LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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	5.195	481	486	498	rBV	165641	246075	4.51%	0.541%
2	5.595	551	554	575	rBV	975758	1915447	35.13%	4.212%
3	6.484	702	705	710	rBV2	48524	58476	1.07%	0.129%
4	6.548	710	716	721	rVB2	52090	67761	1.24%	0.149%
5	6.601	721	725	744	rBV	535677	1380176	25.31%	3.035%
6	6.736	744	748	763	rBV	2950673	3936330	72.19%	8.656%
7	6.960	783	786	793	rBV	519213	861221	15.79%	1.894%
8	7.119	808	813	824	rBV	3007694	3808611	69.85%	8.375%
9	7.201	824	827	836	rVV3	140556	263478	4.83%	0.579%
10	7.289	840	842	848	rVV2	108363	112148	2.06%	0.247%
11	7.348	848	852	860	rVB	101458	132125	2.42%	0.291%
12	7.483	870	875	879	rBV	306618	324736	5.96%	0.714%
13	7.531	879	883	891	rBV	2048698	2892439	53.05%	6.360%
14	7.595	891	894	898	rVB2	169398	227051	4.16%	0.499%
15	7.636	898	901	903	rBV	101489	88213	1.62%	0.194%
16	7.719	913	915	917	rBV	160210	124804	2.29%	0.274%
17	7.742	917	919	926	rVB	324923	418821	7.68%	0.921%
18	7.830	930	934	939	rVB3	76965	130792	2.40%	0.288%
19	7.883	939	943	946	rBV2	222983	269421	4.94%	0.592%
20	7.919	946	949	951	rVB2	66933	61863	1.13%	0.136%
21	7.972	951	958	960	rBV	443855	472424	8.66%	1.039%
22	7.995	960	962	966	rVB	200551	191228	3.51%	0.420%
23	8.048	966	971	973	rBV2	151880	227253	4.17%	0.500%
24	8.101	977	980	983	rVB	116869	117786	2.16%	0.259%
25	8.178	989	993	995	rBV4	93614	108381	1.99%	0.238%
26	8.219	997	1000	1002	rVV	239930	291399	5.34%	0.641%
27	8.242	1002	1004	1008	rVV	1147914	1374037	25.20%	3.021%
28	8.278	1008	1010	1013	rVV2	348675	352829	6.47%	0.776%
29	8.319	1013	1017	1020	rVV2	143172	168569	3.09%	0.371%
30	8.360	1021	1024	1026	rVV	75841	66230	1.21%	0.146%
31	8.383	1026	1028	1031	rVV	121007	104225	1.91%	0.229%
32	8.430	1034	1036	1040	rVB2	227120	190841	3.50%	0.420%
33	8.477	1040	1044	1048	rBV2	220096	277254	5.08%	0.610%
34	8.513	1048	1050	1055	rVB3	116470	153540	2.82%	0.338%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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	8.619	1064	1068	1070	rBV2	105011	106667	1.96%	0.235%
36	8.672	1074	1077	1078	rBV2	63009	71410	1.31%	0.157%
37	8.701	1079	1082	1086	rBV3	104722	94631	1.74%	0.208%
38	8.736	1086	1088	1093	rBV3	242783	237519	4.36%	0.522%
39	8.842	1101	1106	1107	rBV4	60132	97236	1.78%	0.214%
40	8.895	1112	1115	1118	rVV	391724	375498	6.89%	0.826%
41	8.925	1118	1120	1124	rVB2	106095	90470	1.66%	0.199%
42	8.966	1124	1127	1131	rBV5	34619	59203	1.09%	0.130%
43	9.054	1139	1142	1145	rBV2	284117	302883	5.55%	0.666%
44	9.177	1159	1163	1165	rVV3	109680	135933	2.49%	0.299%
45	9.201	1165	1167	1172	rVB2	94206	104383	1.91%	0.230%
46	9.242	1172	1174	1177	rBV2	120808	132664	2.43%	0.292%
47	9.319	1182	1187	1196	rBV	4611609	5452594	100.00%	11.990%
48	9.419	1201	1204	1206	rVV	193589	204721	3.75%	0.450%
49	9.460	1209	1211	1214	rVV	132895	127974	2.35%	0.281%
50	9.489	1214	1216	1220	rVB5	47276	60945	1.12%	0.134%
51	9.583	1229	1232	1235	rBV2	58554	85875	1.57%	0.189%
52	9.619	1235	1238	1240	rVV3	86112	114831	2.11%	0.253%
53	9.654	1241	1244	1247	rVV2	177770	309288	5.67%	0.680%
54	9.707	1250	1253	1260	rVB	496079	574770	10.54%	1.264%
55	9.813	1268	1271	1275	rVB2	186236	185199	3.40%	0.407%
56	9.889	1282	1284	1292	rVB5	90825	192189	3.52%	0.423%
57	10.001	1299	1303	1310	rBV	1421997	1505565	27.61%	3.311%
58	10.054	1310	1312	1315	rBV2	55521	65993	1.21%	0.145%
59	10.307	1352	1355	1359	rBV3	153530	167004	3.06%	0.367%
60	10.671	1413	1417	1423	rBV4	95336	211860	3.89%	0.466%
61	10.742	1424	1429	1434	rVV	669131	1001141	18.36%	2.201%
62	10.795	1434	1438	1447	rVB	2580801	3210276	58.88%	7.059%
63	11.030	1476	1478	1485	rVB3	53208	72474	1.33%	0.159%
64	11.360	1531	1534	1540	rVB6	72787	116318	2.13%	0.256%
65	11.495	1553	1557	1565	rBV	1082570	1279378	23.46%	2.813%
66	12.001	1640	1643	1653	rBV2	358826	443993	8.14%	0.976%
67	12.789	1774	1777	1782	rBV	134176	146819	2.69%	0.323%
68	12.877	1789	1792	1796	rVB	138797	120665	2.21%	0.265%
69	13.077	1822	1826	1837	rBV	3601983	3934835	72.16%	8.652%
70	13.583	1909	1912	1915	rVB	88118	71497	1.31%	0.157%
71	13.954	1972	1975	1979	rBV	109649	103926	1.91%	0.229%

LSC Area Percent Report

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Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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	14.142	2003	2007	2021	rBV	928979	1114110	20.43%	2.450%
73	14.895	2132	2135	2140	rVB	58892	63281	1.16%	0.139%
74	15.248	2192	2195	2200	rVB	63740	77763	1.43%	0.171%
75	15.671	2260	2267	2279	rBV	648512	1146592	21.03%	2.521%
76	16.106	2338	2341	2349	rVB3	62398	90959	1.67%	0.200%

Sum of corrected areas: 45477316

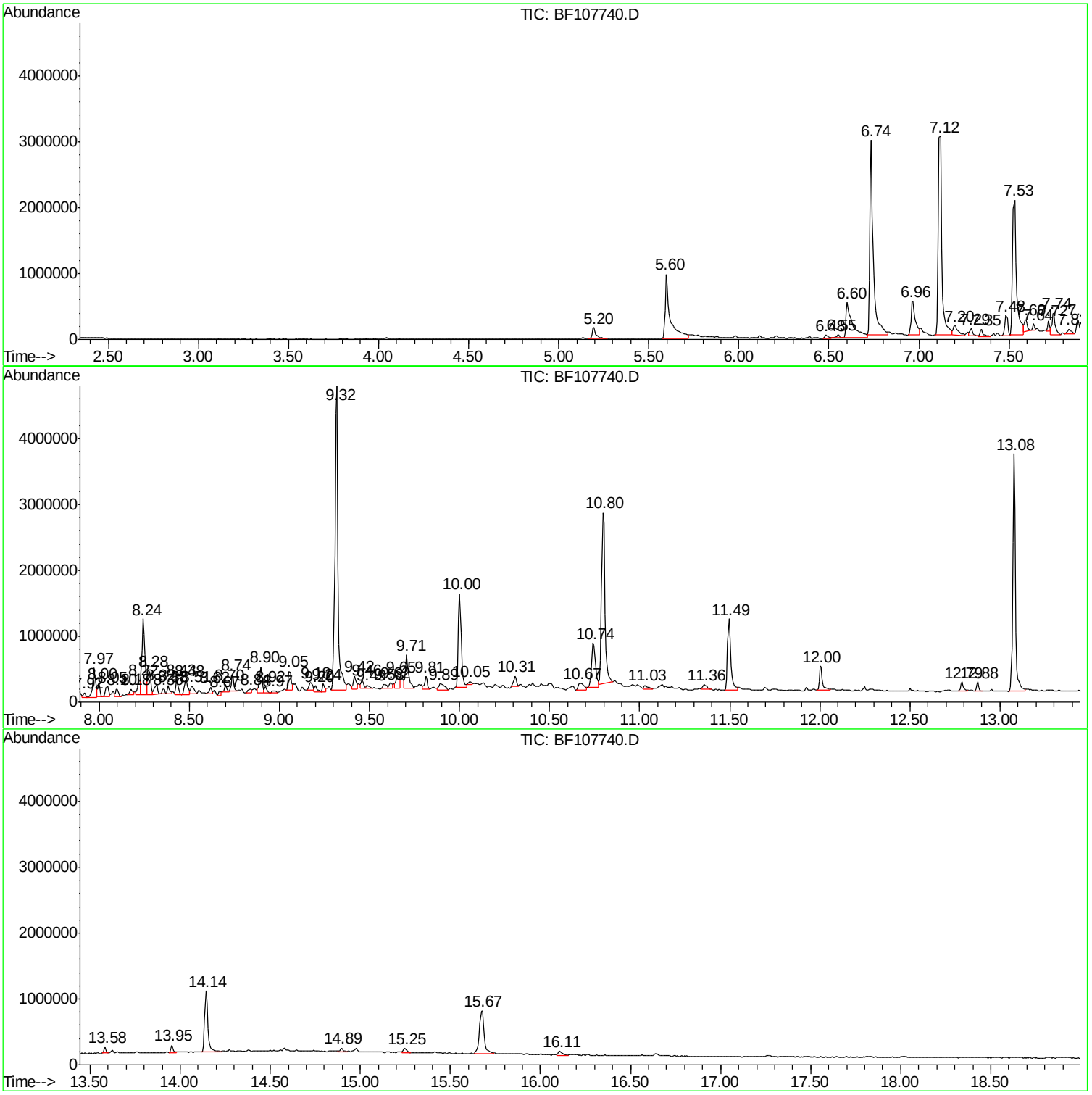
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-26

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 : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-26

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

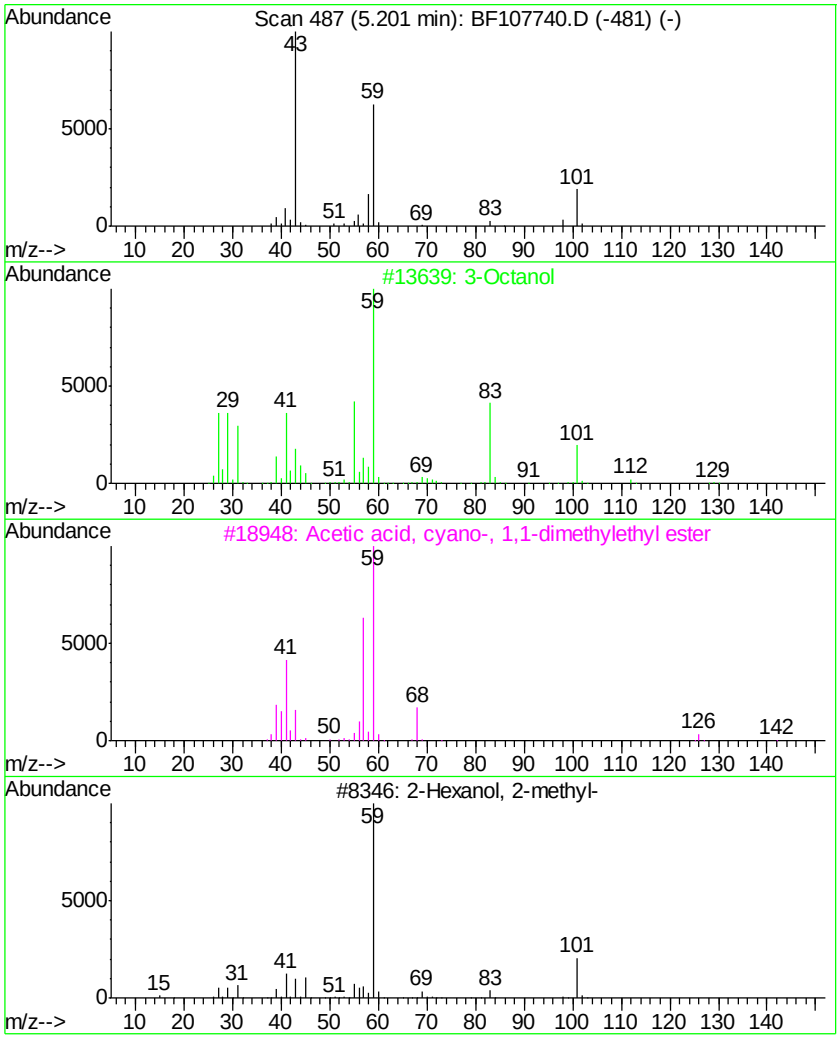
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

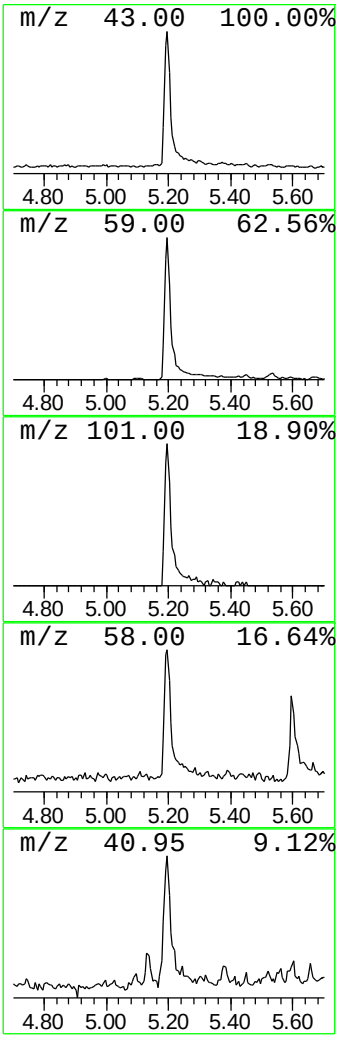
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.71 ng	246075	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	33
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

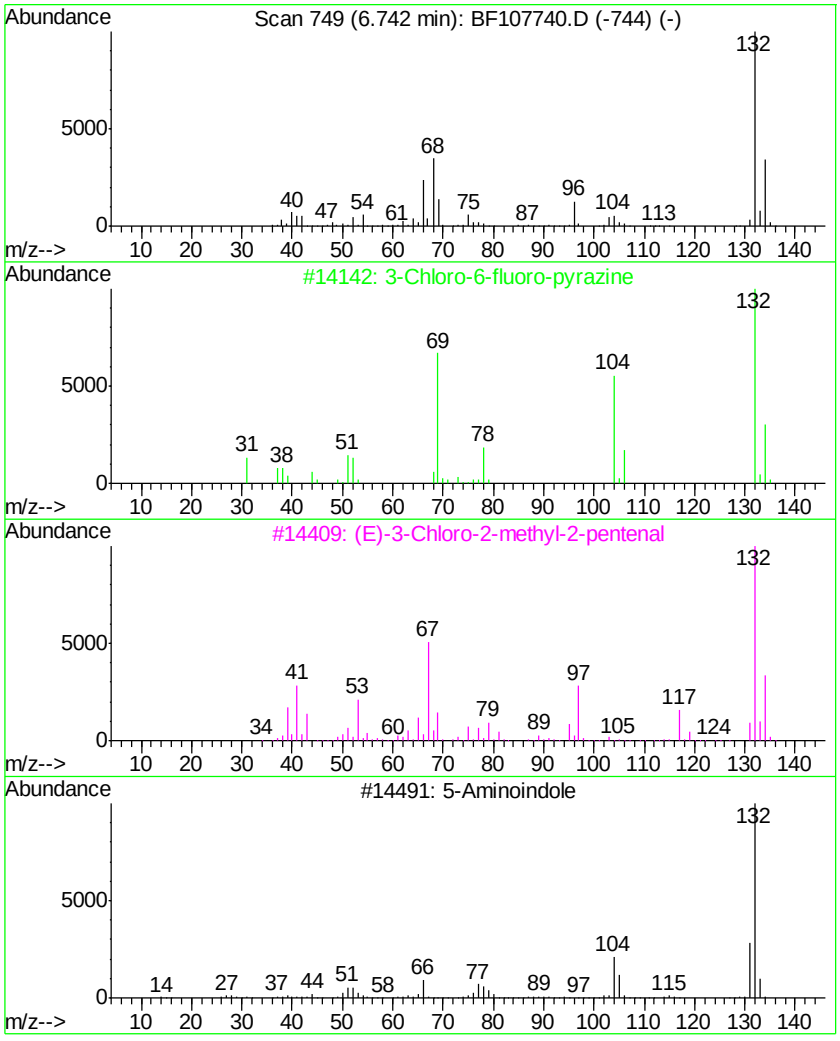
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

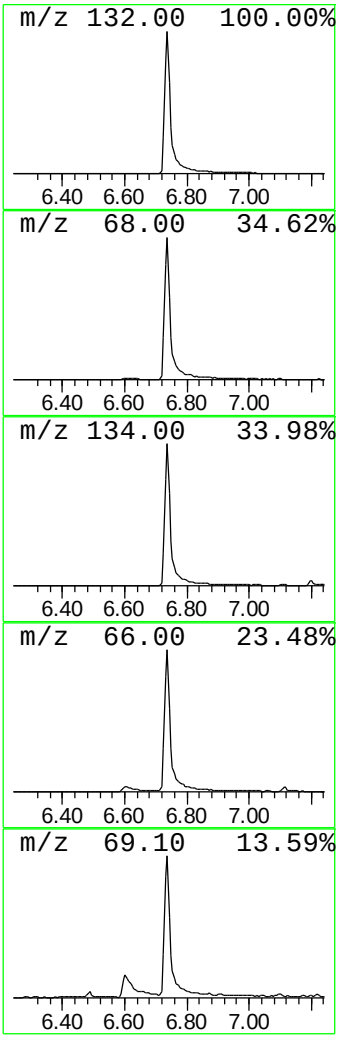
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	91.41 ng	3936330	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

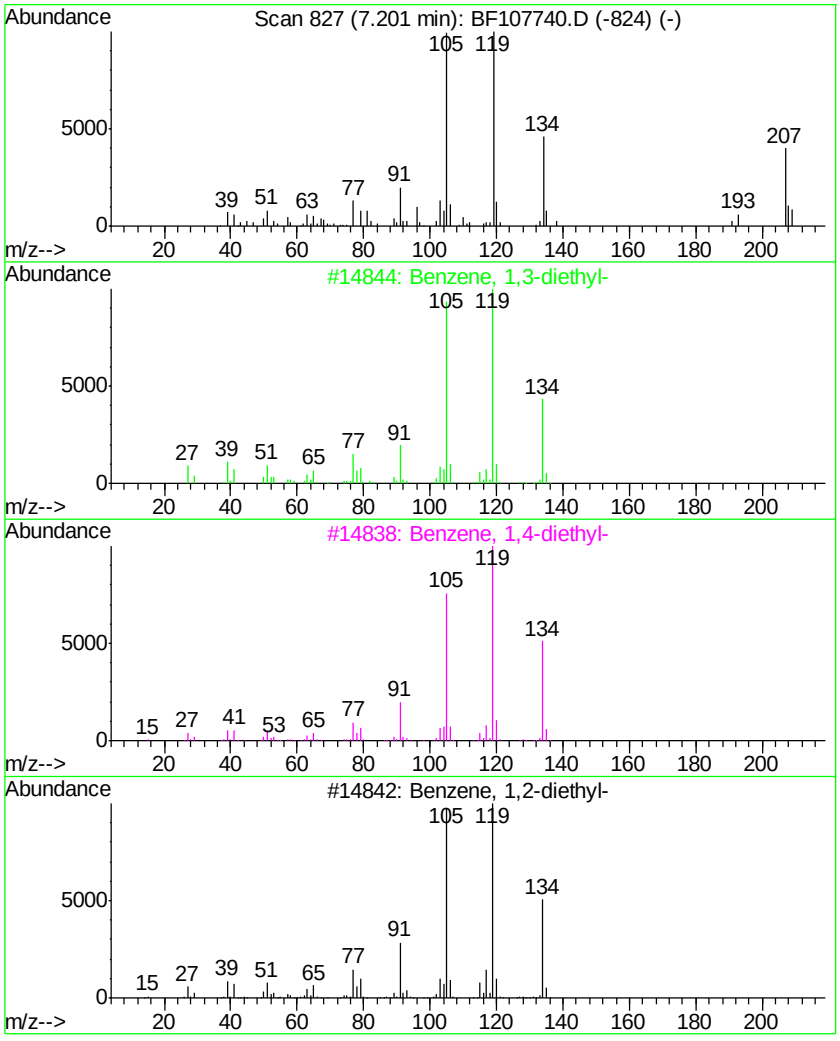
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

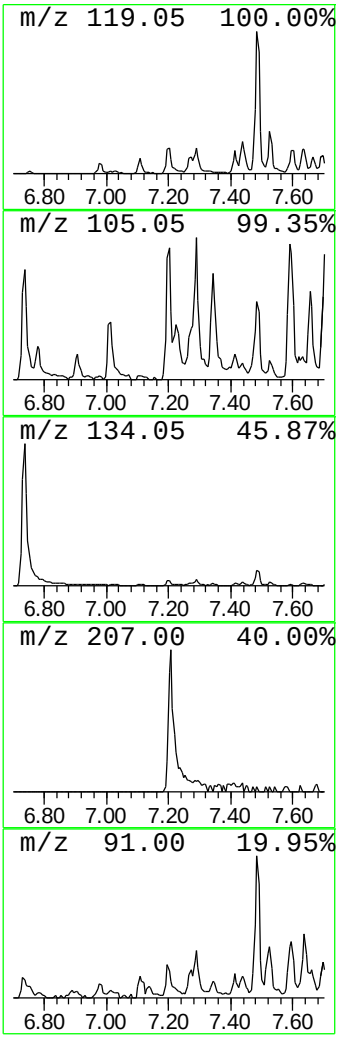
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	6.12 ng	263478	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	92
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5	o-Cymene	134	C10H14	000527-84-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

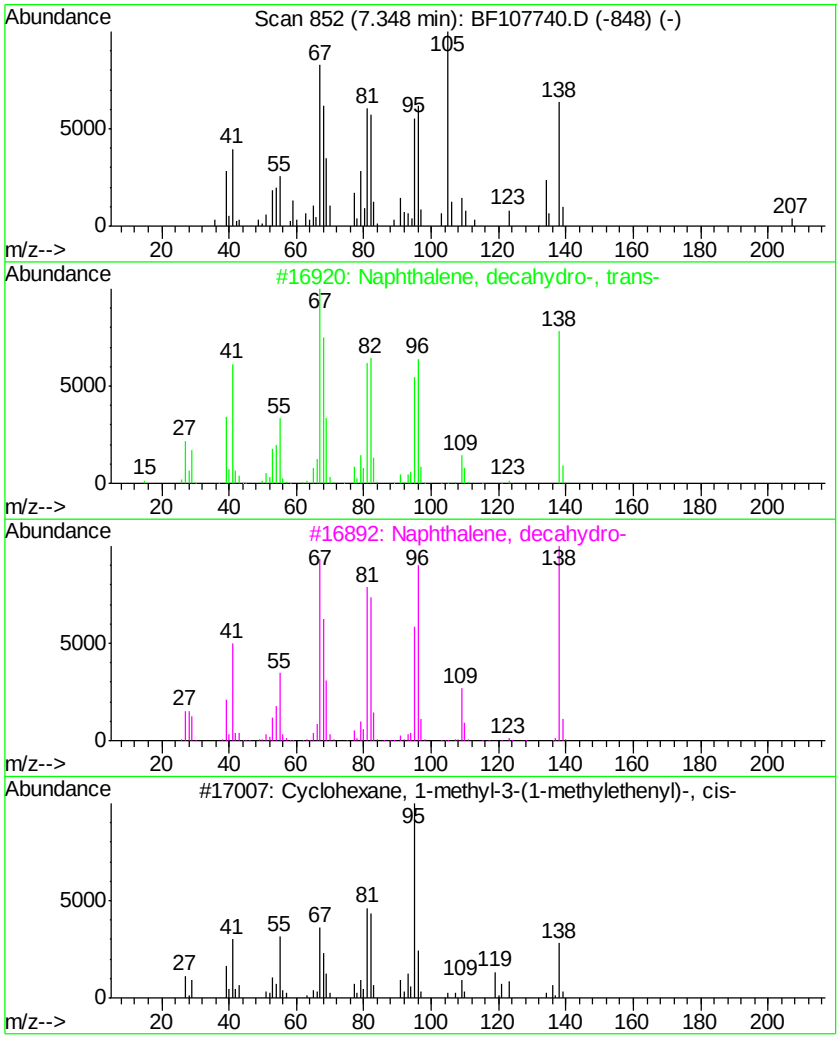
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

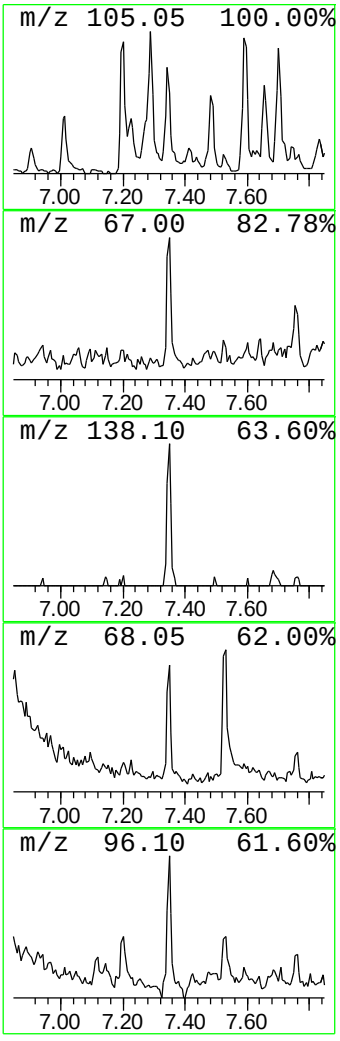
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	3.07 ng	132125	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	90
4	Spiro[4.5]decane	138	C10H18	000176-63-6	90
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

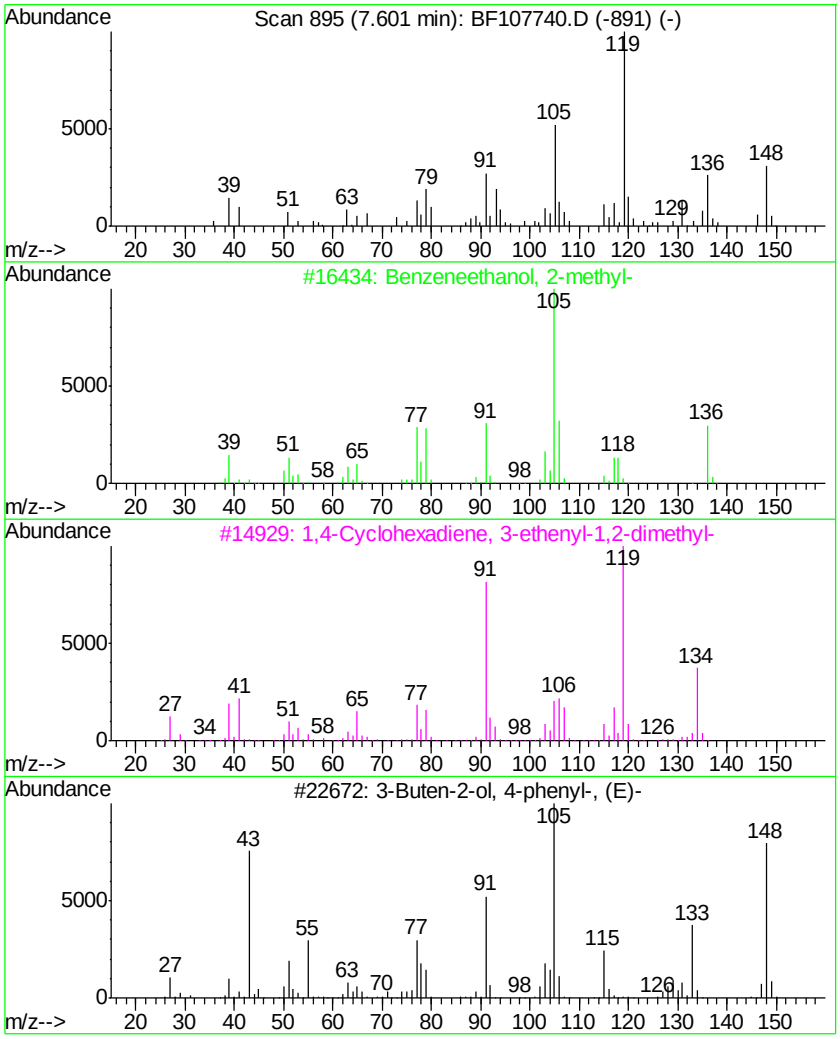
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

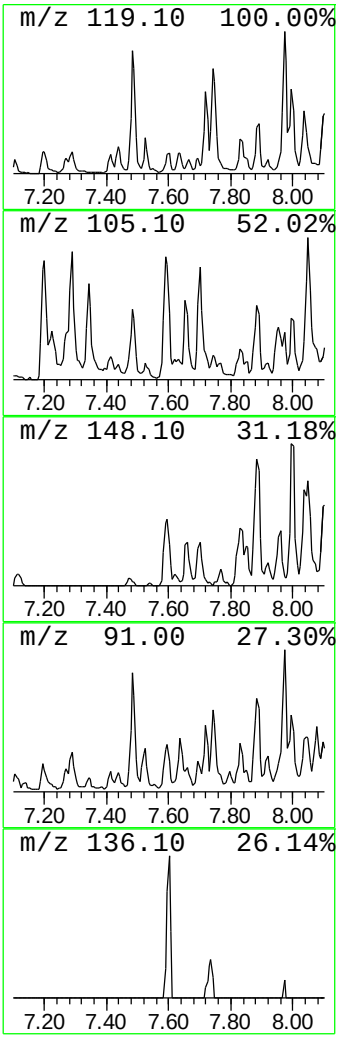
****

Peak Number 6 Benzeneethanol, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.27 ng	227051	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	53
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	30
3	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	30
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	25
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

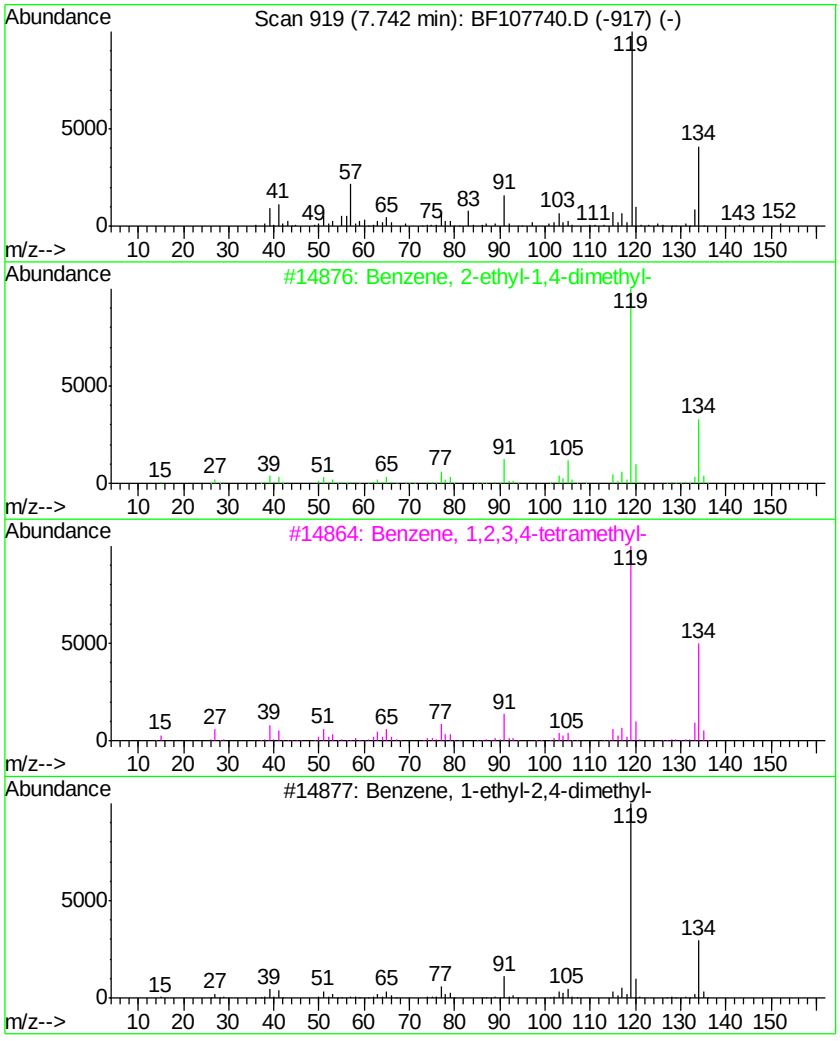
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

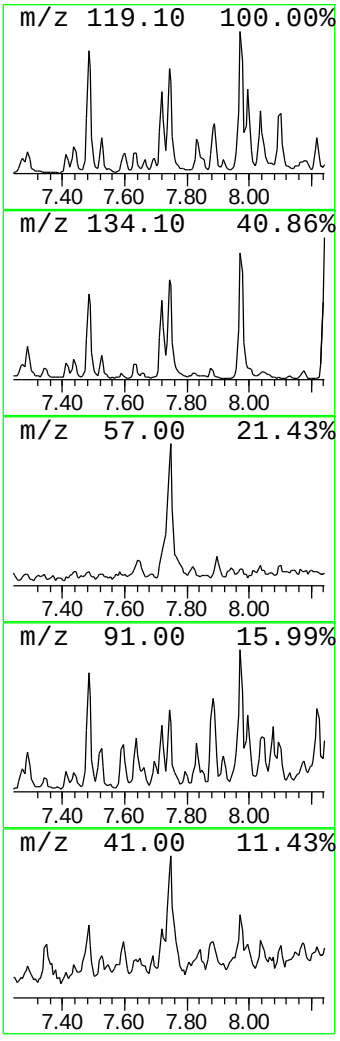
****

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	6.10 ng	418821	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





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Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

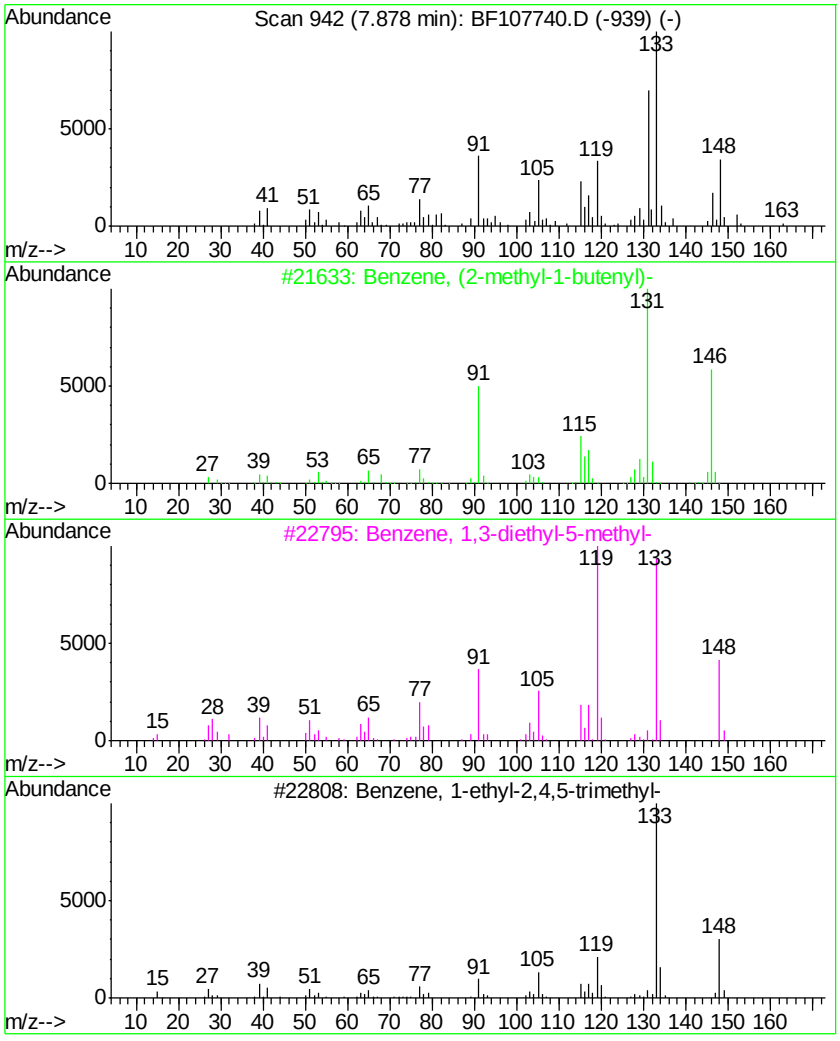
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

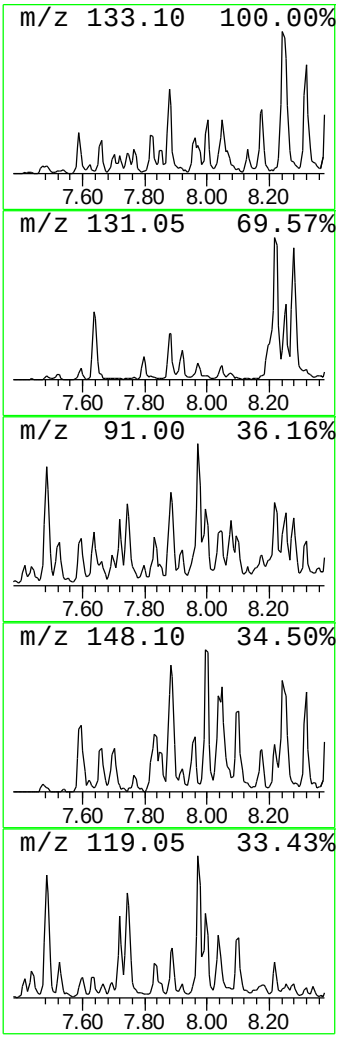
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.92 ng	269421	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	72
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	41
5	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	38





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

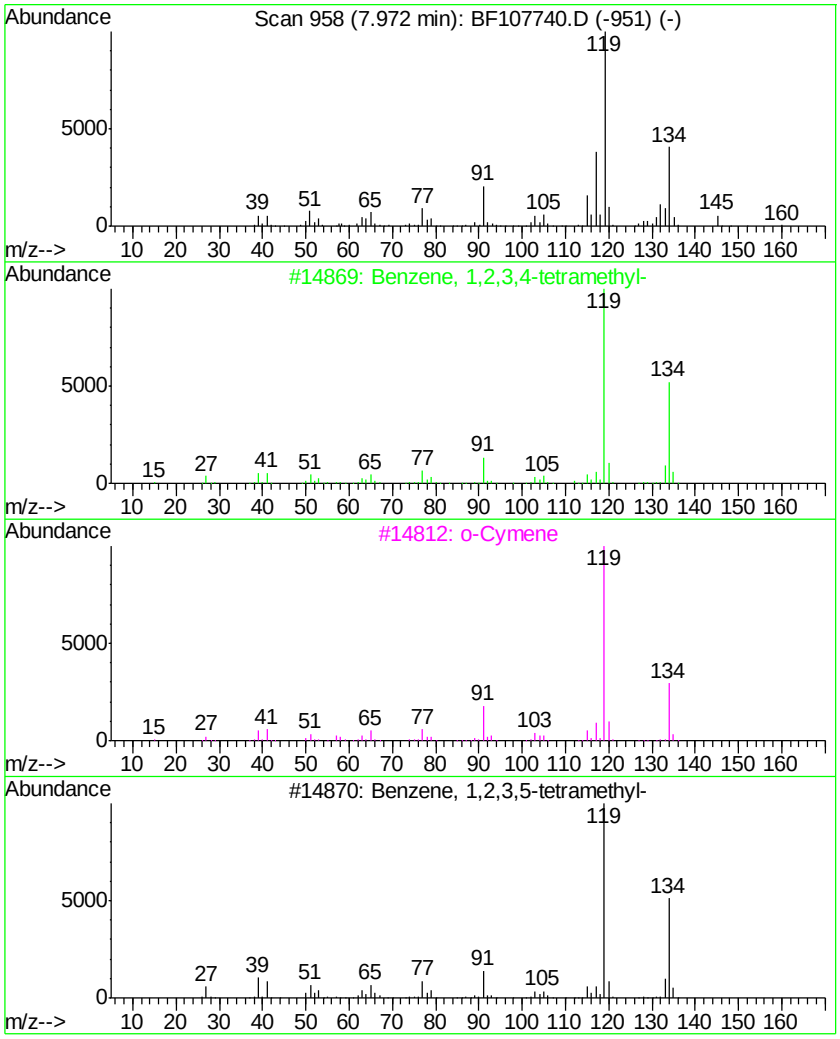
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

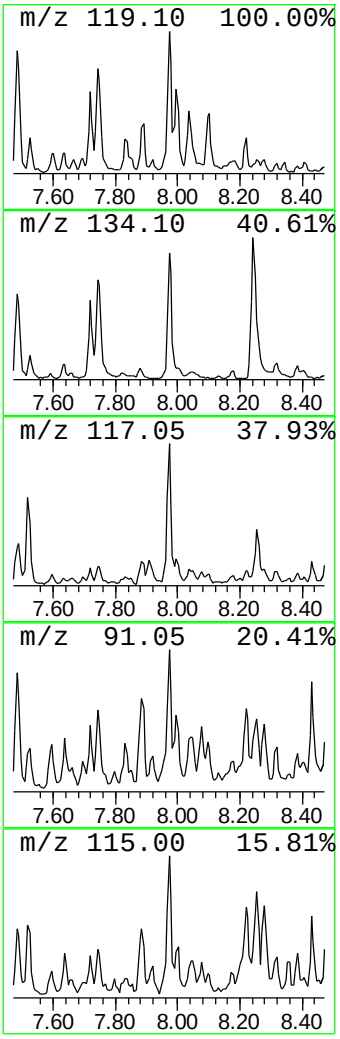
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	6.88 ng	472424	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	81
2	o-Cymene	134	C10H14	000527-84-4	81
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

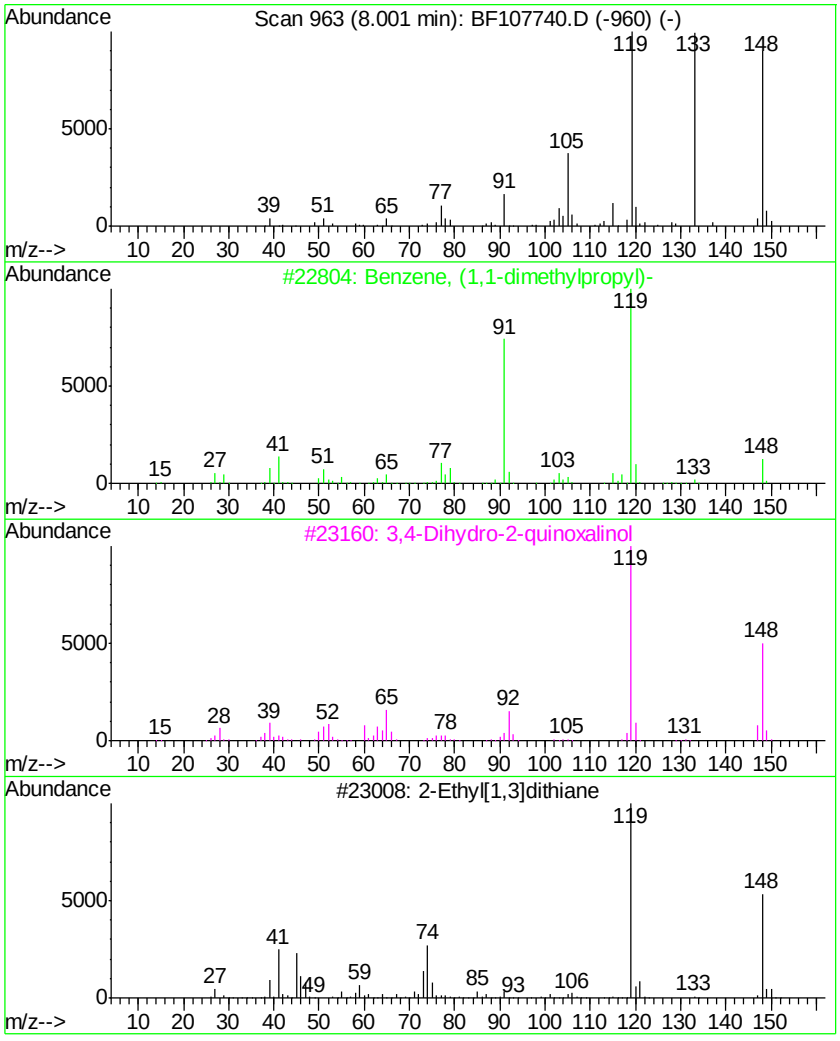
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

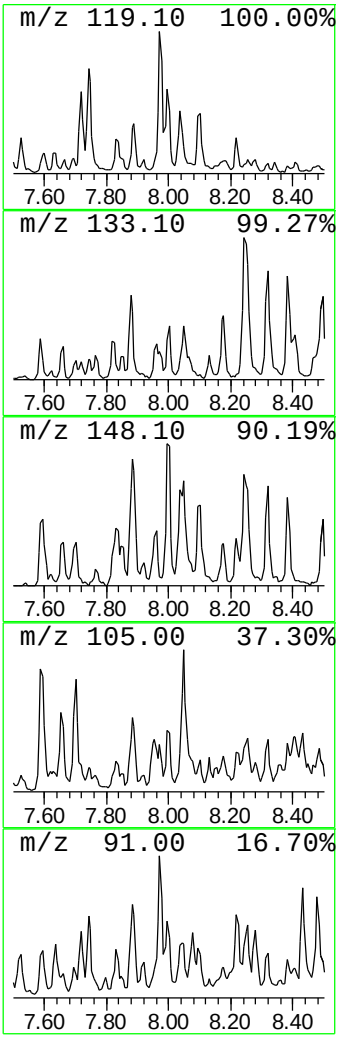
****

Peak Number 10 Benzene, (1,1-dimethylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.78 ng	191228	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
2	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	53
3	2-Ethyl[1,3]dithiane	148	C6H12S2	006007-23-4	50
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

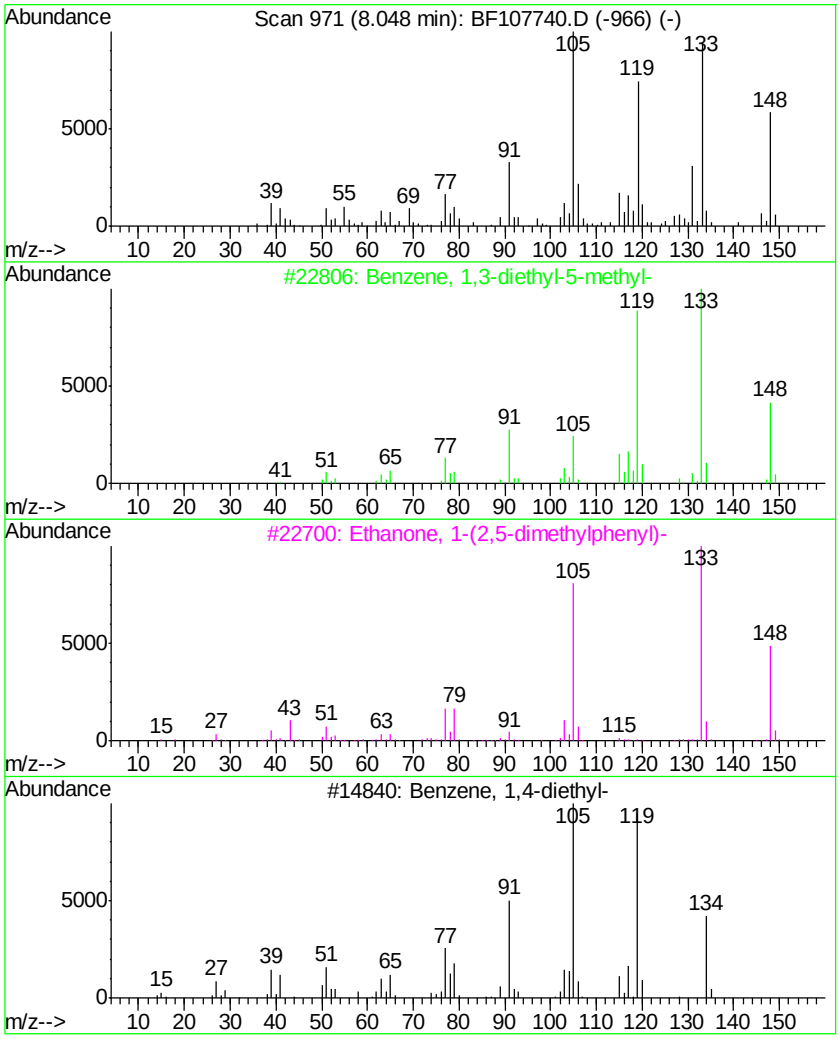
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

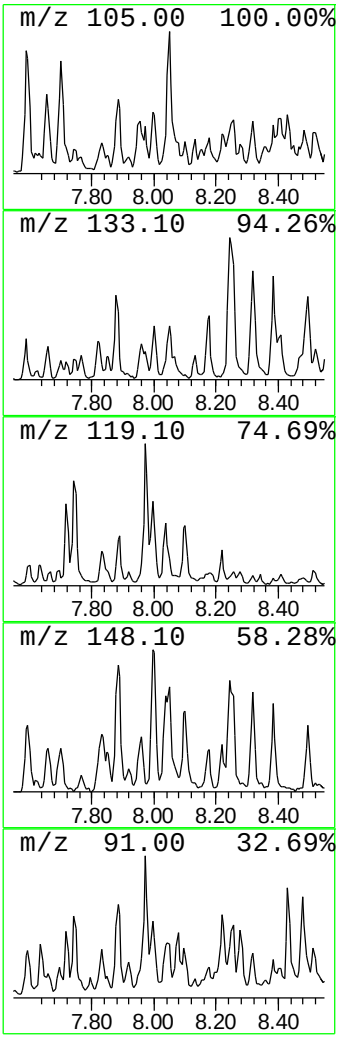
****

Peak Number 11 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	3.31 ng	227253	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	46
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	43





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

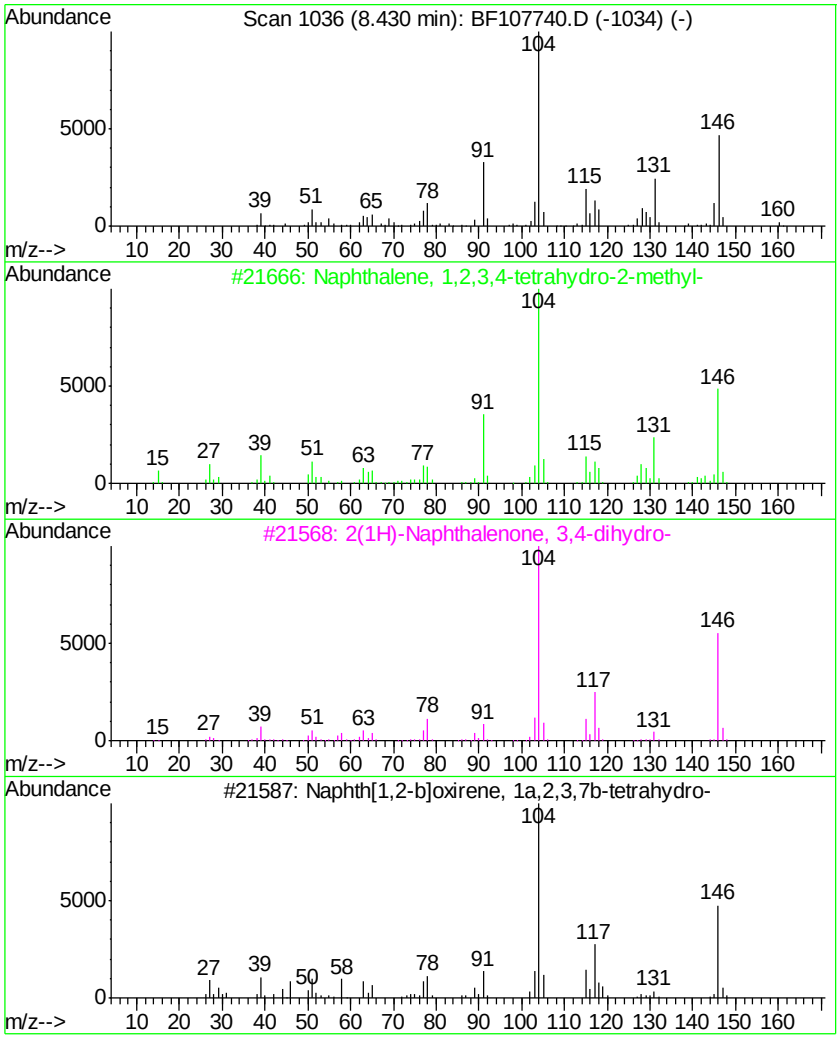
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

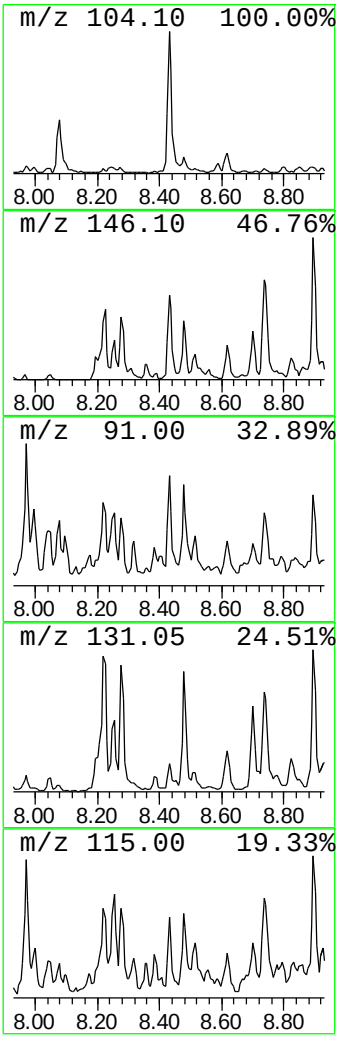
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.78 ng	190841	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	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	4-Cyanobenzoic acid, 2-phenyleth...	251	C16H13NO2	131786-46-4	27





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

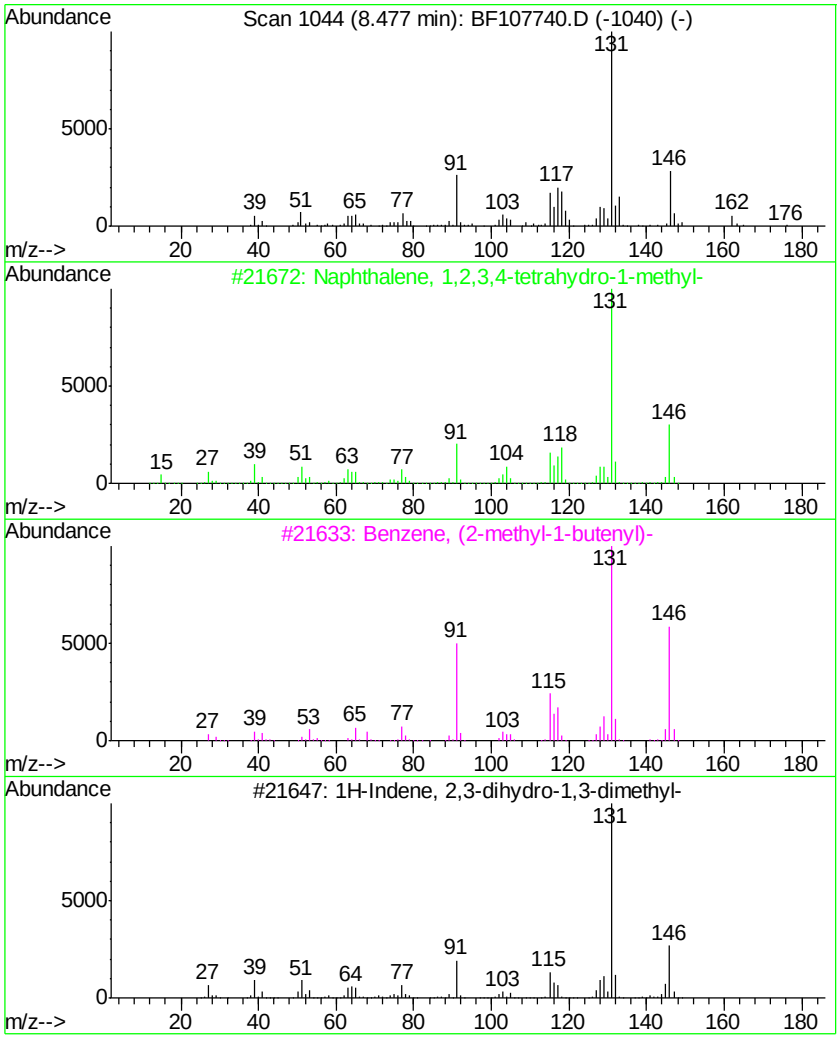
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

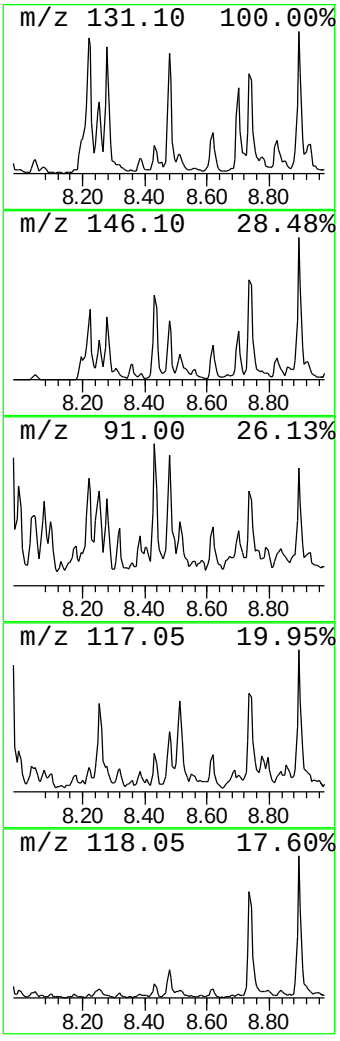
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	4.04 ng	277254	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	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76





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Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

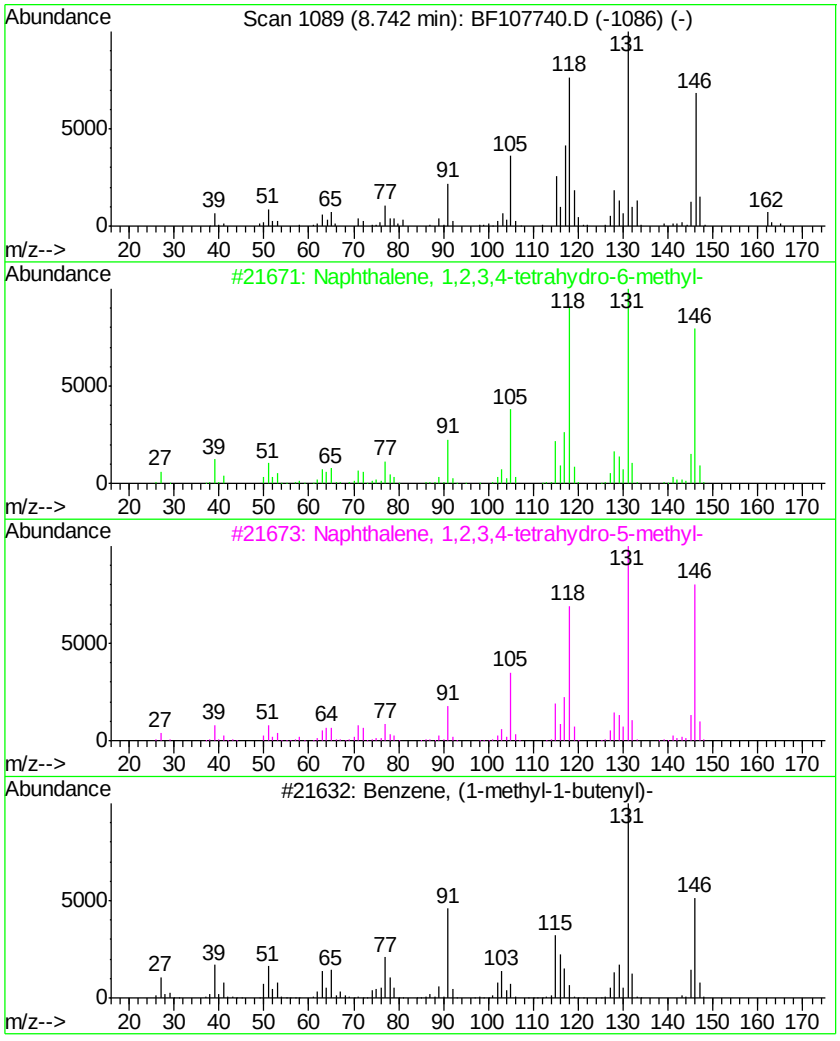
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

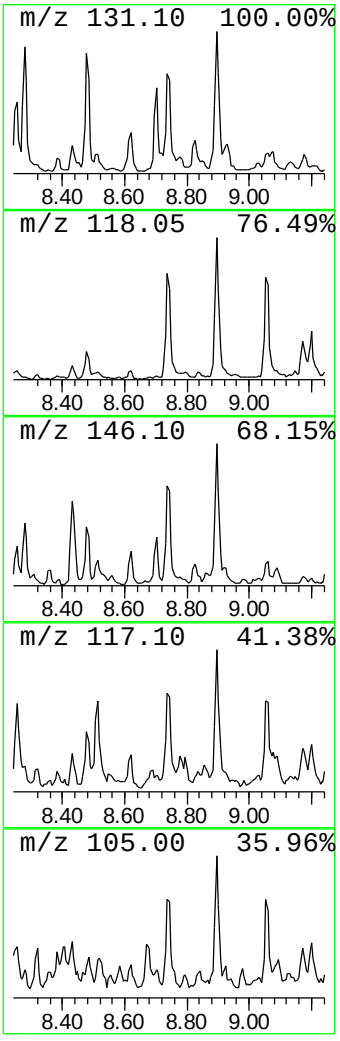
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.46 ng	237519	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	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

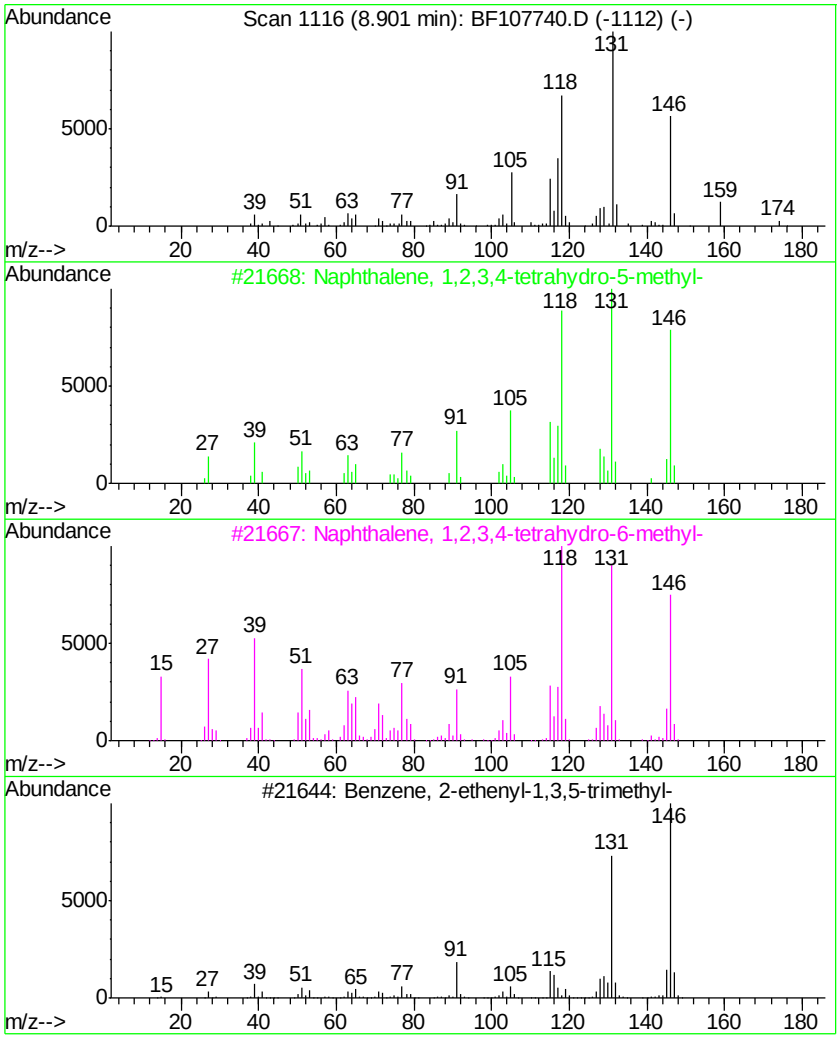
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

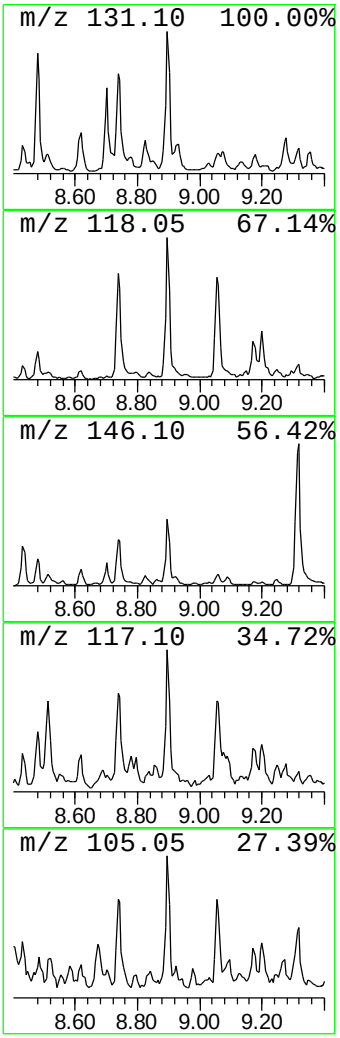
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.47 ng	375498	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	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55





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Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

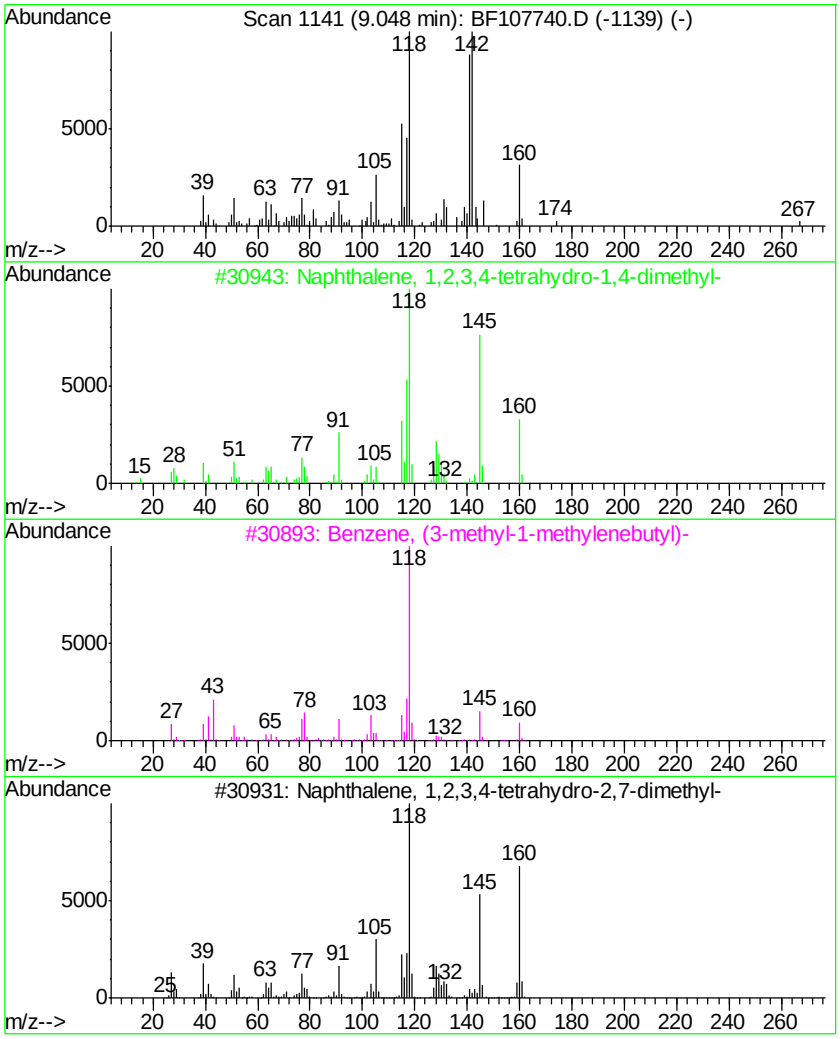
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

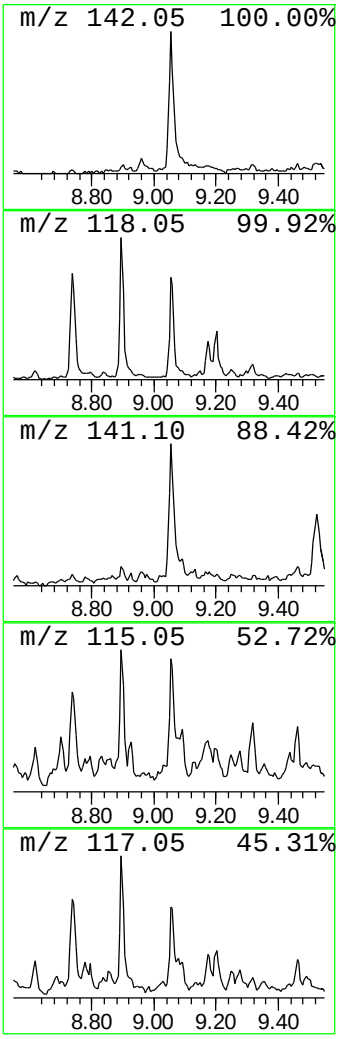
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.41 ng	302883	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	41
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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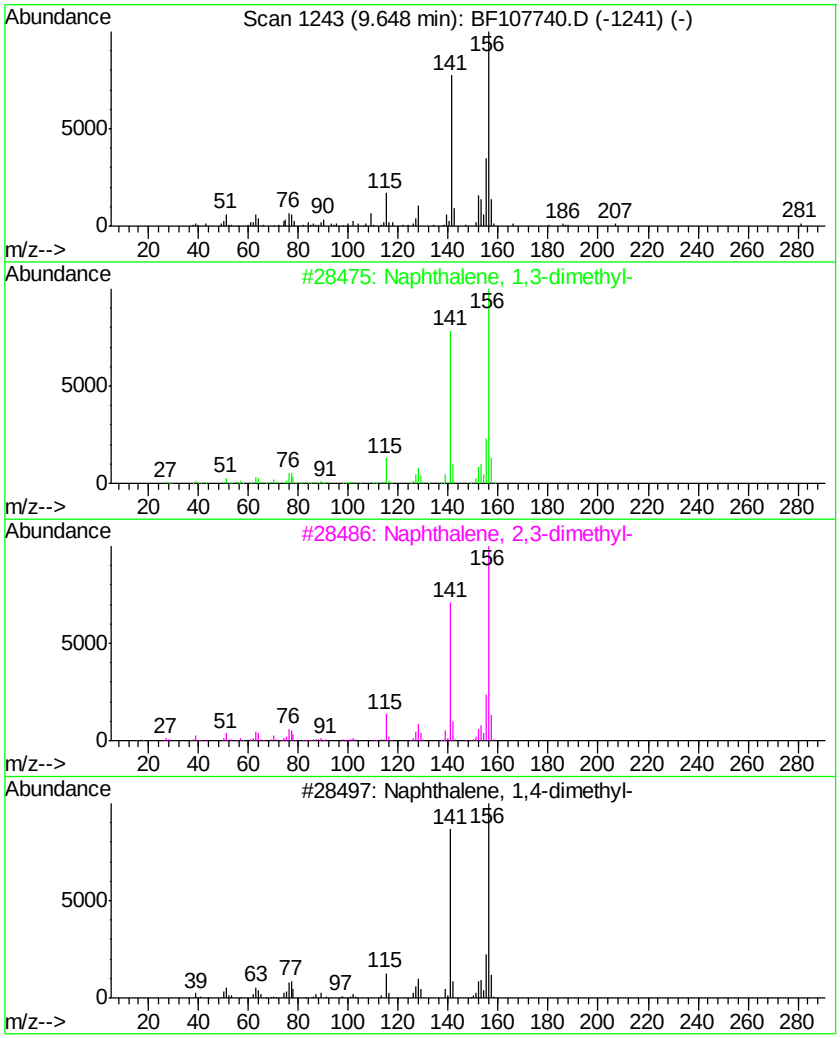
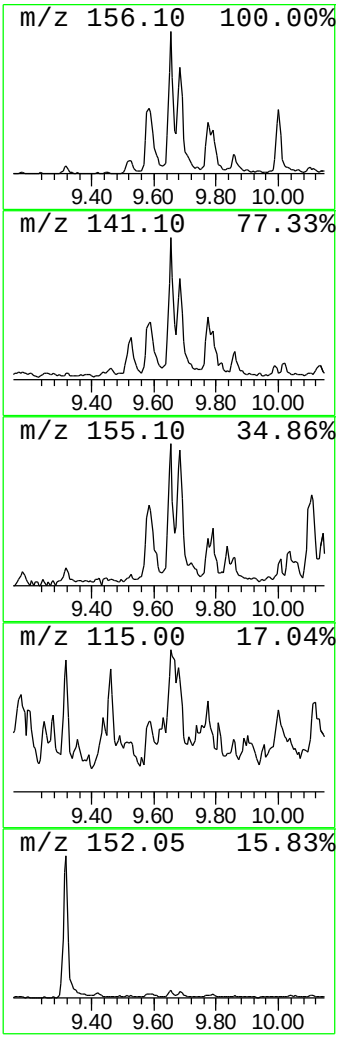
Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	4.11 ng	309288	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Instrument : BNA_F
ClientSampleId : MW-26

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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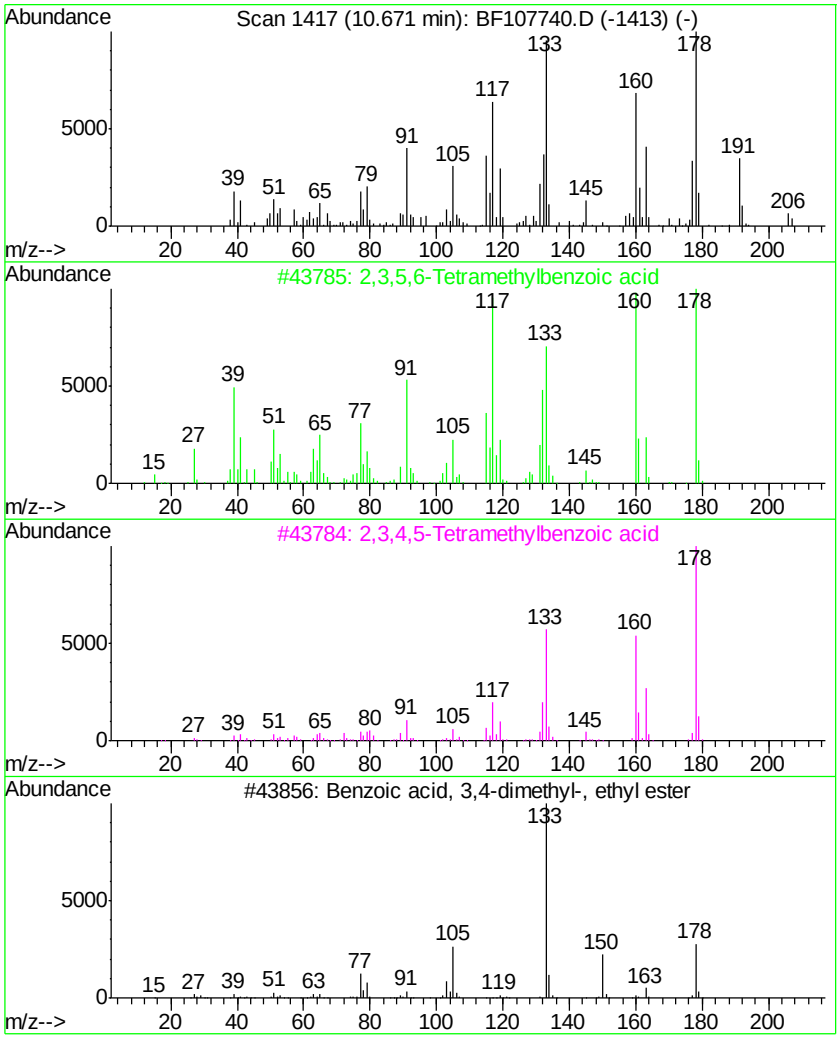
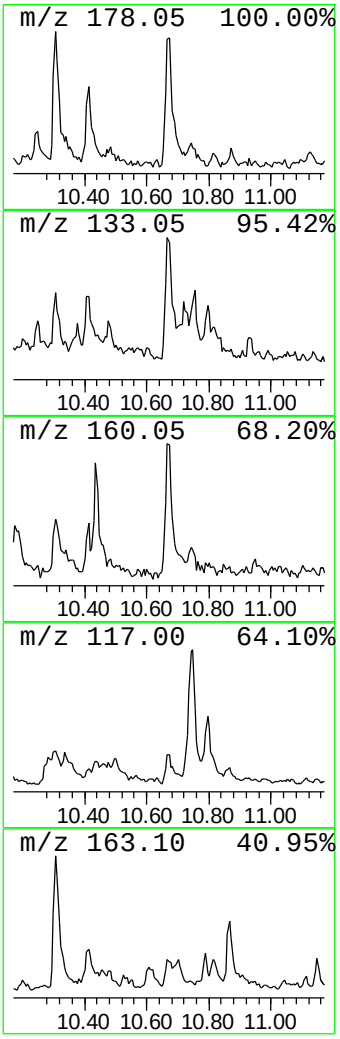
Peak Number 18 2,3,5,6-Tetramethylbenzoic ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.81 ng	211860	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	83
2	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	83
3	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	35
4	2-Benzothiazolamine, 5,6-dimethyl-	178	C9H10N2S	029927-08-0	25
5	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	18





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Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

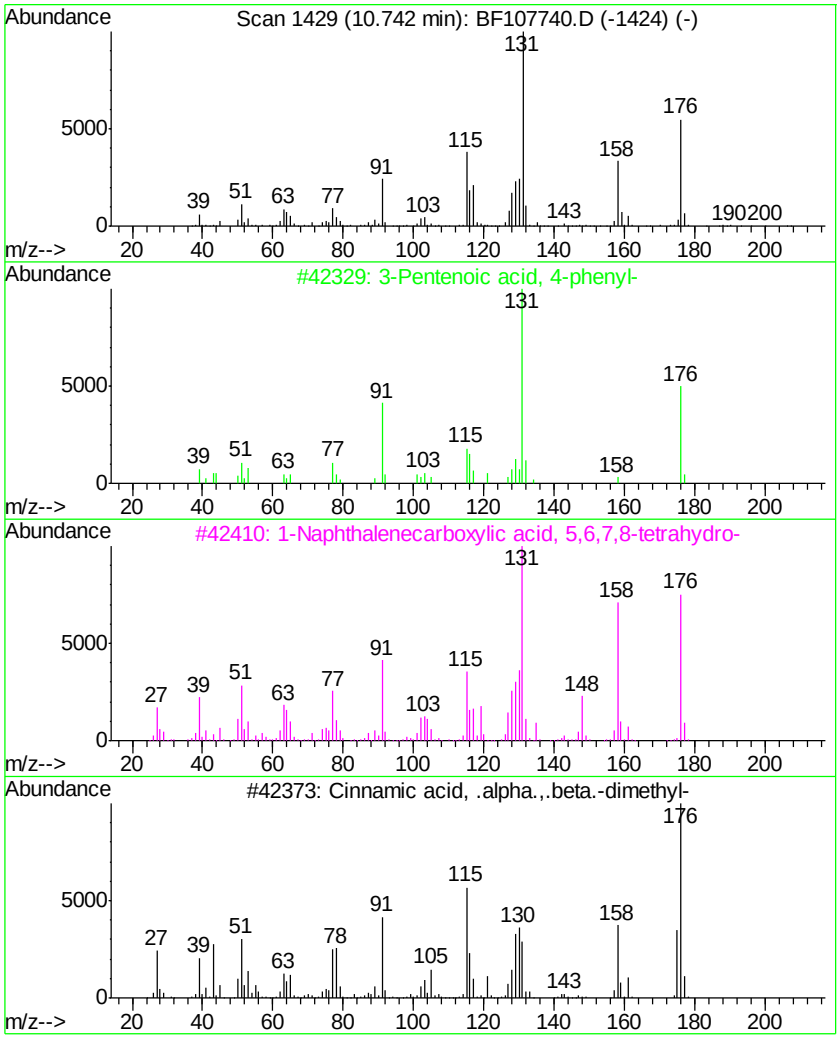
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

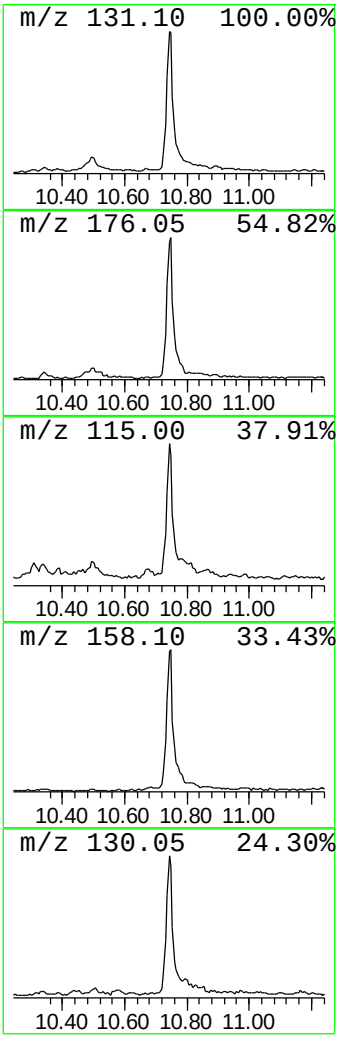
****

Peak Number 19 3-Pentenoic acid, 4-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	13.30 ng	1001140	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	53
3	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	47
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	43
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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

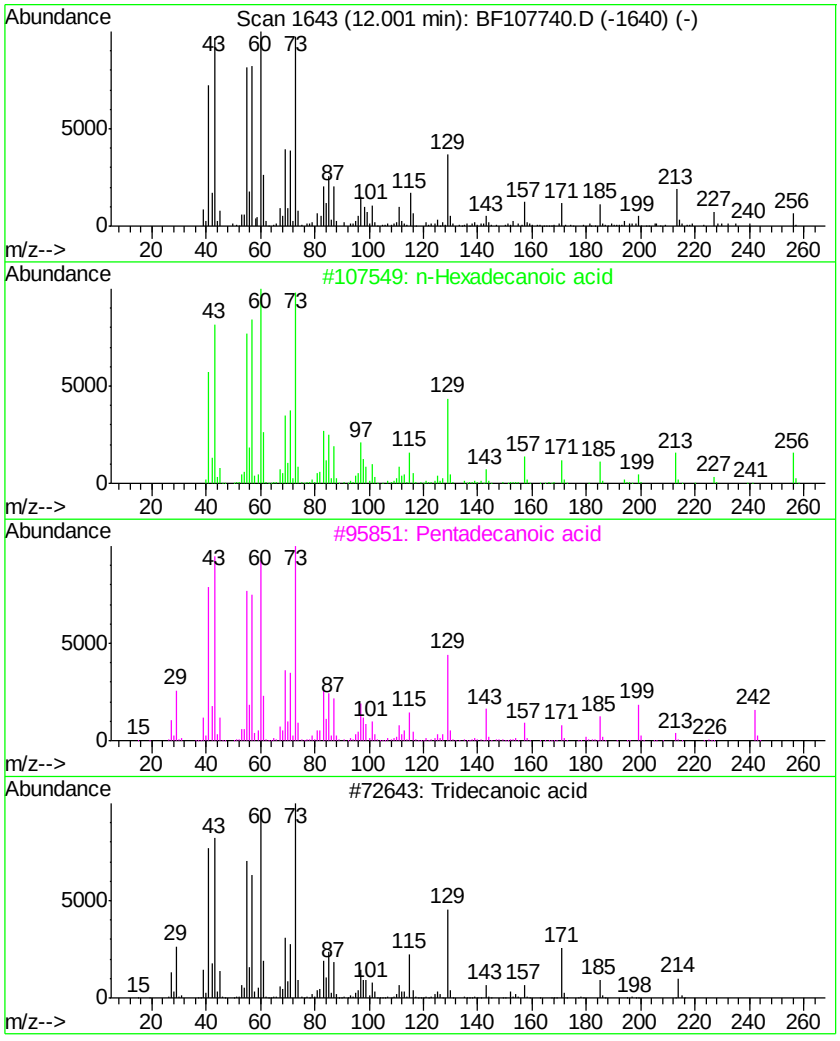
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

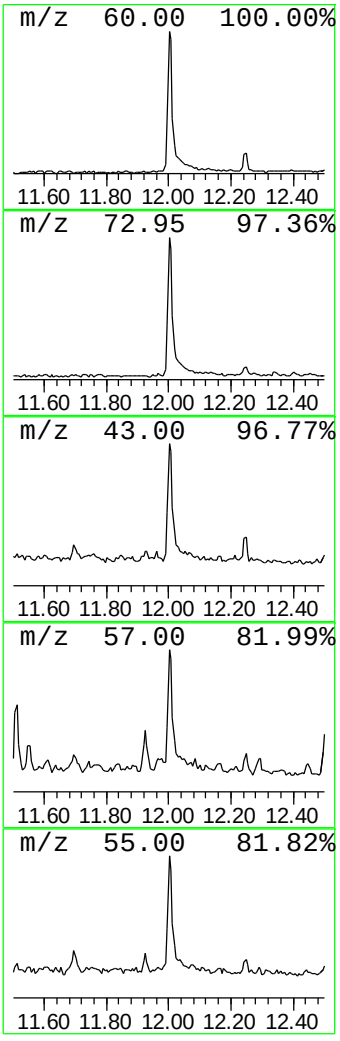
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.94 ng	443993	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107740.D
Acq On : 27 Jul 2018 10:49
Operator : JU/SJ
Sample : J4163-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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
2-Pentanone, 4-hy...	5.20	5.7	ng	246075	1	6.97	861221	20.0
unknown6.74	6.74	91.4	ng	3936330	1	6.97	861221	20.0
Benzene, 1,3-diet...	7.20	6.1	ng	263478	1	6.97	861221	20.0
Naphthalene, deca...	7.35	3.1	ng	132125	1	6.97	861221	20.0
Benzeneethanol, 2...	7.60	5.3	ng	227051	1	6.97	861221	20.0
Benzene, 2-ethyl-...	7.74	6.1	ng	418821	2	8.24	1374040	20.0
Benzene, (2-methy...	7.88	3.9	ng	269421	2	8.24	1374040	20.0
Benzene, 1,2,3,4-...	7.97	6.9	ng	472424	2	8.24	1374040	20.0
Benzene, (1,1-dim...	8.00	2.8	ng	191228	2	8.24	1374040	20.0
Benzene, 1,3-diet...	8.05	3.3	ng	227253	2	8.24	1374040	20.0
Naphthalene, 1,2,...	8.43	2.8	ng	190841	2	8.24	1374040	20.0
Naphthalene, 1,2,...	8.48	4.0	ng	277254	2	8.24	1374040	20.0
Naphthalene, 1,2,...	8.74	3.5	ng	237519	2	8.24	1374040	20.0
Naphthalene, 1,2,...	8.90	5.5	ng	375498	2	8.24	1374040	20.0
Naphthalene, 1,2,...	9.05	4.4	ng	302883	2	8.24	1374040	20.0
Naphthalene, 1,3-...	9.65	4.1	ng	309288	3	10.00	1505570	20.0
2,3,5,6-Tetrameth...	10.67	2.8	ng	211860	3	10.00	1505570	20.0
3-Pentenoic acid,...	10.74	13.3	ng	1001140	3	10.00	1505570	20.0
n-Hexadecanoic acid	12.00	6.9	ng	443993	4	11.49	1279380	20.0