LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

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-BF081920.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	6.692	780	783	793	rBV	748348	702874	71.03%	8.442%
2	7.981	997	1002	1006	rBV	1060359	987934	99.84%	11.866%
3	8.269	1047	1051	1054	rBV5	51873	55189	5.58%	0.663%
4	8.404	1069	1074	1075	rBV2	54750	63130	6.38%	0.758%
5	8.439	1078	1080	1083	rVB3	70567	66154	6.69%	0.795%
6	8.480	1083	1087	1090	rBV5	33694	51475	5.20%	0.618%
7	8.522	1090	1094	1096	rBV4	43036	62852	6.35%	0.755%
8	8.610	1104	1109	1112	rBV6	61266	125311	12.66%	1.505%
9	8.804	1136	1142	1146	rBV7	101962	187706	18.97%	2.254%
10	8.857	1149	1151	1154	rVV3	58683	62556	6.32%	0.751%
11	8.969	1167	1170	1172	rBV2	132269	121569	12.29%	1.460%
12	9.004	1172	1176	1179	rVV	226470	239211	24.17%	2.873%
13	9.128	1193	1197	1201	rBV3	236668	413222	41.76%	4.963%
14	9.439	1248	1250	1252	rBV2	366755	321043	32.44%	3.856%
15	9.463	1252	1254	1256	rVB	511408	387994	39.21%	4.660%
16	9.492	1256	1259	1261	rBV3	217024	235515	23.80%	2.829%
17	9.551	1267	1269	1271	rBV3	246907	189508	19.15%	2.276%
18	9.598	1274	1277	1282	rBV5	350031	695208	70.26%	8.350%
19	9.645	1282	1285	1288	rVB	626595	626159	63.28%	7.521%
20	9.733	1298	1300	1303	rVB2	1049054	908494	91.81%	10.912%
21	13.863	1999	2002	2006	rVB	932418	833390	84.22%	10.009%
22	15.268	2237	2241	2251	rVB	761467	989520	100.00%	11.885%

Sum of corrected areas: 8326014

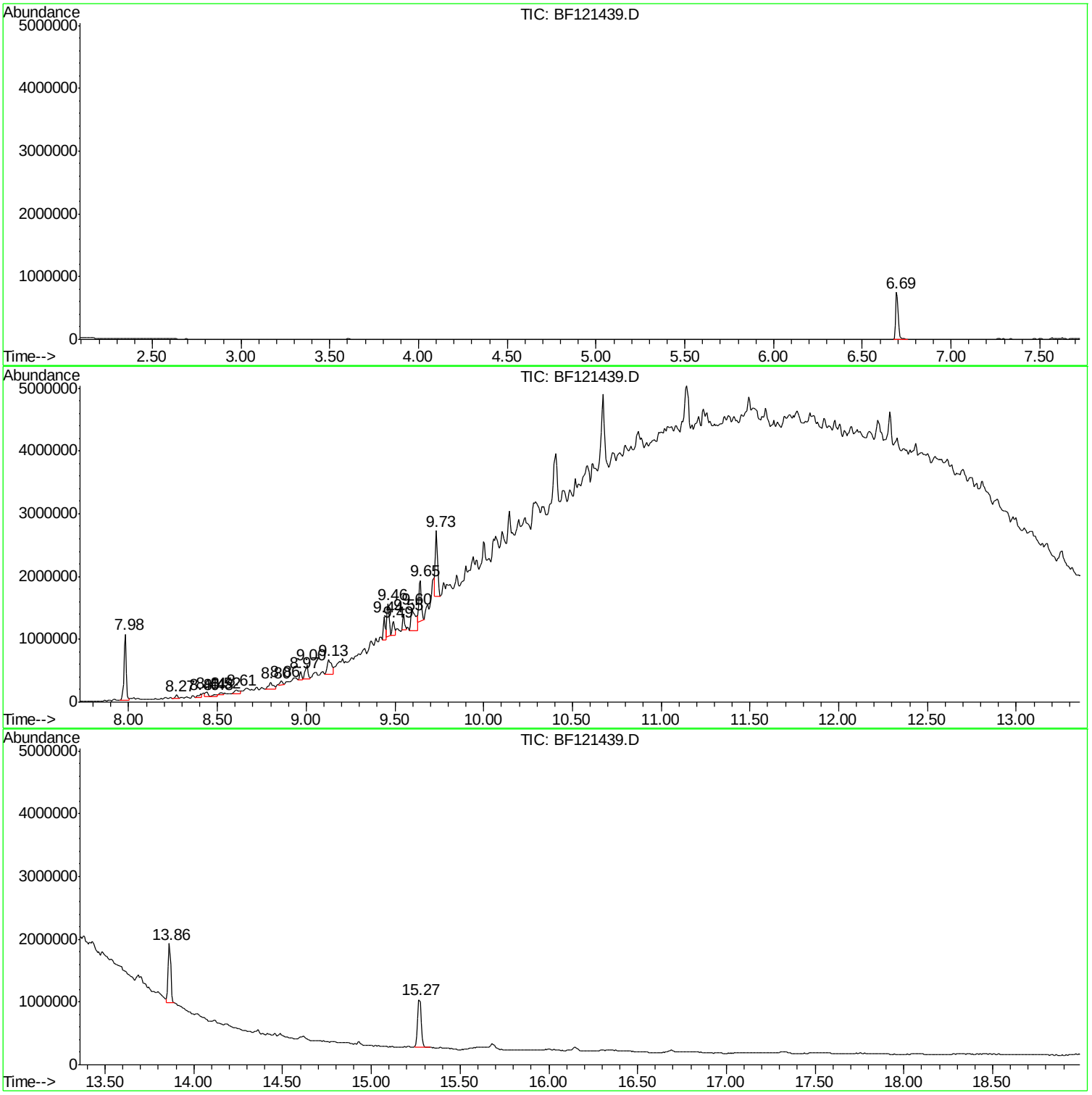
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

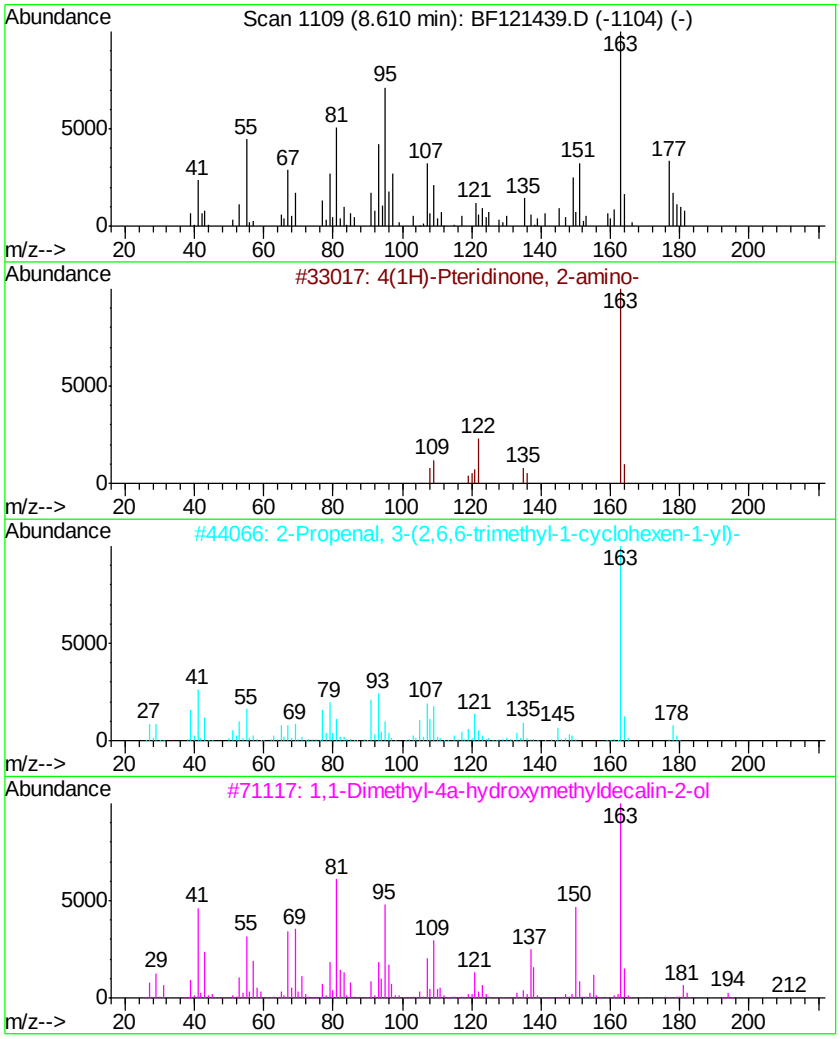
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

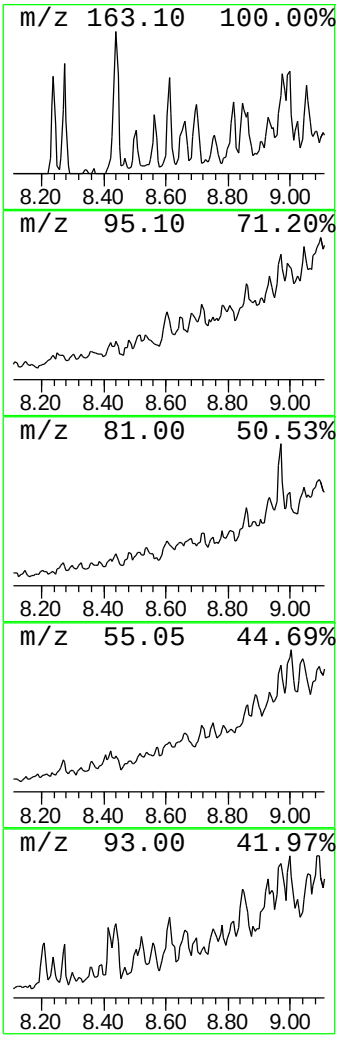
****

Peak Number 1 unknown8.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.54 ng	125311	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	38
2	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	37
3	1,1-Dimethyl-4a-hydroxymethyldec...	212	C13H24O2	1000196-01-9	35
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	25
5	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

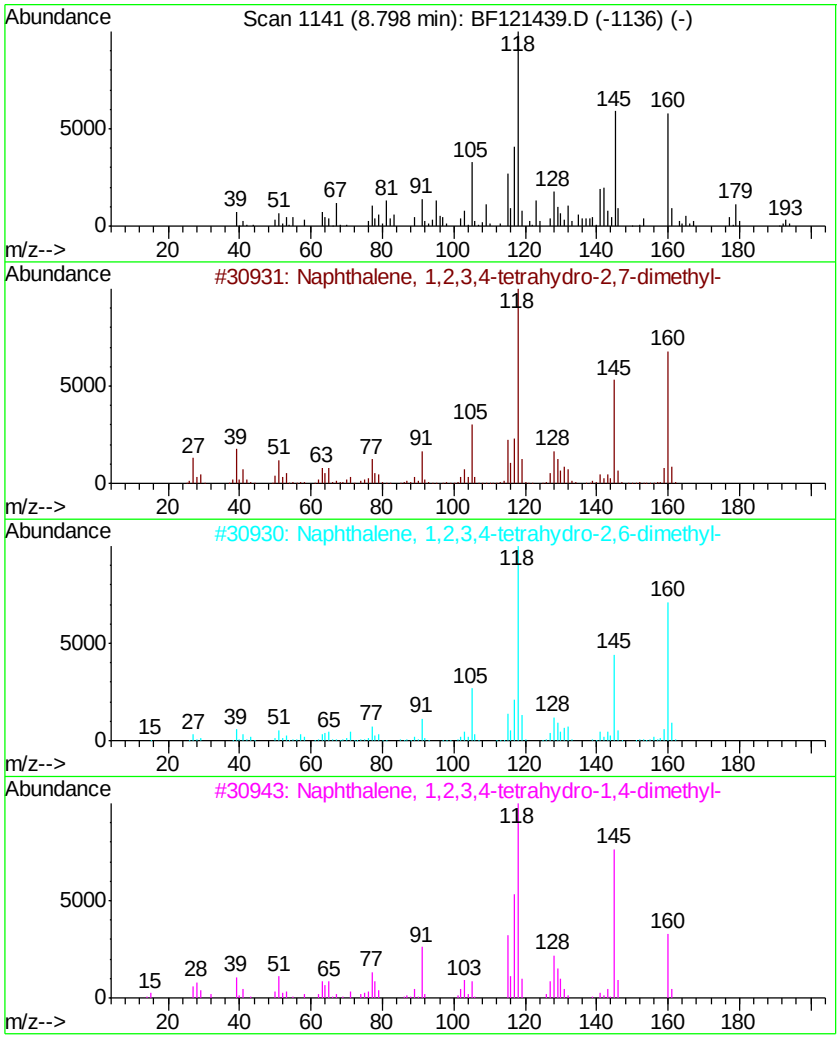
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

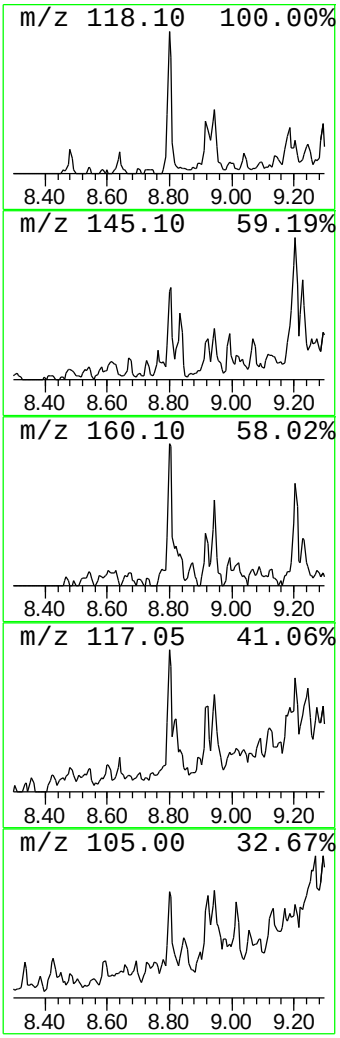
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	3.80 ng	187706	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

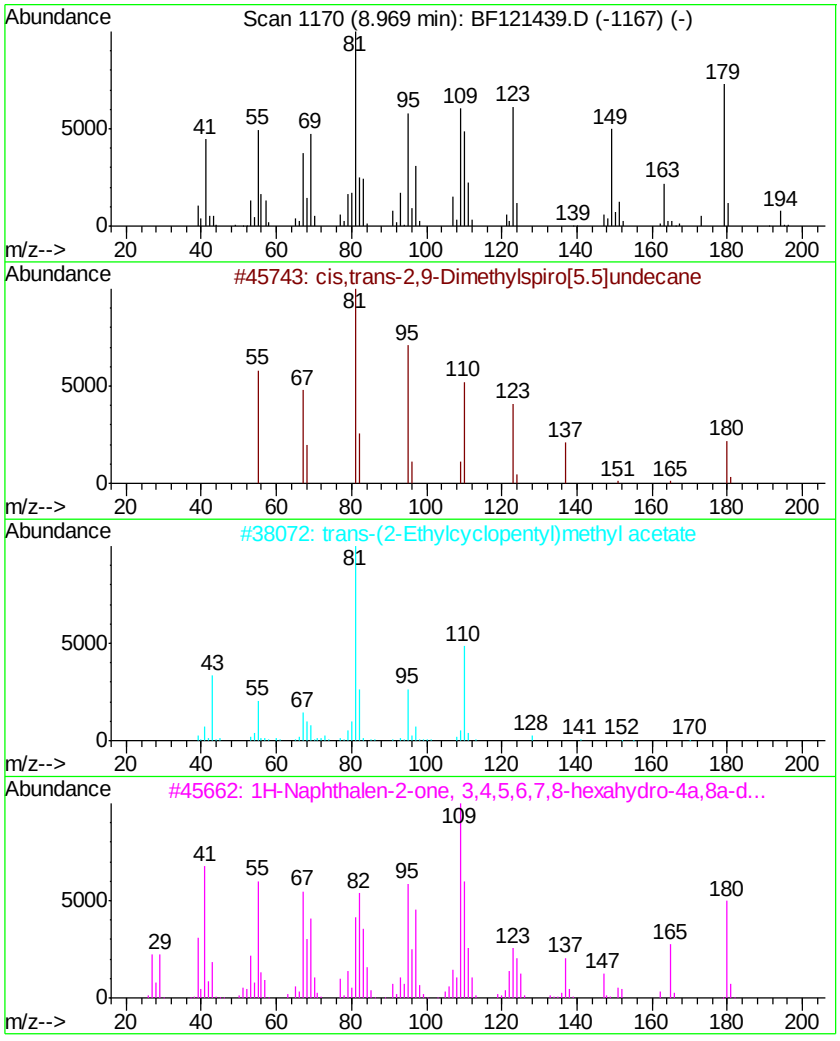
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

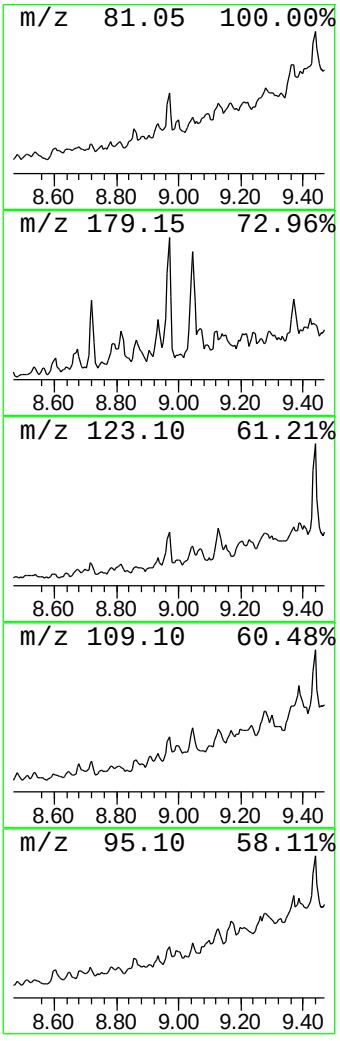
****

Peak Number 3 cis,trans-2,9-Dimethylspiro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.68 ng	121569	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	50
2	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	27
3	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	27
4	2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	27
5	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

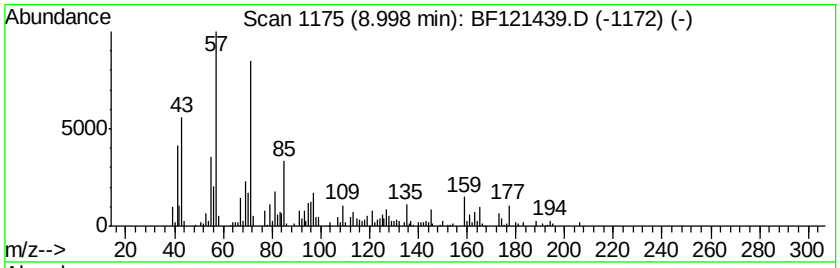
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

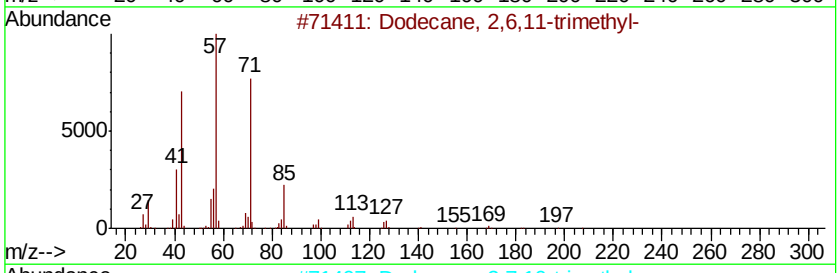
****

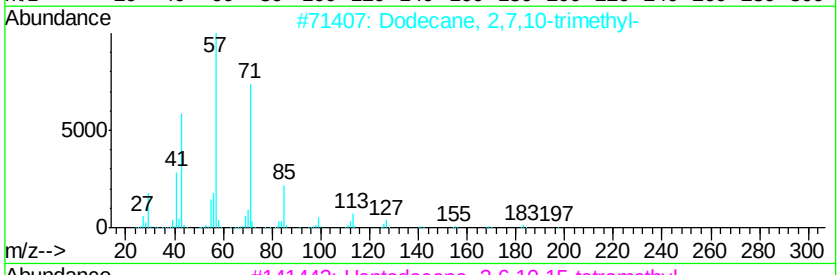
Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

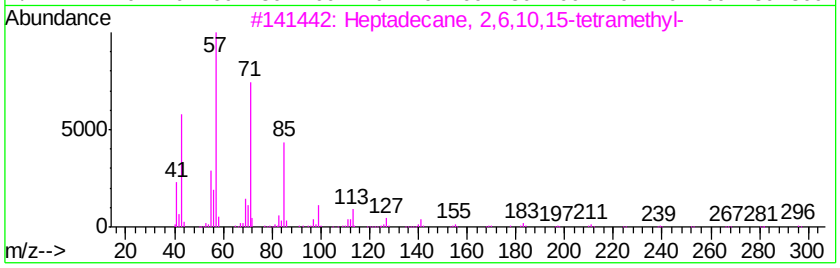
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.27 ng	239211	Acenaphthene-d10	9.73

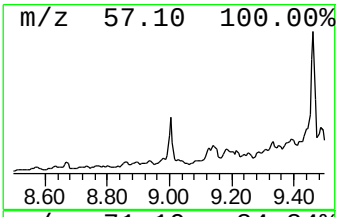
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Tridecane	184	C13H28	000629-50-5	53

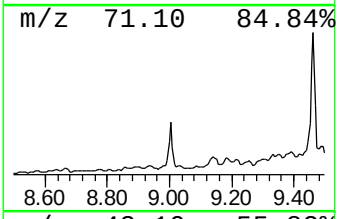


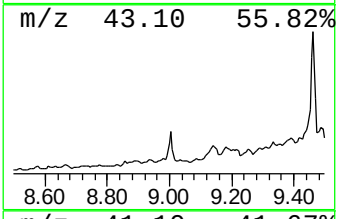


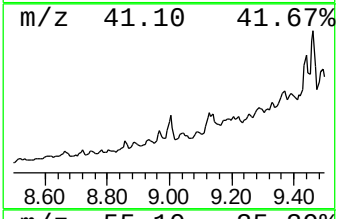


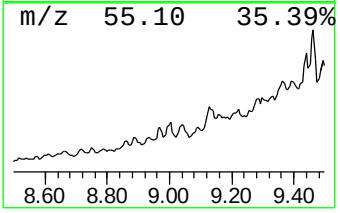












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

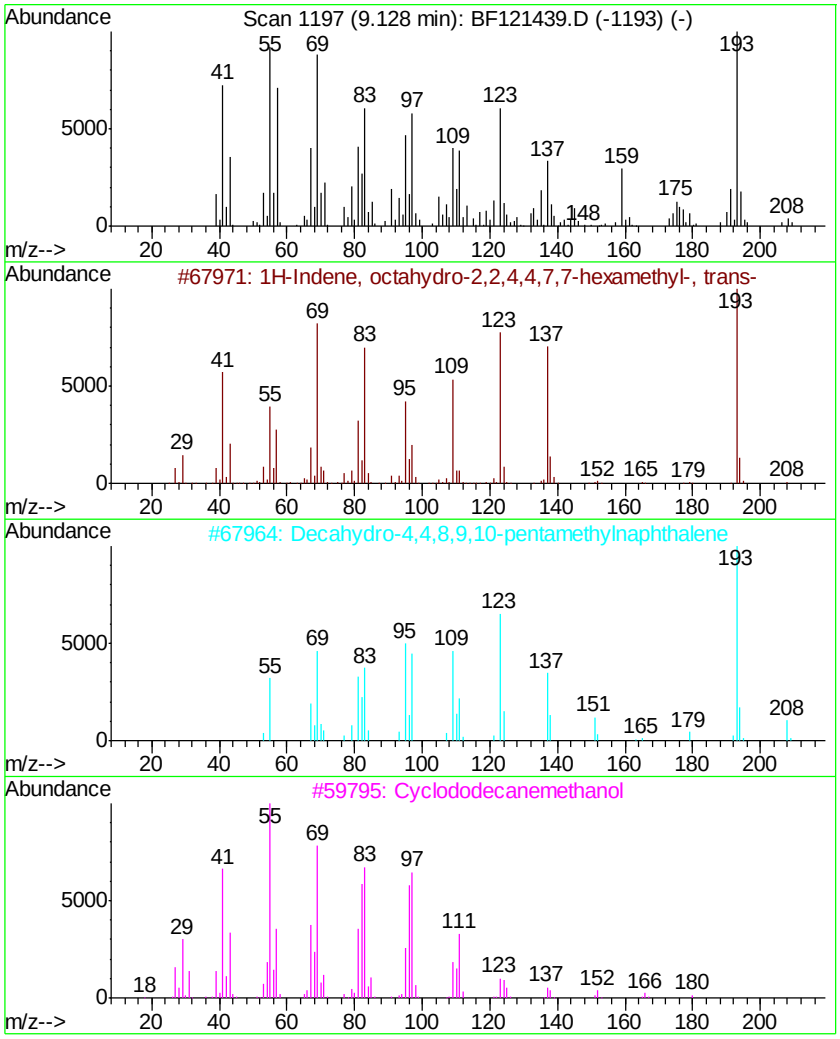
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

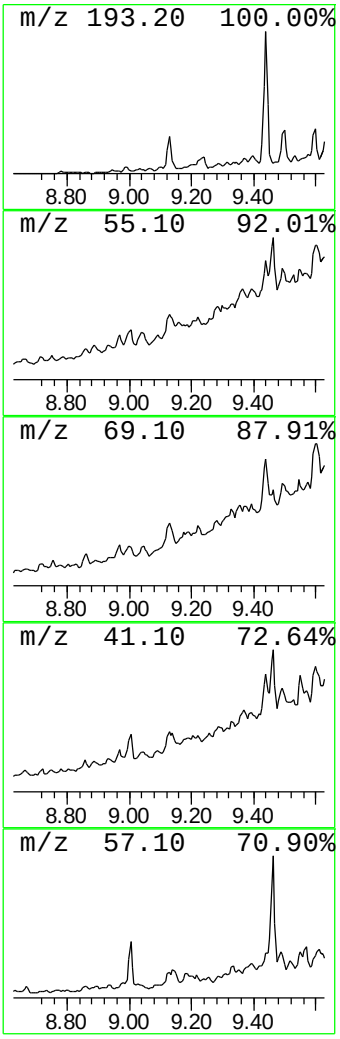
****

Peak Number 5 1H-Indene, octahydro-2,2,4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	9.10 ng	413222	Acenaphthene-d10	9.73

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	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
3	Cyclododecanemethanol	198	C13H26O	001892-12-2	38
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
5	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

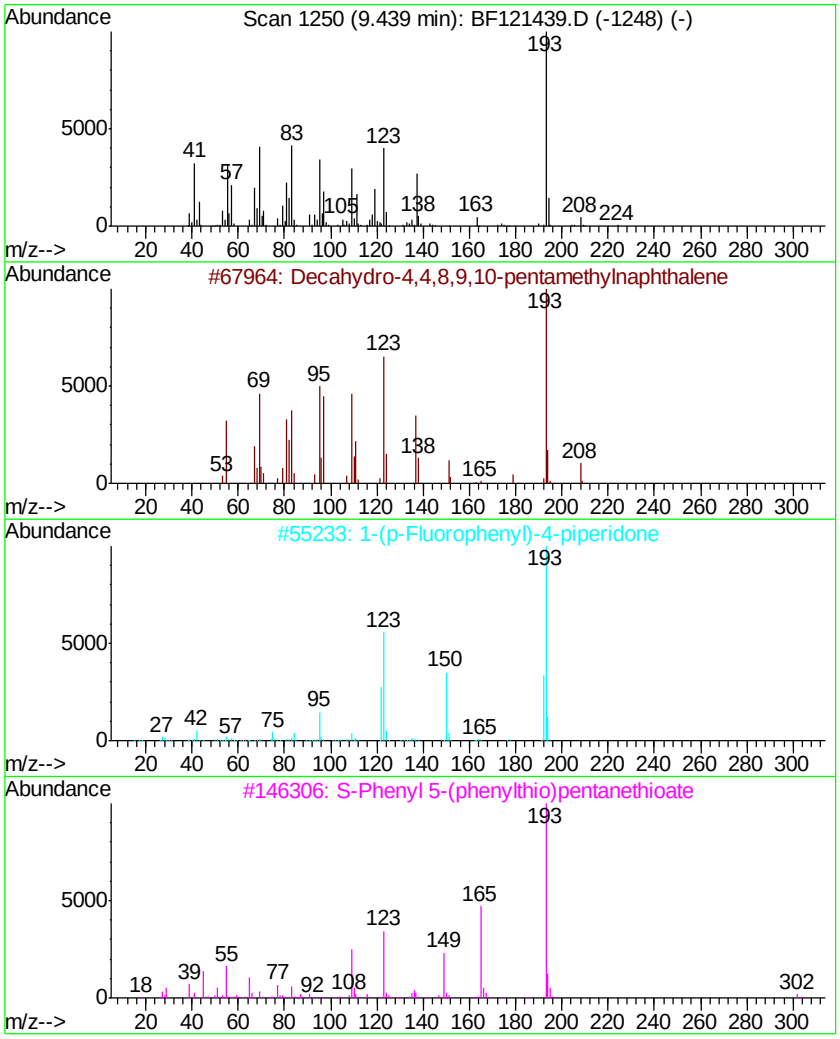
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

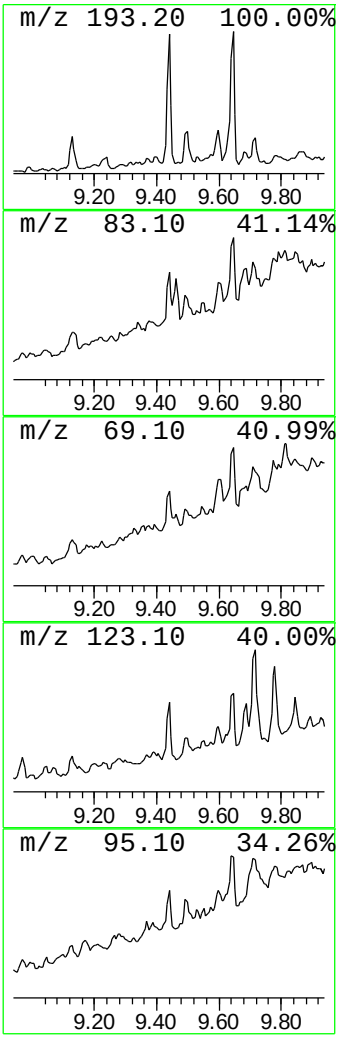
****

Peak Number 6 unknown9.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	7.07 ng	321043	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
4	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	35
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

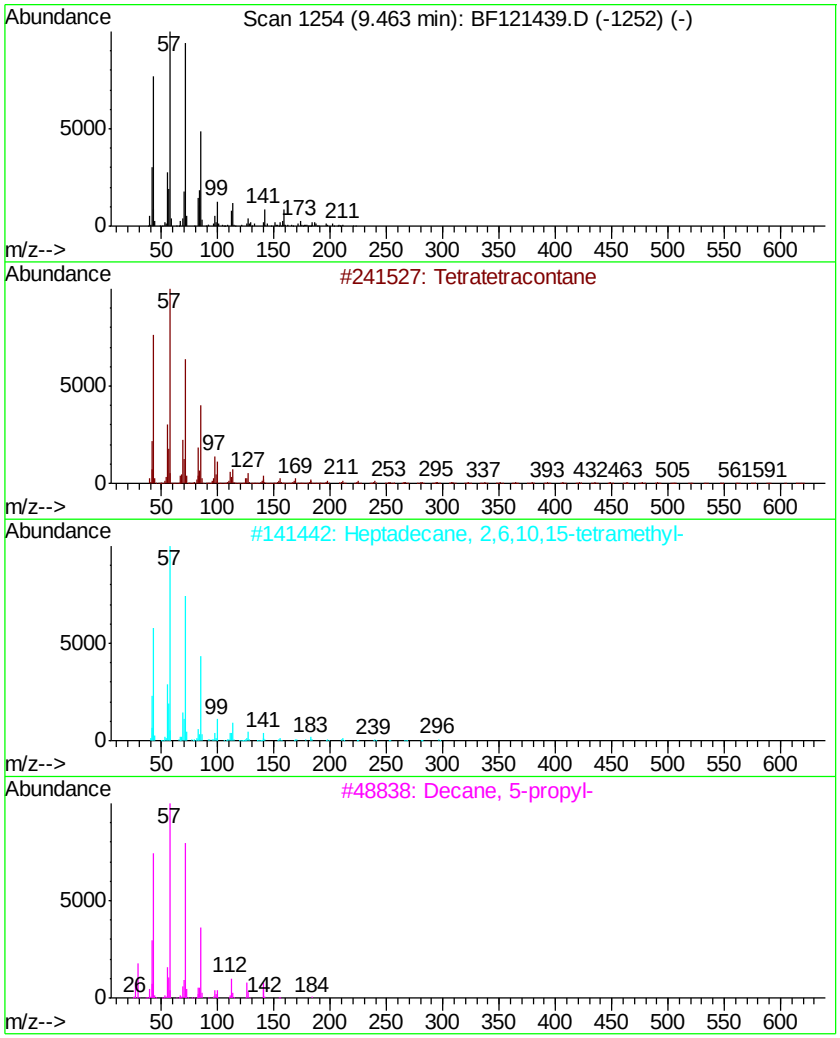
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

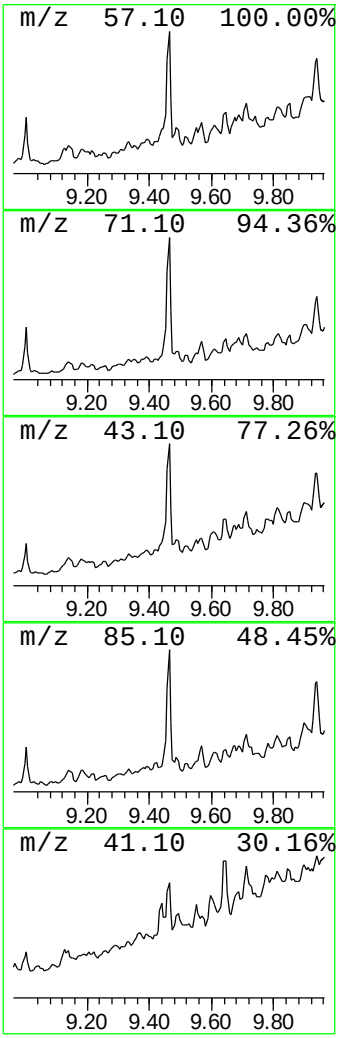
****

Peak Number 7 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	8.54 ng	387994	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	81
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

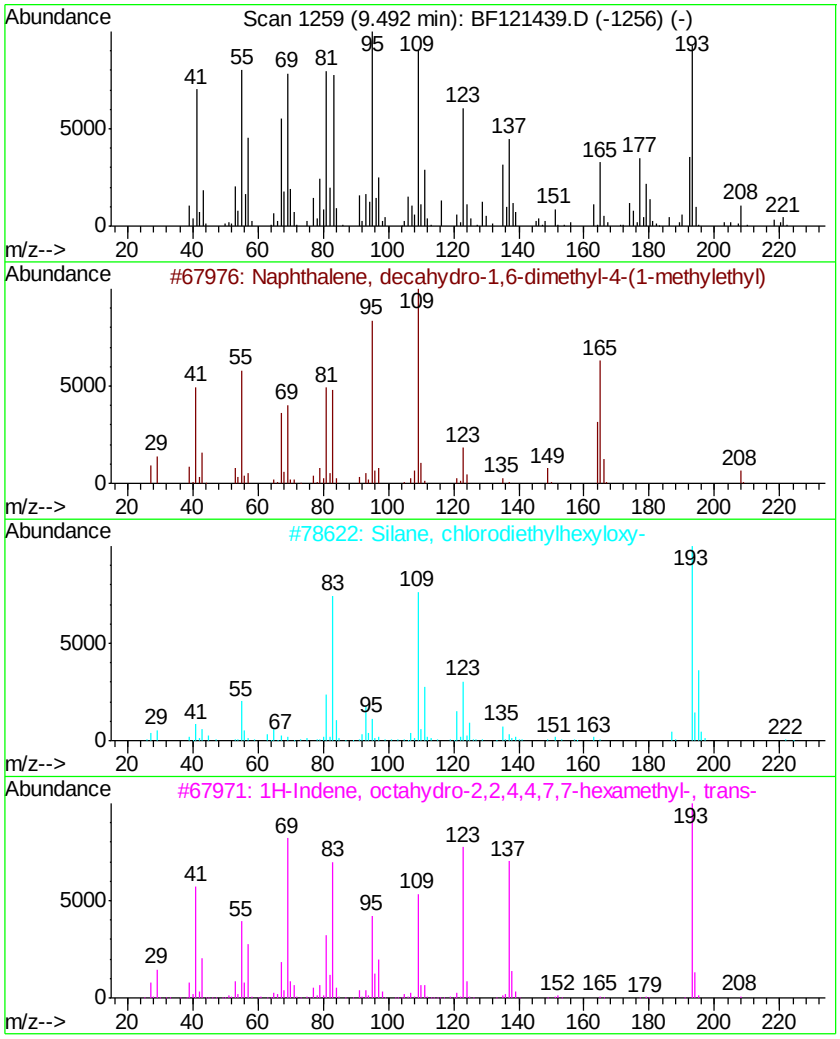
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

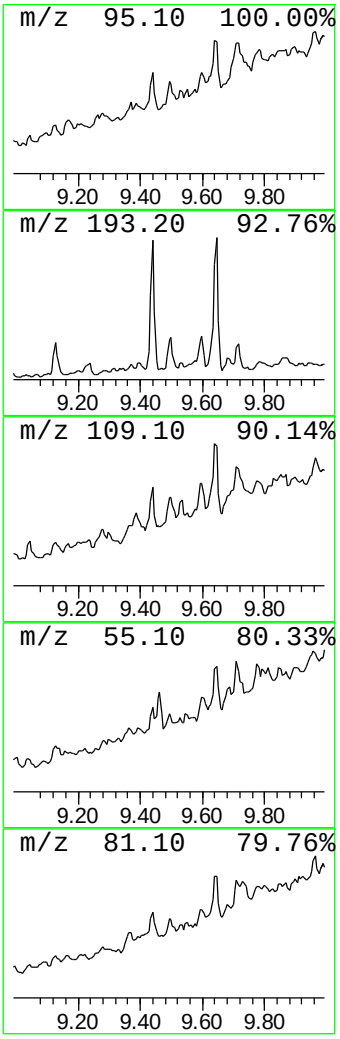
****

Peak Number 8 unknown9.49 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	5.18 ng	235515	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	46
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	46
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	46
4	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	38
5	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

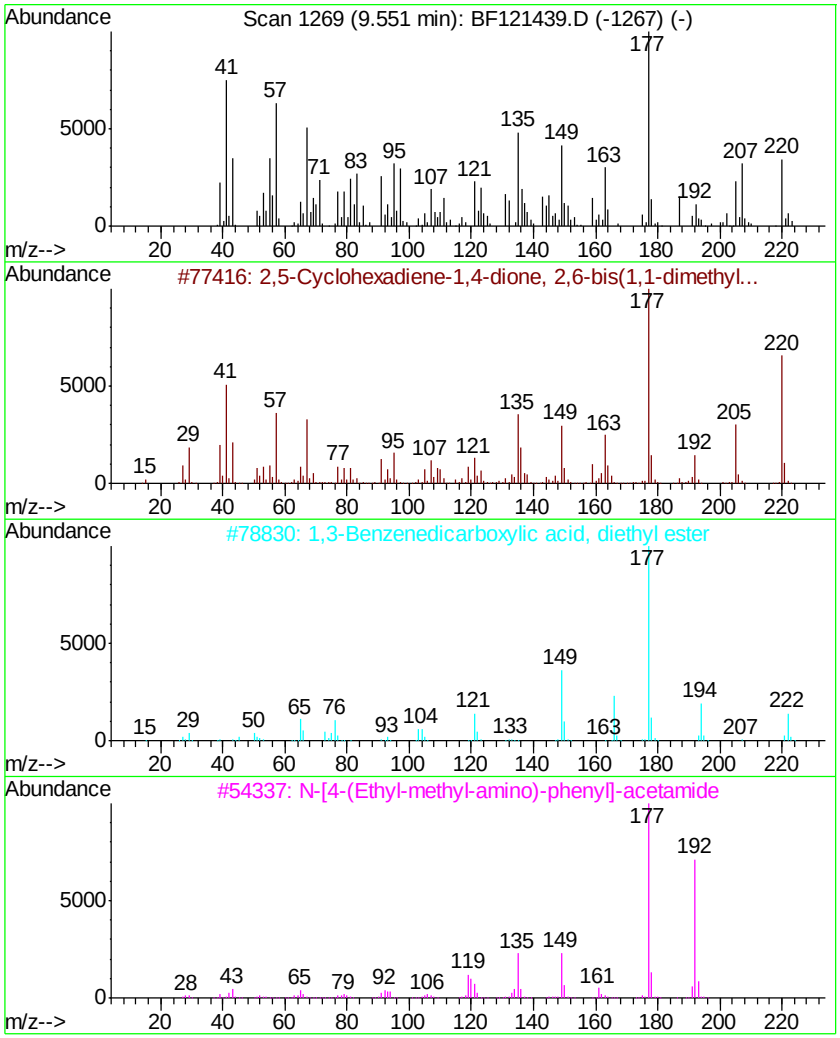
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

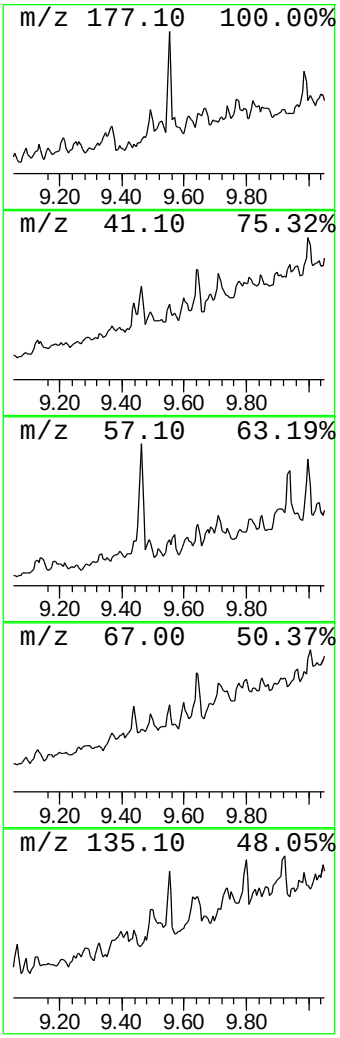
****

Peak Number 9 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.17 ng	189508	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	1,3-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-53-3	38
3	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	38
4	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	38
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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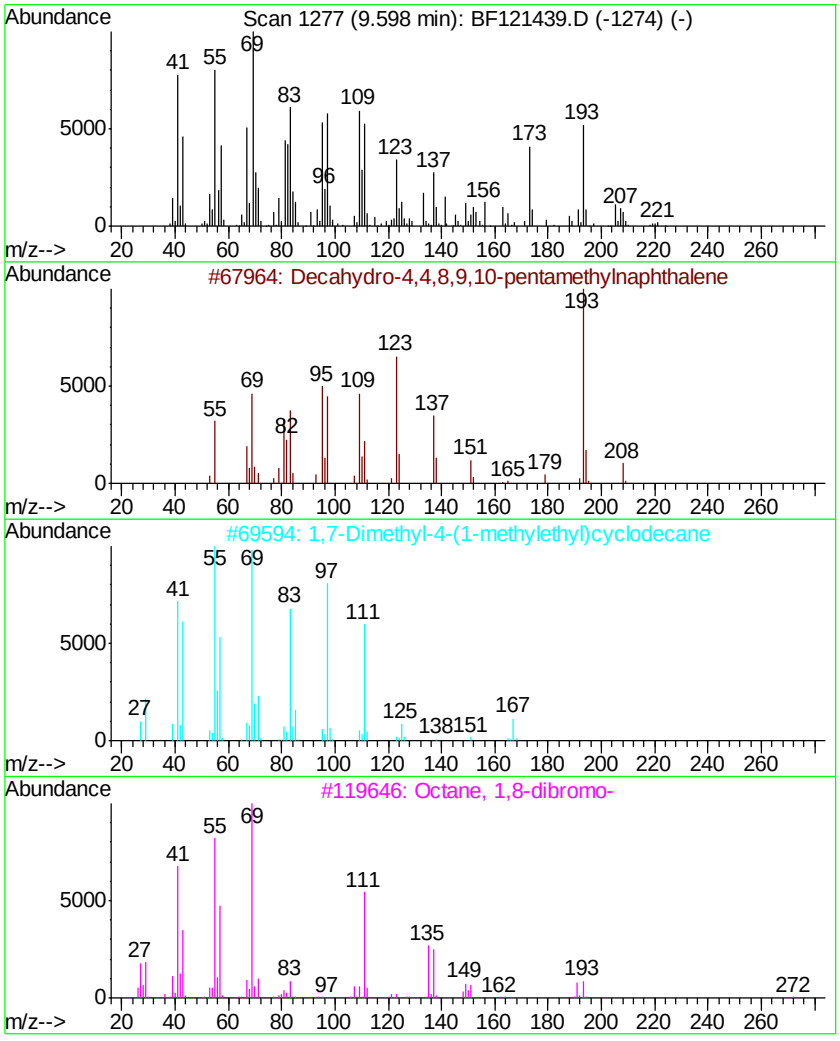
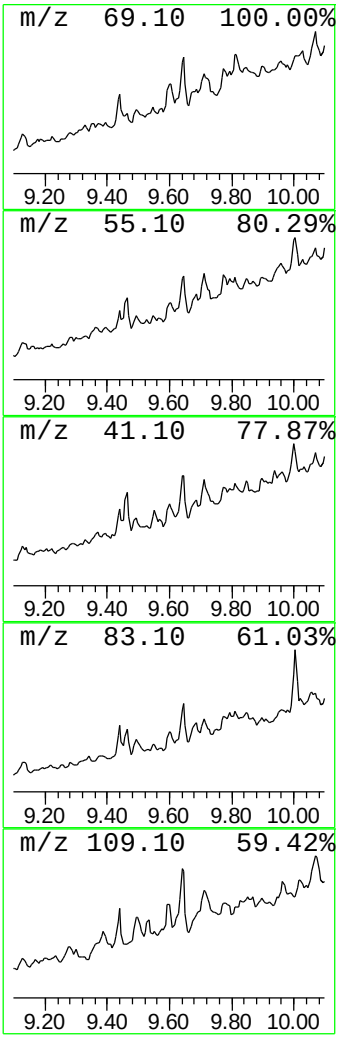
Peak Number 10 unknown9.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	15.30 ng	695208	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
3	Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	38
4	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	35
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

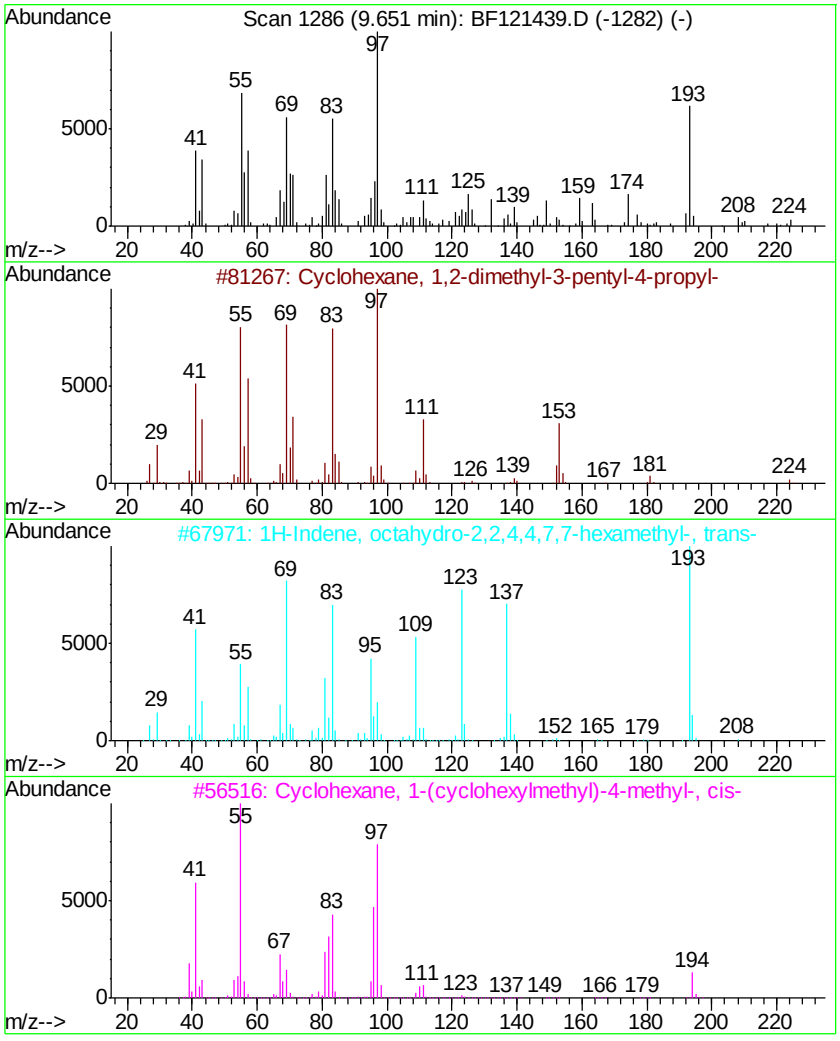
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

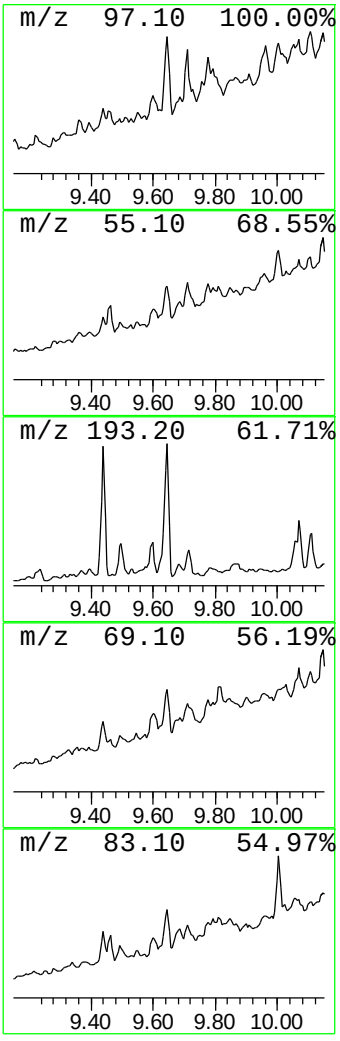
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	13.78 ng	626159	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	80
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	30
4	Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	27
5	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082520\
Data File : BF121439.D
Acq On : 25 Aug 2020 21:16
Operator : JU/CG
Sample : L3787-01 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20071

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
unknown8.61	8.61	2.5	ng	125311	2	7.98	987934	20.0
Naphthalene, 1,2,...	8.80	3.8	ng	187706	2	7.98	987934	20.0
cis,trans-2,9-Dim...	8.97	2.7	ng	121569	3	9.73	908494	20.0
Dodecane, 2,6,11-...	9.00	5.3	ng	239211	3	9.73	908494	20.0
1H-Indene, octahy...	9.13	9.1	ng	413222	3	9.73	908494	20.0
unknown9.44	9.44	7.1	ng	321043	3	9.73	908494	20.0
Tetratetracontane	9.46	8.5	ng	387994	3	9.73	908494	20.0
unknown9.49	9.49	5.2	ng	235515	3	9.73	908494	20.0
2,5-Cyclohexadien...	9.55	4.2	ng	189508	3	9.73	908494	20.0
unknown9.60	9.60	15.3	ng	695208	3	9.73	908494	20.0
Cyclohexane, 1,2-...	9.65	13.8	ng	626159	3	9.73	908494	20.0