LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

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_M\METHODS\8270-BM021119.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	5.304	371	377	385	rBV	3904576	5630181	20.90%	2.627%
2	6.204	521	530	539	rBV2	381309	688427	2.56%	0.321%
3	6.687	606	612	622	rBV	754256	1122220	4.17%	0.524%
4	6.887	636	646	660	rBV	2407499	4101371	15.23%	1.914%
5	7.251	700	708	714	rBV	6613317	10304835	38.26%	4.809%
6	7.569	755	762	765	rBV	293860	488119	1.81%	0.228%
7	7.604	765	768	776	rVB	335634	467081	1.73%	0.218%
8	7.716	780	787	795	rBV	1460251	2366155	8.78%	1.104%
9	8.028	833	840	845	rBV	5059784	8448567	31.37%	3.942%
10	8.075	845	848	855	rVB	1247516	1871094	6.95%	0.873%
11	8.186	860	867	874	rBV	2722236	4164256	15.46%	1.943%
12	8.339	887	893	898	rBV	1318388	2110788	7.84%	0.985%
13	8.386	898	901	910	rVB	534195	794533	2.95%	0.371%
14	8.698	950	954	963	rVB2	172544	313572	1.16%	0.146%
15	8.804	964	972	979	rBV	7510347	11728193	43.54%	5.473%
16	8.886	979	986	993	rBV	8016962	12542338	46.57%	5.853%
17	9.039	1005	1012	1021	rVB4	198604	448377	1.66%	0.209%
18	9.145	1024	1030	1034	rBV	186026	318130	1.18%	0.148%
19	9.322	1054	1060	1067	rVB	4568761	6996600	25.98%	3.265%
20	9.498	1083	1090	1098	rBV2	149930	302063	1.12%	0.141%
21	9.580	1098	1104	1110	rVB	555440	814169	3.02%	0.380%
22	9.686	1116	1122	1127	rBV2	386042	718117	2.67%	0.335%
23	9.745	1127	1132	1142	rVB	2715026	4766909	17.70%	2.224%
24	9.892	1148	1157	1165	rBV2	4916835	8490665	31.52%	3.962%
25	9.963	1165	1169	1174	rVV	503775	800614	2.97%	0.374%
26	10.075	1178	1188	1193	rVV2	417984	746875	2.77%	0.349%
27	10.192	1201	1208	1216	rVB	681049	1165743	4.33%	0.544%
28	10.410	1241	1245	1247	rBV	354891	490490	1.82%	0.229%
29	10.445	1247	1251	1253	rVV	787286	1247692	4.63%	0.582%
30	10.475	1253	1256	1258	rVV	1384892	2185526	8.11%	1.020%
31	10.504	1258	1261	1264	rVV	1985357	3323977	12.34%	1.551%
32	10.533	1264	1266	1273	rVV3	1381921	2455913	9.12%	1.146%
33	10.604	1273	1278	1287	rVB	1104267	1816076	6.74%	0.847%
34	10.704	1287	1295	1302	rVB	600225	964298	3.58%	0.450%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

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_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.151	1367	1371	1379	rVB	694225	1050826	3.90%	0.490%
36	11.404	1408	1414	1426	rBV	929484	1540628	5.72%	0.719%
37	11.604	1441	1448	1458	rBV2	598454	1242274	4.61%	0.580%
38	11.686	1458	1462	1476	rVB4	287579	791981	2.94%	0.370%
39	11.822	1476	1485	1490	rVB	364347	643796	2.39%	0.300%
40	11.880	1490	1495	1504	rVB2	391080	785619	2.92%	0.367%
41	11.992	1504	1514	1521	rBV2	121396	361817	1.34%	0.169%
42	12.063	1521	1526	1532	rVB3	157090	311288	1.16%	0.145%
43	12.169	1539	1544	1550	rVB	228111	344793	1.28%	0.161%
44	12.392	1575	1582	1590	rVB	337977	635134	2.36%	0.296%
45	12.469	1591	1595	1603	rVB2	192576	334982	1.24%	0.156%
46	12.574	1606	1613	1621	rBV6	88053	292760	1.09%	0.137%
47	12.980	1674	1682	1691	rBV	11512005	16597741	61.62%	7.745%
48	13.510	1764	1772	1774	rBV3	227243	421074	1.56%	0.196%
49	13.539	1774	1777	1782	rVB3	194461	292250	1.09%	0.136%
50	13.674	1794	1800	1807	rBV	350598	637080	2.37%	0.297%
51	14.363	1908	1917	1923	rBV2	2904792	4448295	16.52%	2.076%
52	14.427	1923	1928	1936	rVB	1543639	2221880	8.25%	1.037%
53	14.762	1980	1985	1993	rVV	508965	812076	3.02%	0.379%
54	14.845	1993	1999	2012	rVB2	125865	292916	1.09%	0.137%
55	15.415	2090	2096	2107	rBV	1475456	2137608	7.94%	0.997%
56	15.862	2165	2172	2184	rBV	10331594	14360983	53.32%	6.701%
57	16.415	2255	2266	2271	rBV3	141507	360786	1.34%	0.168%
58	16.933	2350	2354	2361	rVB	229542	328074	1.22%	0.153%
59	17.115	2375	2385	2389	rBV	3891109	5554633	20.62%	2.592%
60	17.156	2389	2392	2400	rVV	3539613	4591242	17.05%	2.142%
61	17.245	2402	2407	2414	rVB	668764	917276	3.41%	0.428%
62	17.527	2450	2455	2461	rVB	497521	715292	2.66%	0.334%
63	17.998	2530	2535	2539	rBV2	401349	636189	2.36%	0.297%
64	18.039	2539	2542	2547	rVB	205912	271659	1.01%	0.127%
65	18.186	2561	2567	2571	rBV2	450405	702615	2.61%	0.328%
66	19.174	2730	2735	2742	rVB	1229417	1611242	5.98%	0.752%
67	19.286	2750	2754	2764	rBV2	273931	418246	1.55%	0.195%
68	19.539	2793	2797	2806	rVB	829868	1230246	4.57%	0.574%
69	19.750	2826	2833	2838	rBV	22626585	26934239	100.00%	12.568%
70	21.309	3092	3098	3103	rBV	5275094	6847503	25.42%	3.195%
71	22.344	3271	3274	3280	rVB	266280	330753	1.23%	0.154%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

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_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.850	3357	3360	3371	rVB3	282000	416486	1.55%	0.194%
73	23.421	3454	3457	3462	rVB	278704	412102	1.53%	0.192%
74	23.568	3475	3482	3495	rVB	3476308	6273638	23.29%	2.927%

Sum of corrected areas: 214303986

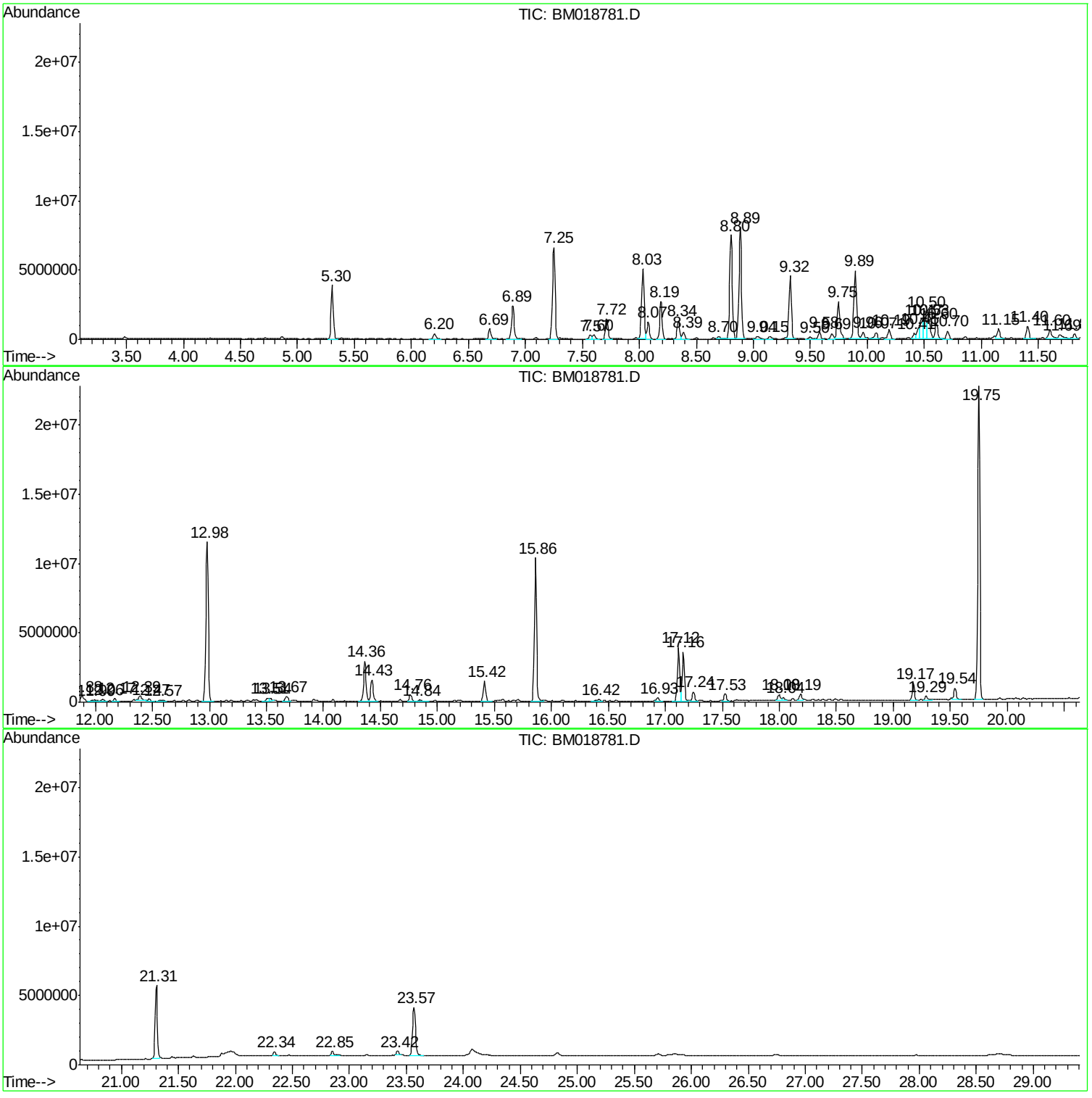
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

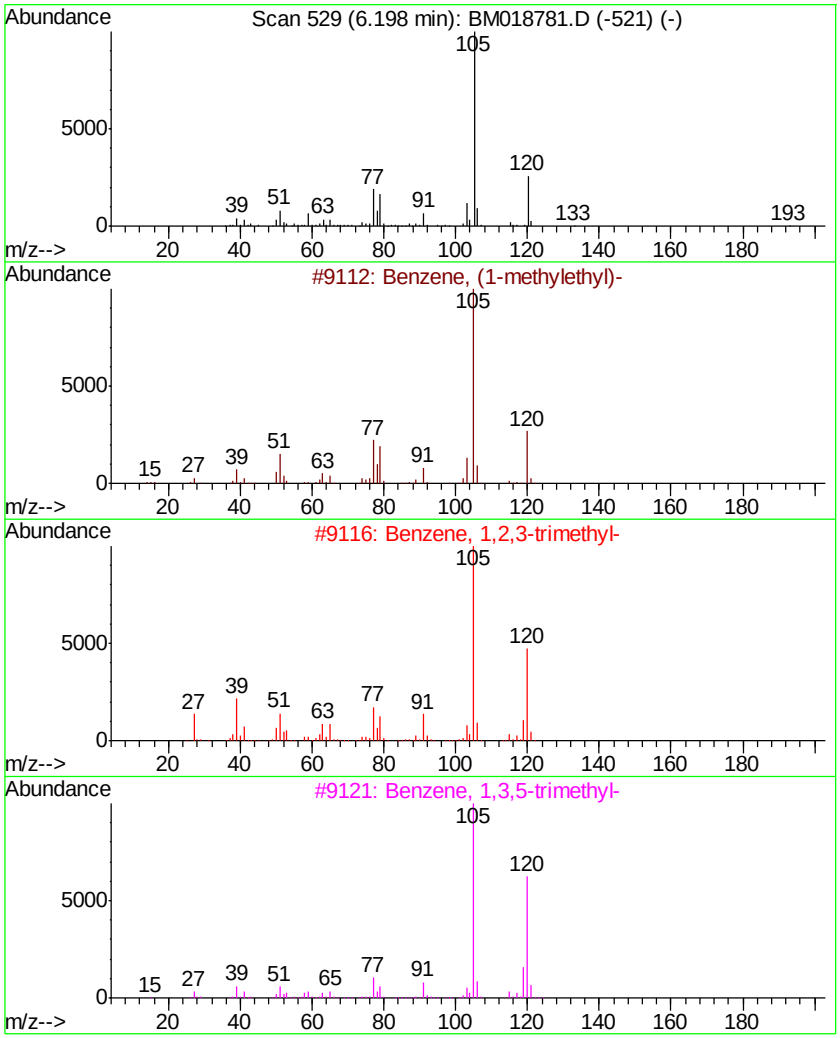
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

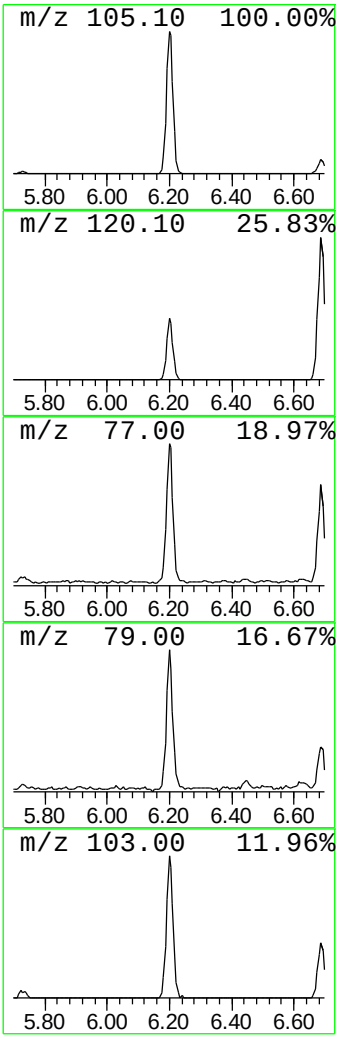
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	5.82 ng	688427	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	78
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

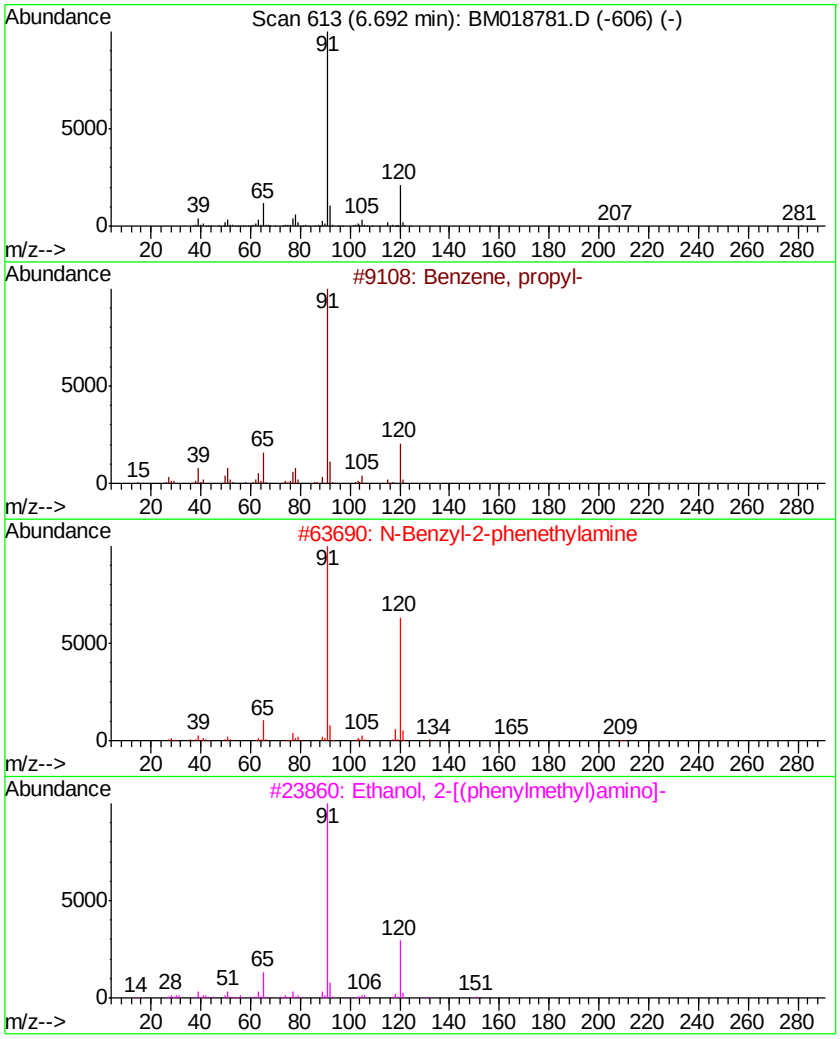
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

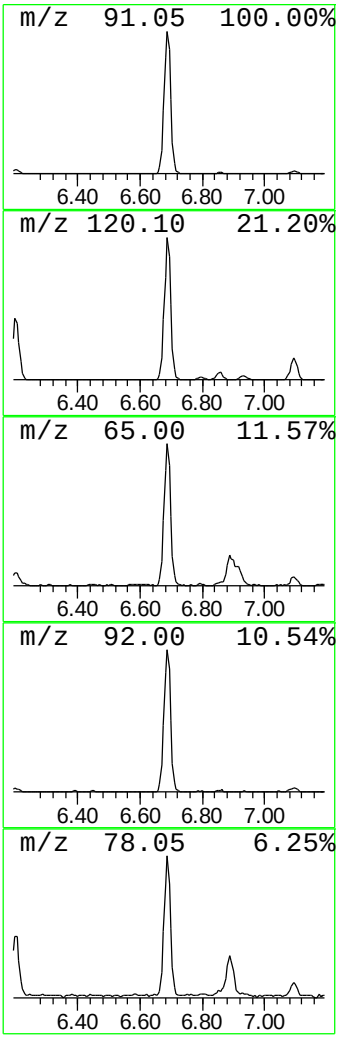
****

Peak Number 2 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	9.49 ng	1122220	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

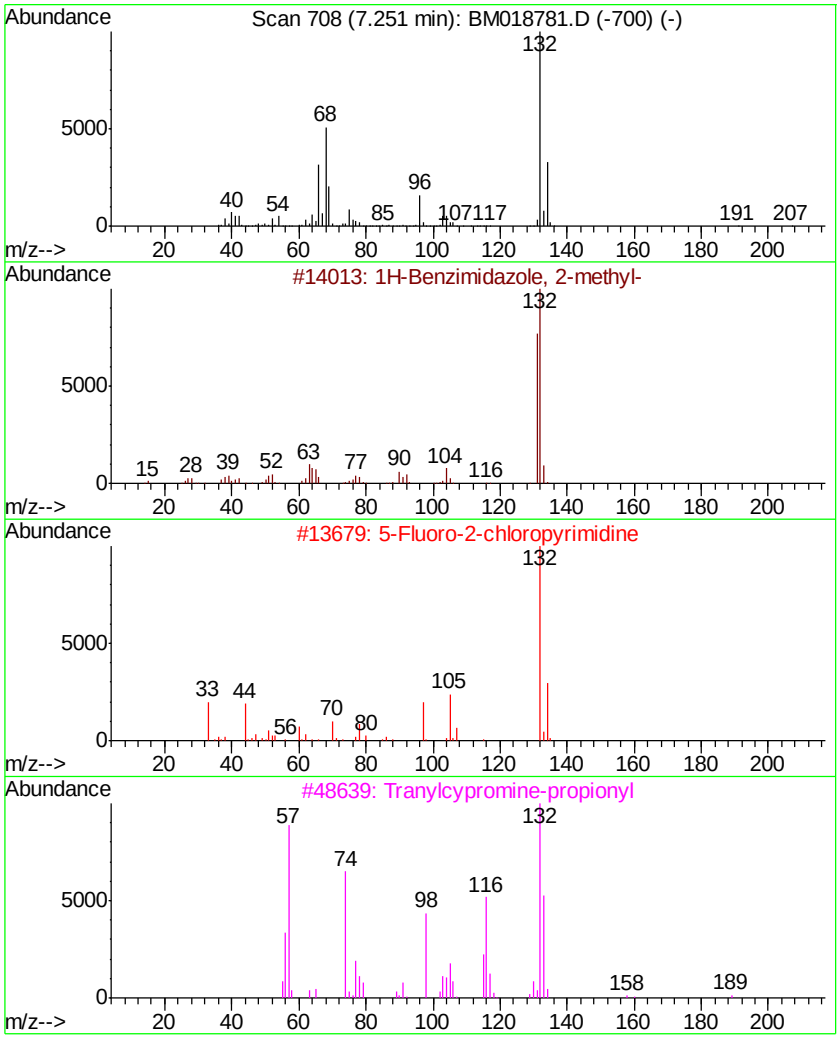
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

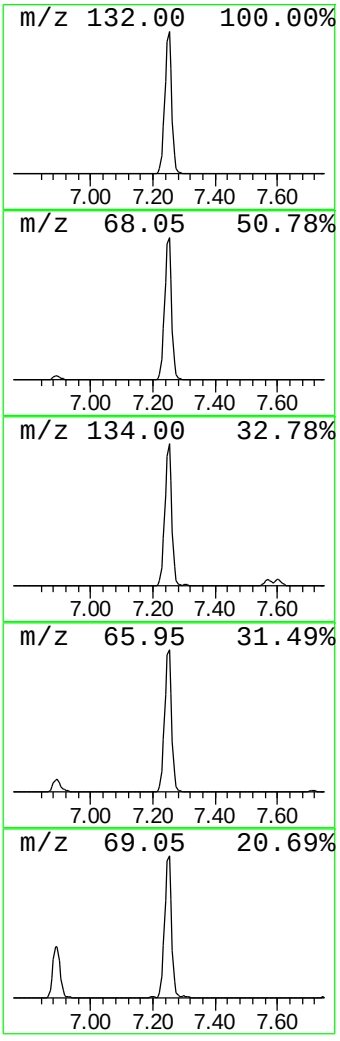
****

Peak Number 3 unknown7.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	87.10 ng	10304800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

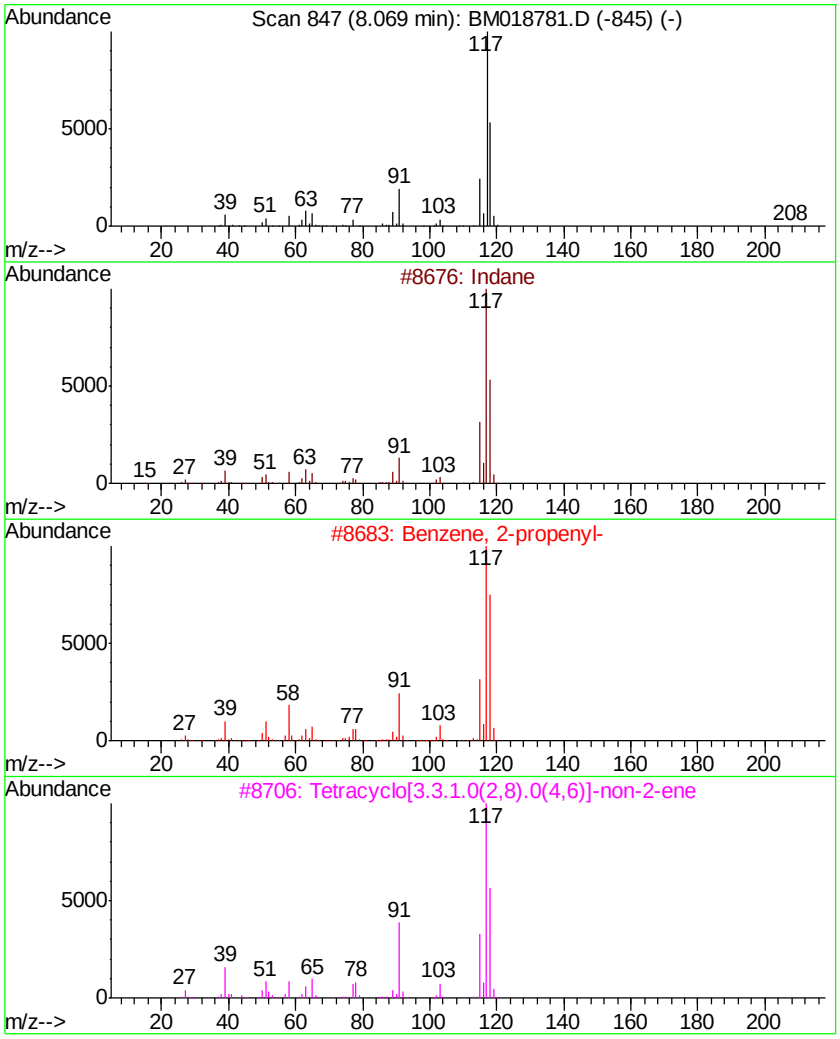
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

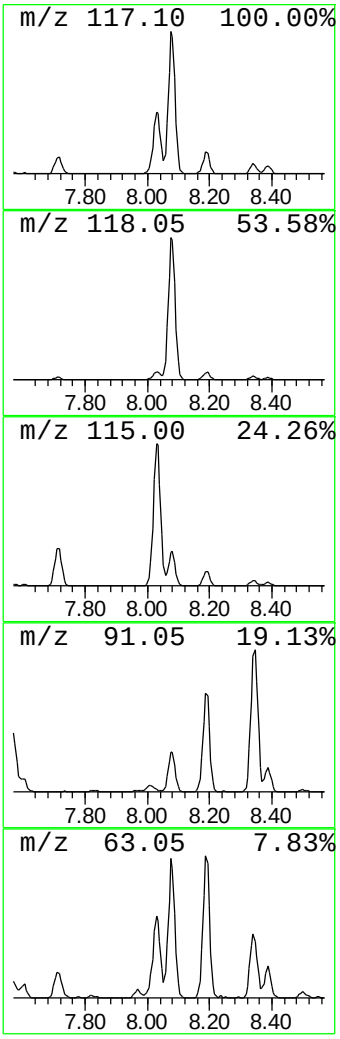
****

Peak Number 5 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	15.82 ng	1871090	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

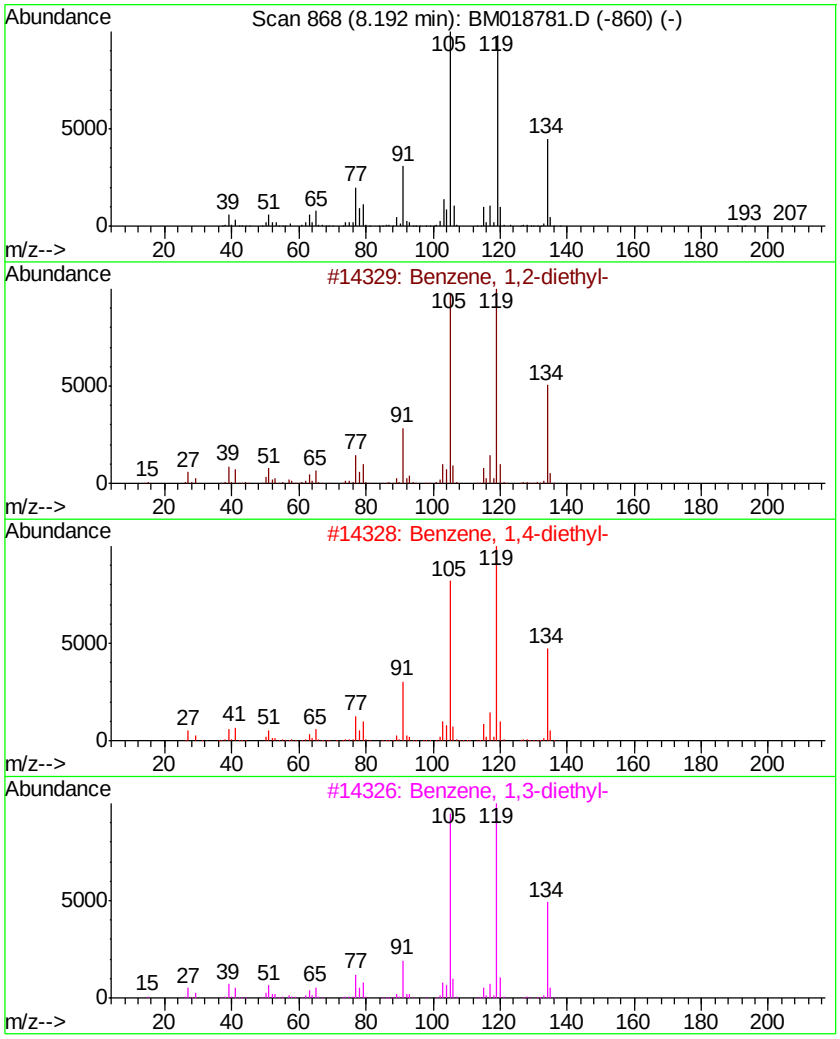
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

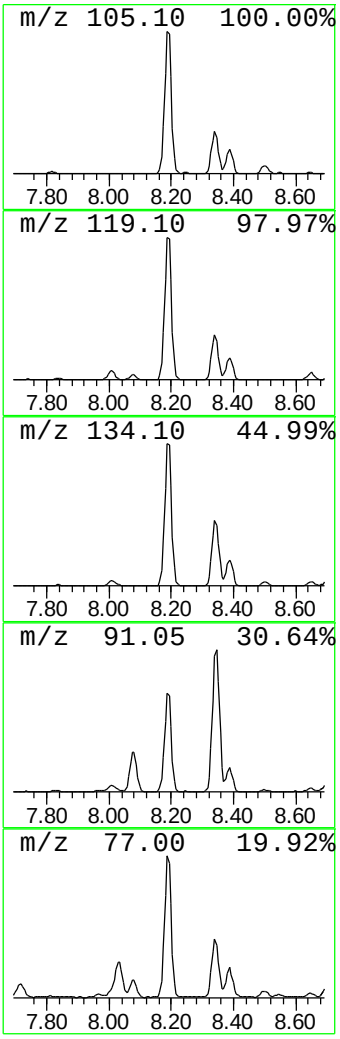
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	35.20 ng	4164260	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

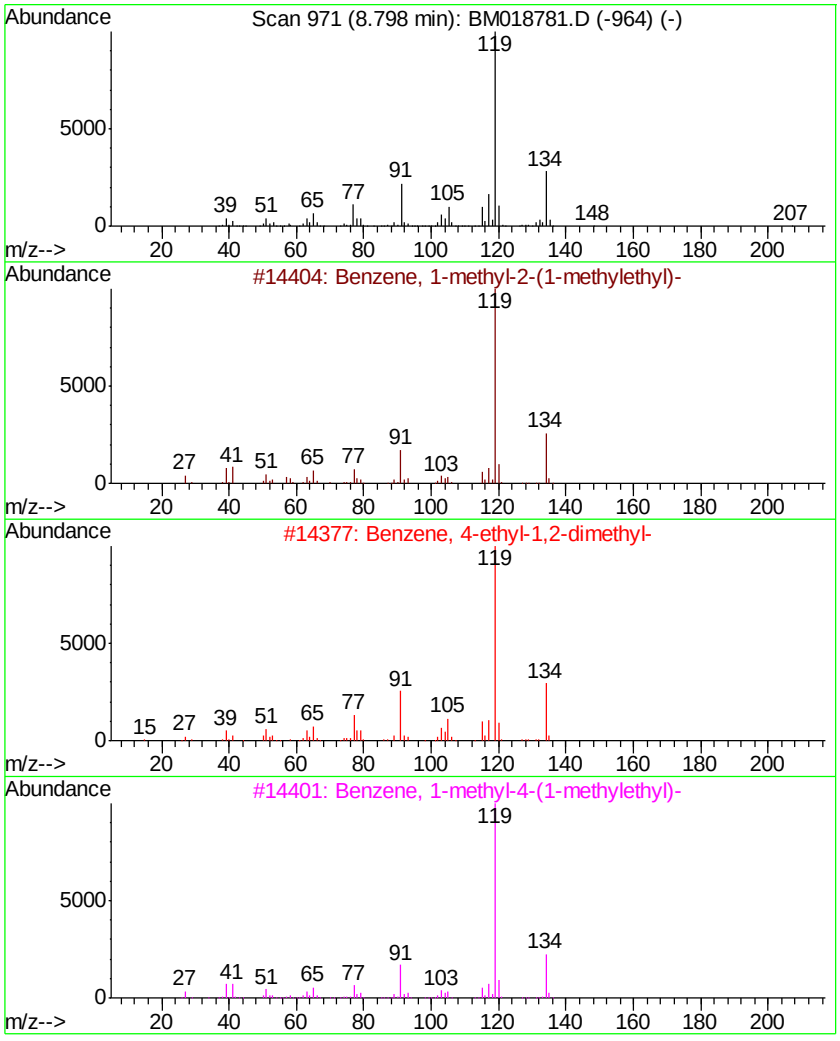
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

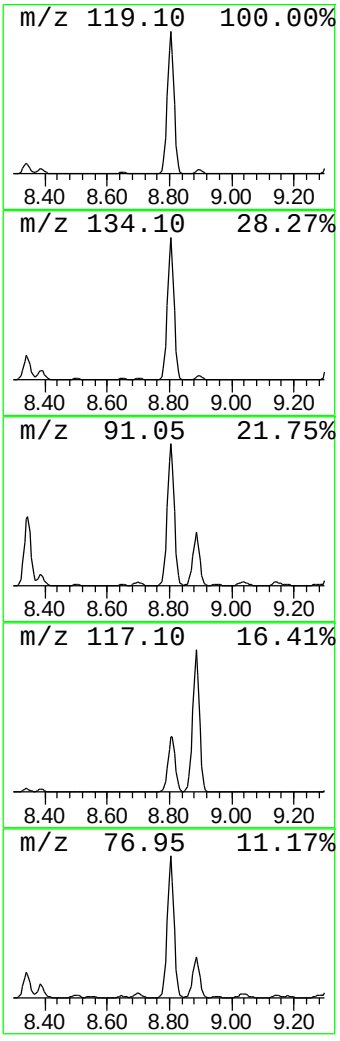
****

Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	99.13 ng	11728200	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

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Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

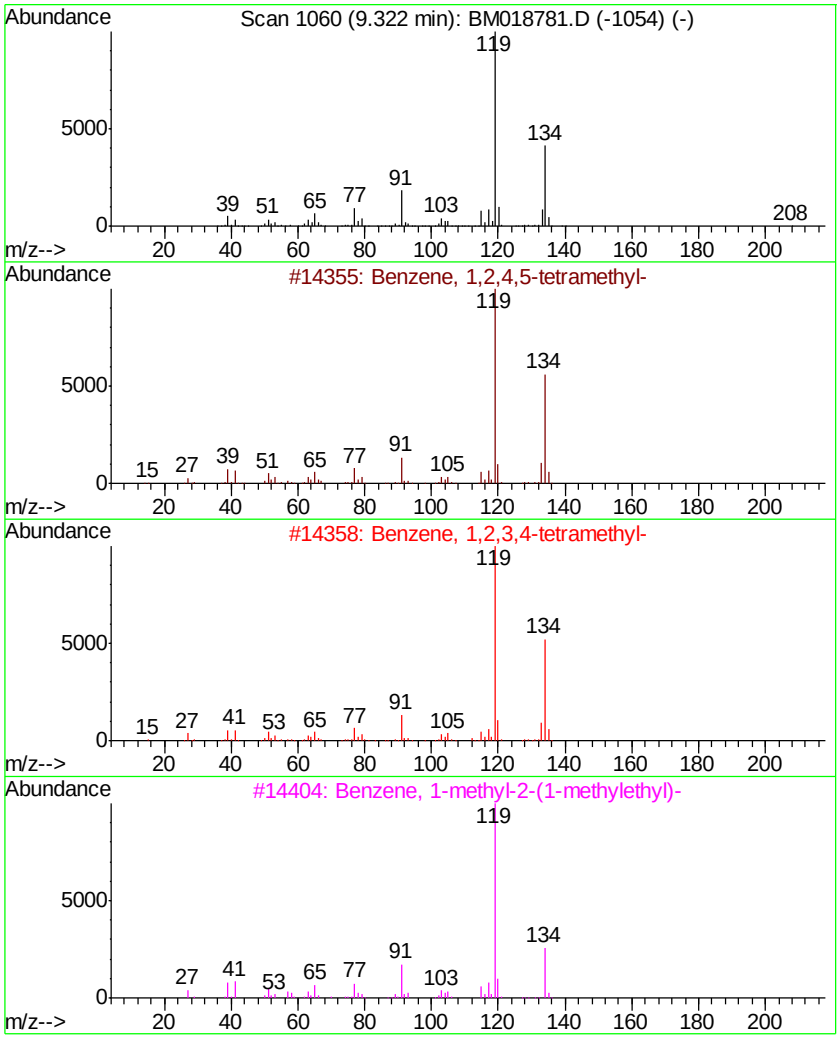
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

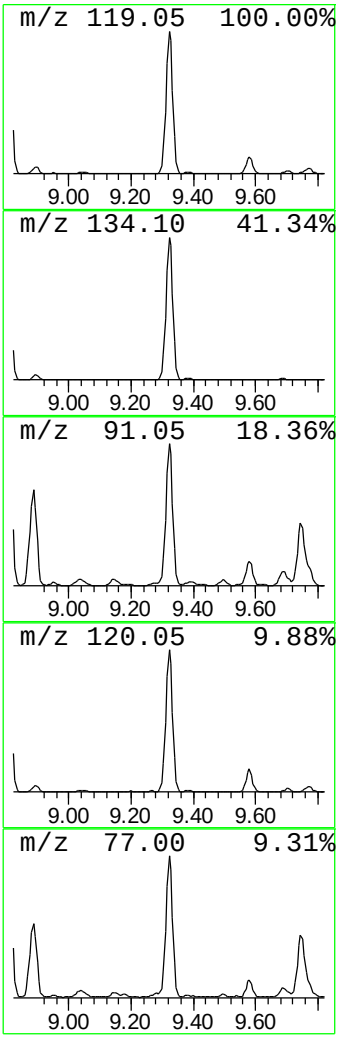
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	42.10 ng	6996600	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

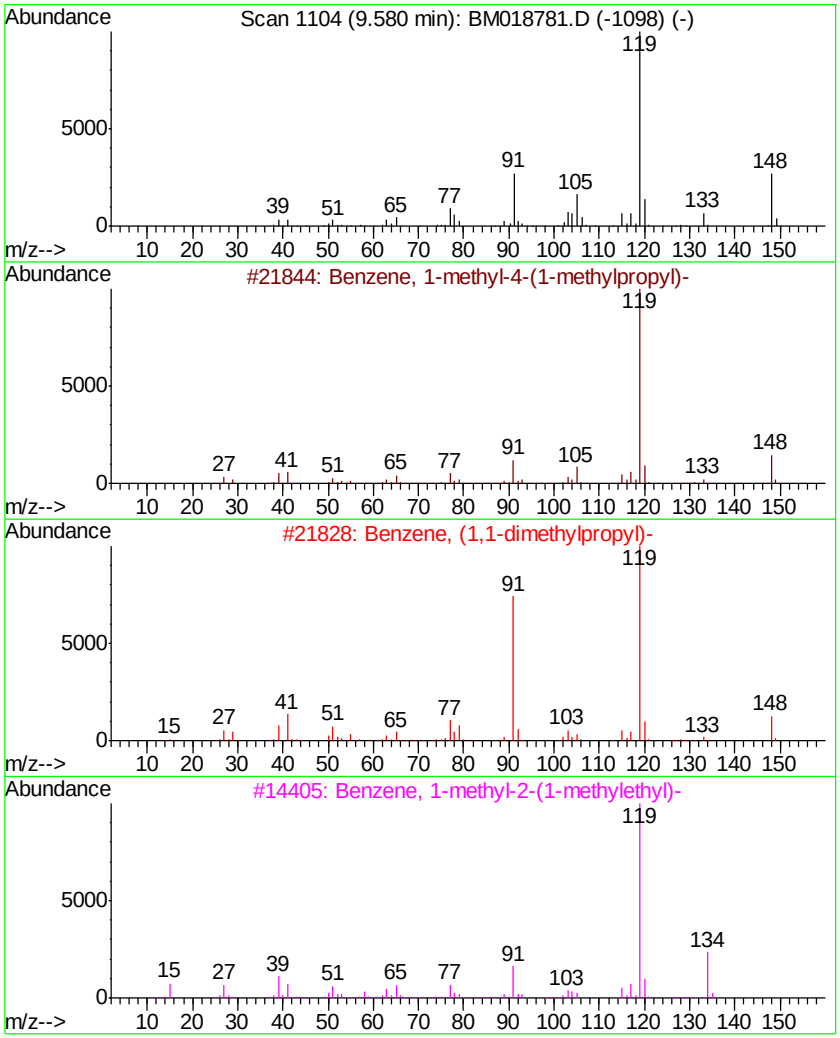
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

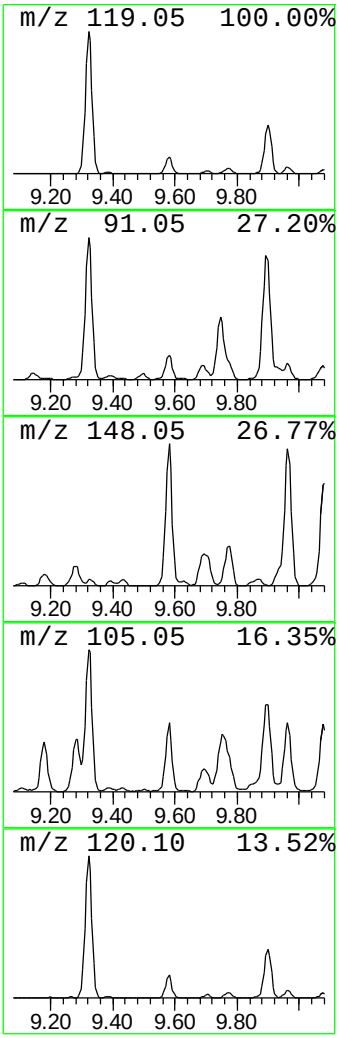
****

Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.90 ng	814169	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
4	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Library Search Compound Report

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Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

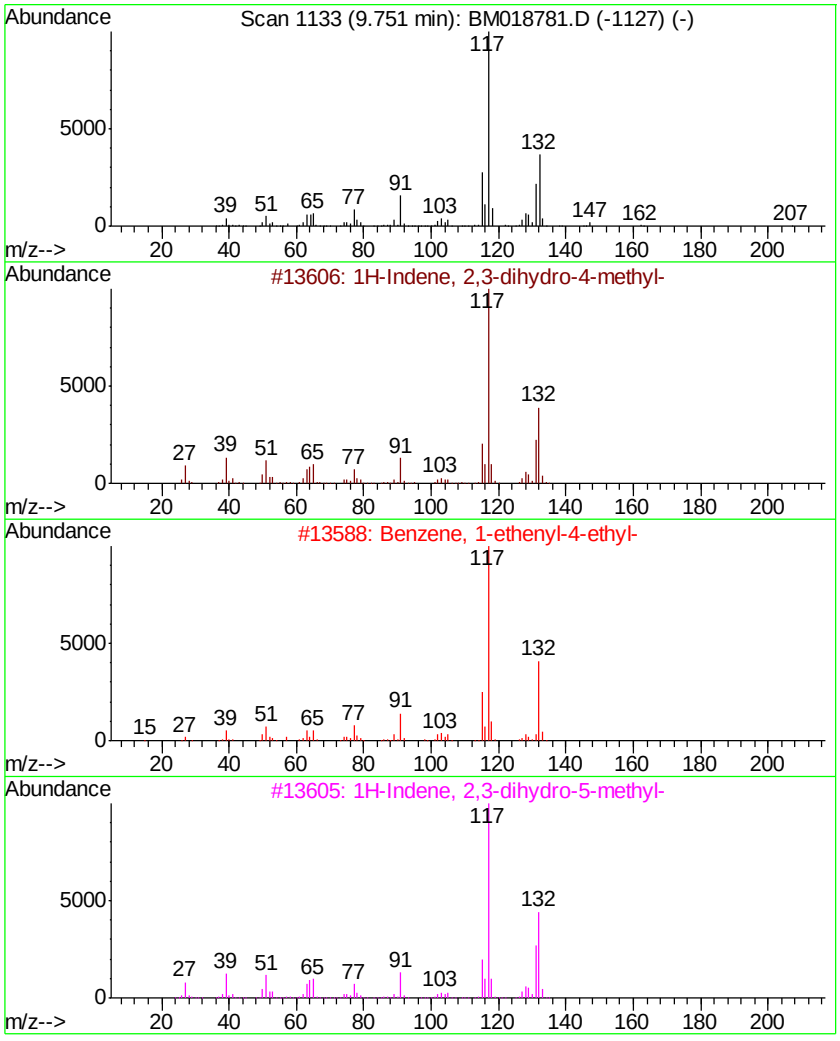
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

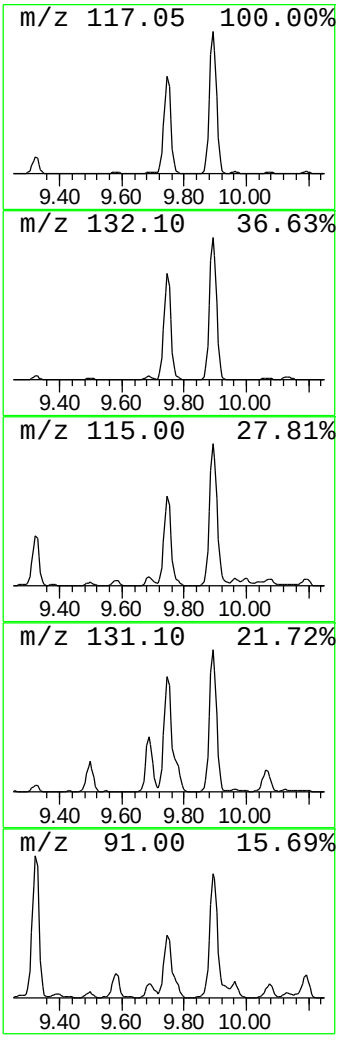
****

Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	28.68 ng	4766910	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

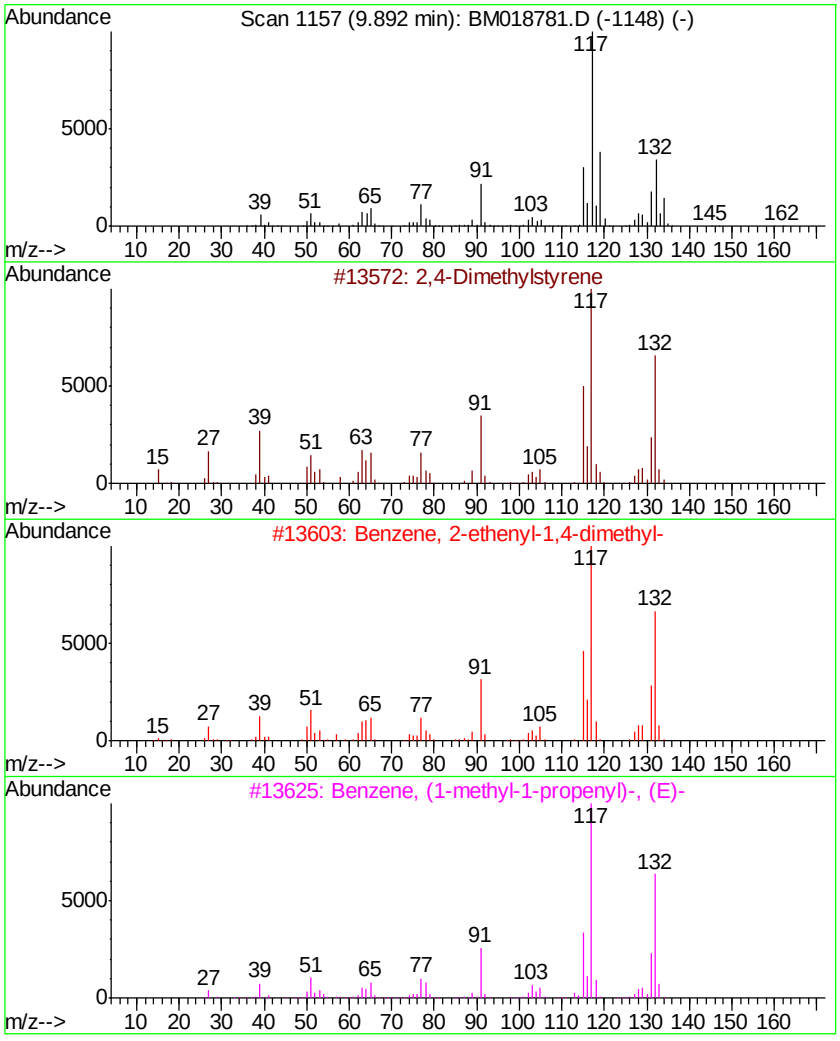
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

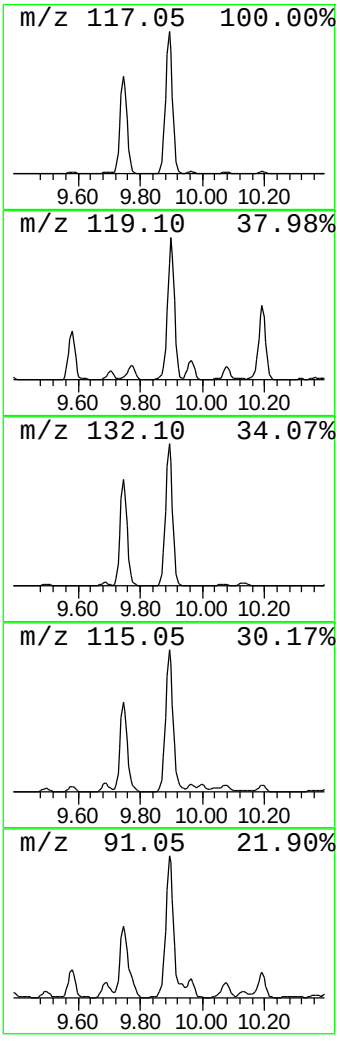
****

Peak Number 13 2,4-Dimethylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	51.09 ng	8490670	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

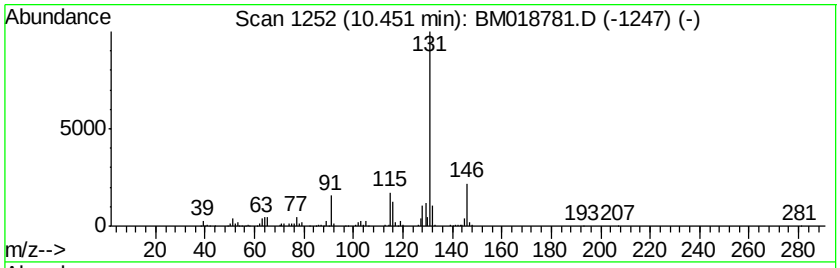
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

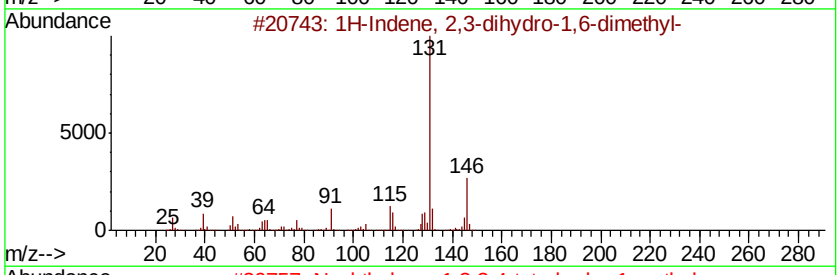
****

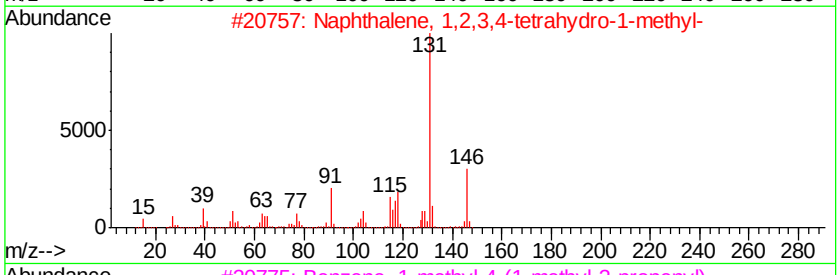
Peak Number 15 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 13

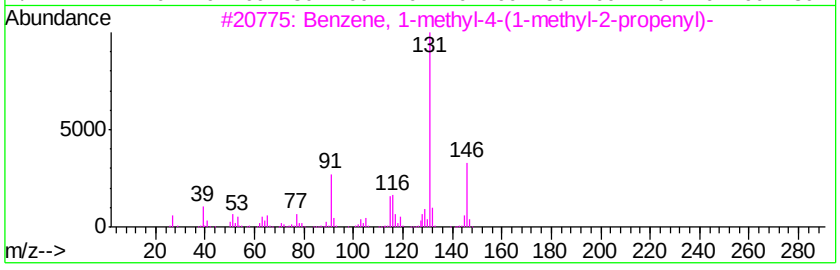
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	7.51 ng	1247690	Naphthalene-d8	10.50

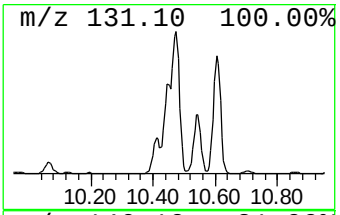
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91

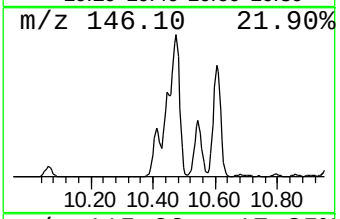


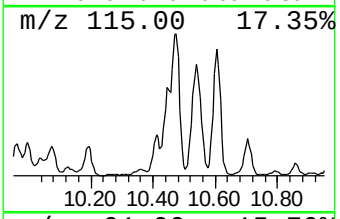


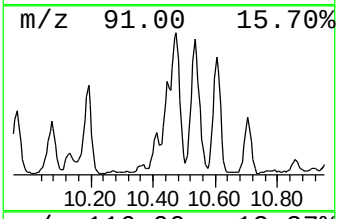


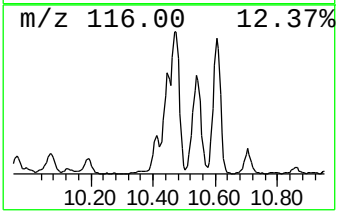












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Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

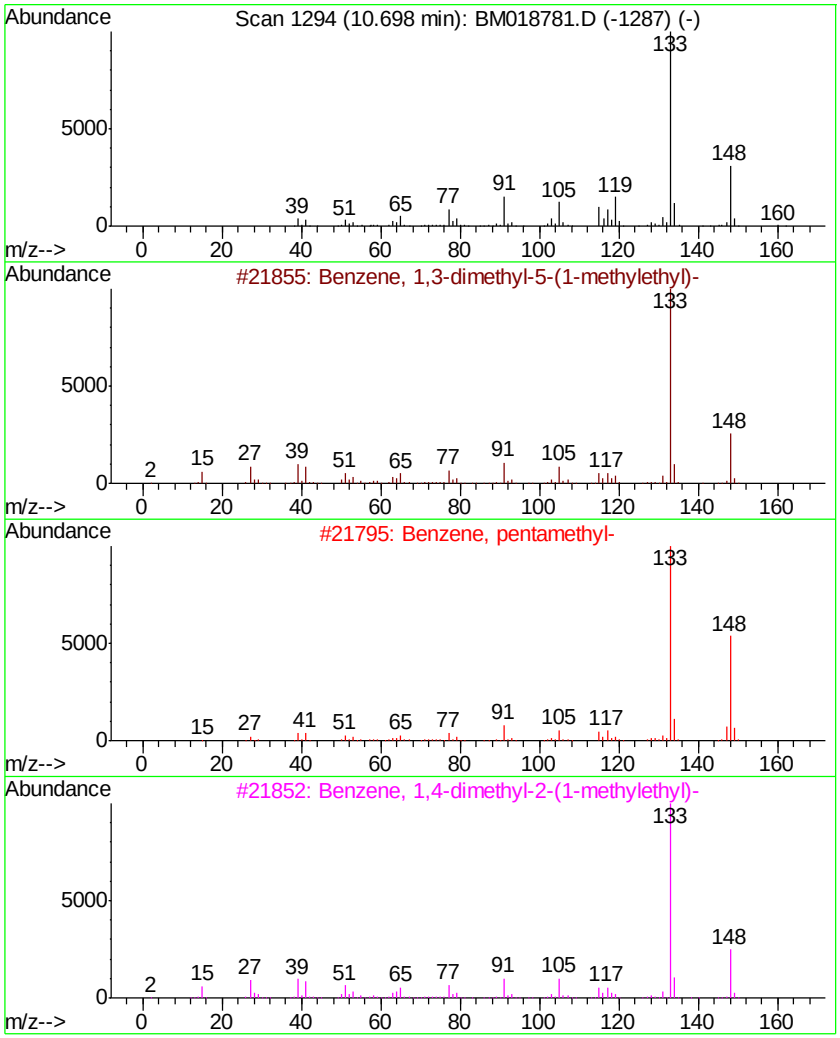
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

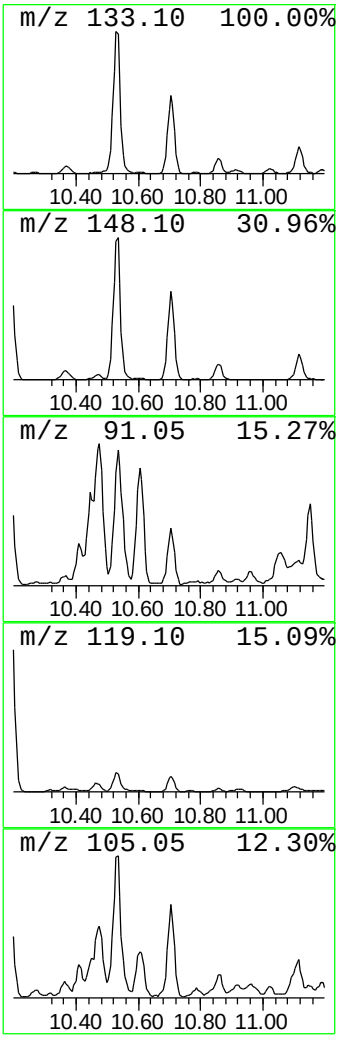
****

Peak Number 17 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	5.80 ng	964298	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	94
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

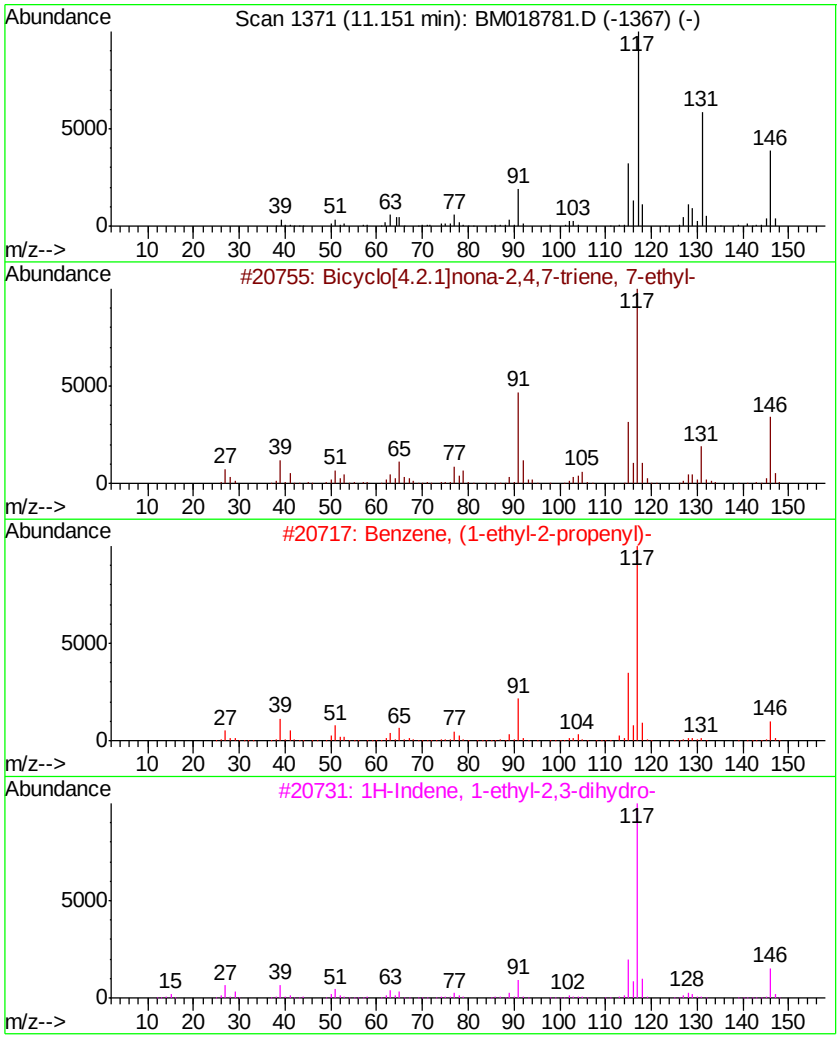
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

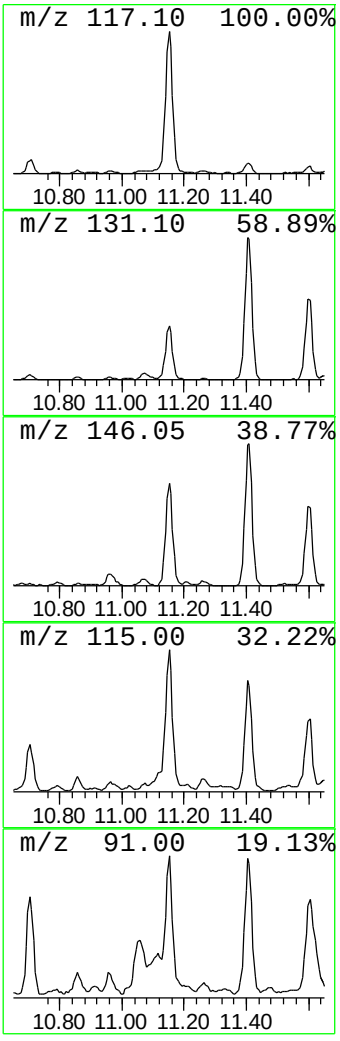
****

Peak Number 18 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	6.32 ng	1050830	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	72
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	59
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	58
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53





Library Search Compound Report

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Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

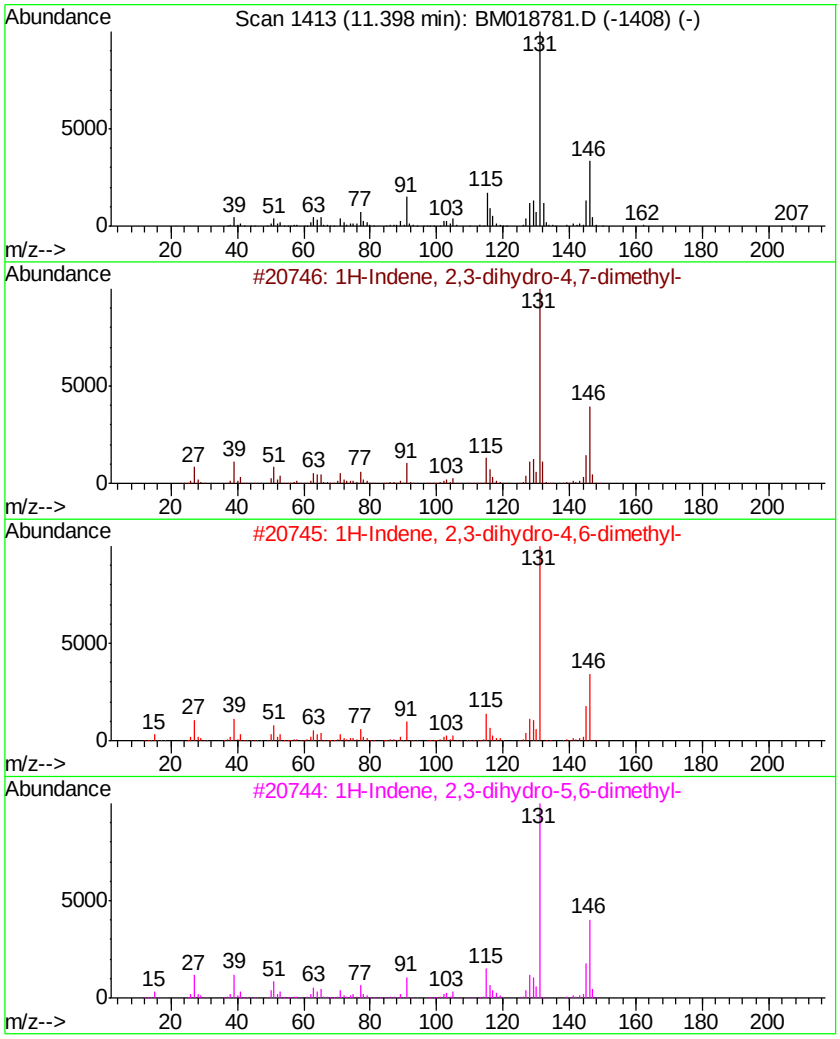
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

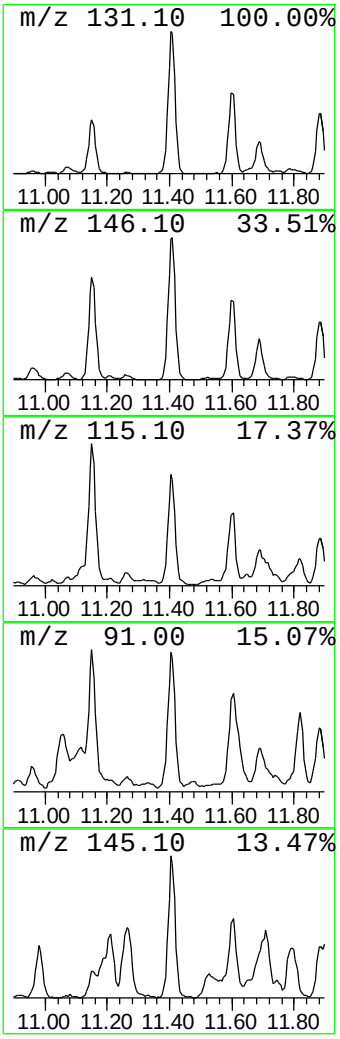
****

Peak Number 19 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	9.27 ng	1540630	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
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Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

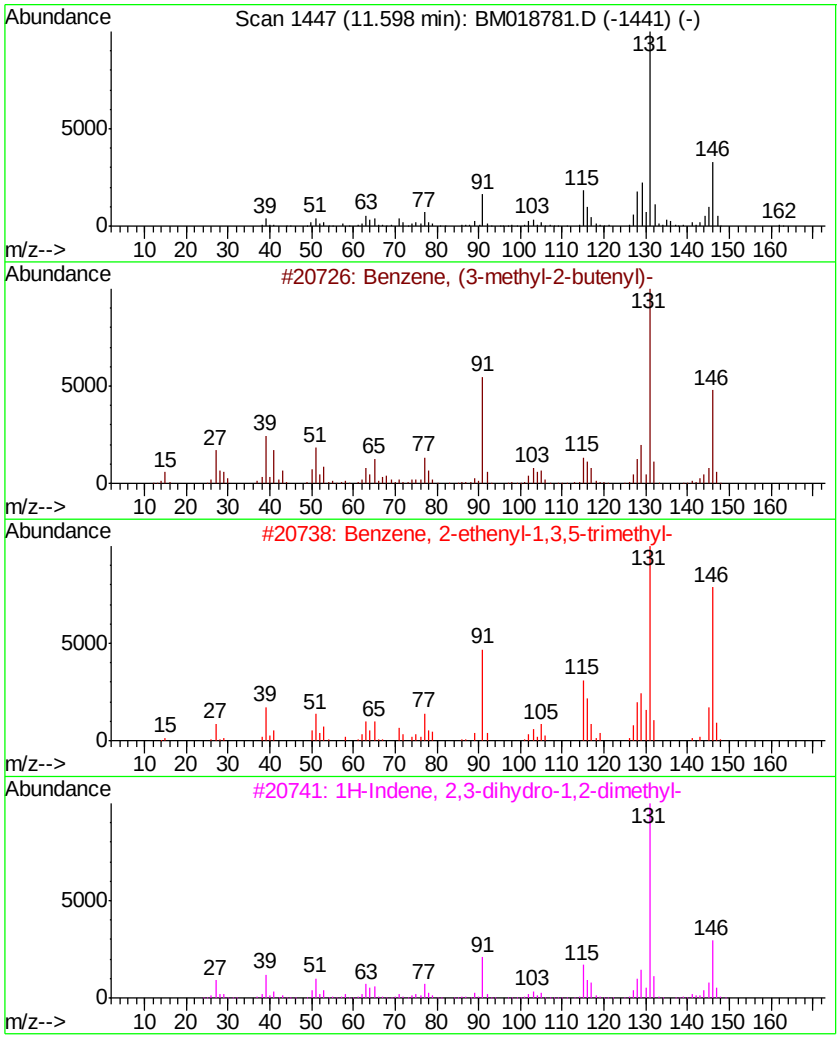
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

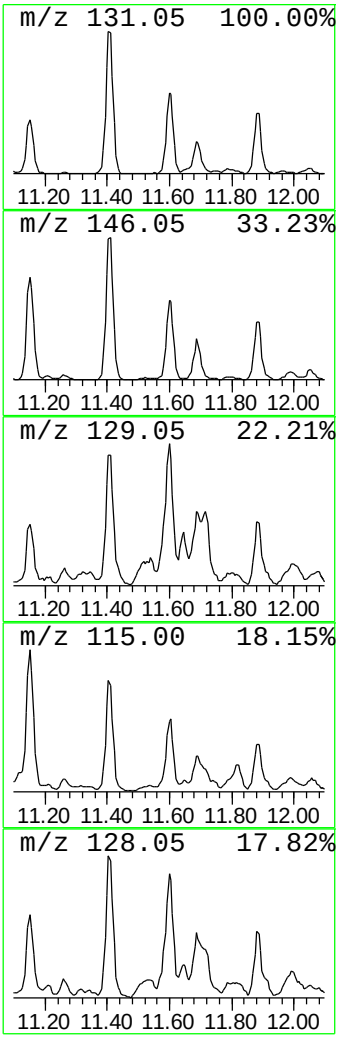
****

Peak Number 20 Benzene, (3-methyl-2-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	7.47 ng	1242270	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
Data File : BM018781.D
Acq On : 12 Feb 2019 20:16
Operator : JU/SJ
Sample : K1460-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1-20190207

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.20	5.8	ng	688427	1	7.72	2366160	20.0
Benzene, propyl-	6.69	9.5	ng	1122220	1	7.72	2366160	20.0
unknown7.25	7.25	87.1	ng	10304800	1	7.72	2366160	20.0
Indane	8.07	15.8	ng	1871090	1	7.72	2366160	20.0
Benzene, 1,2-diet...	8.19	35.2	ng	4164260	1	7.72	2366160	20.0
Benzene, 1-methyl...	8.80	99.1	ng	11728200	1	7.72	2366160	20.0
Benzene, 1,2,4,5-...	9.32	42.1	ng	6996600	2	10.50	3323980	20.0
Benzene, 1-methyl...	9.58	4.9	ng	814169	2	10.50	3323980	20.0
1H-Indene, 2,3-di...	9.75	28.7	ng	4766910	2	10.50	3323980	20.0
2,4-Dimethylstyrene	9.89	51.1	ng	8490670	2	10.50	3323980	20.0
1H-Indene, 2,3-di...	10.45	7.5	ng	1247690	2	10.50	3323980	20.0
Benzene, 1,3-dime...	10.70	5.8	ng	964298	2	10.50	3323980	20.0
Bicyclo[4.2.1]non...	11.15	6.3	ng	1050830	2	10.50	3323980	20.0
1H-Indene, 2,3-di...	11.40	9.3	ng	1540630	2	10.50	3323980	20.0
Benzene, (3-methy...	11.60	7.5	ng	1242270	2	10.50	3323980	20.0