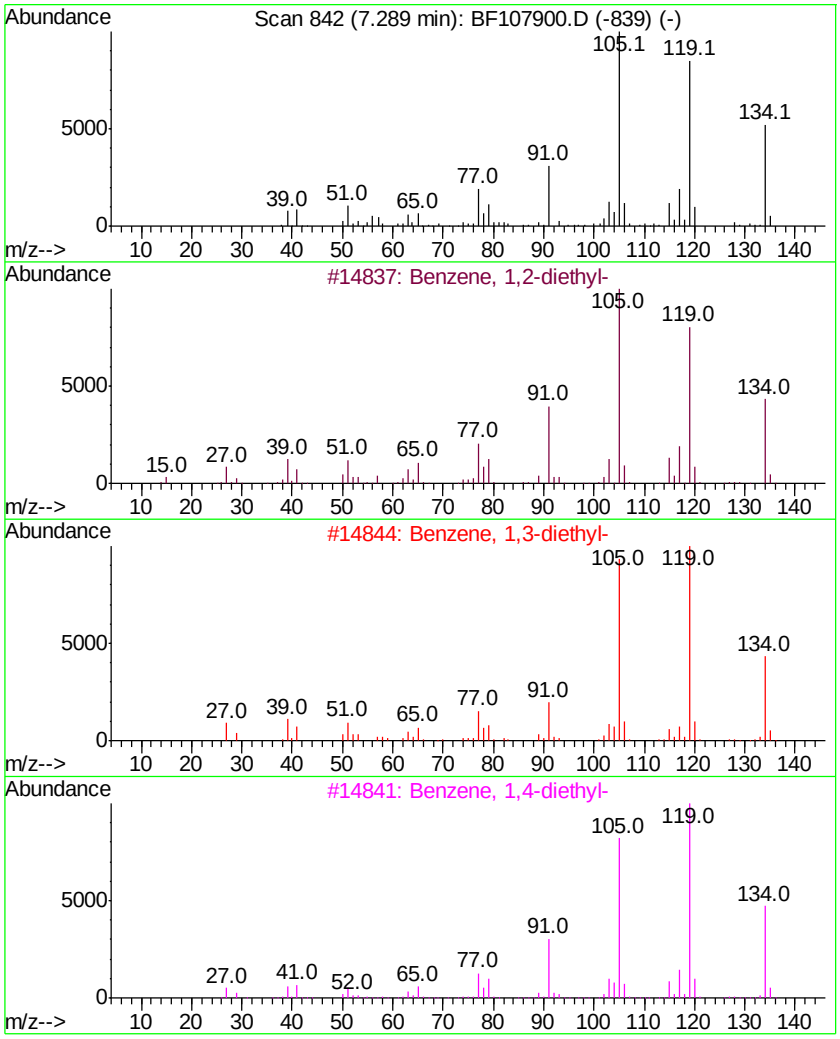
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

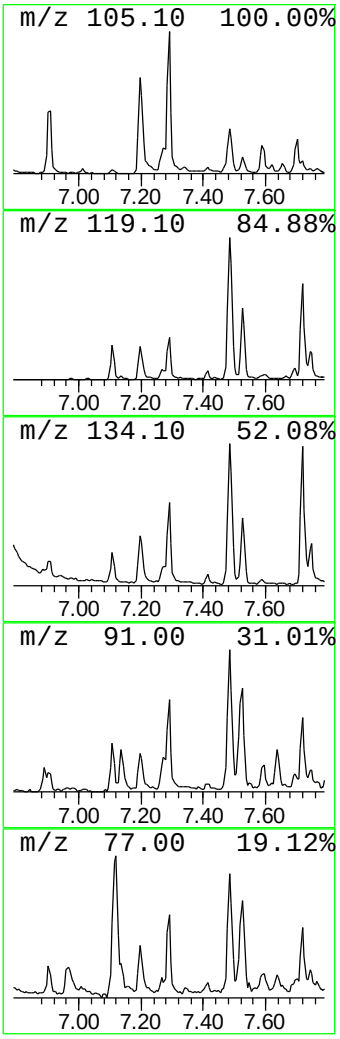
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.84 ng	217363	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

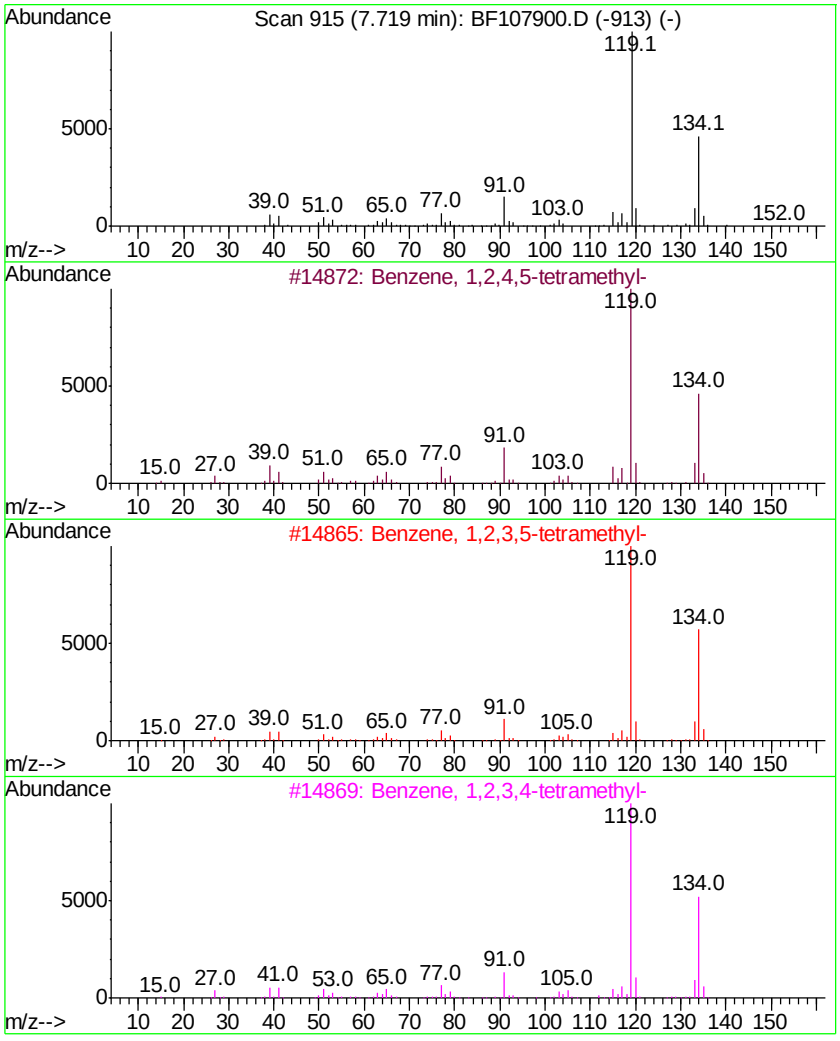
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

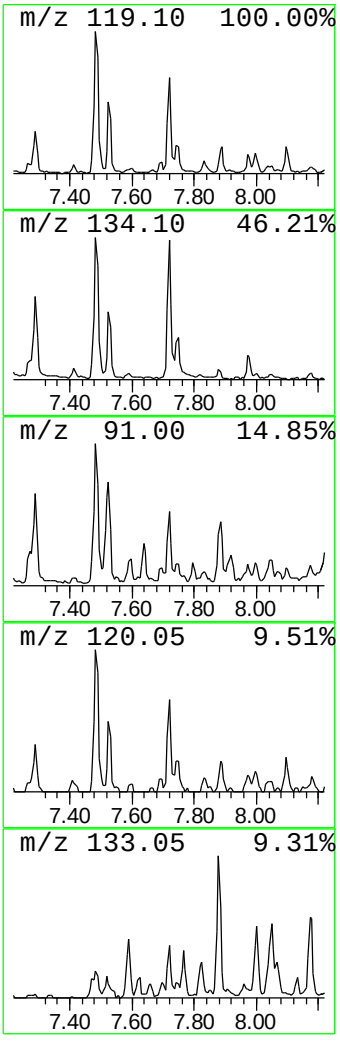
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.83 ng	163178	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

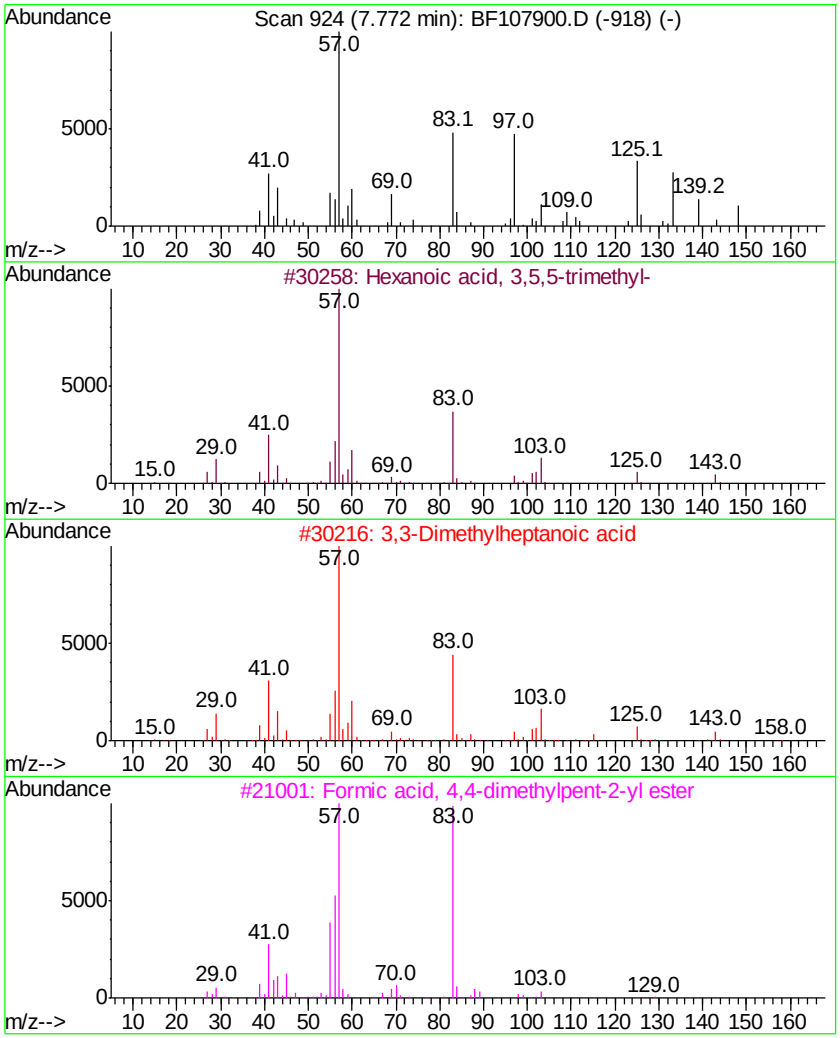
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

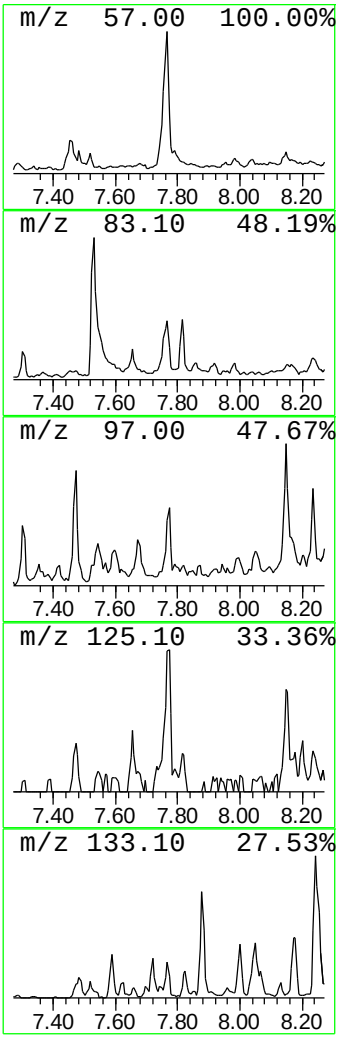
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.56 ng	236858	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	59
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	50
3	Formic acid, 4,4-dimethylpent-2-...	144	C8H16O2	1000368-69-9	27
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	27
5	2,2-Dimethylpropionic acid, hexa...	326	C21H42O2	032767-89-8	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

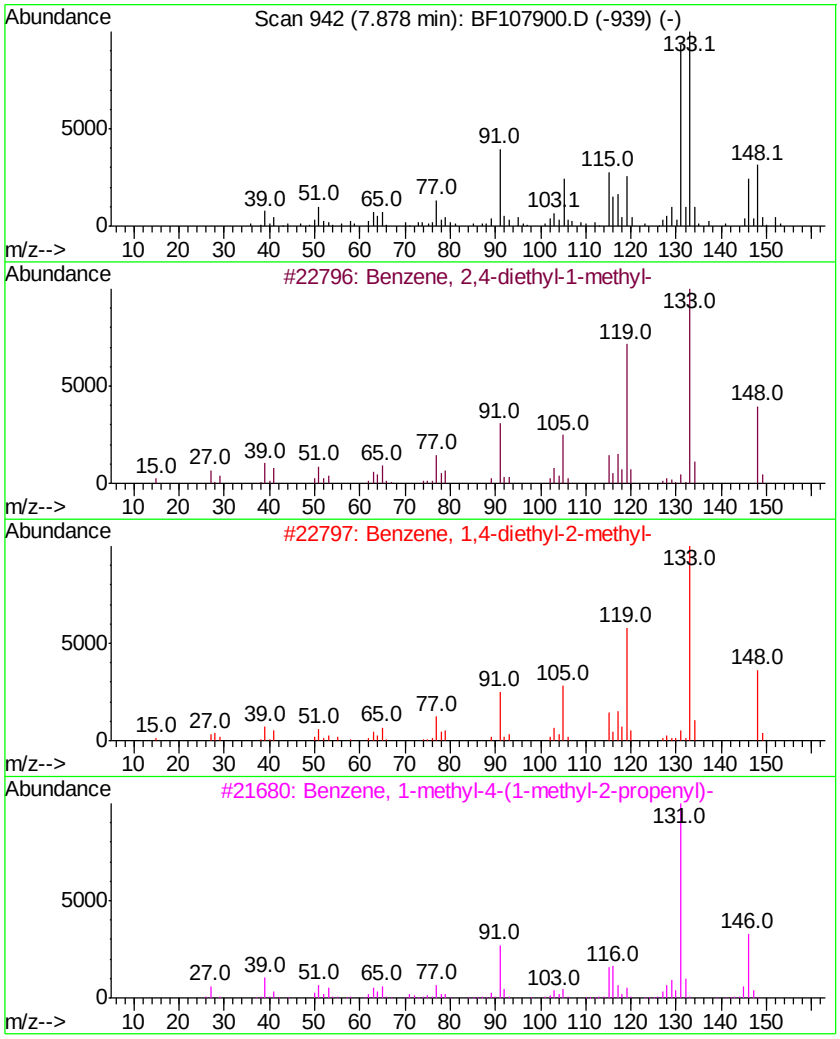
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

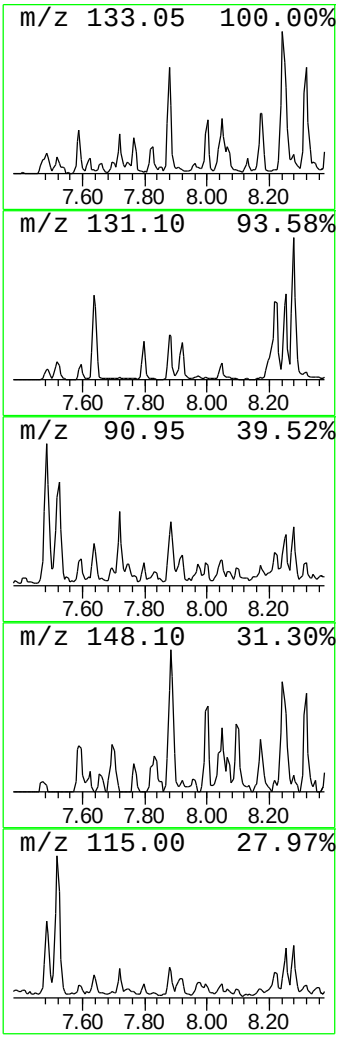
****

Peak Number 8 unknown7.88 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.79 ng	161429	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	46
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	42
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	42
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	42





Library Search Compound Report

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Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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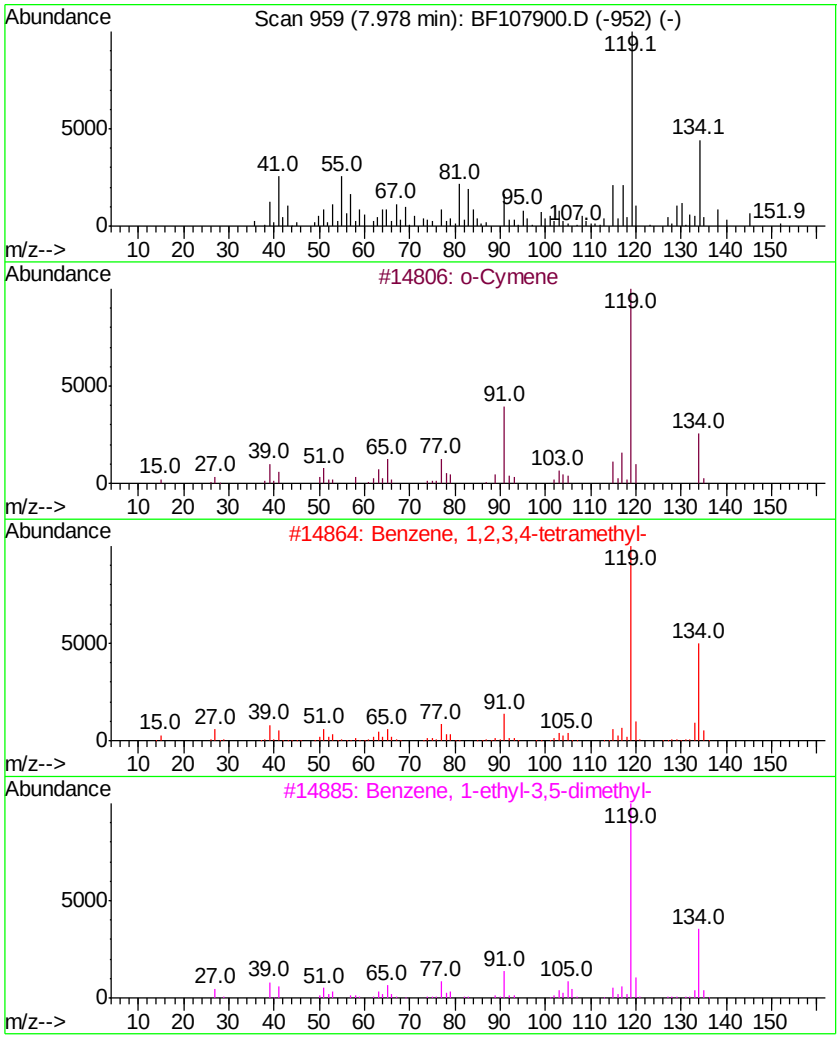
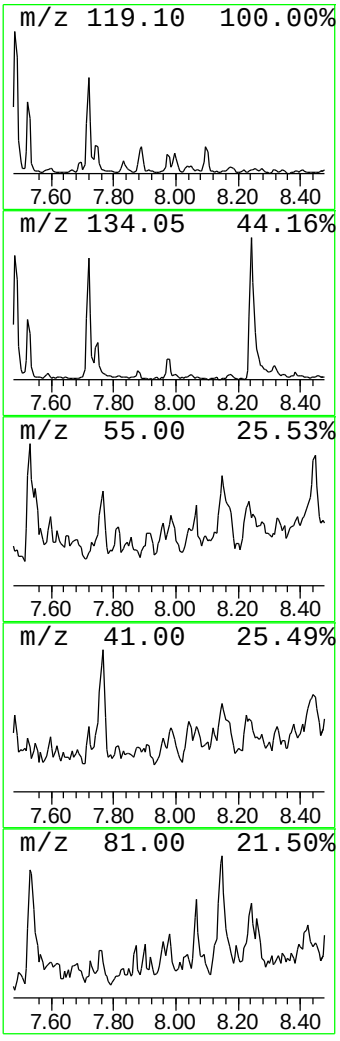
Peak Number 9 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.44 ng	146653	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	53





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Instrument : BNA_F
ClientSampleId : MW-17

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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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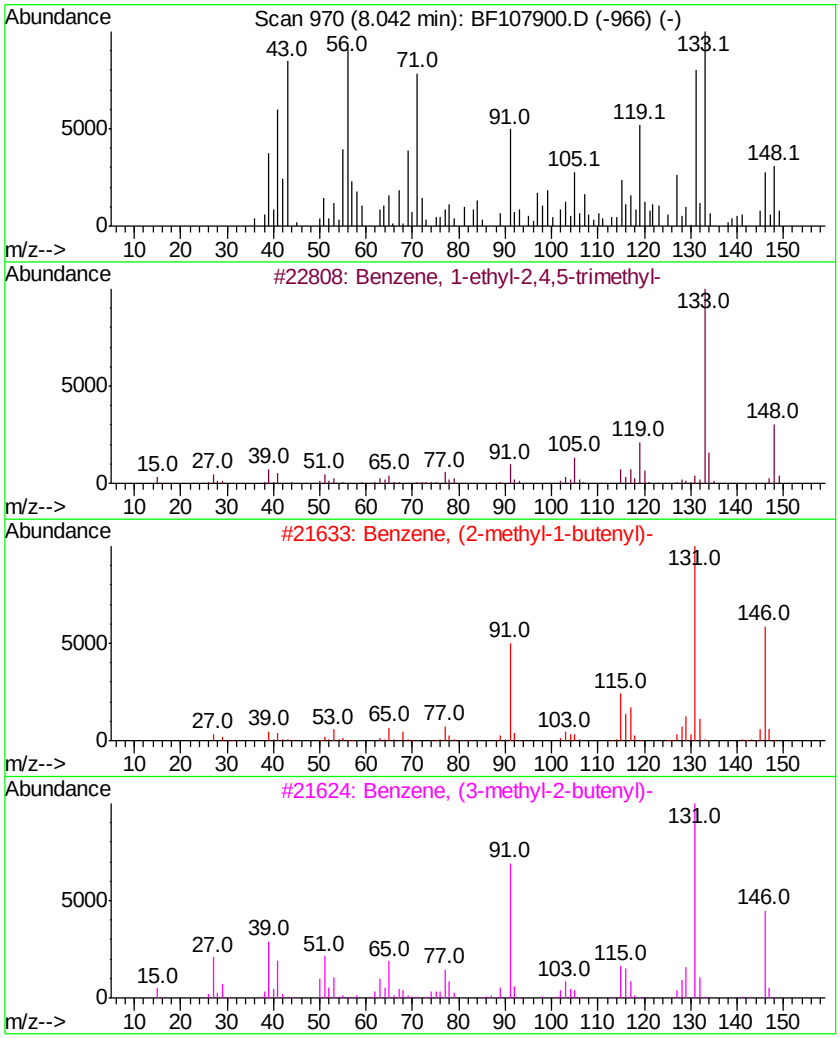
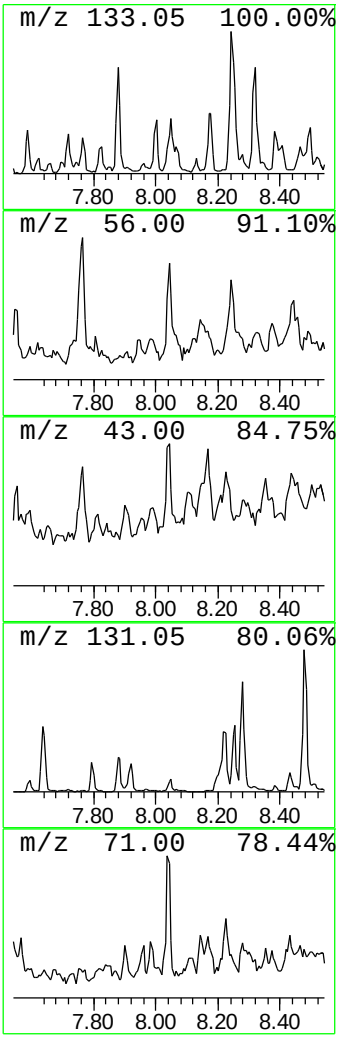
Peak Number 10 unknown8.04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.20 ng	136510	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	30
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	25
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	25
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	15
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	15





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TIC Library : C:\DATABASE\NIST11.L
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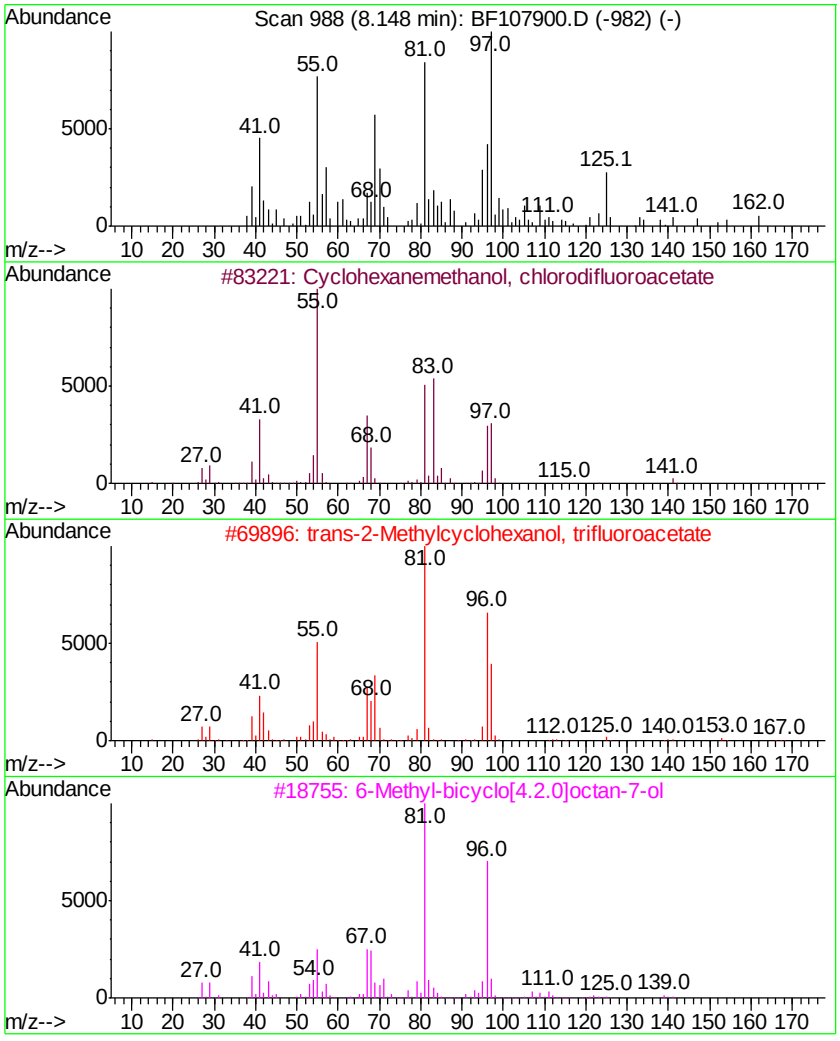
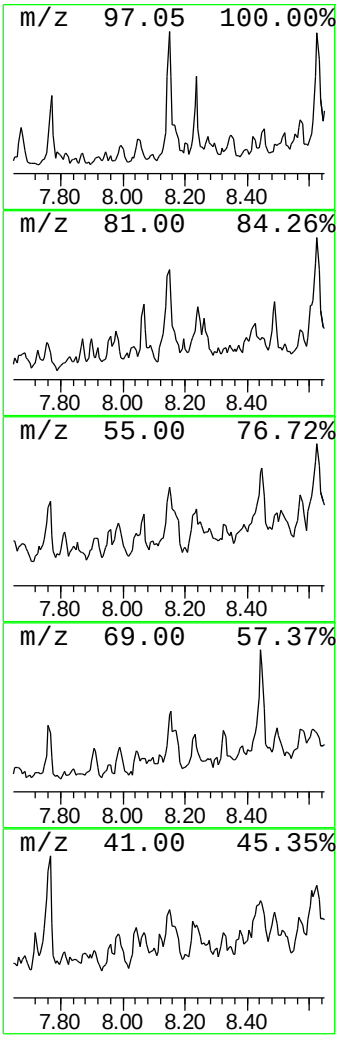
Peak Number 11 unknown8.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.98 ng	127139	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, chlorodiflu...	226	C9H13ClF2O2	1000376-25-9	47
2	trans-2-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-3	38
3	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	35
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
5	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	35





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Instrument : BNA_F
ClientSampleId : MW-17

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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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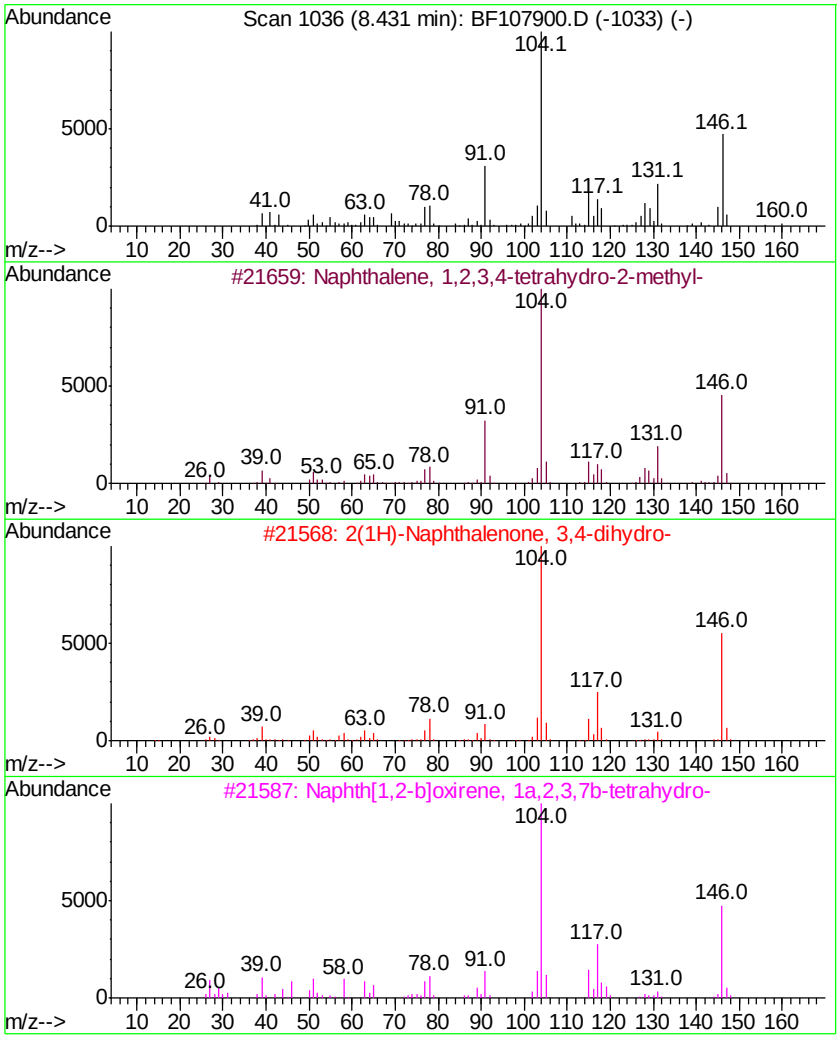
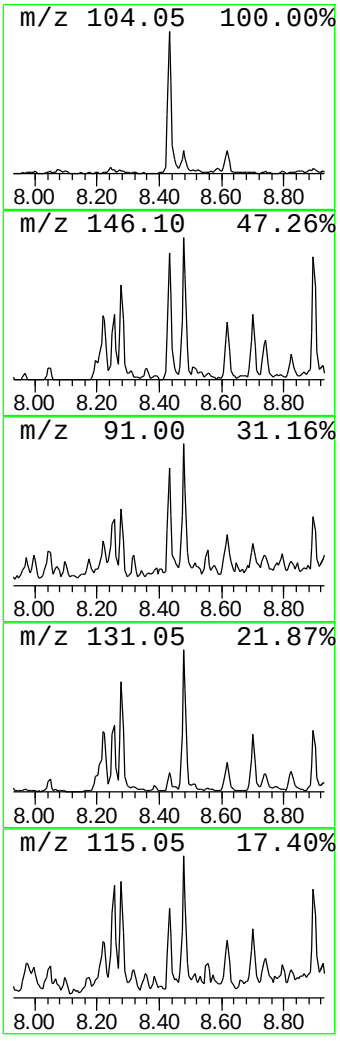
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	5.64 ng	240171	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	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	Styrene	104	C8H8	000100-42-5	27





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Instrument : BNA_F
ClientSampleId : MW-17

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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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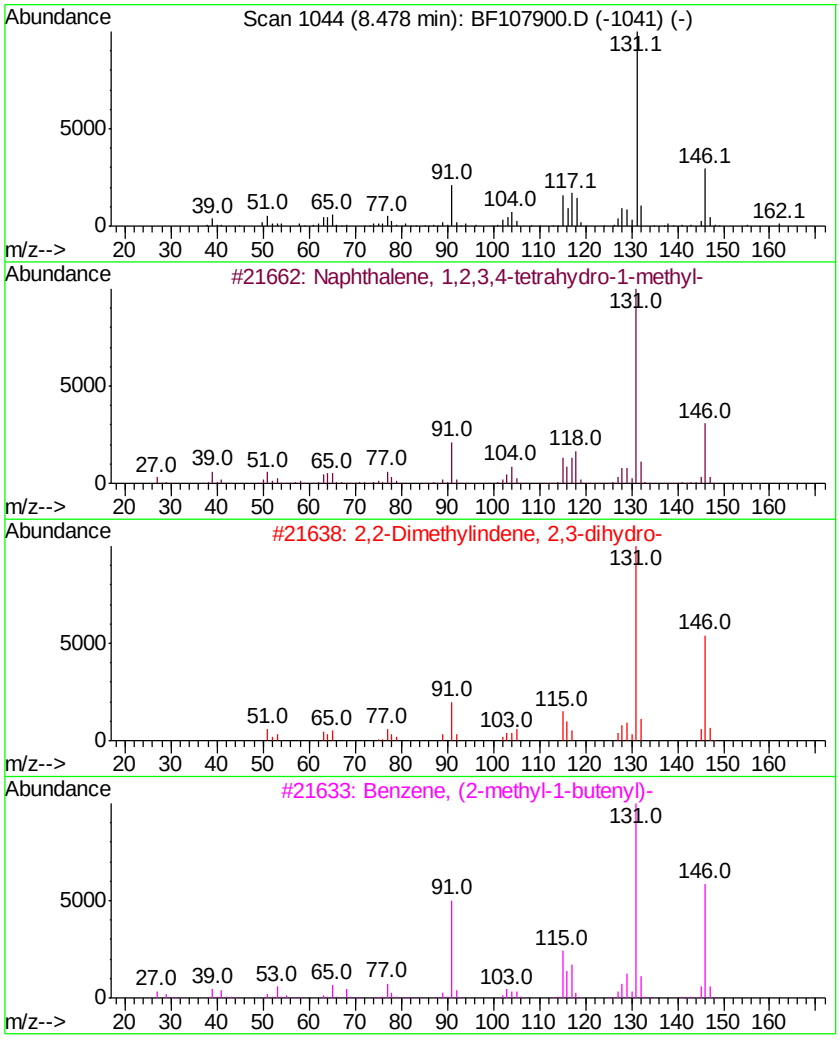
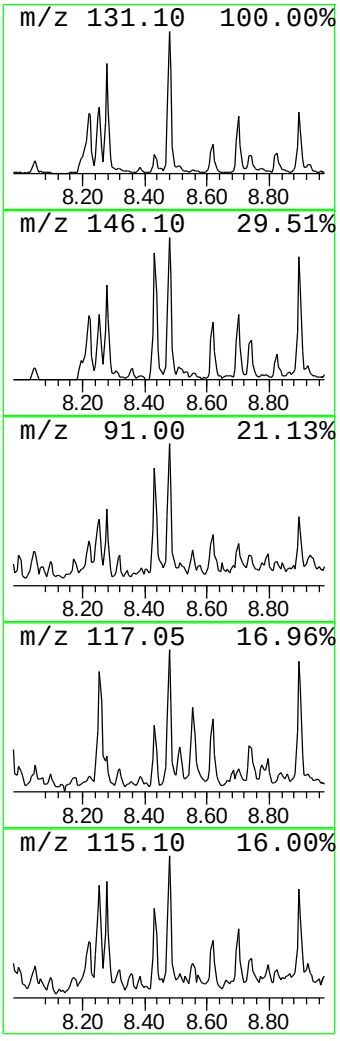
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	5.61 ng	239142	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	96
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





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Sample : J4256-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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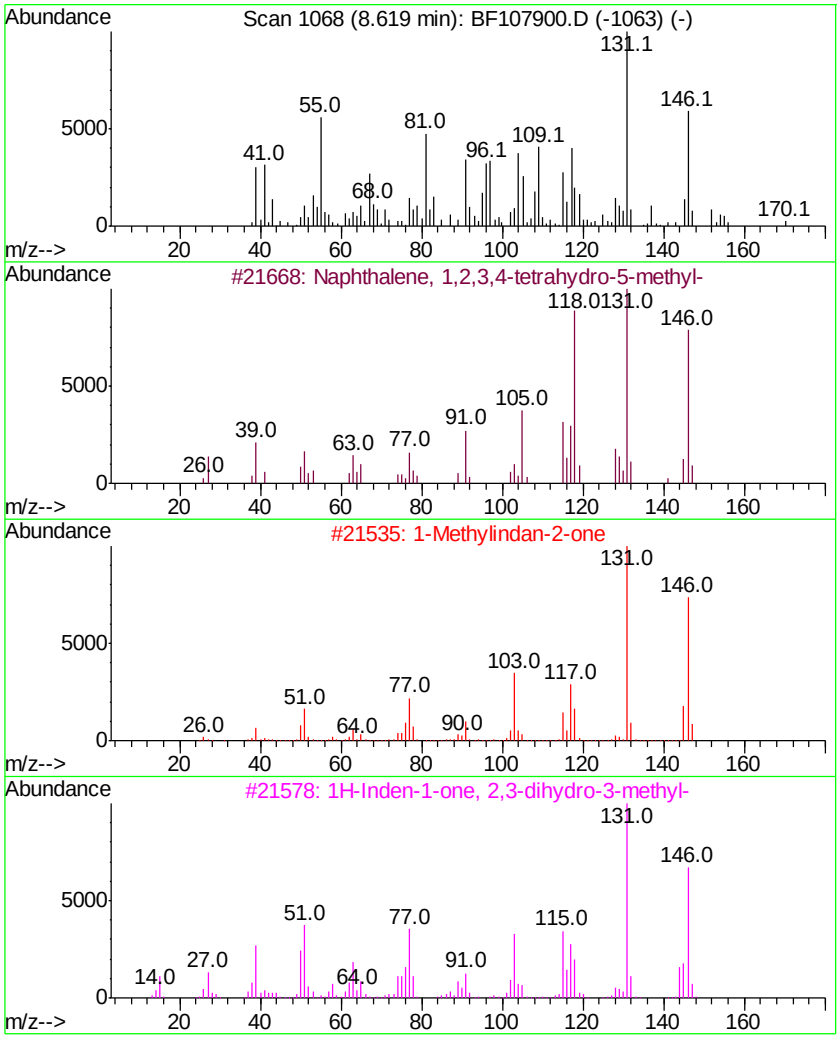
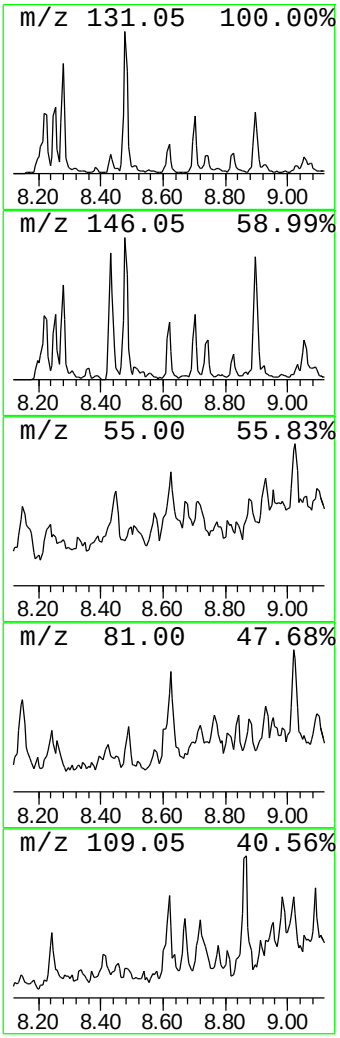
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	6.75 ng	287794	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	86
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	58
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	43





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Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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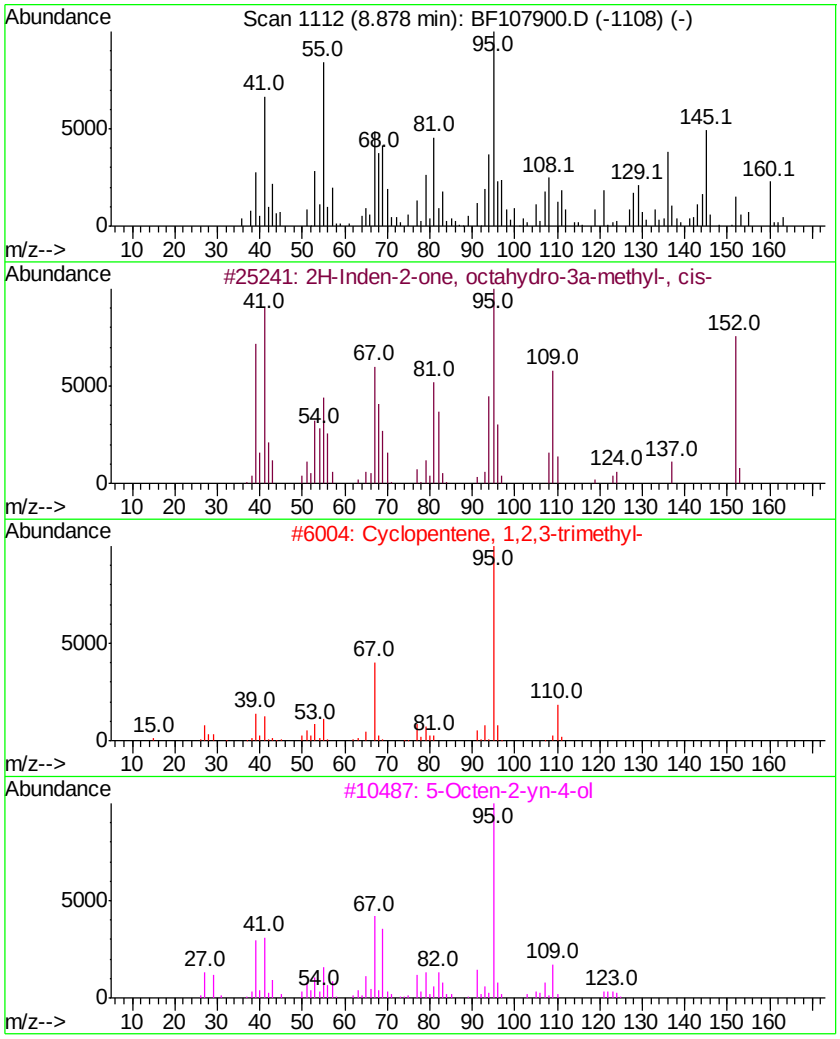
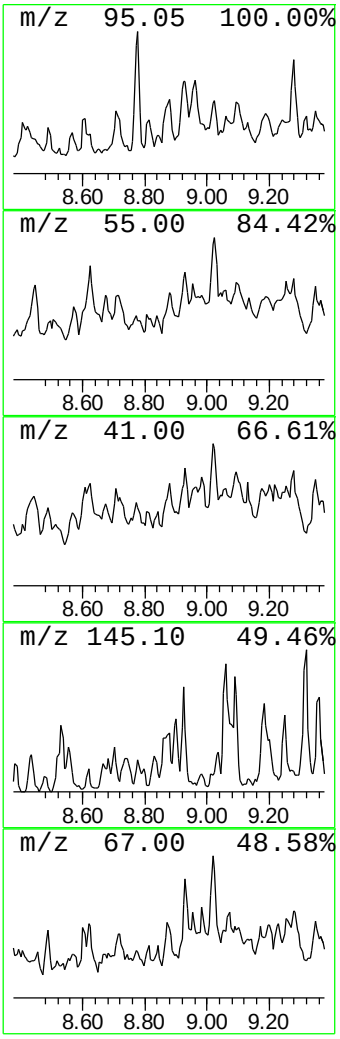
Peak Number 15 unknown8.88 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.89 ng	123130	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	43
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	30
3	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	30
4	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	27
5	Sorbic acid vinyl ester	138	C8H10O2	042739-26-4	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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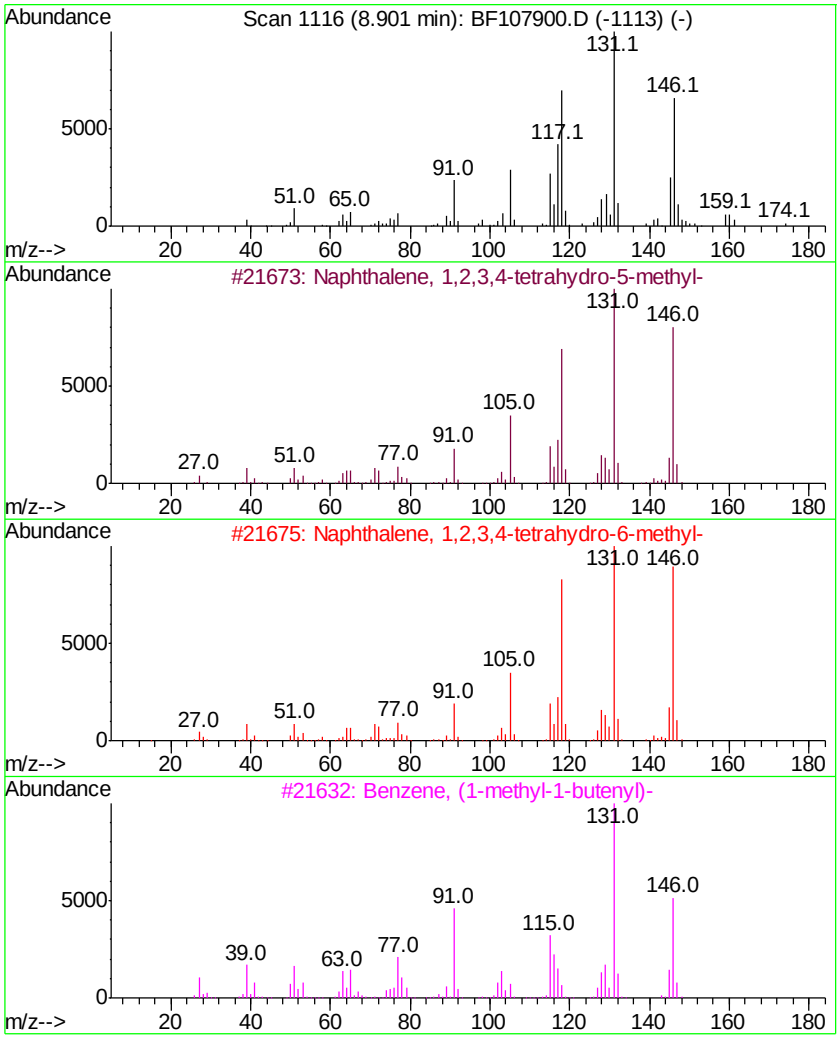
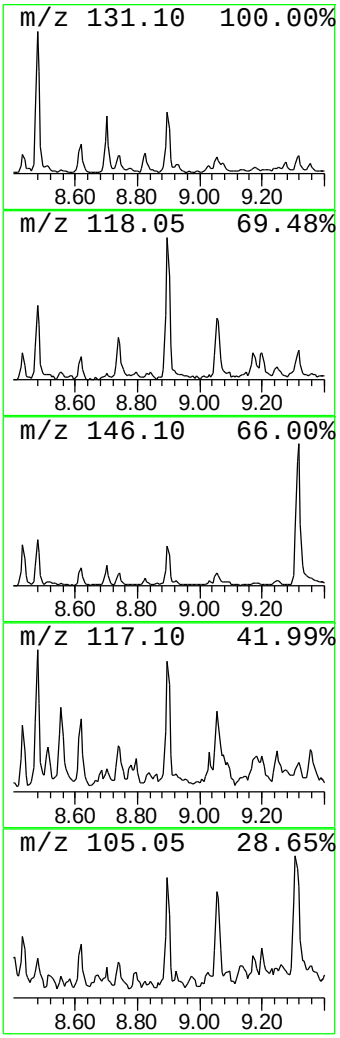
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	3.92 ng	166917	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	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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

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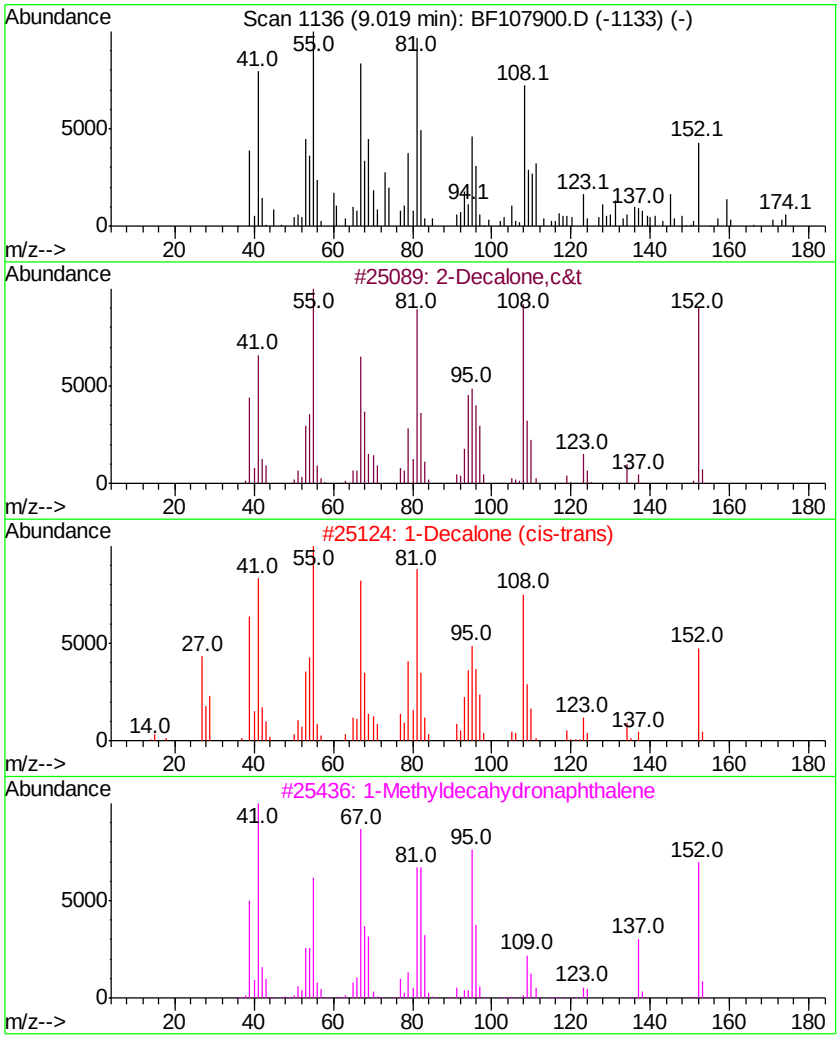
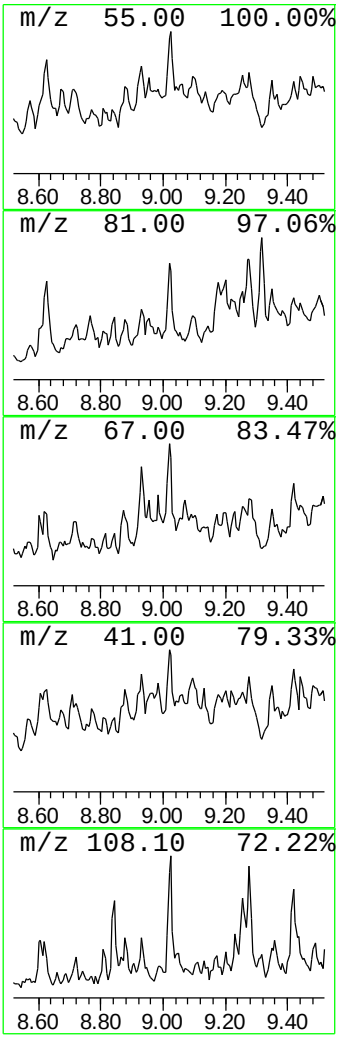
Peak Number 17 2-Decalone,c&t Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.86 ng	164423	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decalone,c&t	152	C10H16O	004832-17-1	93
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	86
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	74
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	68
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	53





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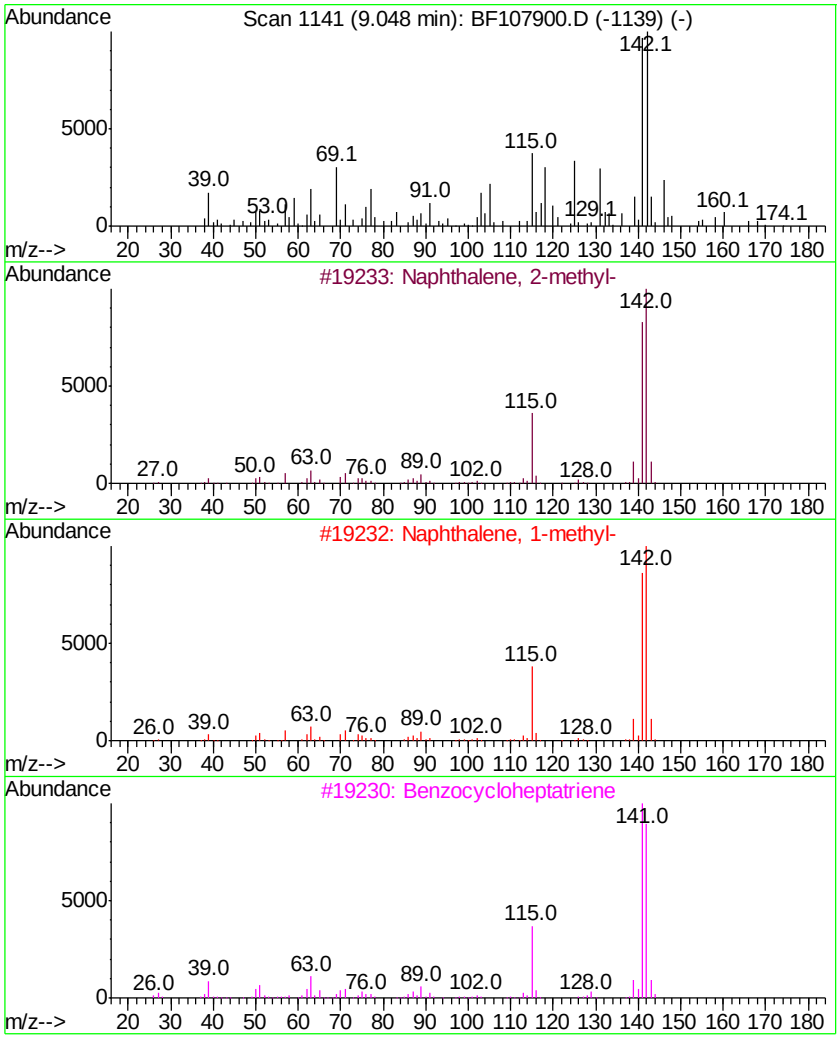
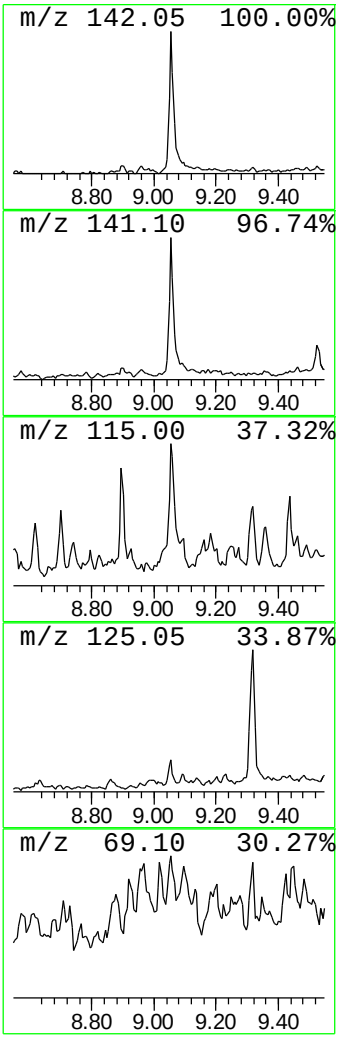
Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.02 ng	213932	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	83
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
3	Benzocycloheptatriene	142	C11H10	000264-09-5	46
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	46





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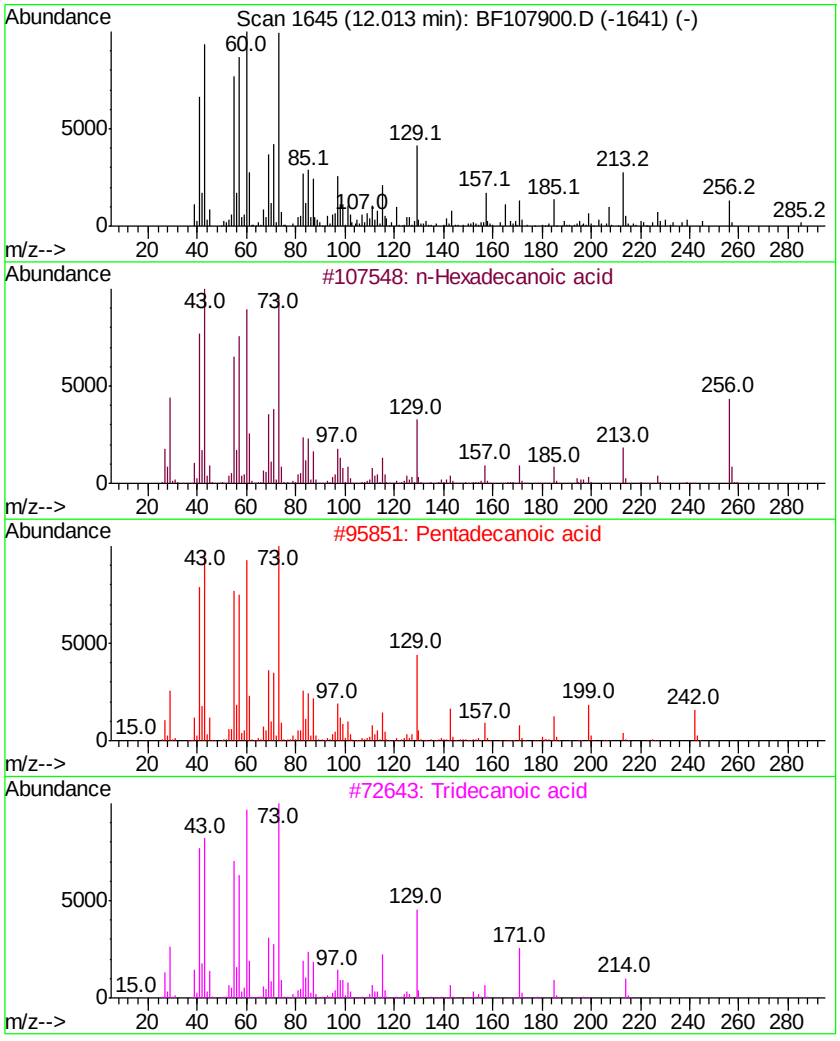
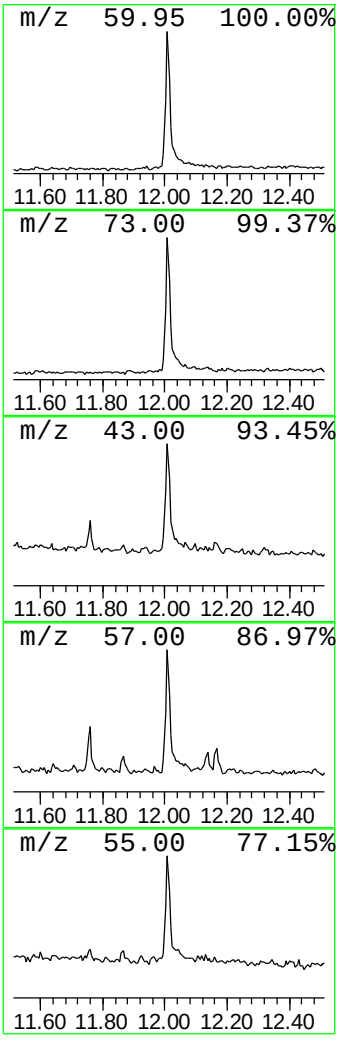
Peak Number 19 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.94 ng	371455	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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

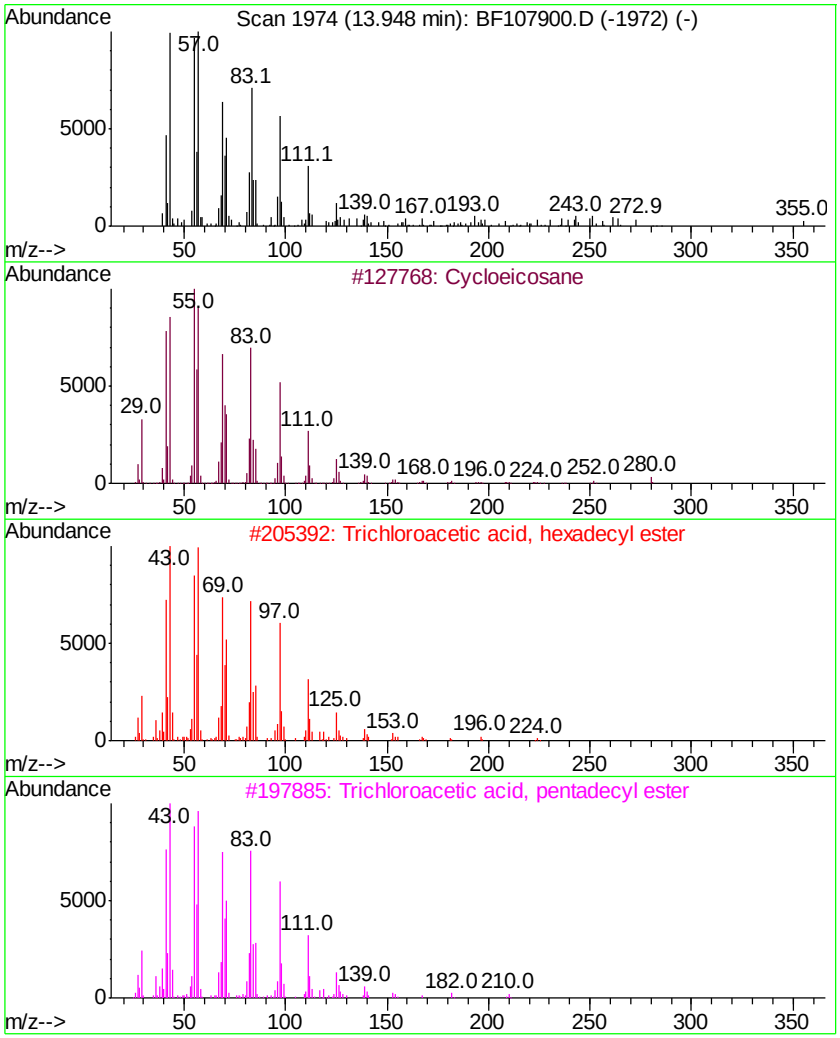
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

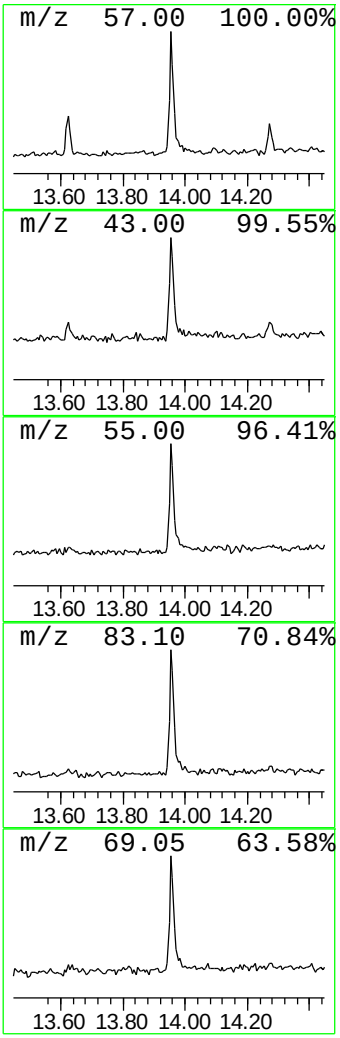
****

Peak Number 20 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.90 ng	278089	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	1-Docosene	308	C22H44	001599-67-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107900.D
Acq On : 1 Aug 2018 20:17
Operator : JU/SJ
Sample : J4256-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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	8.1	ng	301977	1	6.96	744277	20.0
unknown6.74	6.74	89.8	ng	3342970	1	6.96	744277	20.0
Benzene, 1,3-diet...	7.20	6.7	ng	248347	1	6.96	744277	20.0
Benzene, 1,2-diet...	7.29	5.8	ng	217363	1	6.96	744277	20.0
Benzene, 1,2,4,5-...	7.72	3.8	ng	163178	2	8.24	852099	20.0
Hexanoic acid, 3,...	7.77	5.6	ng	236858	2	8.24	852099	20.0
unknown7.88	7.88	3.8	ng	161429	2	8.24	852099	20.0
o-Cymene	7.98	3.4	ng	146653	2	8.24	852099	20.0
unknown8.04	8.04	3.2	ng	136510	2	8.24	852099	20.0
unknown8.15	8.15	3.0	ng	127139	2	8.24	852099	20.0
Naphthalene, 1,2,...	8.43	5.6	ng	240171	2	8.24	852099	20.0
Naphthalene, 1,2,...	8.48	5.6	ng	239142	2	8.24	852099	20.0
Naphthalene, 1,2,...	8.62	6.8	ng	287794	2	8.24	852099	20.0
unknown8.88	8.88	2.9	ng	123130	2	8.24	852099	20.0
Naphthalene, 1,2,...	8.90	3.9	ng	166917	2	8.24	852099	20.0
2-Decalone,c&t	9.02	3.9	ng	164423	2	8.24	852099	20.0
Naphthalene, 1-me...	9.05	5.0	ng	213932	2	8.24	852099	20.0
n-Hexadecanoic acid	12.01	6.9	ng	371455	4	11.50	1070530	20.0
Cycloeicosane	13.95	5.9	ng	278089	5	14.15	943126	20.0