LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

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:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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	5.357	379	386	391	rBV	465752	659250	3.52%	0.741%
2	5.422	391	397	405	rVV	1529768	2221868	11.87%	2.497%
3	7.004	659	666	675	rBV	933228	1555104	8.31%	1.748%
4	7.375	722	729	737	rBV	2698077	4178881	22.32%	4.697%
5	7.487	743	748	754	rVB	183665	278560	1.49%	0.313%
6	7.845	803	809	816	rBV	538622	860238	4.60%	0.967%
7	8.163	856	863	868	rBV	2316578	3820713	20.41%	4.295%
8	8.216	868	872	879	rVB	1483697	2326983	12.43%	2.616%
9	8.381	891	900	907	rVB2	337190	695767	3.72%	0.782%
10	9.010	1000	1007	1016	rBV	2078484	3531540	18.87%	3.970%
11	9.198	1030	1039	1045	rBV	181137	307315	1.64%	0.345%
12	9.322	1053	1060	1066	rVB	325484	660242	3.53%	0.742%
13	10.039	1176	1182	1192	rBV6	145529	404395	2.16%	0.455%
14	10.134	1192	1198	1203	rVV2	121281	261742	1.40%	0.294%
15	10.645	1277	1285	1288	rBV	628936	1085299	5.80%	1.220%
16	10.704	1288	1295	1303	rVB	10888225	18720030	100.00%	21.042%
17	10.816	1303	1314	1322	rBV	823372	1555059	8.31%	1.748%
18	12.304	1560	1567	1572	rBV3	141895	235628	1.26%	0.265%
19	12.528	1594	1605	1611	rVB	1190670	2023631	10.81%	2.275%
20	13.104	1694	1703	1711	rBV	4941167	7149163	38.19%	8.036%
21	13.316	1734	1739	1751	rVB	297292	482892	2.58%	0.543%
22	13.645	1786	1795	1797	rBV4	166906	324273	1.73%	0.364%
23	13.804	1816	1822	1829	rBV3	261491	486681	2.60%	0.547%
24	14.045	1857	1863	1866	rBV	131740	212244	1.13%	0.239%
25	14.210	1886	1891	1898	rVB2	147608	235869	1.26%	0.265%
26	14.492	1924	1939	1944	rBV2	902627	1529081	8.17%	1.719%
27	14.551	1944	1949	1956	rVV	973184	1491707	7.97%	1.677%
28	14.627	1956	1962	1966	rVB	128662	188489	1.01%	0.212%
29	14.886	2000	2006	2014	rVB	678562	1012466	5.41%	1.138%
30	15.539	2111	2117	2125	rVB	731333	1121720	5.99%	1.261%
31	15.833	2162	2167	2177	rVB3	100525	200136	1.07%	0.225%
32	15.980	2184	2192	2200	rVB	4165488	5998352	32.04%	6.742%
33	16.539	2283	2287	2291	rVB	222078	321942	1.72%	0.362%
34	17.192	2394	2398	2401	rBV	285738	333991	1.78%	0.375%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

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:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.239	2401	2406	2409	rBV	1230439	1682443	8.99%	1.891%
36	17.280	2409	2413	2418	rVB	1254881	1683351	8.99%	1.892%
37	17.368	2424	2428	2434	rVB	232328	325016	1.74%	0.365%
38	17.645	2470	2475	2481	rVB2	458722	659858	3.52%	0.742%
39	17.898	2514	2518	2523	rVB3	155526	204317	1.09%	0.230%
40	18.157	2559	2562	2571	rVB3	132210	278203	1.49%	0.313%
41	18.309	2581	2588	2592	rBV3	193567	370664	1.98%	0.417%
42	18.492	2615	2619	2623	rVB	268564	352424	1.88%	0.396%
43	19.292	2751	2755	2760	rVB	325488	426697	2.28%	0.480%
44	19.656	2814	2817	2825	rVB	283443	437041	2.33%	0.491%
45	19.856	2845	2851	2857	rBV	8812263	11198660	59.82%	12.588%
46	21.415	3111	3116	3121	rBV	1972556	2511638	13.42%	2.823%
47	23.739	3504	3511	3524	rVB	1180440	2362361	12.62%	2.655%

Sum of corrected areas: 88963924

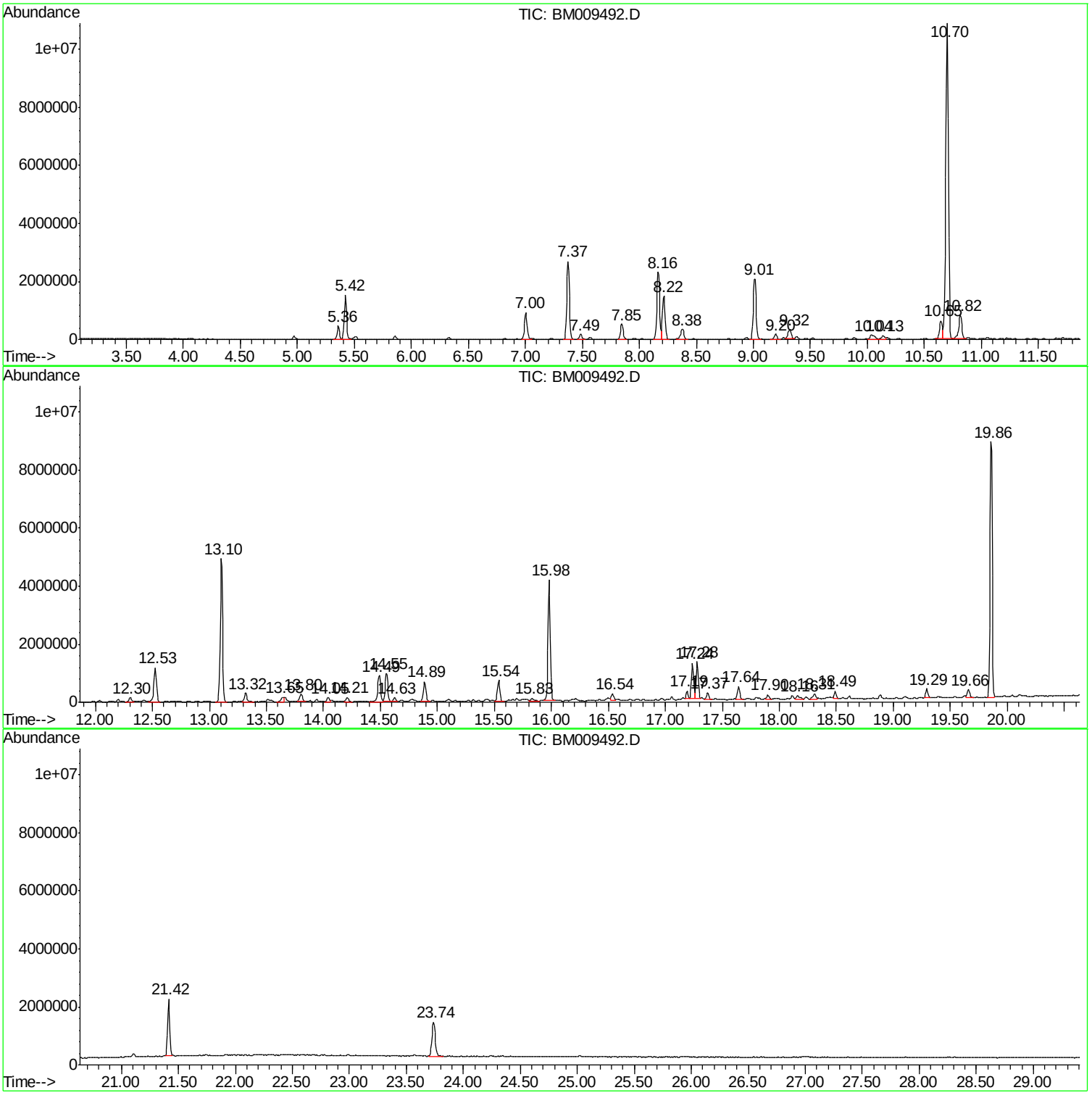
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

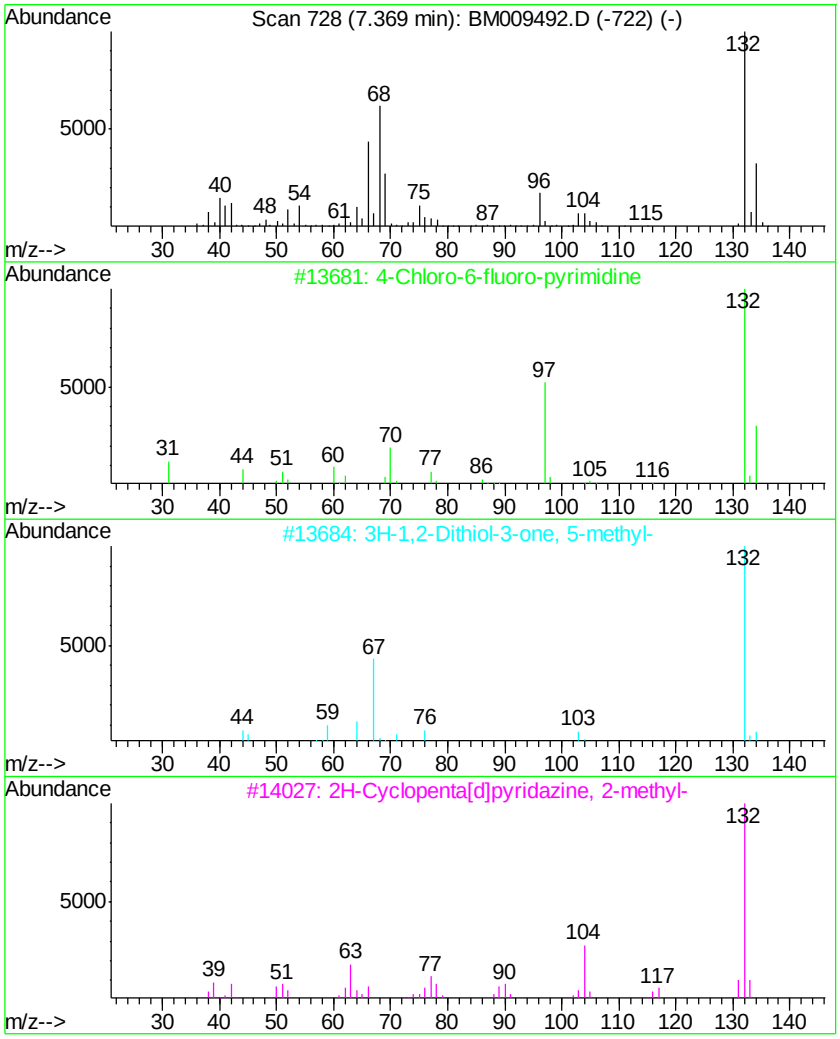
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

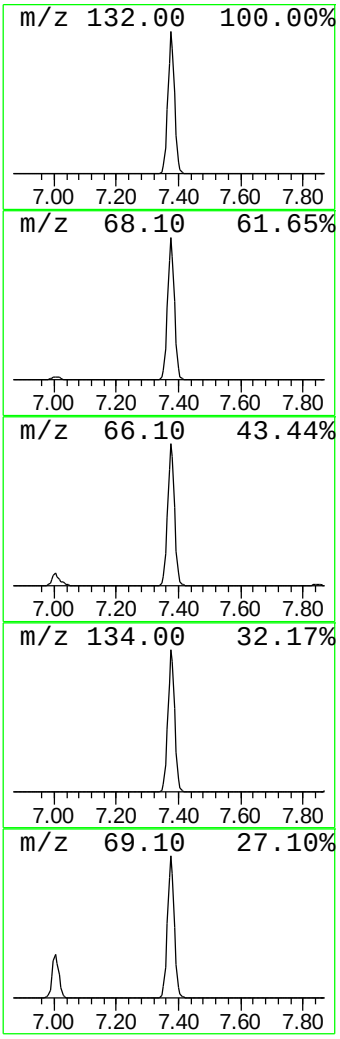
****

Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	97.16 ng	4178880	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

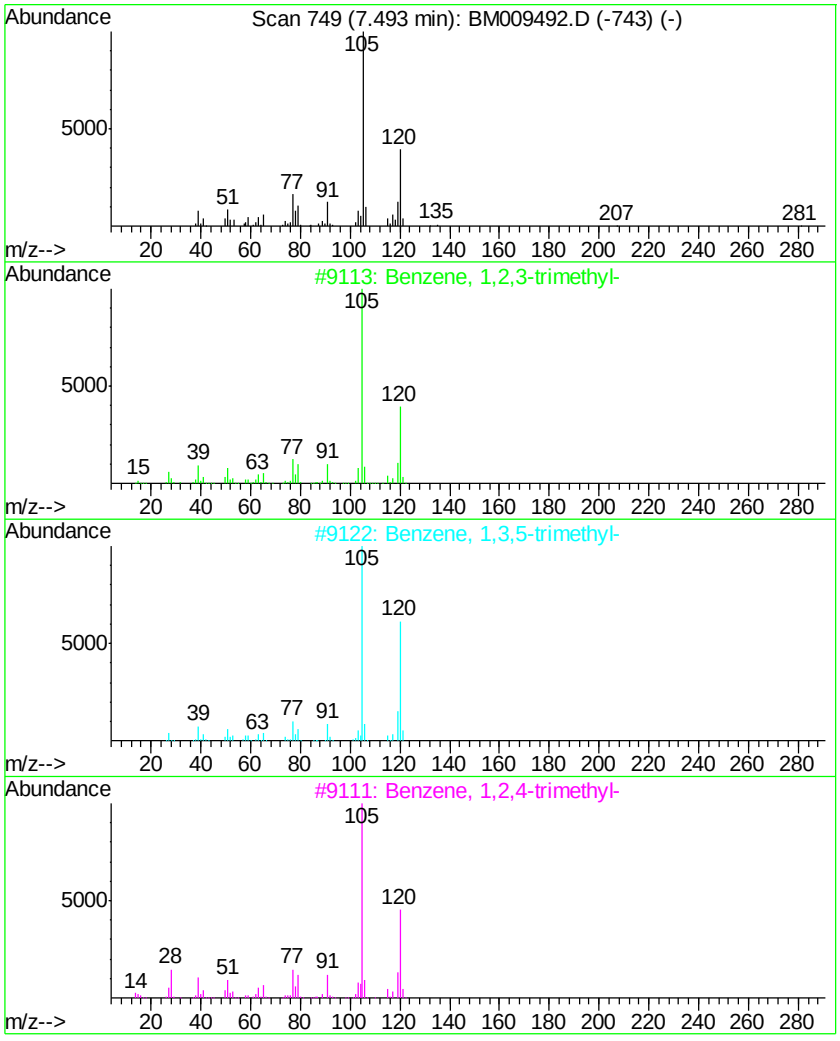
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

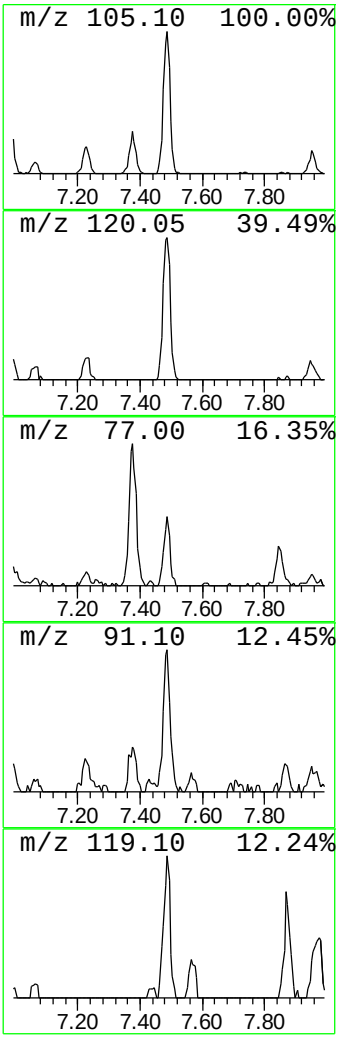
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	6.48 ng	278560	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

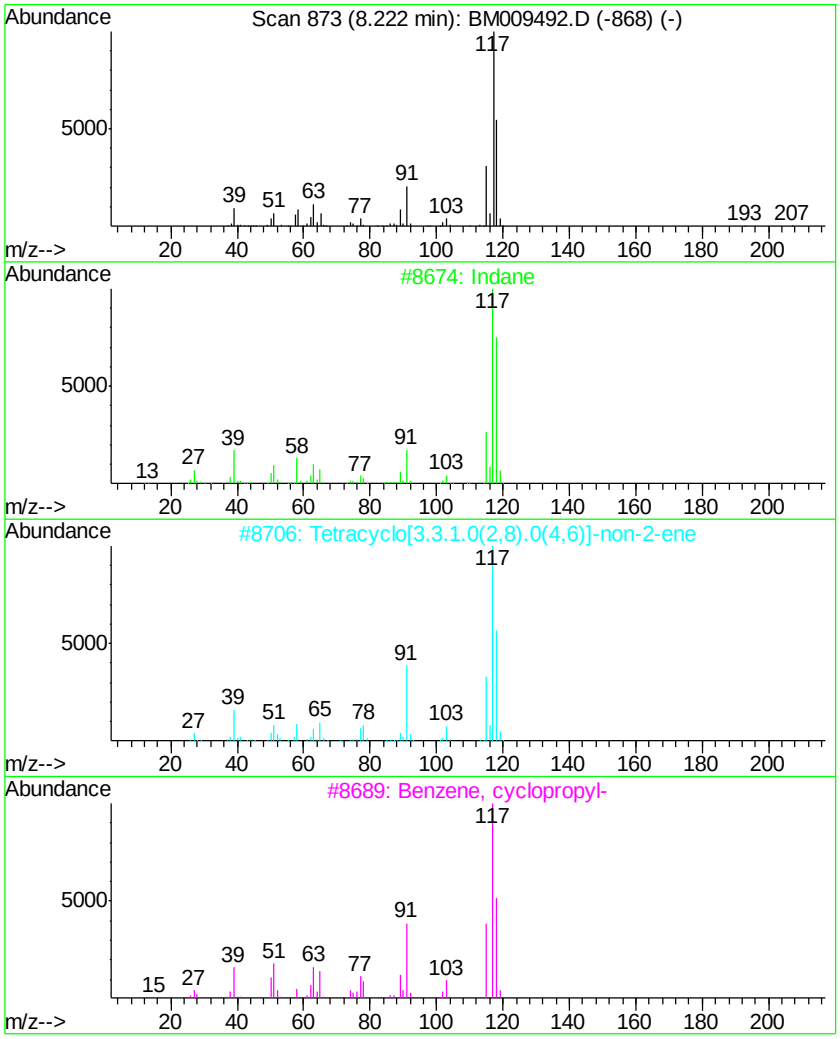
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

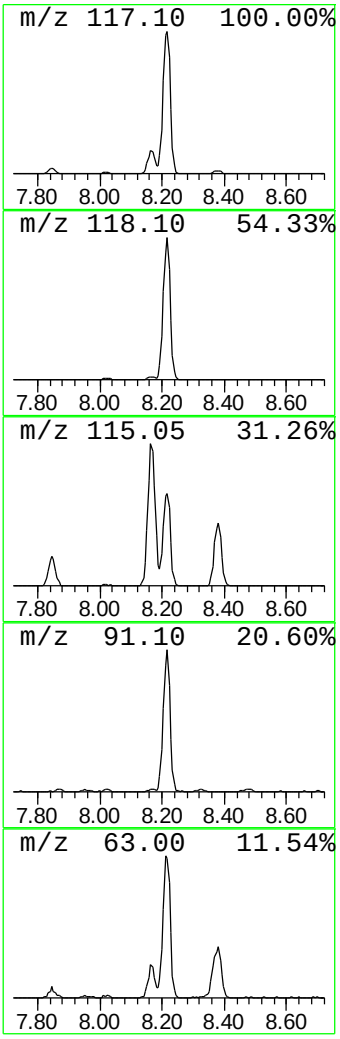
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	54.10 ng	2326980	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

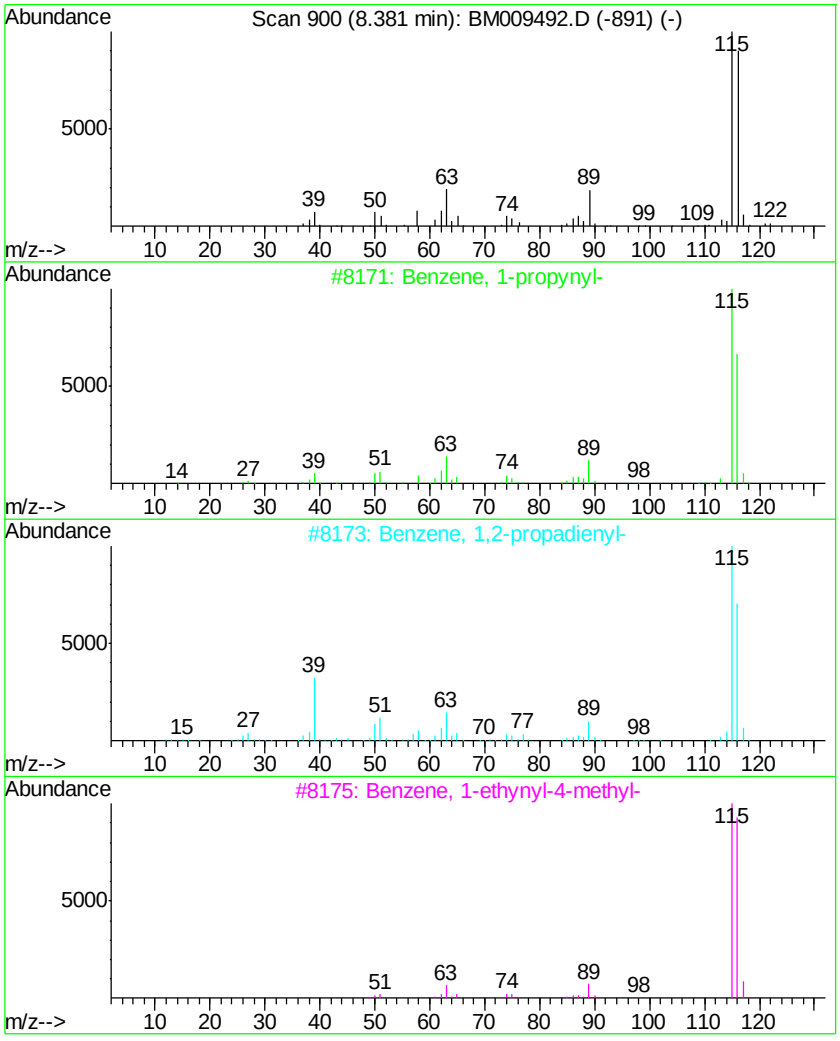
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

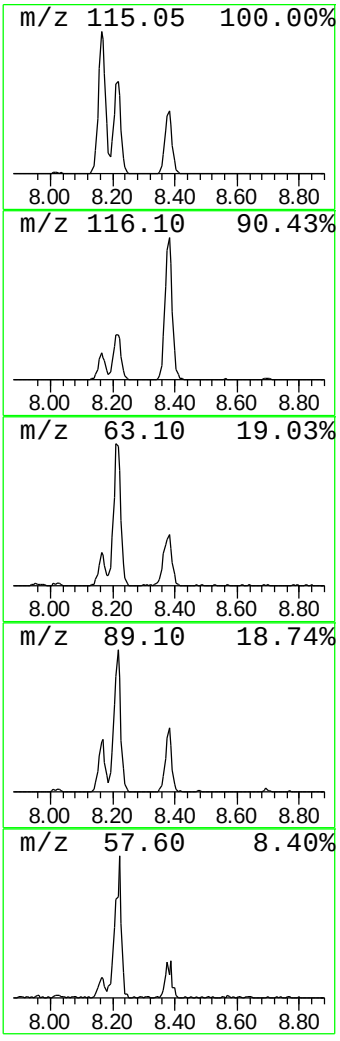
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	16.18 ng	695767	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	Indene	116	C9H8	000095-13-6	86
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	78





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

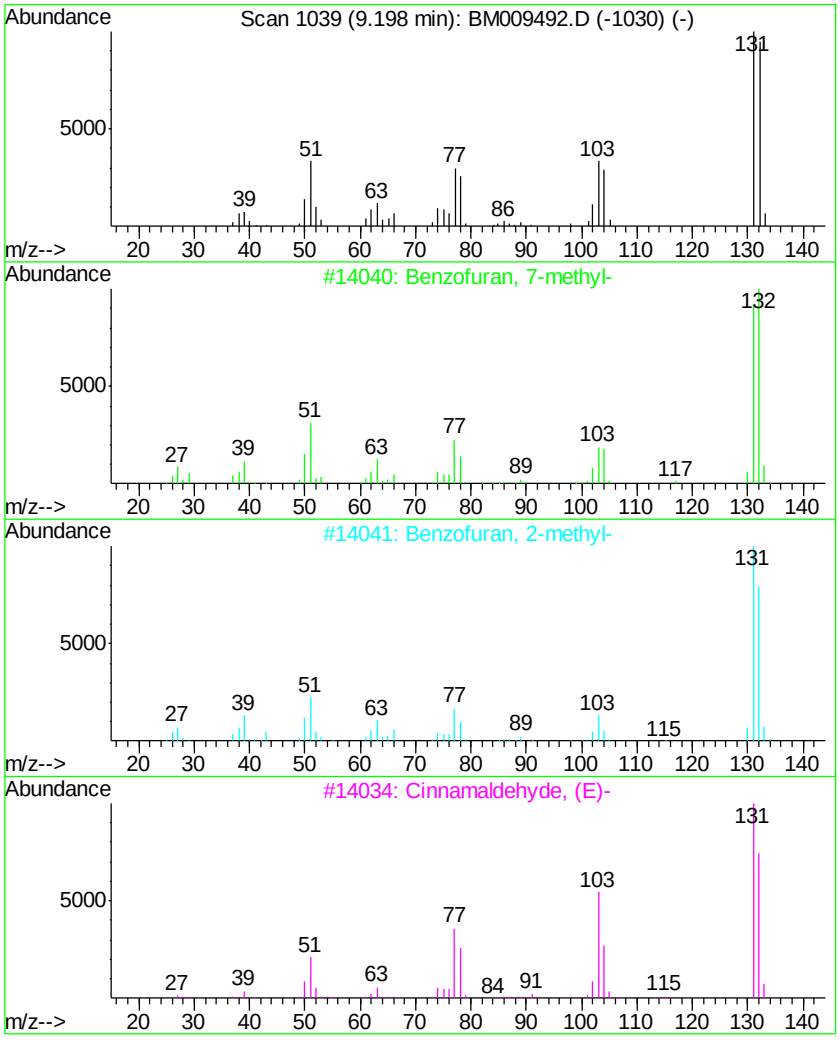
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

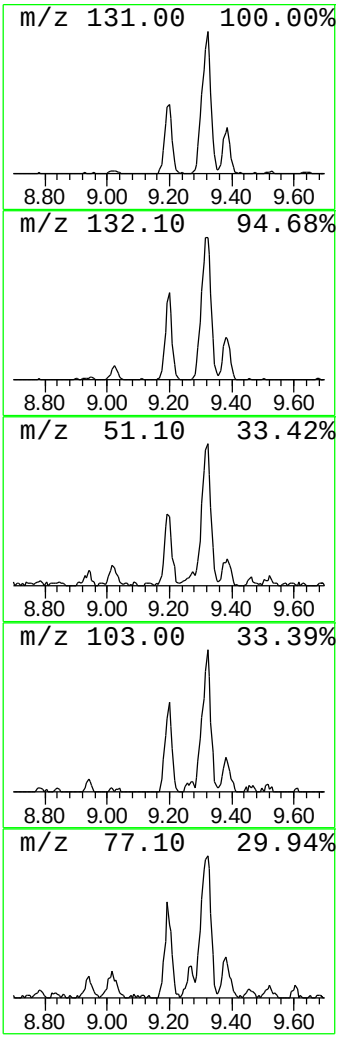
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	7.14 ng	307315	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

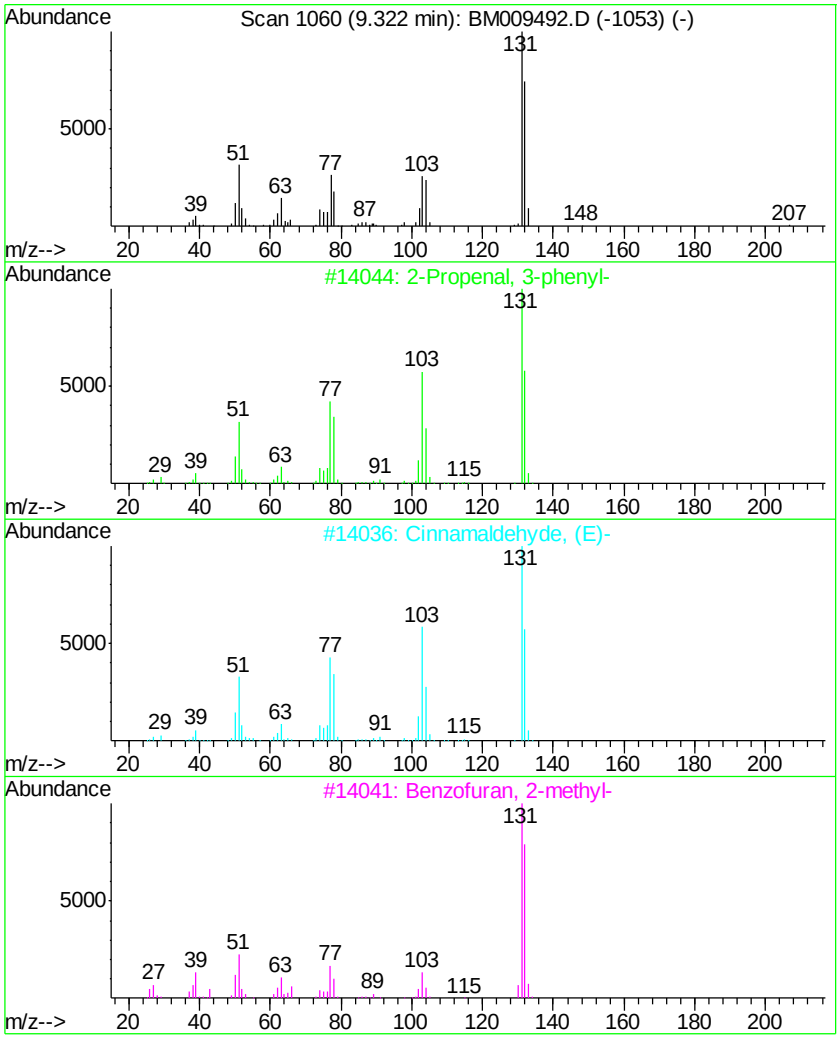
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

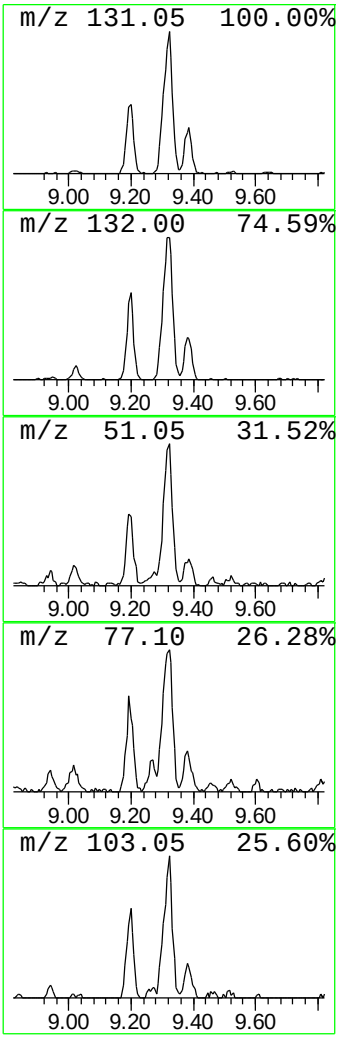
****

Peak Number 8 2-Propenal, 3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	12.17 ng	660242	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	94
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzylidenemalonaldehyde	160	C10H8O2	082700-43-4	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

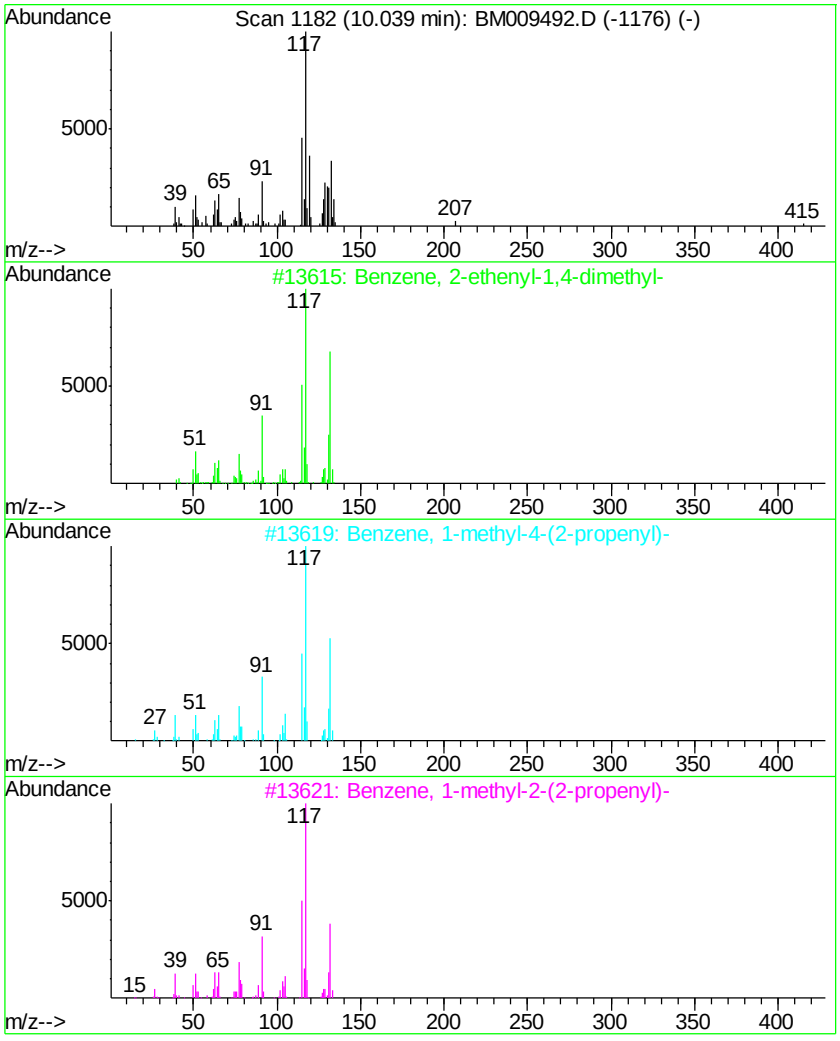
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

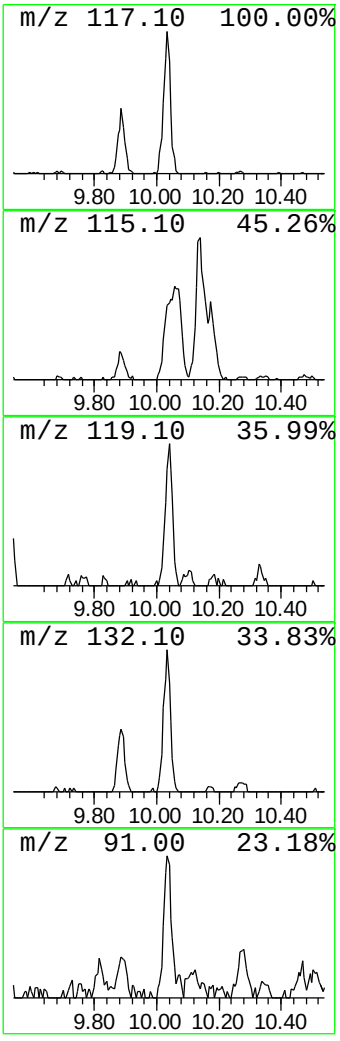
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	7.45 ng	404395	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

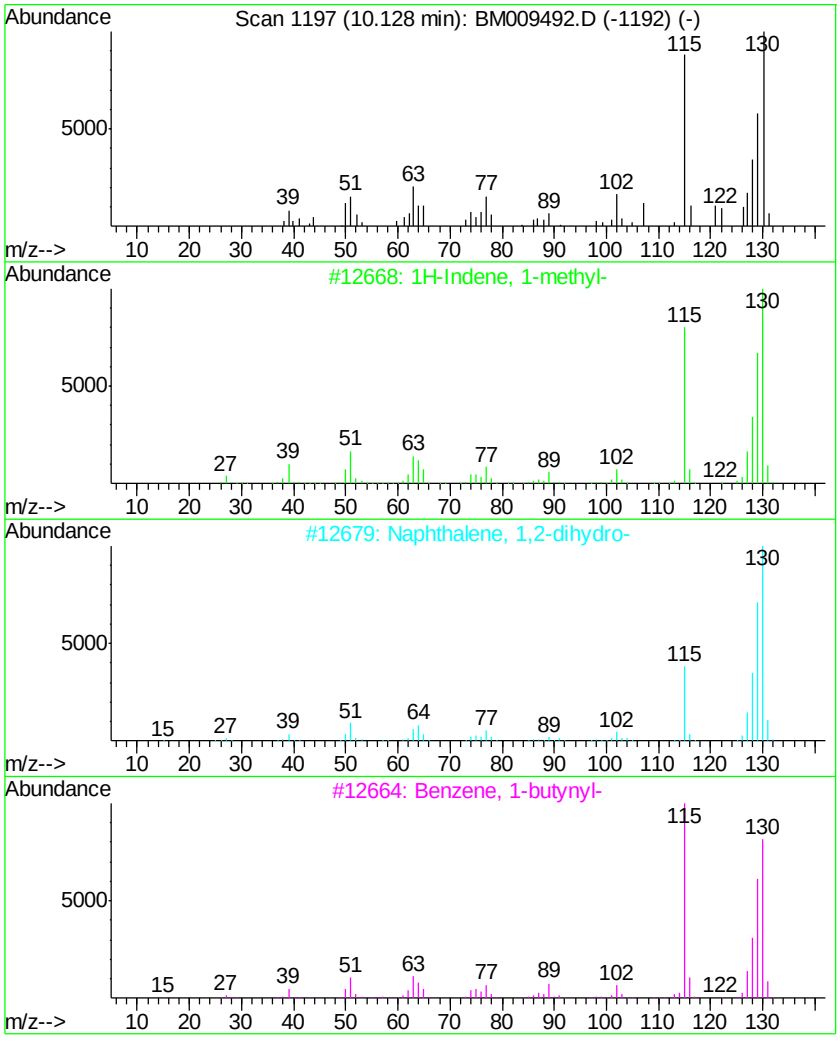
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

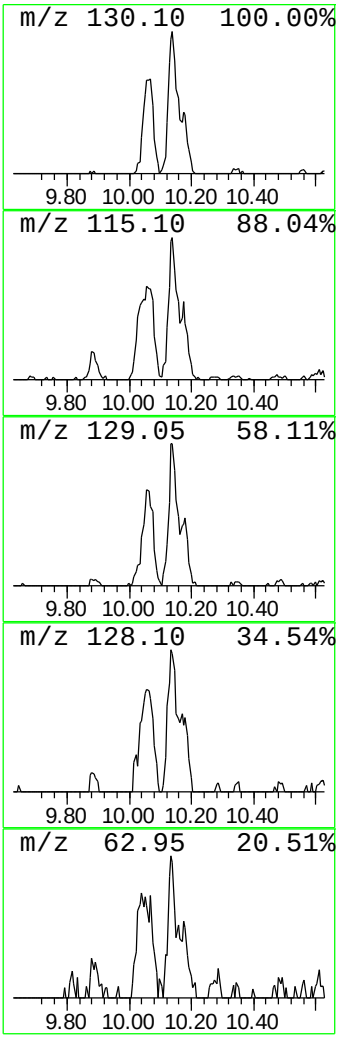
****

Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.82 ng	261742	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
4	2-Methylindene	130	C10H10	002177-47-1	87
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	83





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

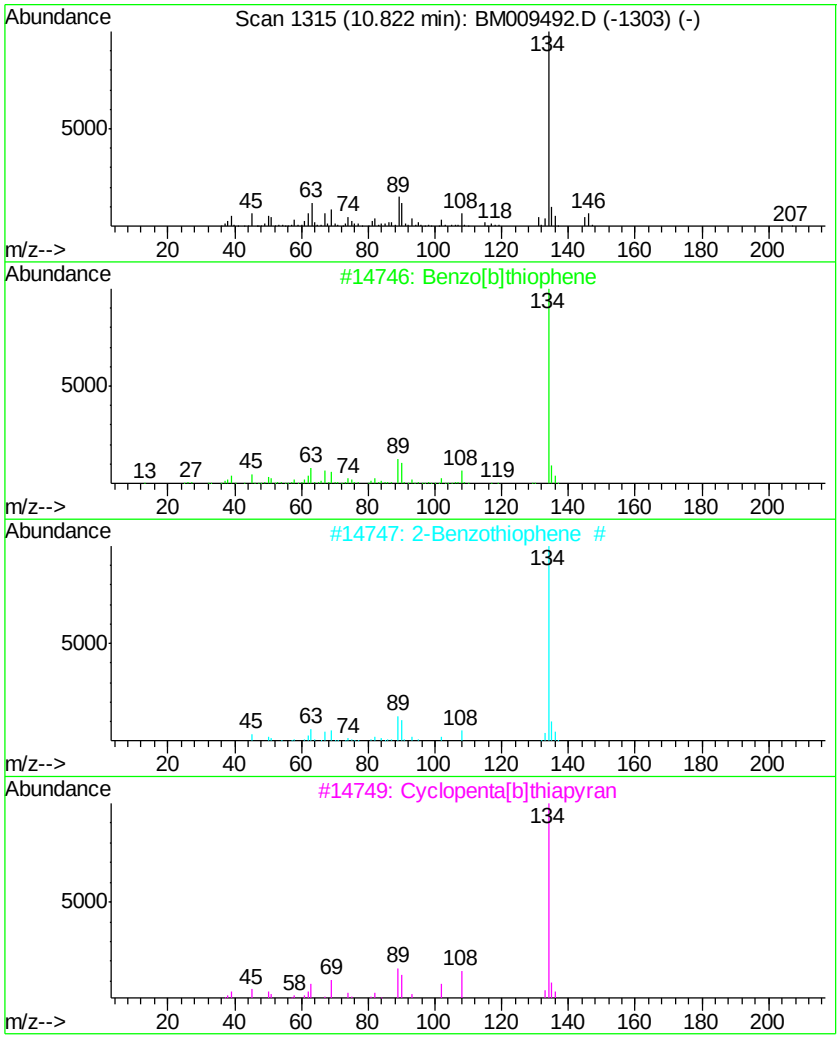
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

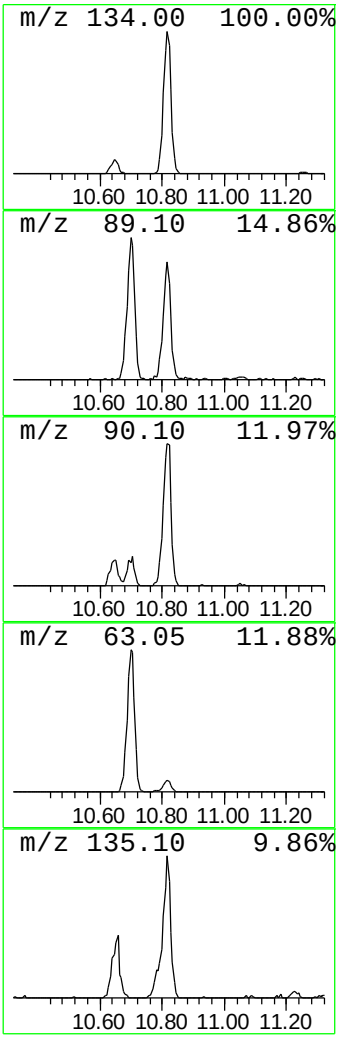
****

Peak Number 11 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	28.66 ng	1555060	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	2-Benzothiophene #	134	C8H6S	000270-82-6	93
3	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	93
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	50
5	2-Allylphenol	134	C9H10O	001745-81-9	50





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

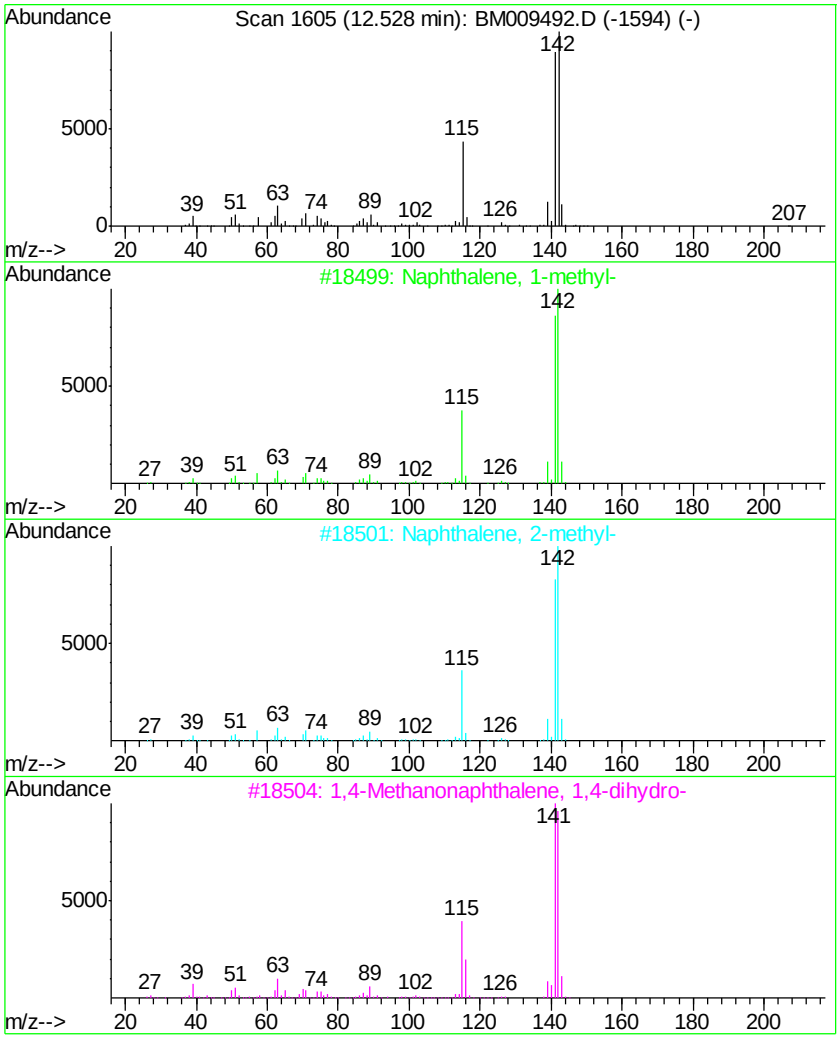
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

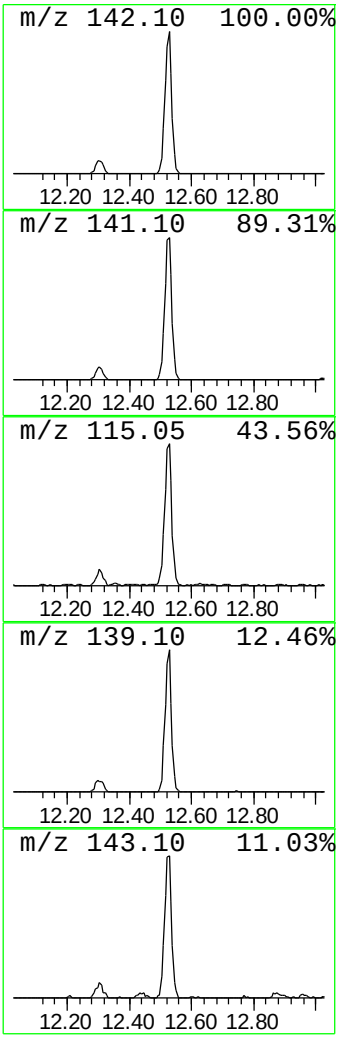
****

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	37.29 ng	2023630	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

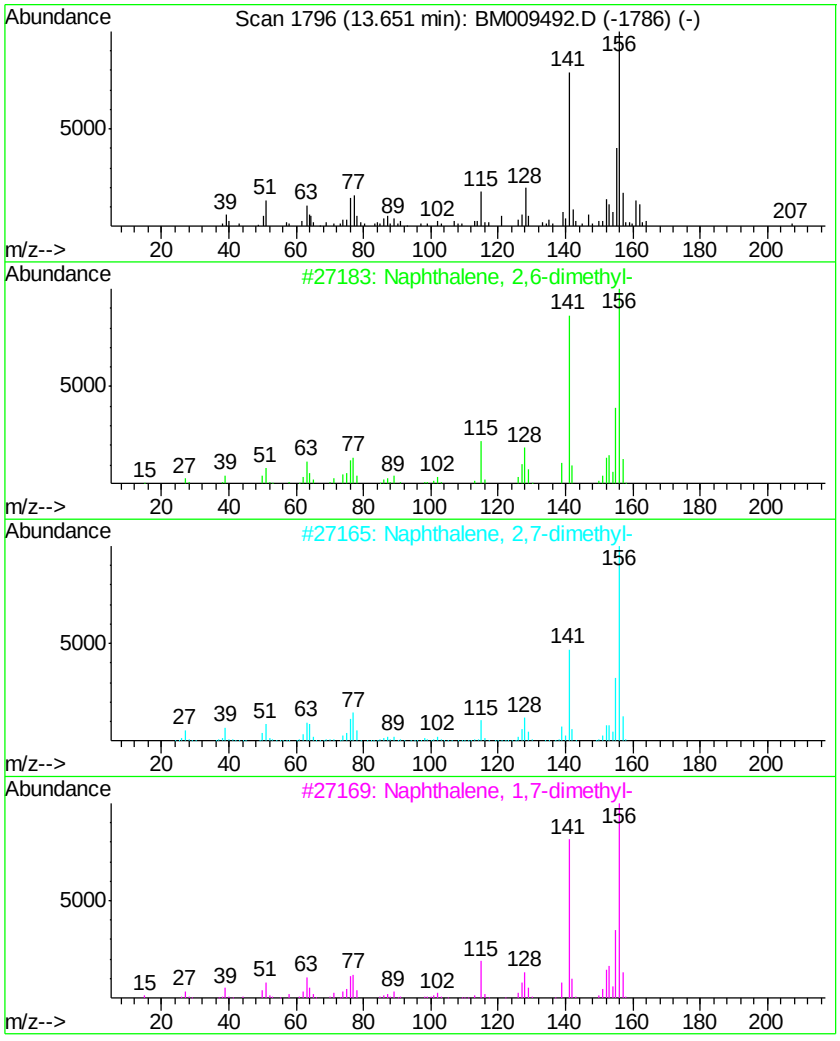
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

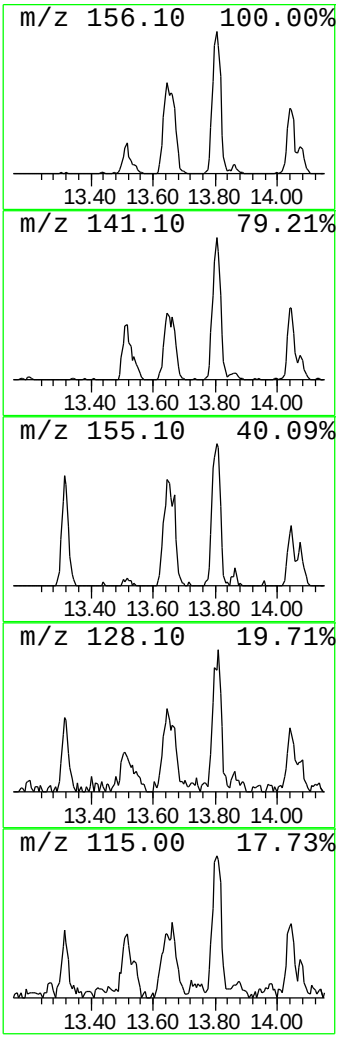
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.24 ng	324273	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

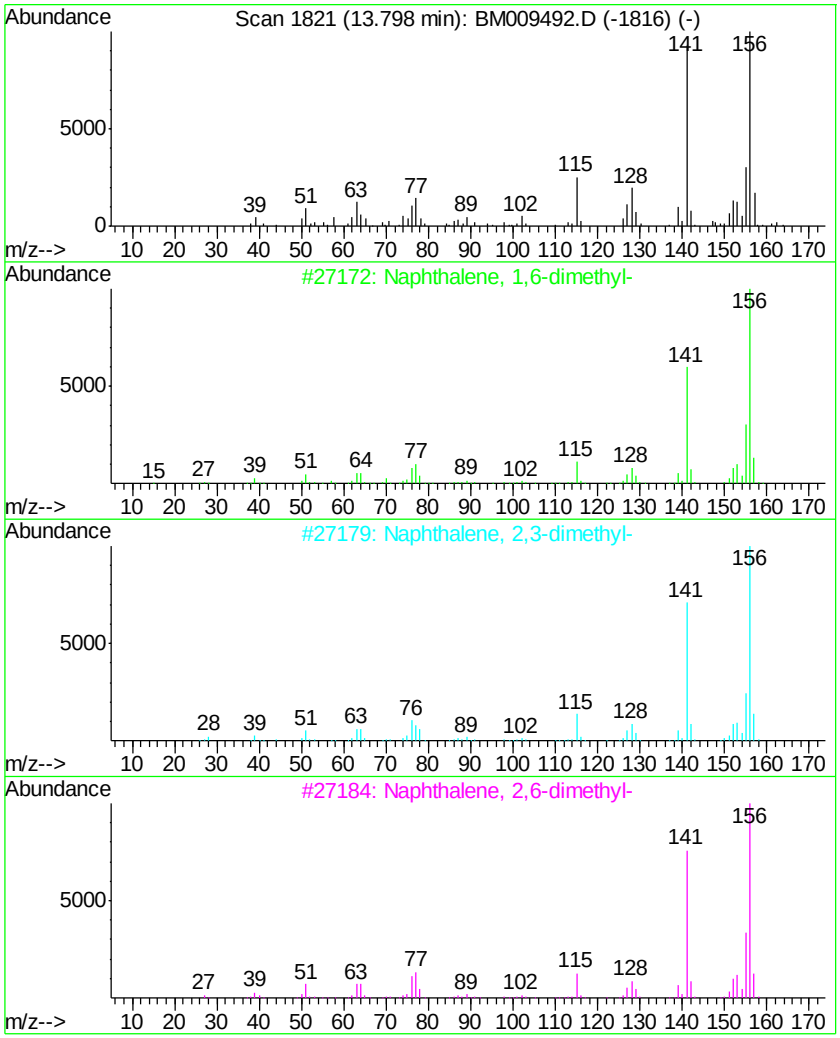
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

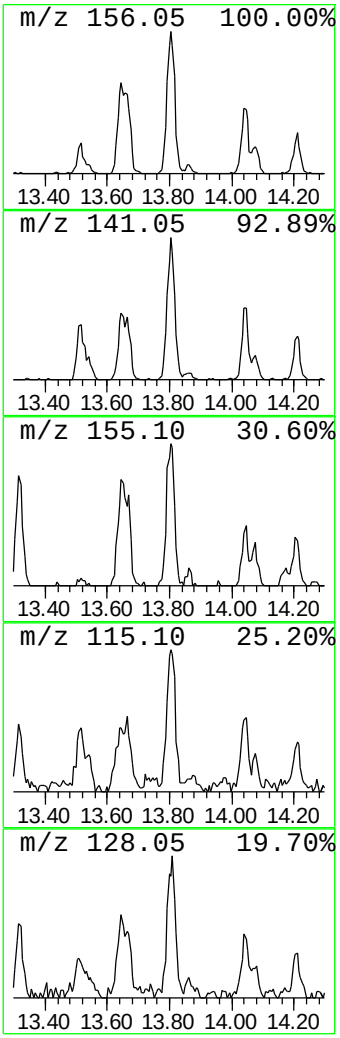
****

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	6.37 ng	486681	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

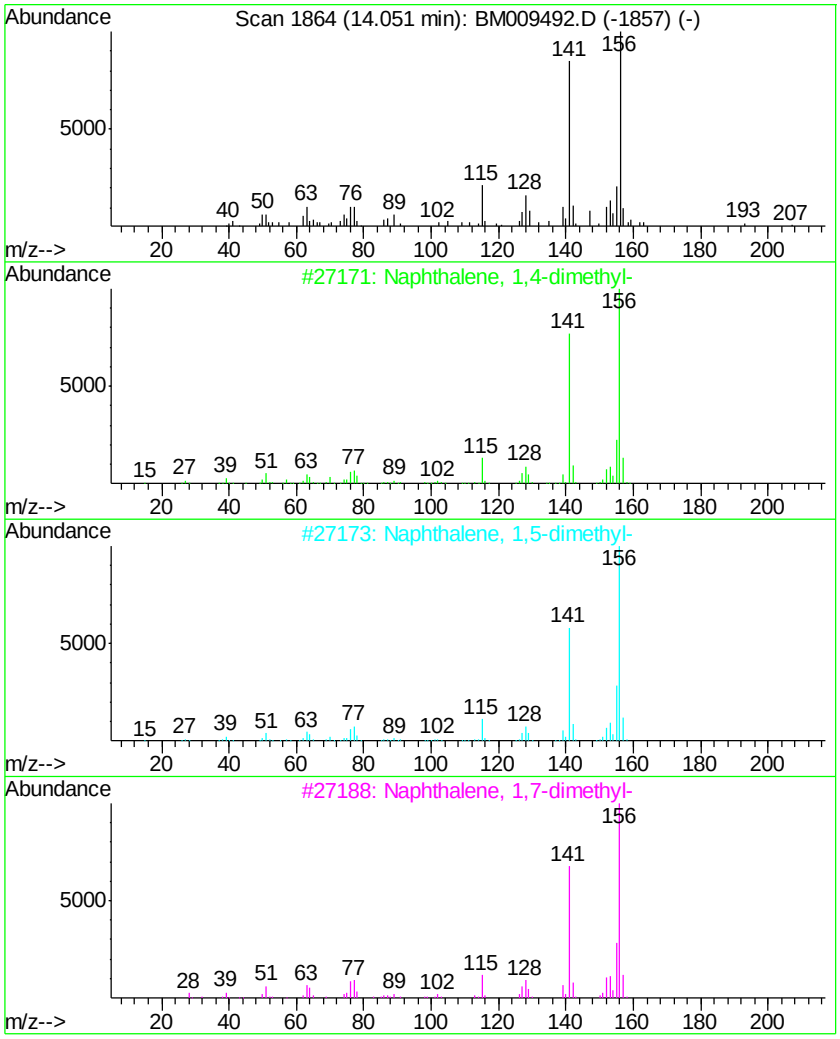
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

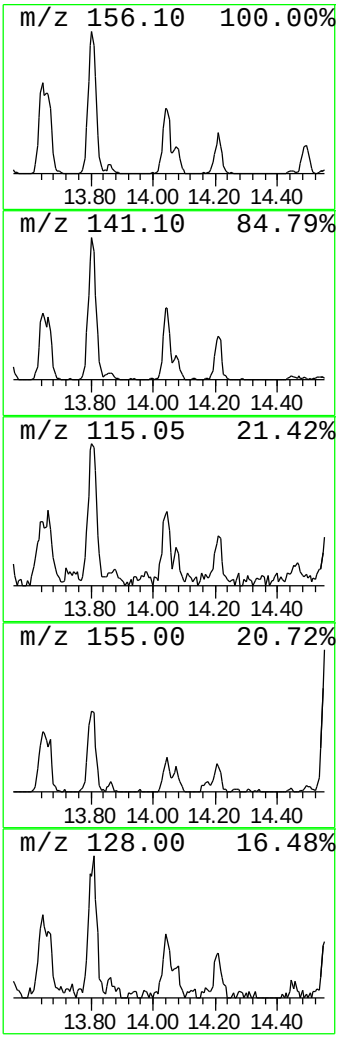
****

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.78 ng	212244	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

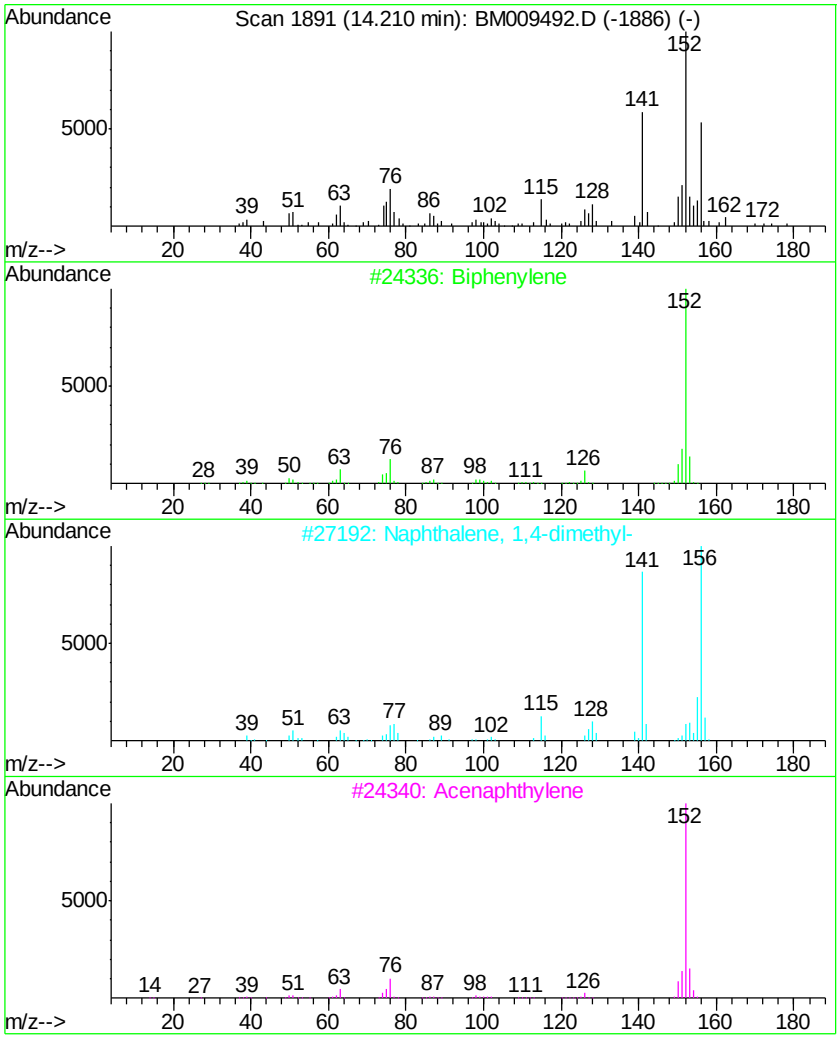
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

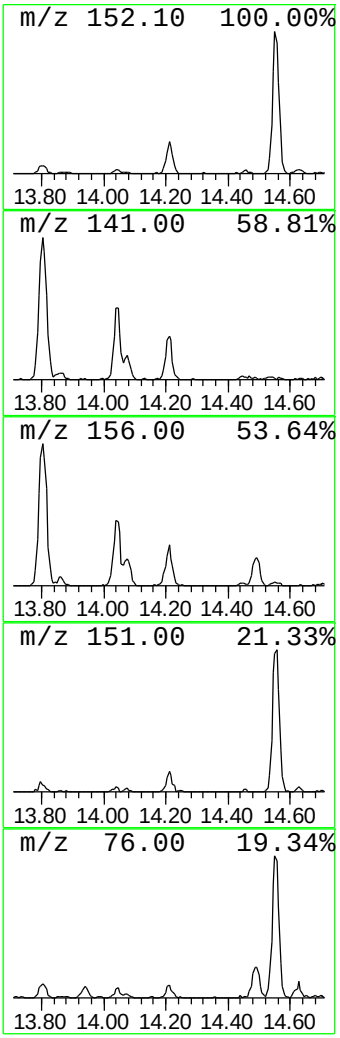
****

Peak Number 16 Biphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.09 ng	235869	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	50
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	46
3	Acenaphthylene	152	C12H8	000208-96-8	45
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	43
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	41





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

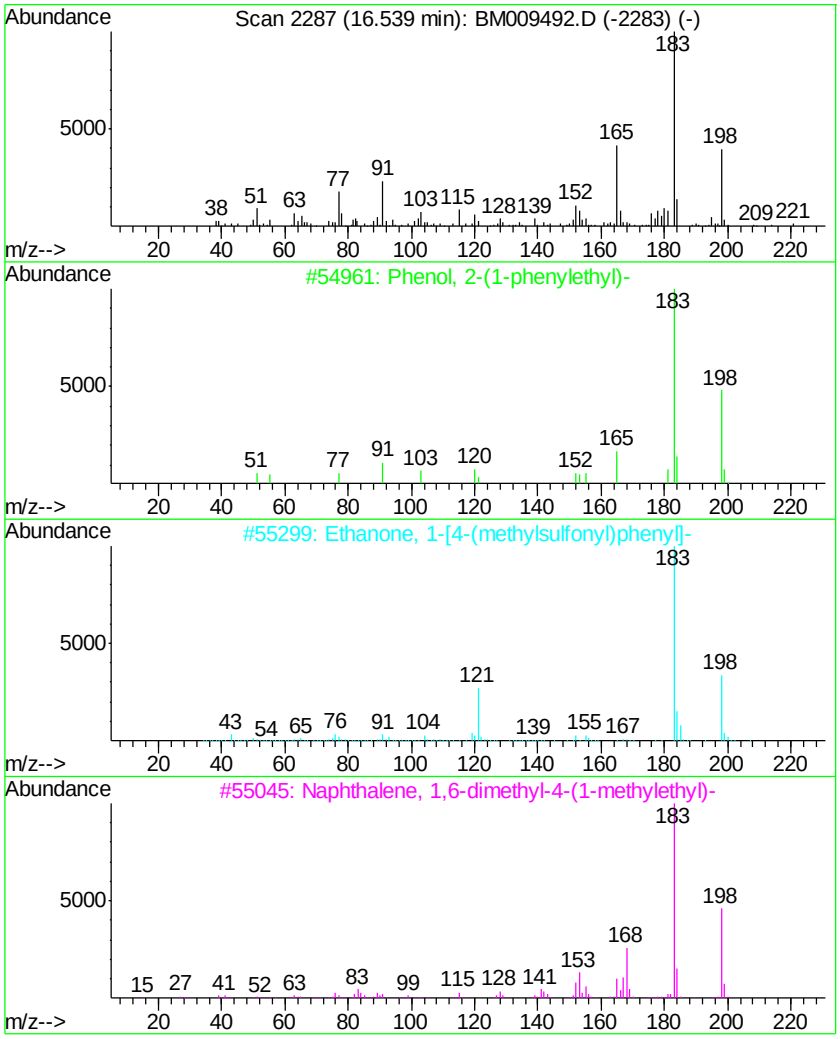
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

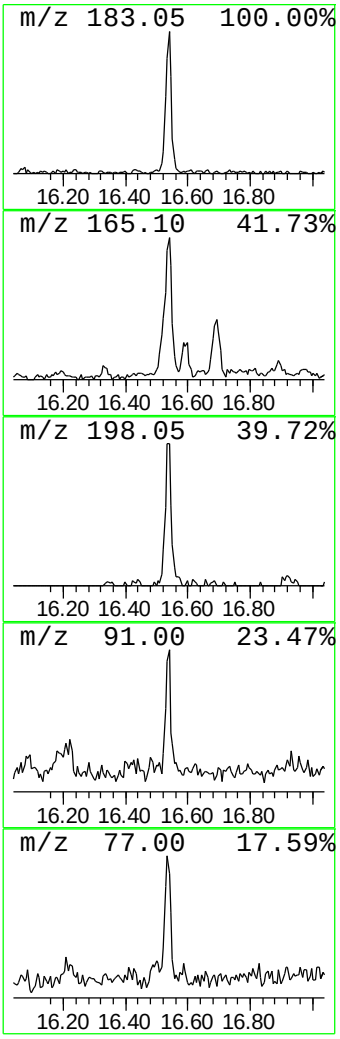
****

Peak Number 17 Phenol, 2-(1-phenylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.83 ng	321942	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	62
2	Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	50
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	50
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	50
5	4-Pentynethioamide, N,N-diethyl-...	183	C10H17NS	035946-24-8	42





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

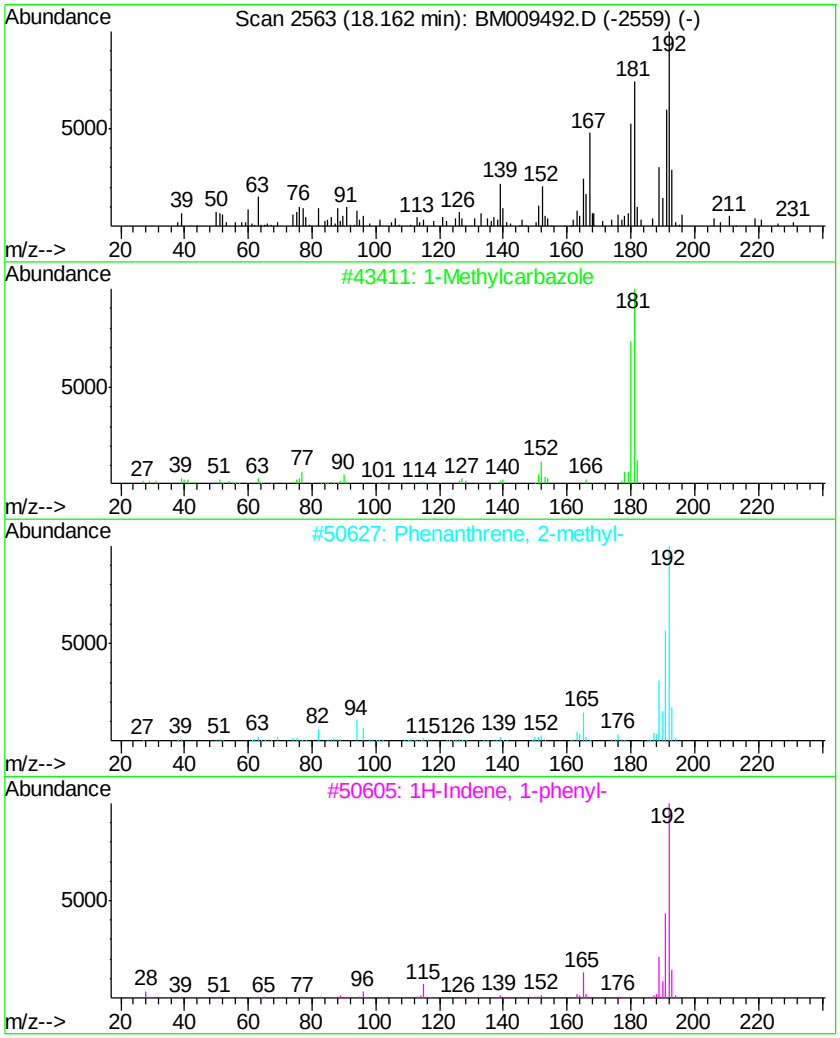
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

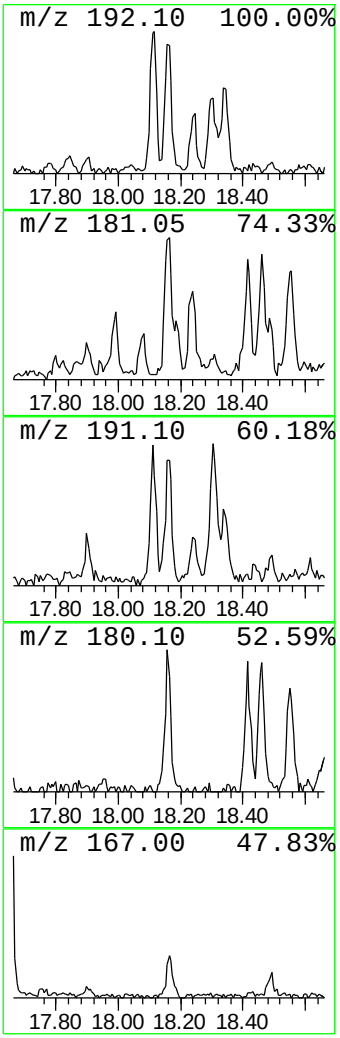
****

Peak Number 18 1-Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.31 ng	278203	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	56
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	43
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	43
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	43





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

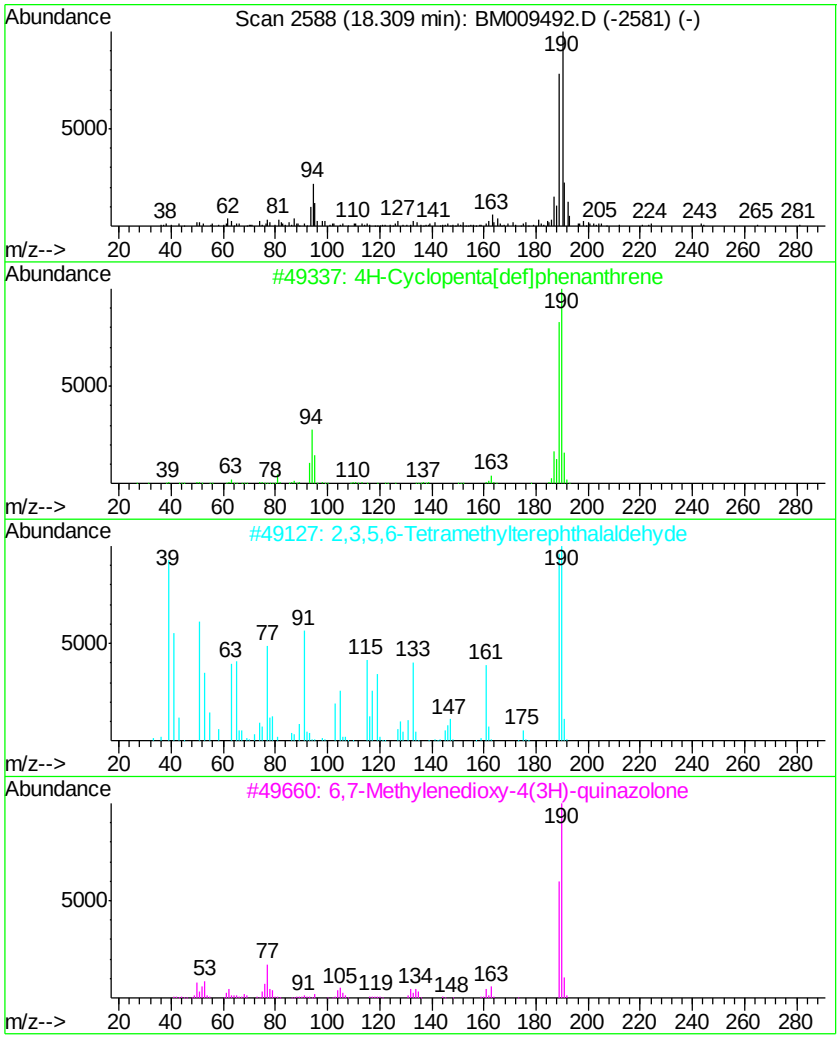
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

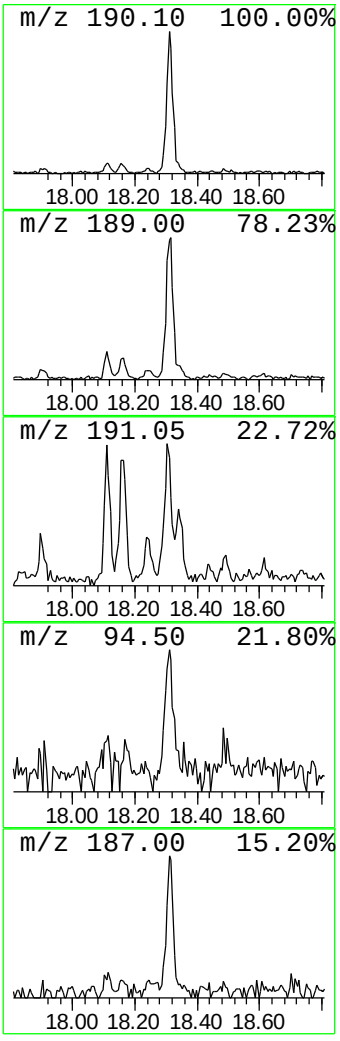
****

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.41 ng	370664	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	42
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Benzo[1,2-b:5,4-b']dithiophene	190	C10H6S2	000267-61-8	35





Data Path : Z:\HPCHEM1\BNA M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

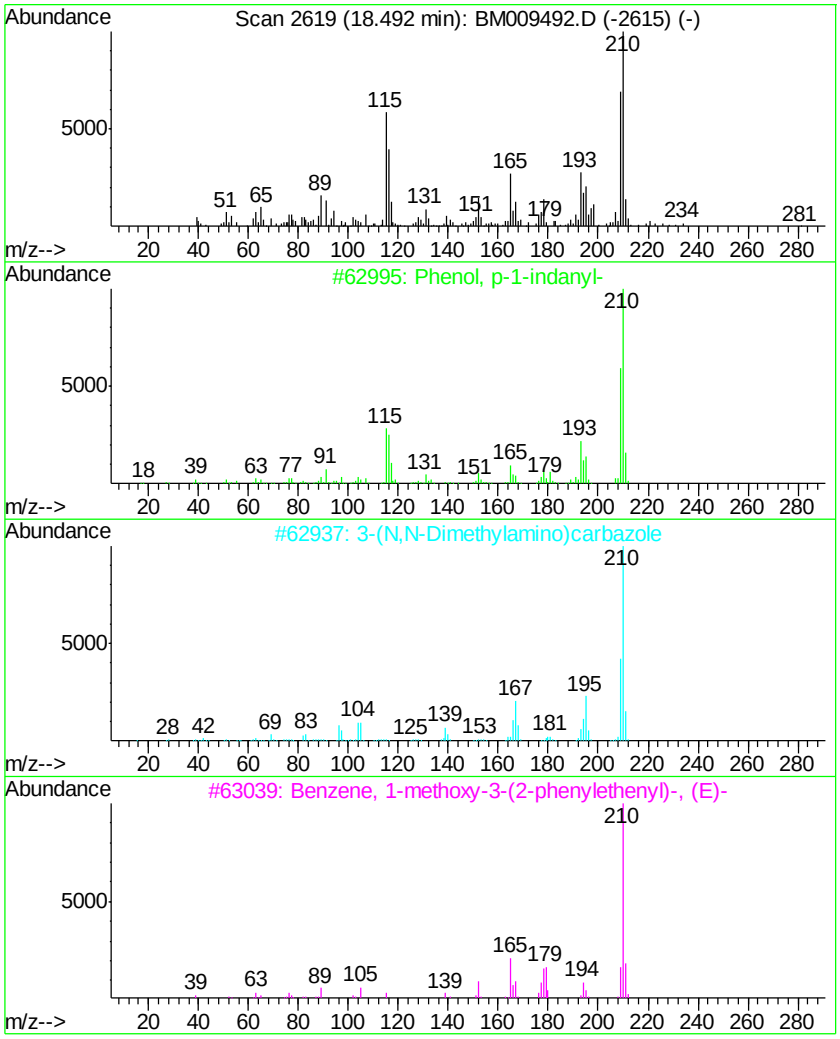
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

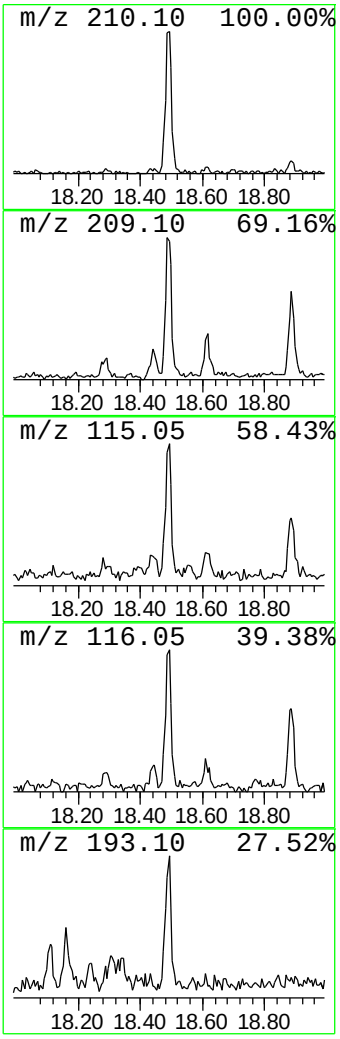
****

Peak Number 20 Phenol, p-1-indanyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.19 ng	352424	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-1-indanyl-	210	C15H14O	005402-37-9	94
2	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	55
3	Benzene, 1-methoxy-3-(2-phenylet...	210	C15H14O	014064-41-6	42
4	4'-Methyl-2-hydroxystilbene	210	C15H14O	1000147-71-1	41
5	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM033117\
Data File : BM009492.D
Acq On : 01 Apr 2017 02:07
Operator : SJ/MA
Sample : I2475-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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
unknown7.37	7.37	97.2	ng	4178880	1	7.85	860238	20.0
Benzene, 1,2,3-tr...	7.49	6.5	ng	278560	1	7.85	860238	20.0
Indane	8.22	54.1	ng	2326980	1	7.85	860238	20.0
Benzene, 1-propynyl-	8.38	16.2	ng	695767	1	7.85	860238	20.0
Benzofuran, 7-met...	9.20	7.1	ng	307315	1	7.85	860238	20.0
2-Propenal, 3-phe...	9.32	12.2	ng	660242	2	10.65	1085300	20.0
Benzene, 2-etheny...	10.04	7.5	ng	404395	2	10.65	1085300	20.0
1H-Indene, 1-methyl-	10.13	4.8	ng	261742	2	10.65	1085300	20.0
Benzo[b]thiophene	10.82	28.7	ng	1555060	2	10.65	1085300	20.0
Naphthalene, 1-me...	12.53	37.3	ng	2023630	2	10.65	1085300	20.0
Naphthalene, 2,6-...	13.65	4.2	ng	324273	3	14.49	1529080	20.0
Naphthalene, 1,6-...	13.80	6.4	ng	486681	3	14.49	1529080	20.0
Naphthalene, 1,4-...	14.05	2.8	ng	212244	3	14.49	1529080	20.0
Biphenylene	14.21	3.1	ng	235869	3	14.49	1529080	20.0
Phenol, 2-(1-phen...	16.54	3.8	ng	321942	4	17.24	1682440	20.0
1-Methylcarbazole	18.16	3.3	ng	278203	4	17.24	1682440	20.0
4H-Cyclopenta[def...	18.31	4.4	ng	370664	4	17.24	1682440	20.0
Phenol, p-1-indanyl-	18.49	4.2	ng	352424	4	17.24	1682440	20.0