LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

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-BF091020.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	5.381	556	560	576	rBV	1788329	1870019	91.71%	7.841%
2	5.704	612	615	630	rBV	60717	94483	4.63%	0.396%
3	6.404	730	734	752	rBV	1821134	1899192	93.14%	7.963%
4	6.757	791	794	800	rBV	728562	585213	28.70%	2.454%
5	7.322	886	890	902	rBV	1501931	1663169	81.57%	6.973%
6	8.039	1009	1012	1016	rBV	795535	713815	35.01%	2.993%
7	8.369	1065	1068	1074	rBV	90723	109109	5.35%	0.457%
8	8.498	1089	1090	1094	rVB	74322	62777	3.08%	0.263%
9	8.581	1100	1104	1109	rBV6	46741	78253	3.84%	0.328%
10	8.675	1114	1120	1122	rBV5	54634	120665	5.92%	0.506%
11	8.728	1126	1129	1135	rVB7	56790	76213	3.74%	0.320%
12	8.786	1136	1139	1141	rBV2	86134	82998	4.07%	0.348%
13	8.816	1141	1144	1147	rBV4	71179	101324	4.97%	0.425%
14	8.992	1172	1174	1177	rBV4	64455	78407	3.85%	0.329%
15	9.033	1178	1181	1183	rVV	202313	174368	8.55%	0.731%
16	9.063	1183	1186	1189	rVV4	106693	110345	5.41%	0.463%
17	9.116	1191	1195	1200	rVV	2079227	2038966	100.00%	8.549%
18	9.192	1205	1208	1212	rBV2	417825	457602	22.44%	1.919%
19	9.239	1214	1216	1218	rBV2	118992	111571	5.47%	0.468%
20	9.392	1240	1242	1244	rBV2	135912	141958	6.96%	0.595%
21	9.504	1258	1261	1266	rBV3	983408	1204335	59.07%	5.050%
22	9.563	1268	1271	1274	rVB2	304576	365114	17.91%	1.531%
23	9.663	1285	1288	1291	rBV2	733940	892613	43.78%	3.743%
24	9.710	1293	1296	1299	rVB	1306217	1173581	57.56%	4.921%
25	9.745	1300	1302	1304	rBV2	217331	190147	9.33%	0.797%
26	9.780	1304	1308	1309	rBV2	558450	645220	31.64%	2.705%
27	9.798	1309	1311	1314	rVB	967230	785173	38.51%	3.292%
28	9.839	1315	1318	1320	rBV2	340592	362552	17.78%	1.520%
29	10.057	1353	1355	1358	rBV2	374700	371468	18.22%	1.557%
30	10.116	1363	1365	1366	rBV	401433	321094	15.75%	1.346%
31	10.169	1371	1374	1377	rBV5	406032	391595	19.21%	1.642%
32	10.204	1377	1380	1383	rBV2	1093168	1163806	57.08%	4.880%
33	10.592	1444	1446	1449	rBV	788442	721543	35.39%	3.025%
34	10.727	1465	1469	1475	rVB2	1094298	1488547	73.00%	6.241%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.880	1832	1835	1838	rVB	1199791	1053338	51.66%	4.416%
36	13.904	2006	2009	2011	rVV	370310	316925	15.54%	1.329%
37	13.933	2011	2014	2019	rVB	634932	675012	33.11%	2.830%
38	14.545	2115	2118	2122	rVB	394092	358577	17.59%	1.503%
39	15.368	2253	2258	2266	rVB	611720	799473	39.21%	3.352%

Sum of corrected areas: 23850560

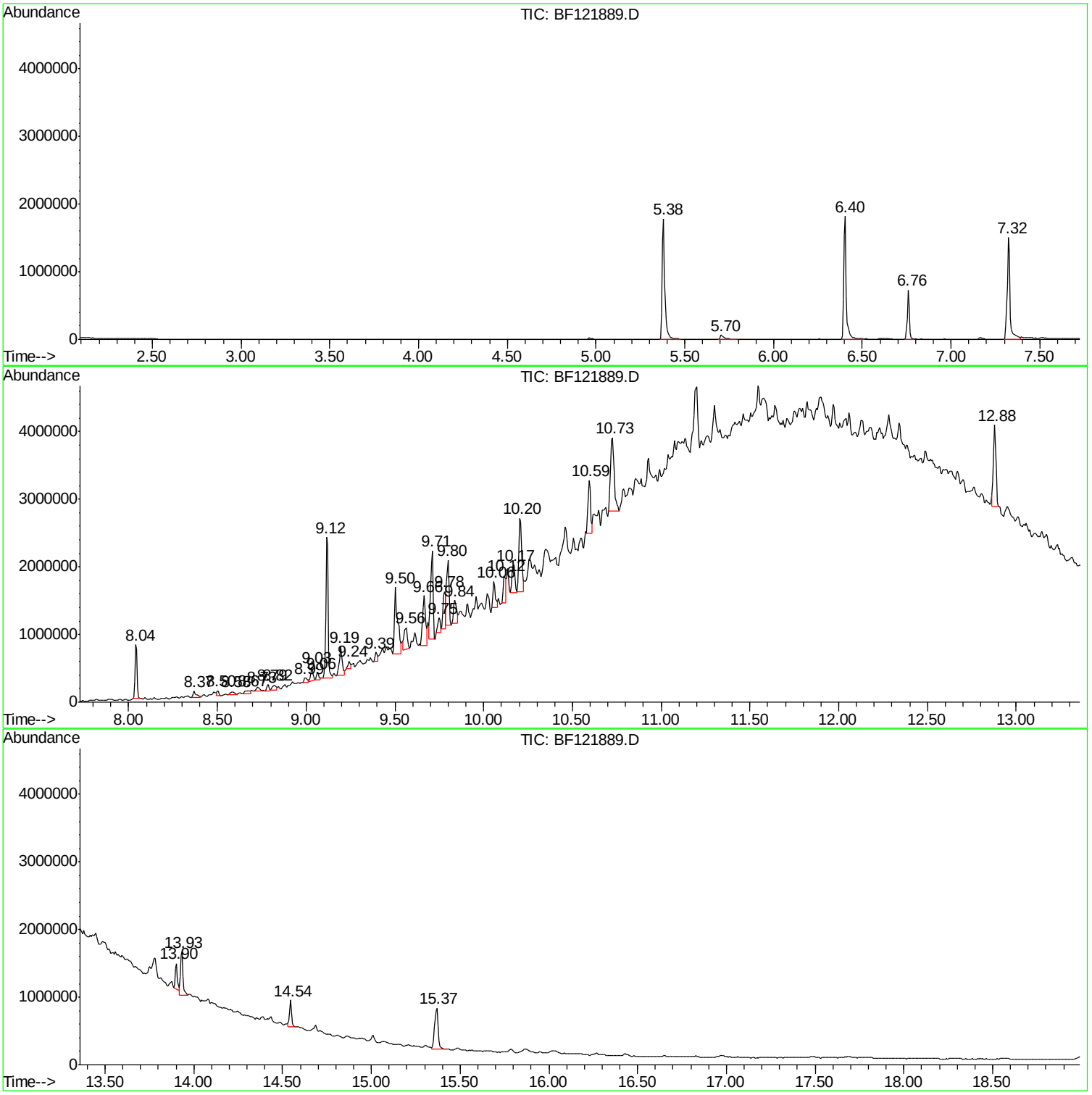
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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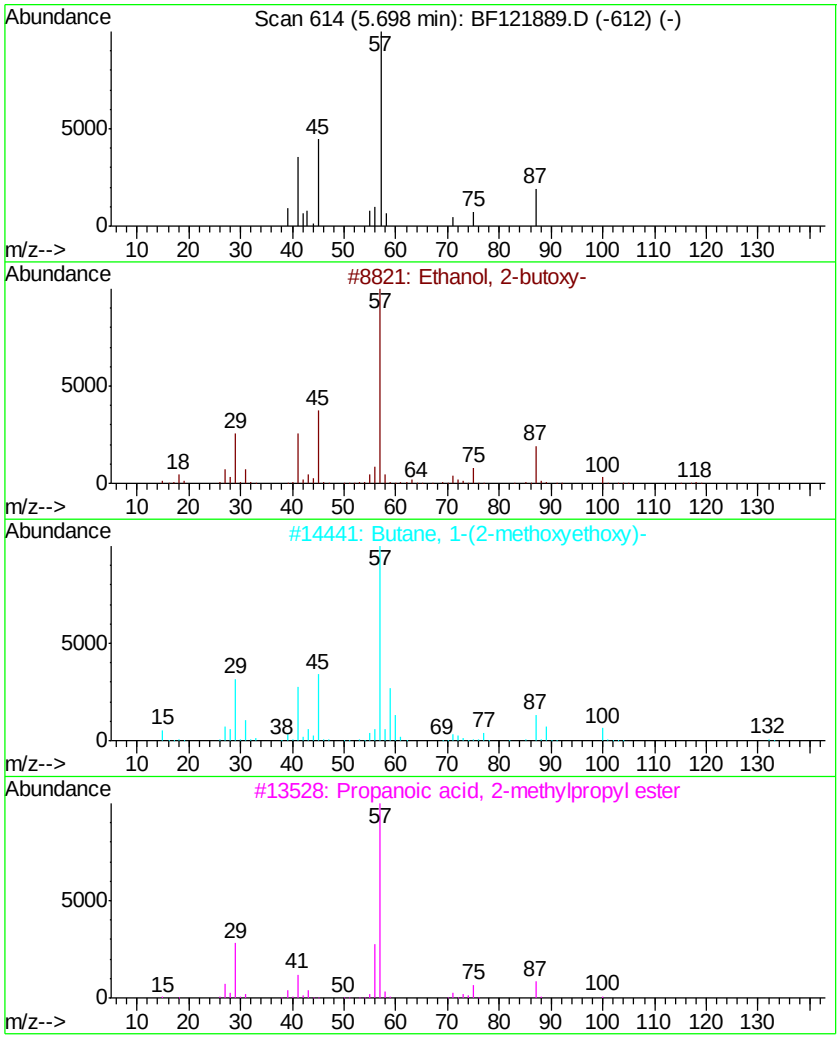
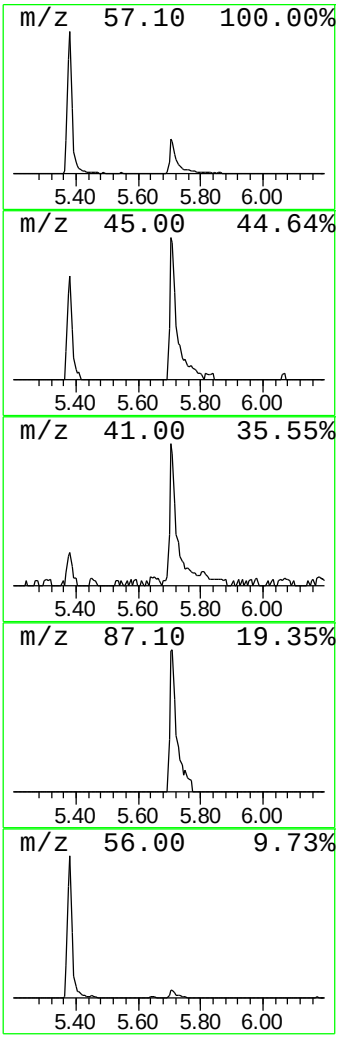
Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	3.23 ng	94483	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Butane, 1-(2-methoxyethoxy)-	132	C7H16O2	013343-98-1	39
3	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	25
4	n-Butyl ether	130	C8H18O	000142-96-1	16
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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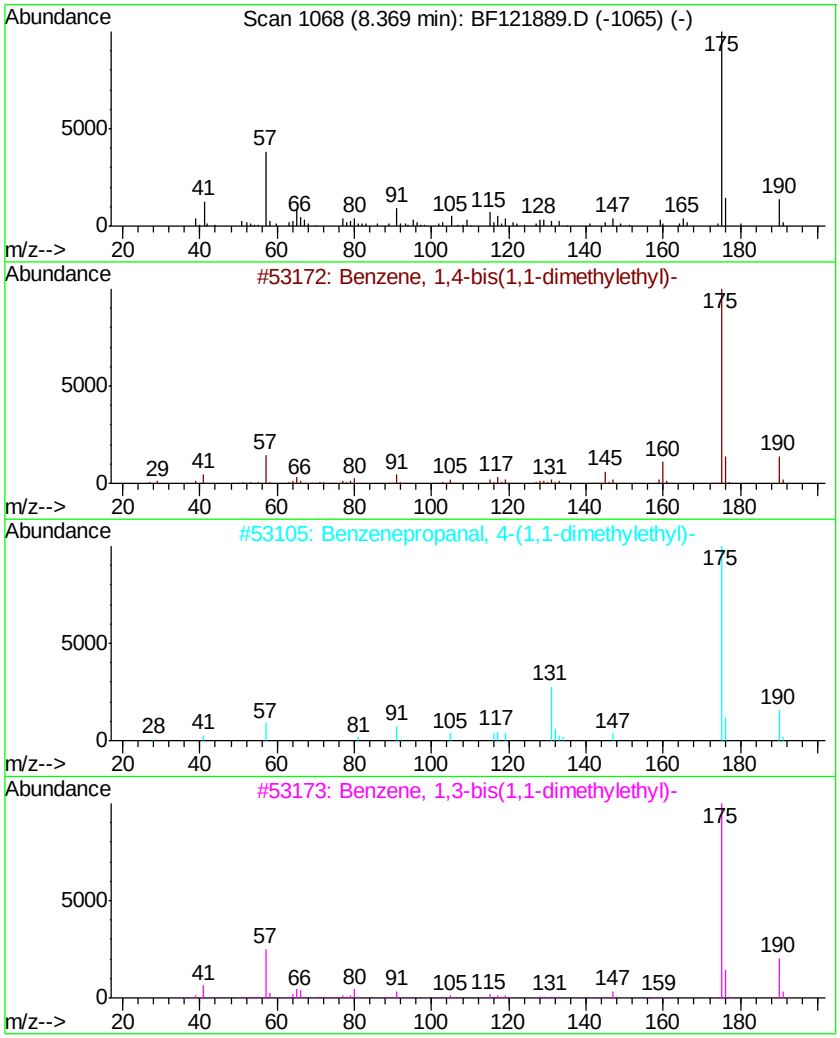
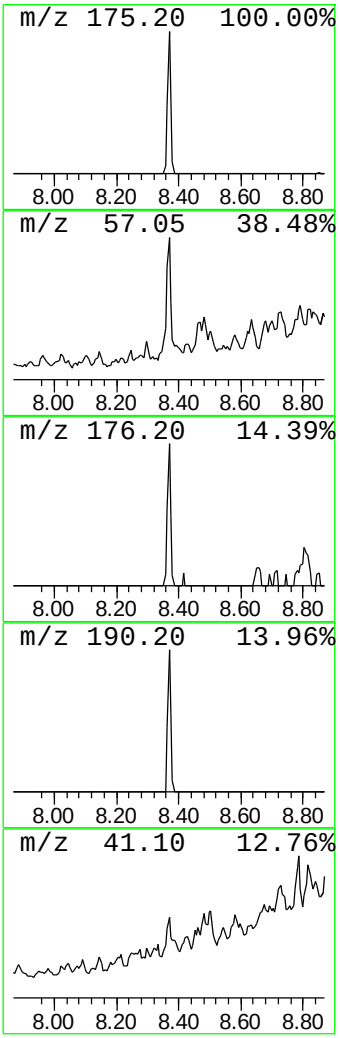
Peak Number 2 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	3.06 ng	109109	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	90
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	87
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
4	4,5-Dihydro-5-oxo-3-(p-tolyl)iso...	175	C10H9NO2	025755-82-2	59
5	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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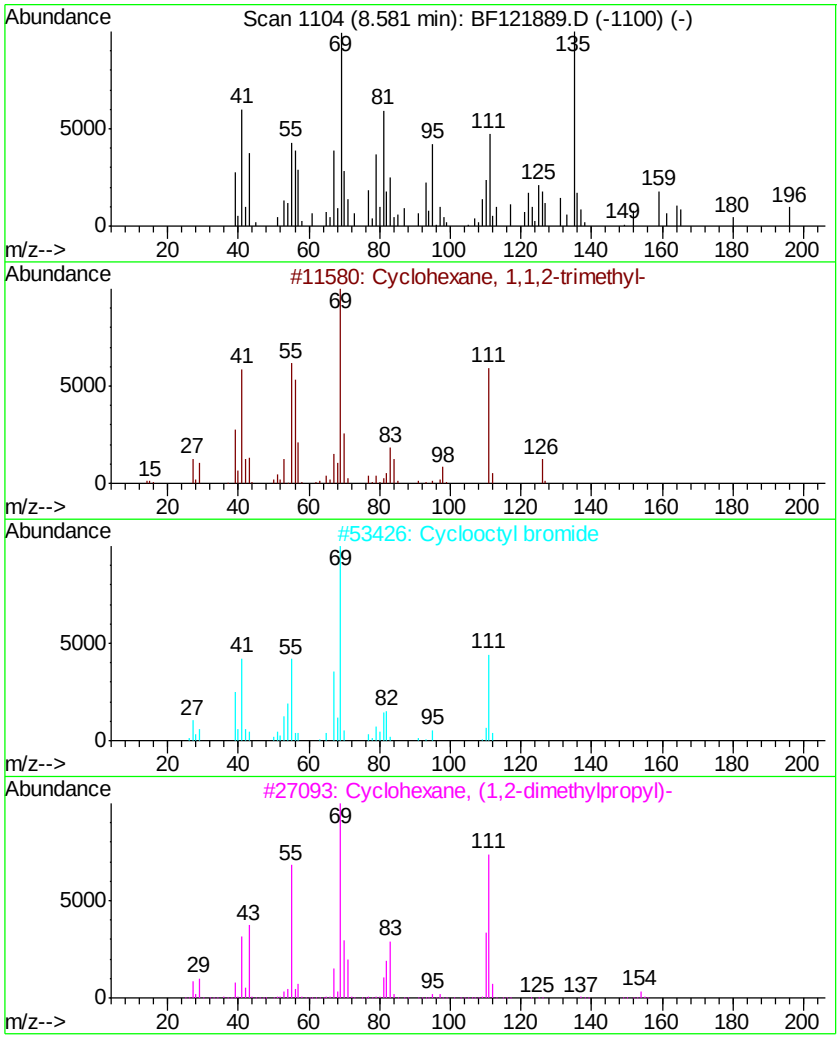
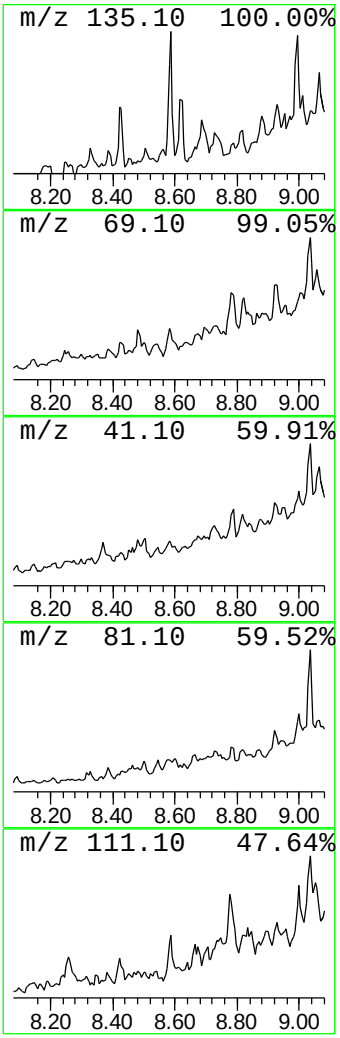
Peak Number 3 unknown8.58 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.19 ng	78253	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	41
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	35
3	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	22
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	22
5	2-Methyl-2-octene	126	C9H18	016993-86-5	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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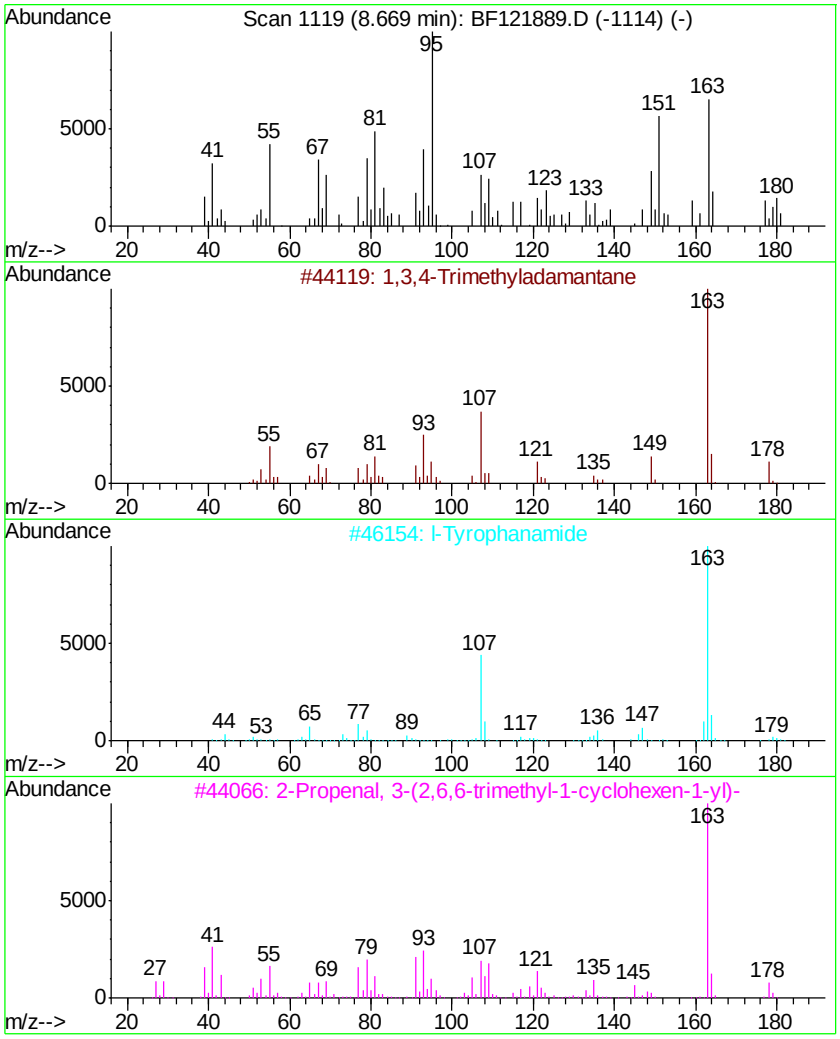
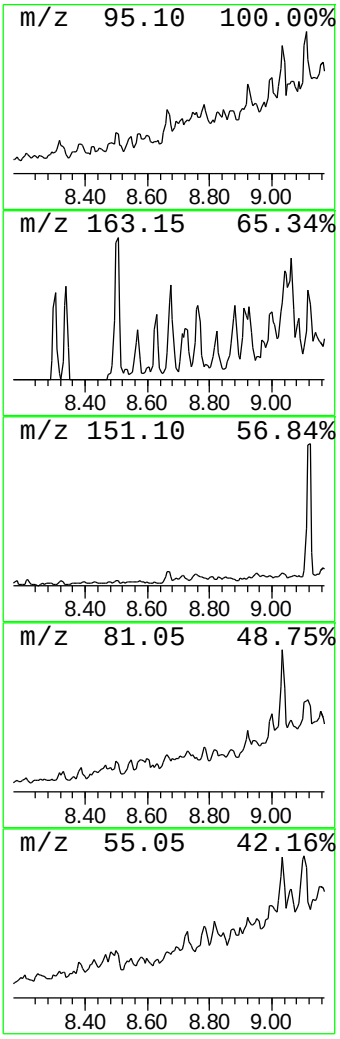
Peak Number 4 unknown8.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	3.38 ng	120665	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	25
2	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	22
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	15
4	Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	14
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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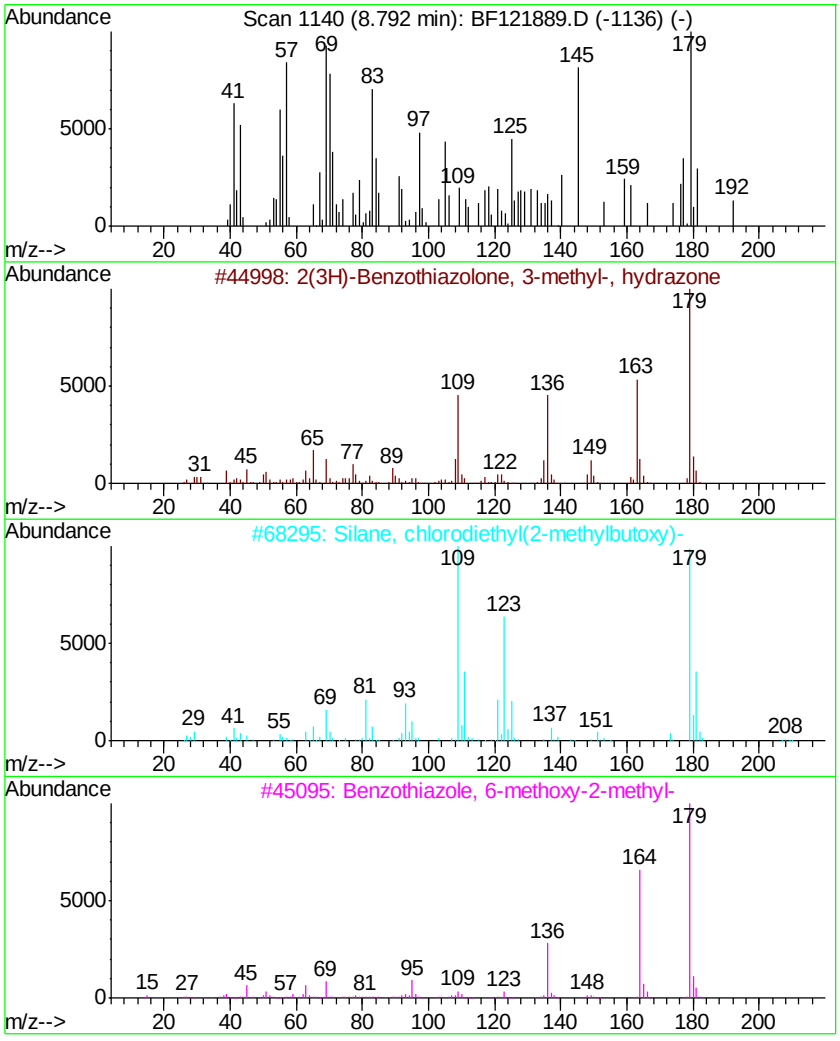
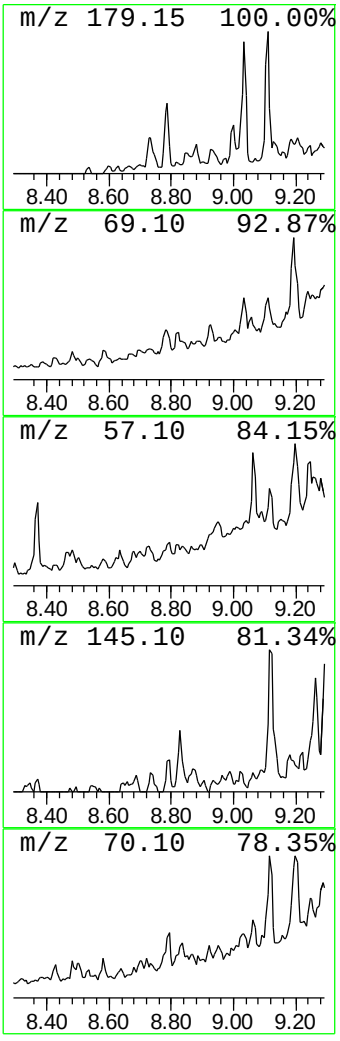
Peak Number 5 unknown8.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	2.33 ng	82998	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	43
2	Silane, chlorodiethyl(2-methylbu...	208	C9H21ClOSi	1000363-11-1	40
3	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	35
4	Silane, trimethyl(1-phenylethoxy)-	194	C11H18OSi	014856-75-8	25
5	Silanol, (1,1-dimethylethyl)dime...	236	C13H20O2Si	075732-41-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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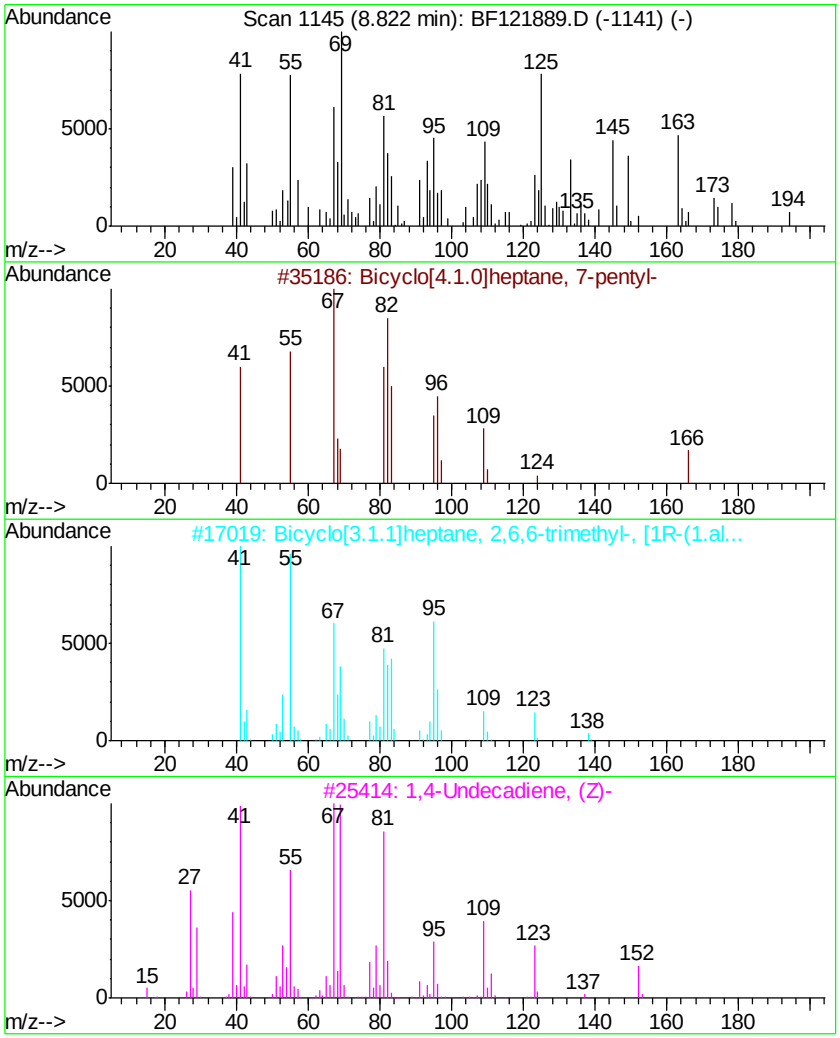
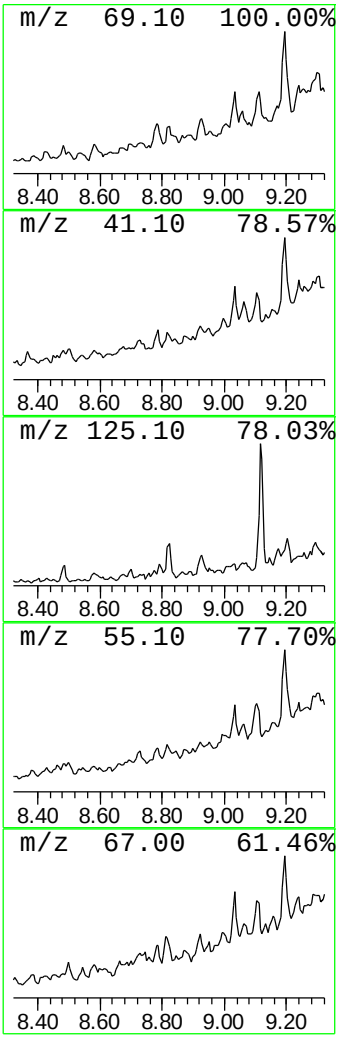
Peak Number 6 unknown8.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	2.84 ng	101324	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	43
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	30
3	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	27
4	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	25
5	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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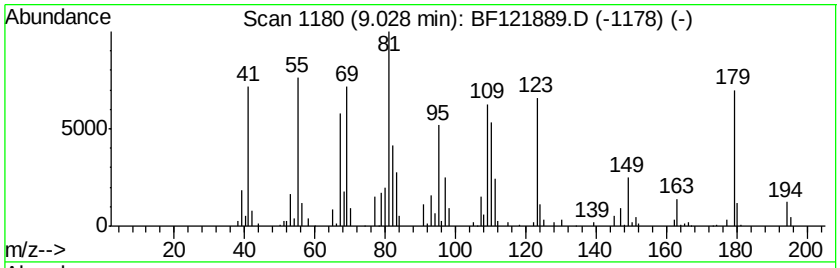
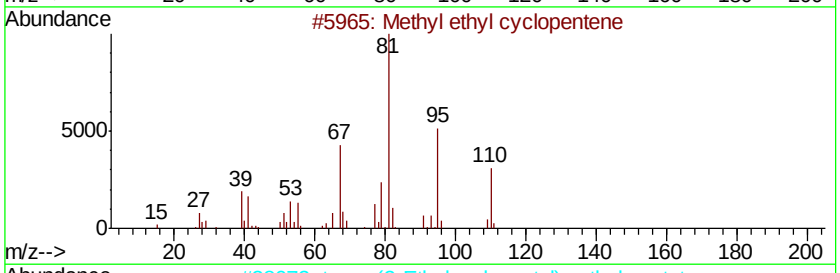
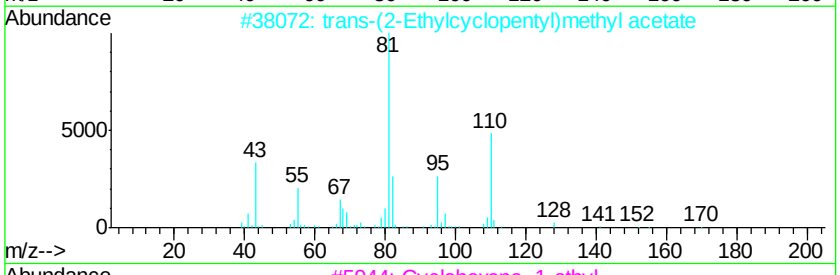
Peak Number 7 unknown9.03 Concentration Rank 11

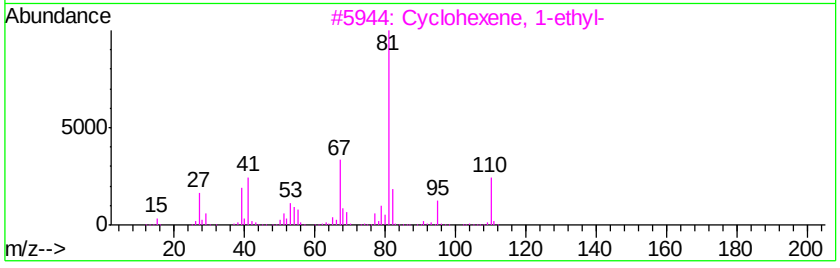
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.44 ng	174368	Acenaphthene-d10	9.80

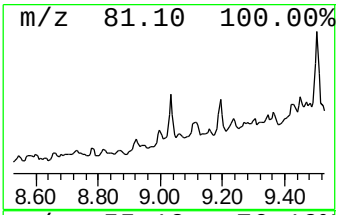
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
2	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	35
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
4	Ethanone, 1-(3-methylenecyclopen...	124	C8H12O	054829-98-0	27
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	27

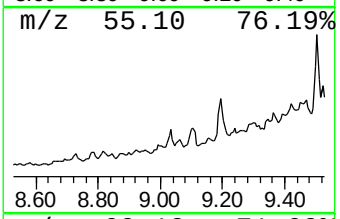


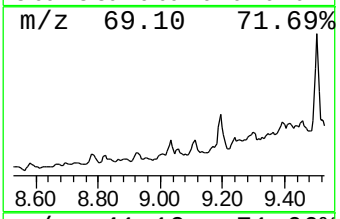


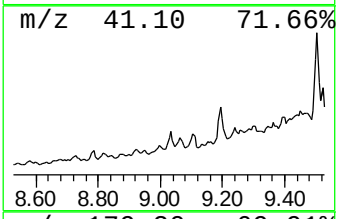


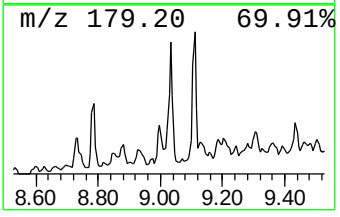












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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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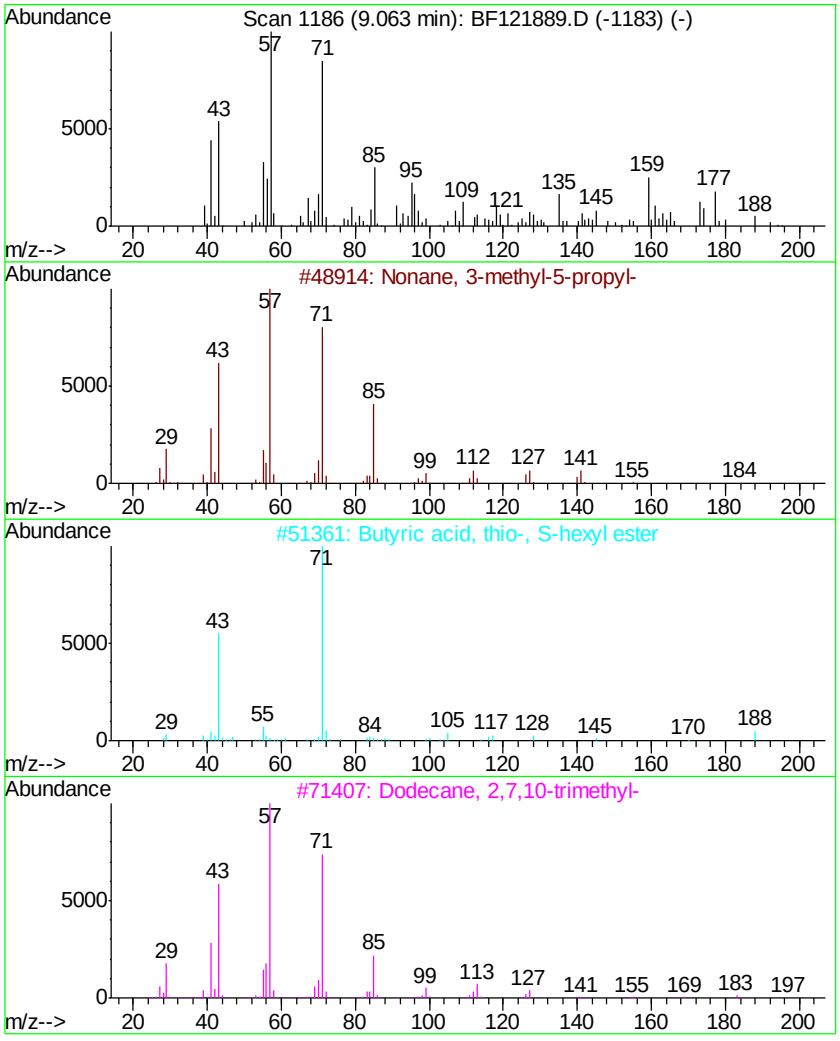
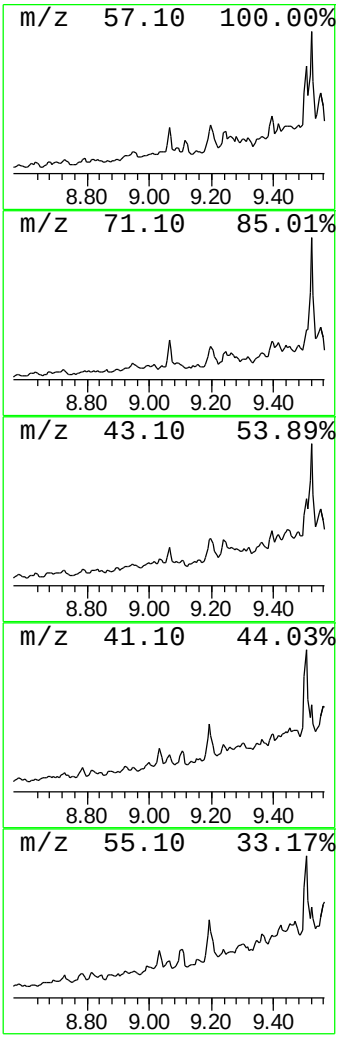
Peak Number 8 unknown9.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.81 ng	110345	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
2	Butyric acid, thio-, S-hexyl ester	188	C10H20OS	002432-54-4	38
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	35
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35





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Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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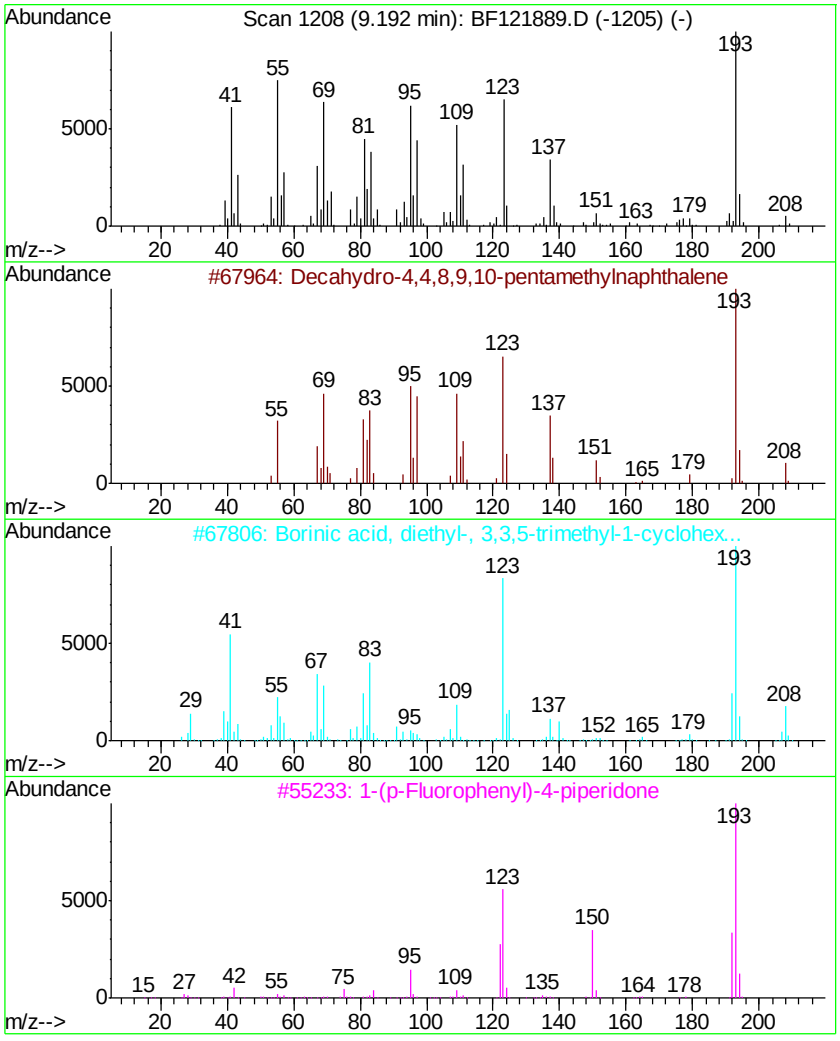
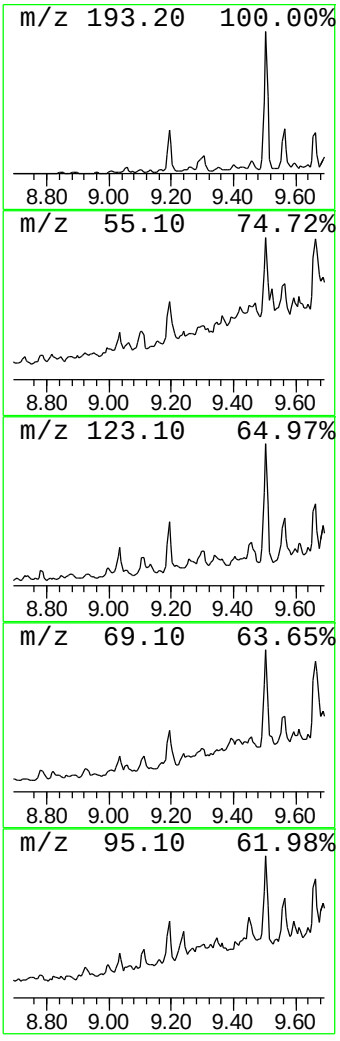
Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	11.66 ng	457602	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	43
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	27





Library Search Compound Report

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Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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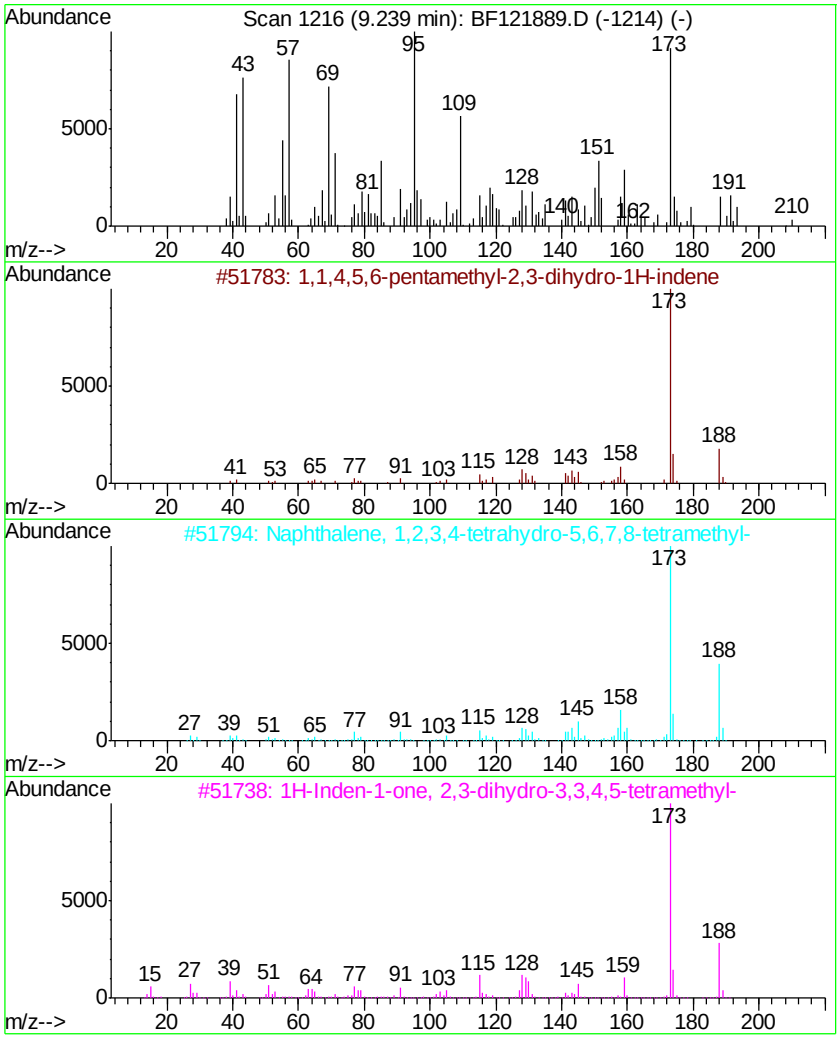
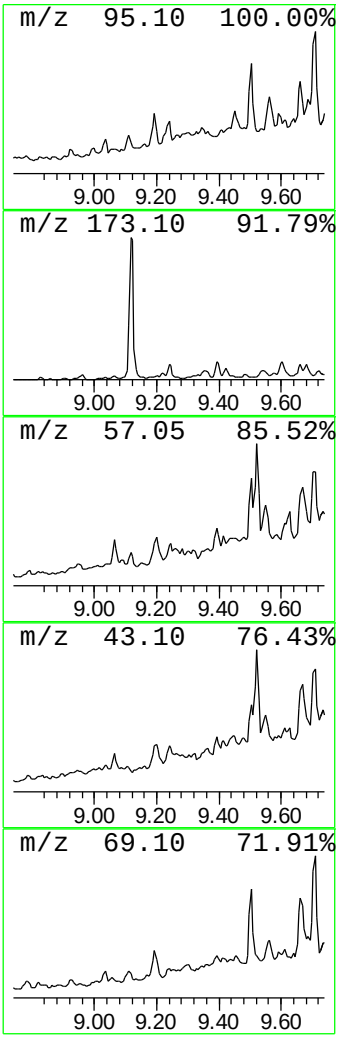
Peak Number 10 unknown9.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.84 ng	111571	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	35
2	Naphthalene, 1,2,3,4-tetrahydro-...	188	C14H20	019063-11-7	20
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	18
4	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	18
5	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	15





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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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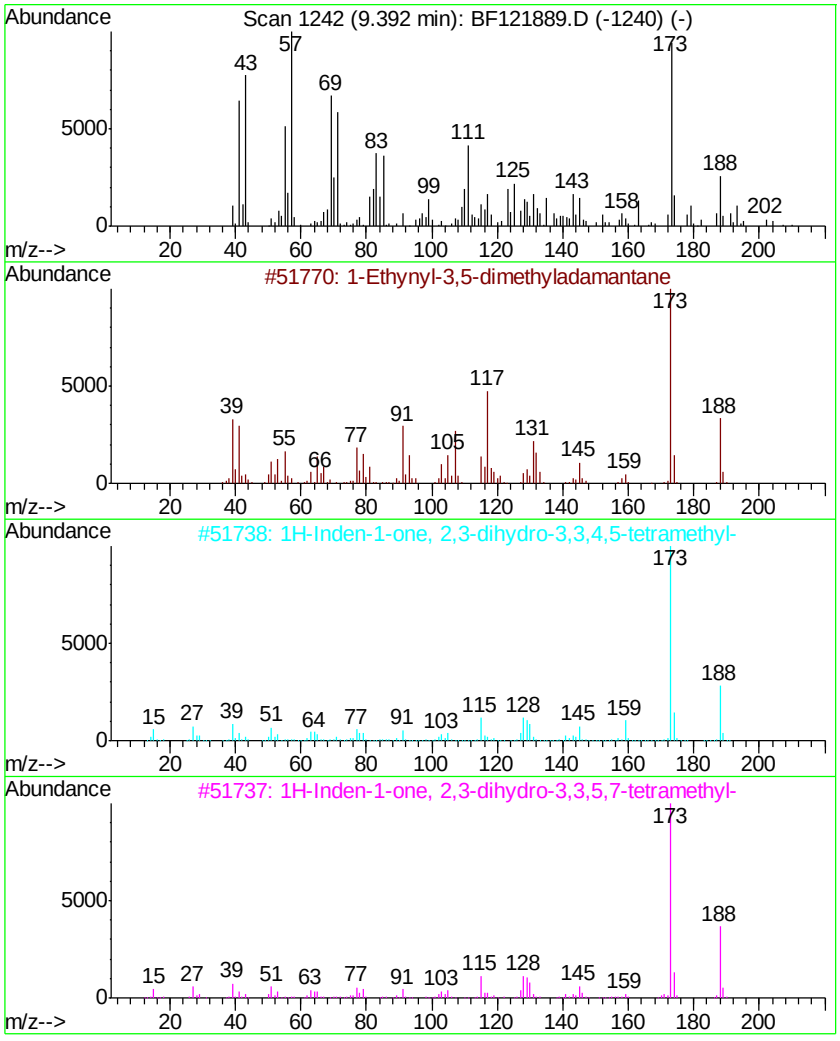
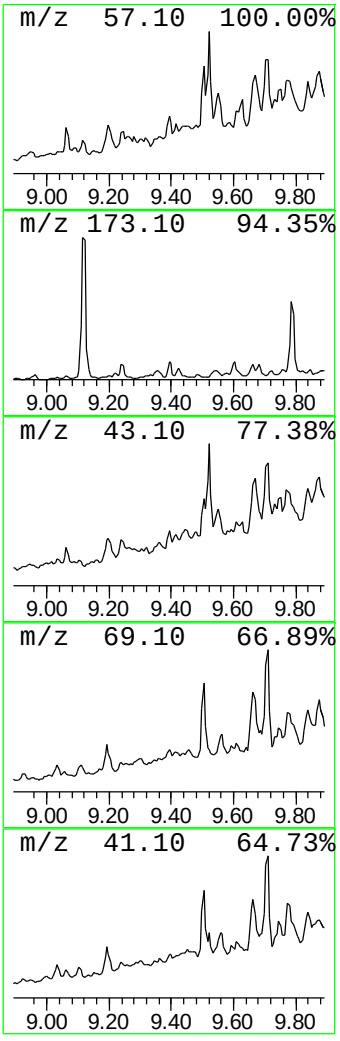
Peak Number 11 unknown9.39 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.62 ng	141958	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethynyl-3,5-dimethyladamantane	188	C14H20	1000245-73-3	49
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	42
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	42
4	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	055255-42-0	42
5	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	42





Library Search Compound Report

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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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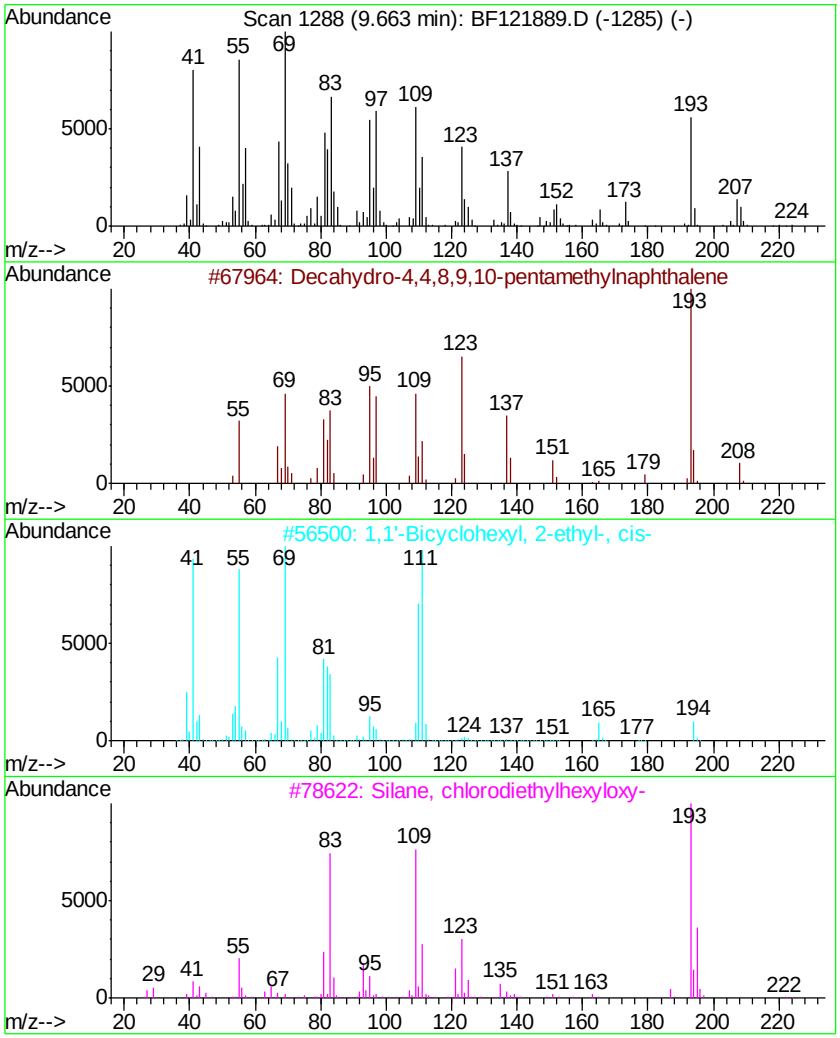
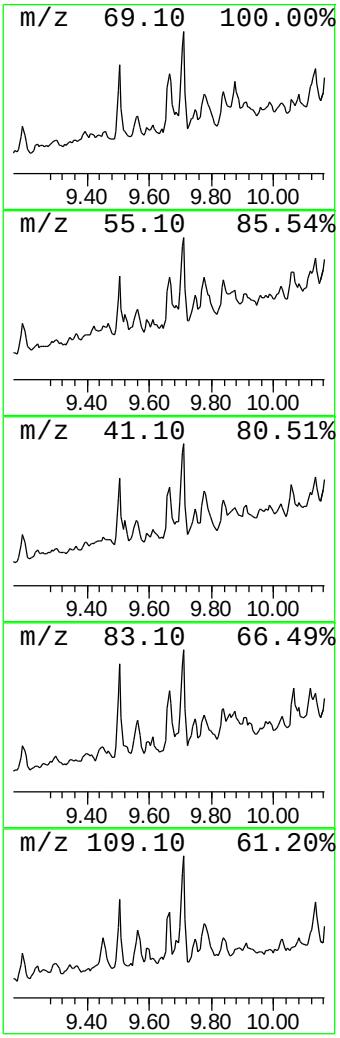
Peak Number 12 unknown9.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	22.74 ng	892613	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	35
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	27
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25
5	Crotyl methacrylate	140	C8H12O2	007376-45-6	25





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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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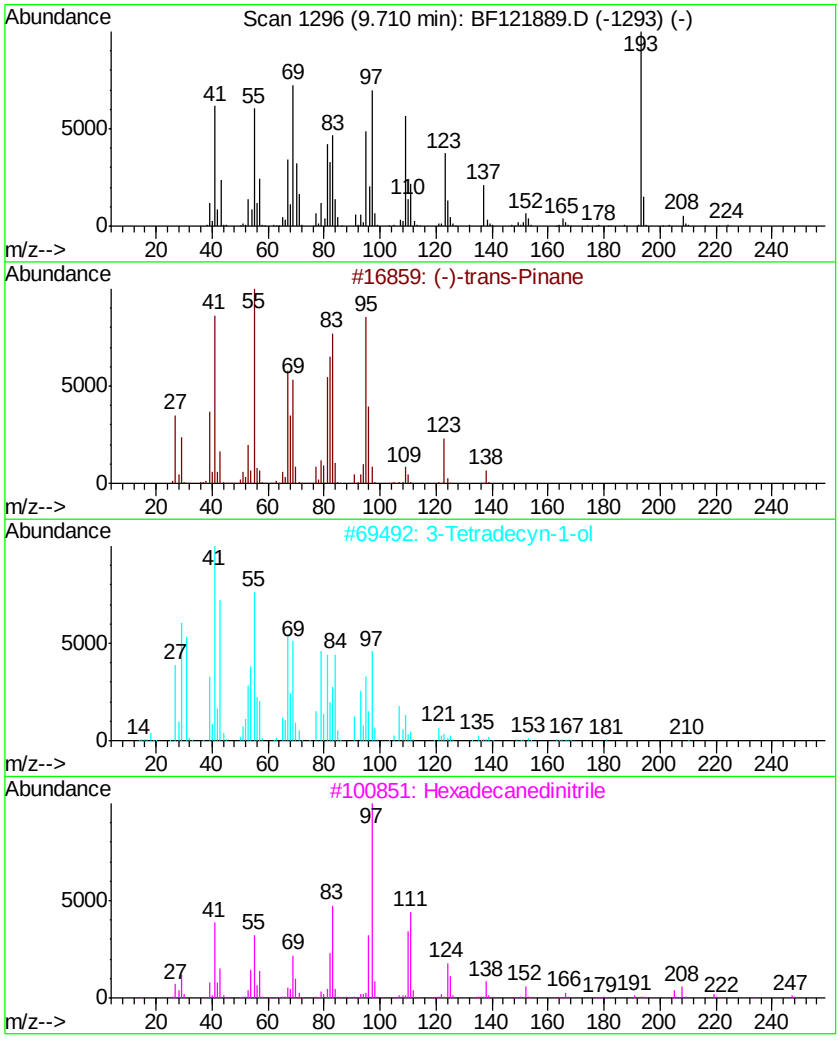
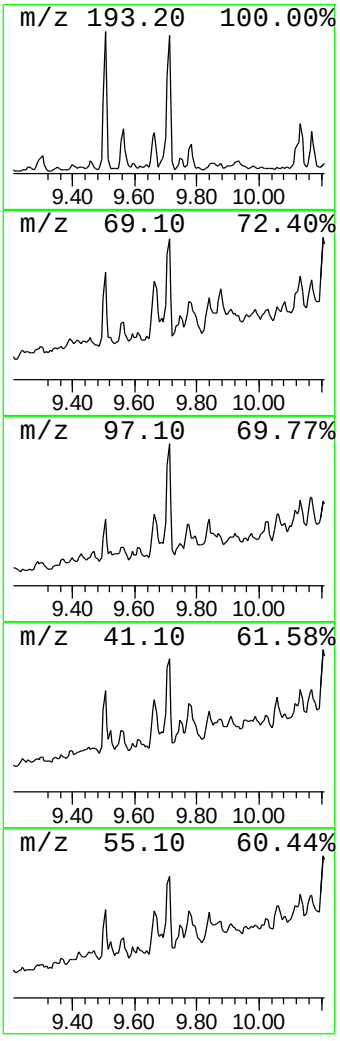
Peak Number 13 unknown9.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	29.89 ng	1173580	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane	138	C10H18	033626-25-4	38
2	3-Tetradecyn-1-ol	210	C14H26O	055182-74-6	35
3	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20
5	1,2-Dodecanediol	202	C12H26O2	001119-87-5	14





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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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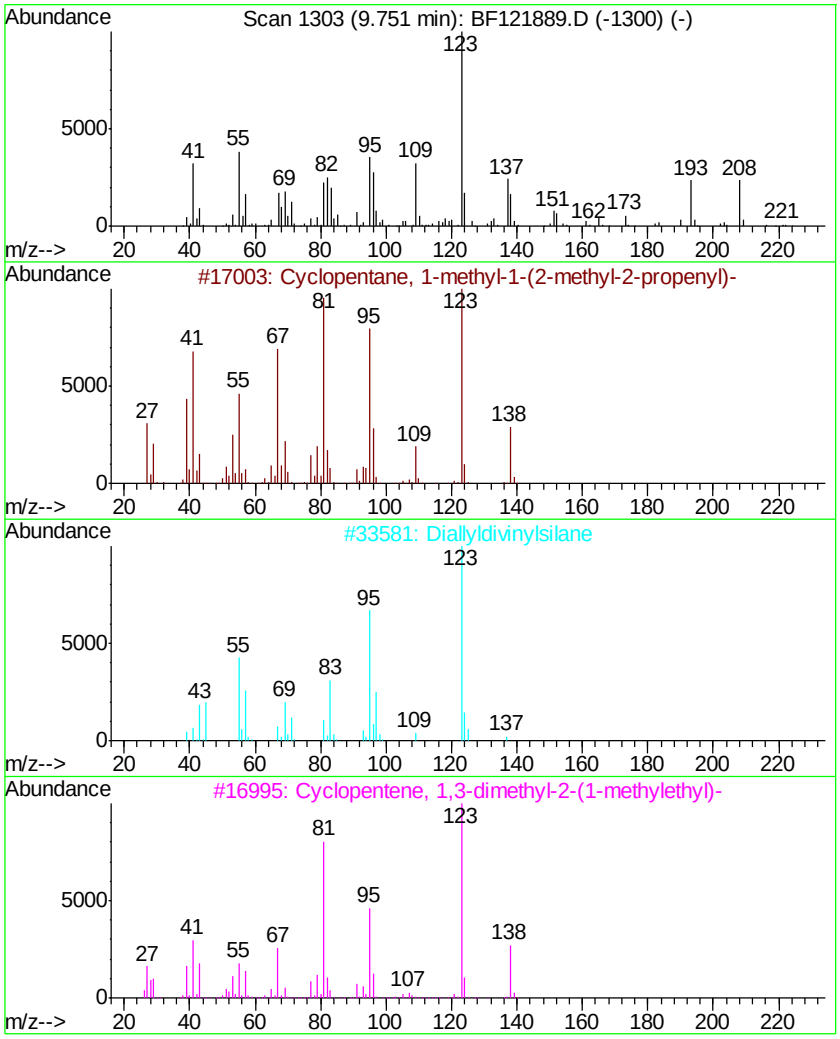
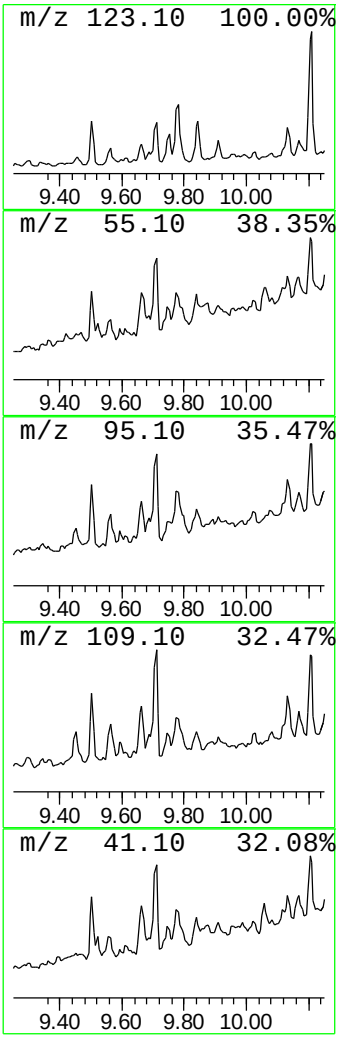
Peak Number 14 unknown9.75 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.84 ng	190147	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	35
2	Diallyldivinylsilane	164	C10H16Si	119901-88-1	35
3	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	30
4	Ethanone, 1-(1-ethyl-1H-pyrazol-...	138	C7H10N2O	1000316-95-0	27
5	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	27





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Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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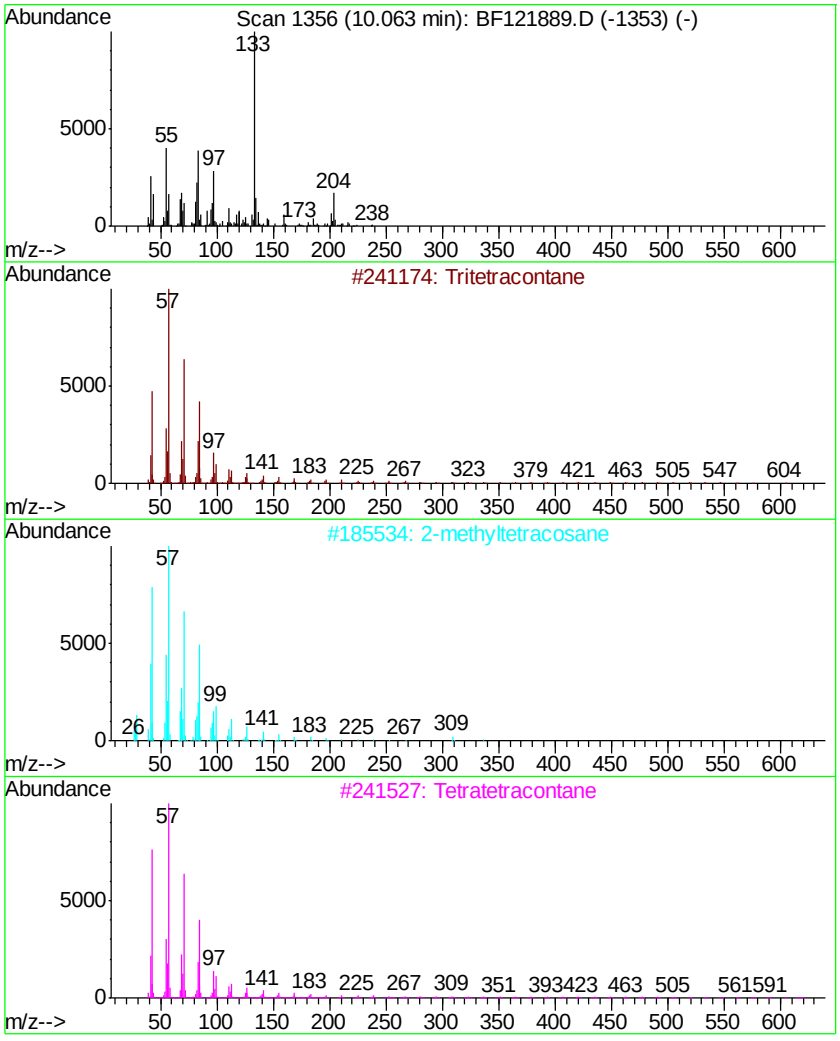
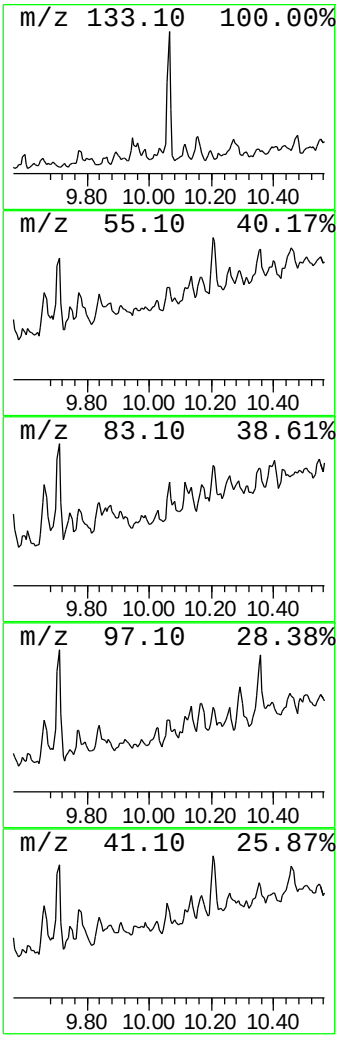
Peak Number 15 unknown10.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	9.46 ng	371468	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	43
2	2-methyltetracosane	352	C25H52	1000376-72-6	43
3	Tetratetracontane	619	C44H90	007098-22-8	43
4	Hexadecane	226	C16H34	000544-76-3	38
5	Hexatriacontane	507	C36H74	000630-06-8	38





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Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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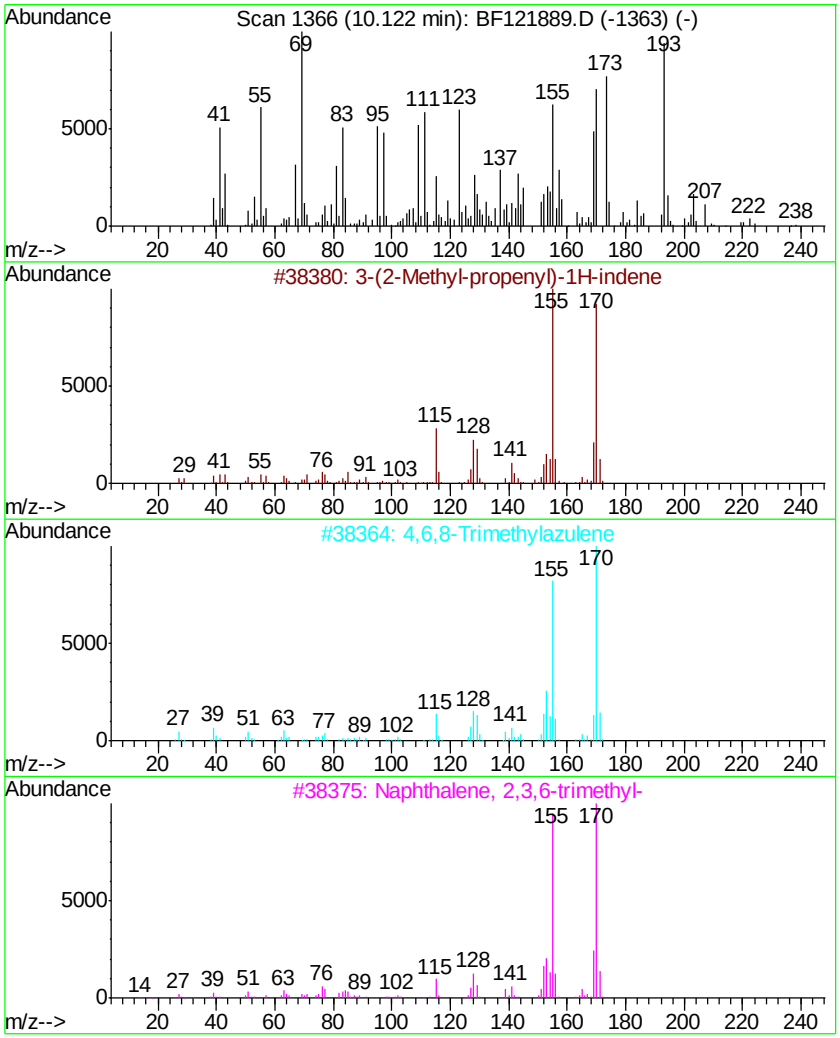
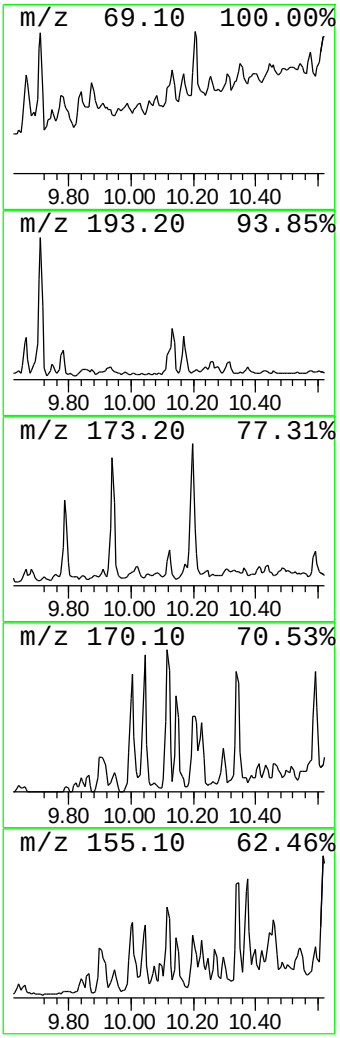
Peak Number 16 unknown10.12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	8.18 ng	321094	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	35
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	35





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Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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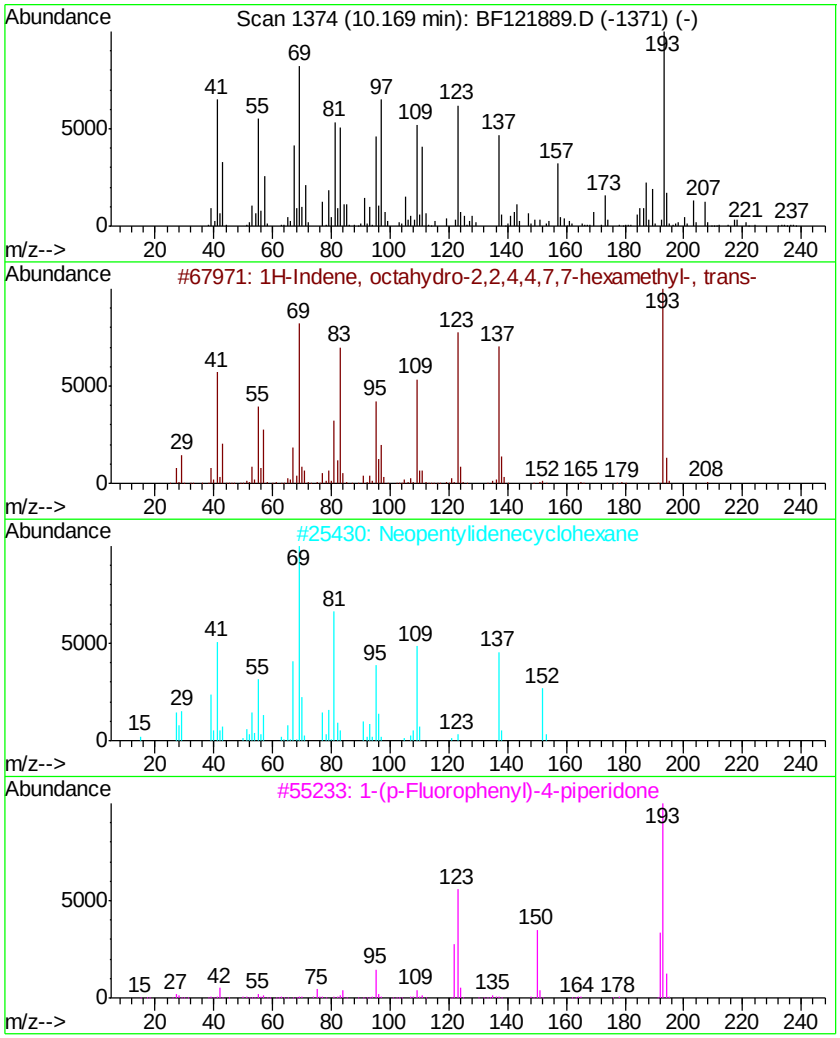
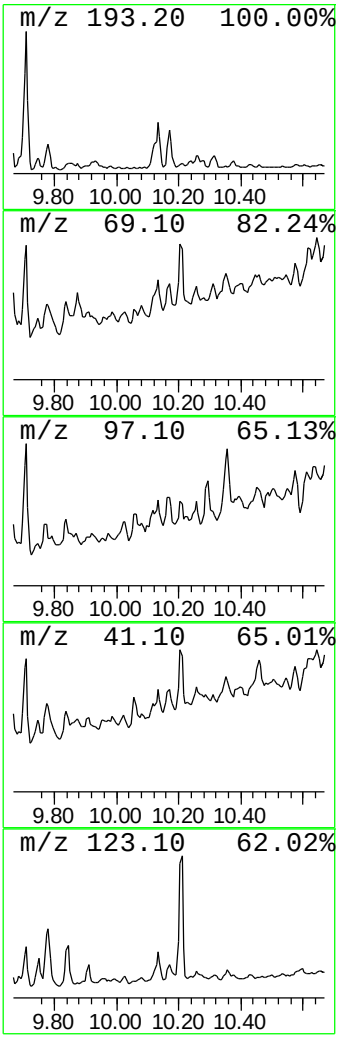
Peak Number 17 1H-Indene, octahydro-2,2,4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	9.97 ng	391595	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
4	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	22
5	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	18





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Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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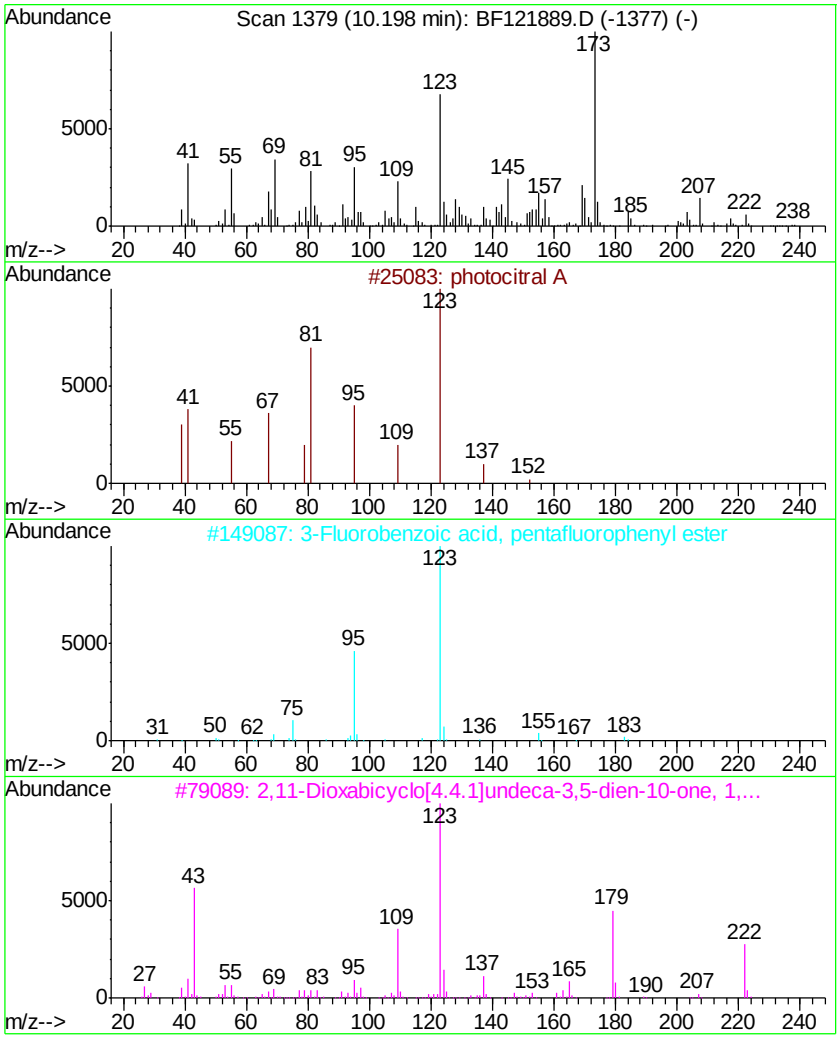
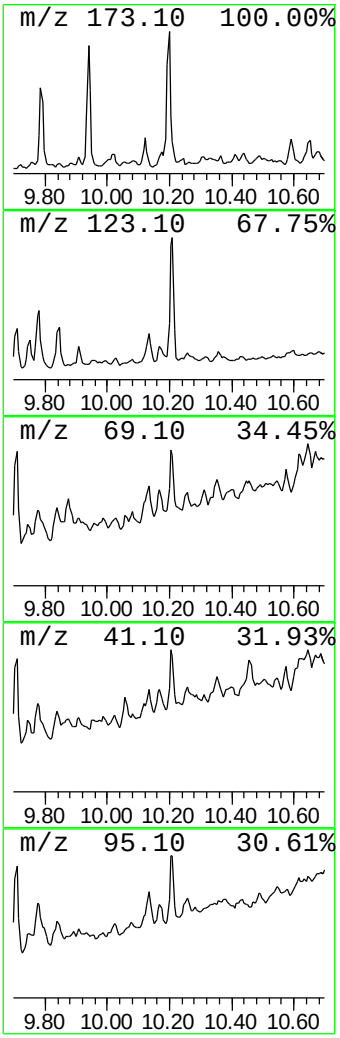
Peak Number 18 unknown10.20 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	29.64 ng	1163810	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral A	152	C10H16O	055253-28-6	43
2	3-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-66-2	38
3	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	38
4	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	35
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	35





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Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

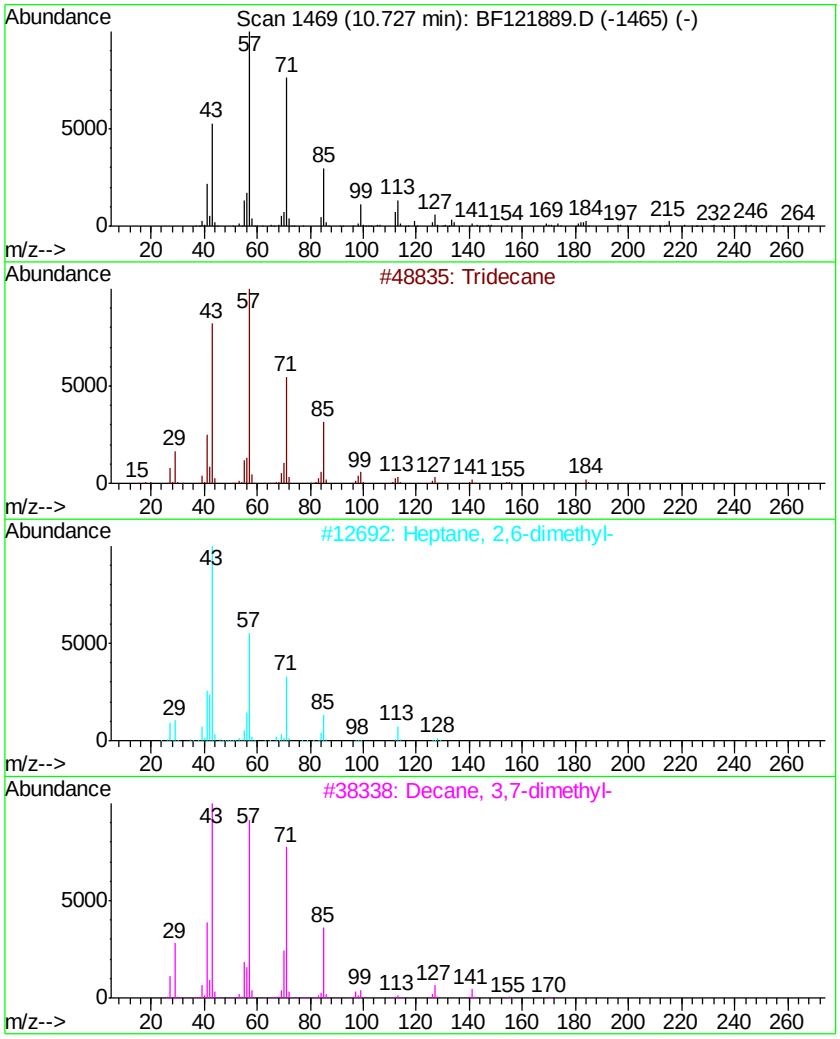
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

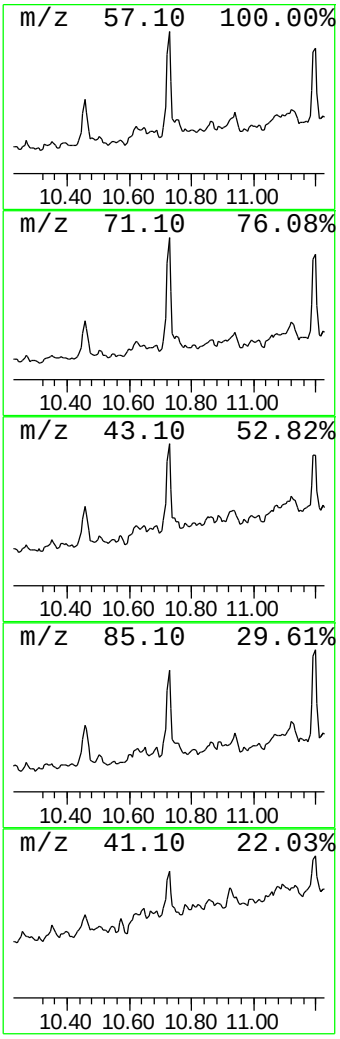
****

Peak Number 19 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	20.00 ng	1488550	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

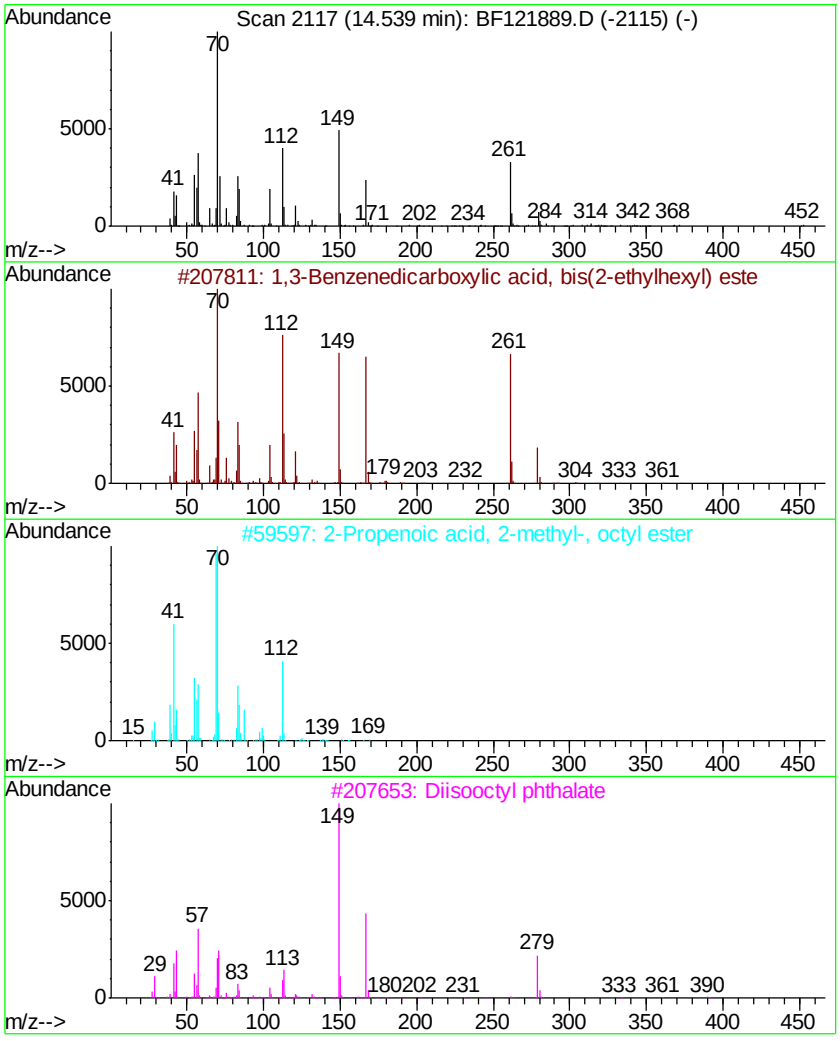
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

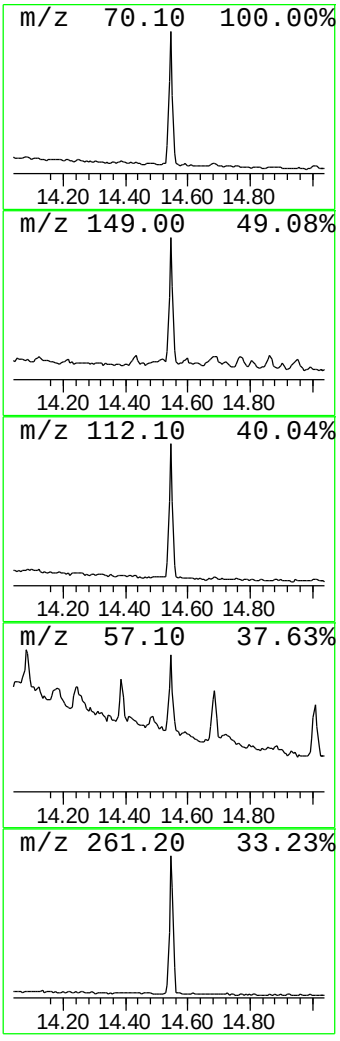
****

Peak Number 20 1,3-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	10.62 ng	358577	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	80
2	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	25
3	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22
4	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	16
5	Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100820\
Data File : BF121889.D
Acq On : 8 Oct 2020 15:11
Operator : JU/CG
Sample : L4300-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 231-232-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Ethanol, 2-butoxy-	5.70	3.2	ng	94483	1	6.76	585213	20.0
Benzene, 1,4-bis(...	8.37	3.1	ng	109109	2	8.04	713815	20.0
unknown8.58	8.58	2.2	ng	78253	2	8.04	713815	20.0
unknown8.67	8.67	3.4	ng	120665	2	8.04	713815	20.0
unknown8.79	8.79	2.3	ng	82998	2	8.04	713815	20.0
unknown8.82	8.82	2.8	ng	101324	2	8.04	713815	20.0
unknown9.03	9.03	4.4	ng	174368	3	9.80	785173	20.0
unknown9.06	9.06	2.8	ng	110345	3	9.80	785173	20.0
Decahydro-4,4,8,9...	9.19	11.7	ng	457602	3	9.80	785173	20.0
unknown9.24	9.24	2.8	ng	111571	3	9.80	785173	20.0
unknown9.39	9.39	3.6	ng	141958	3	9.80	785173	20.0
unknown9.66	9.66	22.7	ng	892613	3	9.80	785173	20.0
unknown9.71	9.71	29.9	ng	1173580	3	9.80	785173	20.0
unknown9.75	9.75	4.8	ng	190147	3	9.80	785173	20.0
unknown10.06	10.06	9.5	ng	371468	3	9.80	785173	20.0
unknown10.12	10.12	8.2	ng	321094	3	9.80	785173	20.0
1H-Indene, octahy...	10.17	10.0	ng	391595	3	9.80	785173	20.0
unknown10.20	10.20	29.6	ng	1163810	3	9.80	785173	20.0
Tridecane	10.73	20.0	ng	1488550	4	11.30	1488550	20.0
1,3-Benzenedicarb...	14.54	10.6	ng	358577	5	13.93	675012	20.0