LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

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_F\METHODS\8270-BF091117.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	5.228	531	534	551	rBV	395103	497566	4.84%	0.812%
2	6.281	710	713	723	rBV	472740	551590	5.37%	0.900%
3	6.398	729	733	738	rVV	591531	589190	5.73%	0.961%
4	6.622	767	771	777	rVB	645058	594533	5.79%	0.970%
5	6.775	793	797	804	rVB	563450	513363	5.00%	0.837%
6	7.010	834	837	840	rBV2	133050	116643	1.14%	0.190%
7	7.192	865	868	871	rBV	354249	353529	3.44%	0.577%
8	7.222	871	873	876	rVB	134413	109823	1.07%	0.179%
9	7.392	896	902	905	rBV2	110989	128359	1.25%	0.209%
10	7.422	905	907	911	rVB2	212720	188581	1.84%	0.308%
11	7.539	921	927	932	rVV5	142277	171286	1.67%	0.279%
12	7.586	932	935	940	rBV4	77872	107612	1.05%	0.176%
13	7.745	959	962	964	rVB	161230	140352	1.37%	0.229%
14	7.810	970	973	976	rVB2	113271	103911	1.01%	0.170%
15	7.910	983	990	991	rBV2	891198	1262377	12.28%	2.059%
16	7.939	991	995	997	rVB	5439272	5906407	57.48%	9.636%
17	7.998	1003	1005	1008	rVB	299134	225524	2.19%	0.368%
18	8.075	1014	1018	1021	rBV3	77197	126294	1.23%	0.206%
19	8.104	1021	1023	1025	rVB2	185076	137481	1.34%	0.224%
20	8.186	1032	1037	1042	rBV2	437414	818572	7.97%	1.335%
21	8.227	1042	1044	1047	rVB2	157236	133226	1.30%	0.217%
22	8.257	1047	1049	1052	rBV4	136461	146235	1.42%	0.239%
23	8.292	1052	1055	1058	rBV	1679983	1398154	13.61%	2.281%
24	8.351	1060	1065	1066	rBV3	193949	324402	3.16%	0.529%
25	8.375	1066	1069	1072	rVB	961682	781920	7.61%	1.276%
26	8.410	1072	1075	1078	rBV2	605883	530468	5.16%	0.865%
27	8.439	1078	1080	1082	rVV3	227356	194421	1.89%	0.317%
28	8.475	1082	1086	1088	rVV	1677449	1429142	13.91%	2.331%
29	8.498	1088	1090	1093	rVB2	740629	600843	5.85%	0.980%
30	8.533	1093	1096	1100	rBV3	221132	244244	2.38%	0.398%
31	8.569	1100	1102	1104	rBV3	136560	115617	1.13%	0.189%
32	8.639	1107	1114	1116	rBV	7854756	10275775	100.00%	16.764%
33	8.727	1124	1129	1132	rBV	5527921	6057631	58.95%	9.882%
34	8.786	1136	1139	1141	rVV2	271860	200913	1.96%	0.328%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

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_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.804	1141	1142	1146	rVB3	134120	134994	1.31%	0.220%
36	8.851	1148	1150	1152	rBV2	148444	151017	1.47%	0.246%
37	8.892	1155	1157	1158	rBV2	129734	107408	1.05%	0.175%
38	8.980	1166	1172	1175	rBV2	759618	829562	8.07%	1.353%
39	9.016	1175	1178	1181	rBV4	185588	222774	2.17%	0.363%
40	9.051	1181	1184	1188	rBV3	416184	678104	6.60%	1.106%
41	9.086	1188	1190	1192	rVV	252047	210583	2.05%	0.344%
42	9.127	1193	1197	1200	rVV2	381457	527107	5.13%	0.860%
43	9.180	1204	1206	1210	rVB	547840	498038	4.85%	0.812%
44	9.257	1214	1219	1221	rVB	949352	1293111	12.58%	2.110%
45	9.292	1222	1225	1227	rBV4	335606	432500	4.21%	0.706%
46	9.327	1227	1231	1233	rVV2	1644360	1919834	18.68%	3.132%
47	9.351	1233	1235	1239	rVV2	976762	1072041	10.43%	1.749%
48	9.392	1239	1242	1244	rVV2	567401	623801	6.07%	1.018%
49	9.416	1244	1246	1248	rVV2	466263	456169	4.44%	0.744%
50	9.439	1248	1250	1254	rVB2	653691	827260	8.05%	1.350%
51	9.522	1262	1264	1267	rBV2	819254	849374	8.27%	1.386%
52	9.569	1269	1272	1275	rVV2	1082297	1042643	10.15%	1.701%
53	9.604	1275	1278	1280	rVV2	457560	483157	4.70%	0.788%
54	9.645	1281	1285	1286	rVV3	1282044	1515638	14.75%	2.473%
55	9.663	1286	1288	1292	rVB2	1505947	1750439	17.03%	2.856%
56	9.839	1316	1318	1321	rBV2	525718	522597	5.09%	0.853%
57	9.869	1321	1323	1325	rVB	598903	368726	3.59%	0.602%
58	9.927	1331	1333	1338	rVB4	852078	906675	8.82%	1.479%
59	10.069	1355	1357	1359	rBV2	727589	611267	5.95%	0.997%
60	10.333	1398	1402	1409	rBV	1684092	3102286	30.19%	5.061%
61	10.610	1446	1449	1461	rVB	2019164	4007942	39.00%	6.539%
62	13.798	1989	1991	1995	rVB	593077	566400	5.51%	0.924%
63	15.180	2223	2226	2236	rVB	399061	509847	4.96%	0.832%

Sum of corrected areas: 61297278

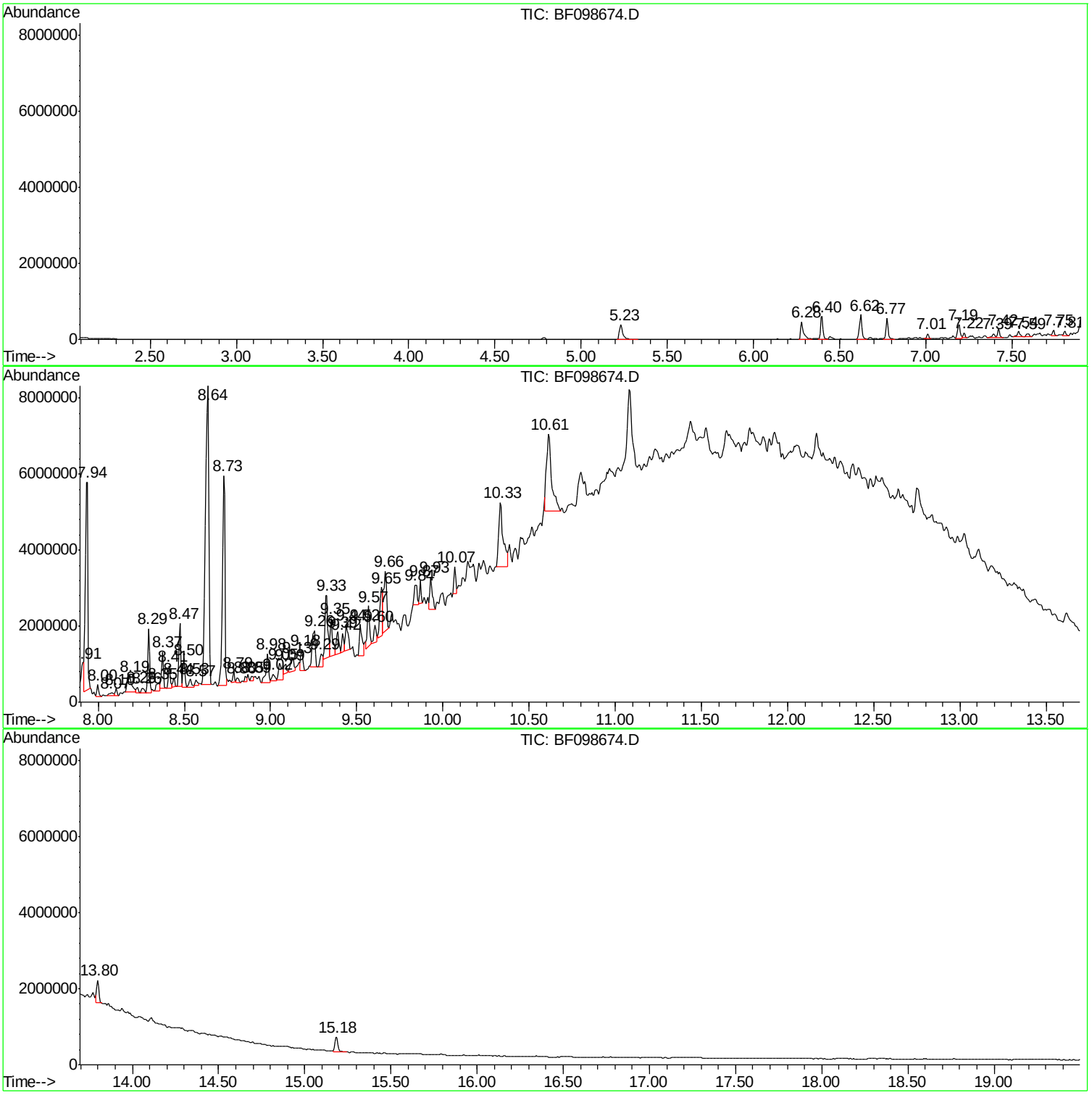
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

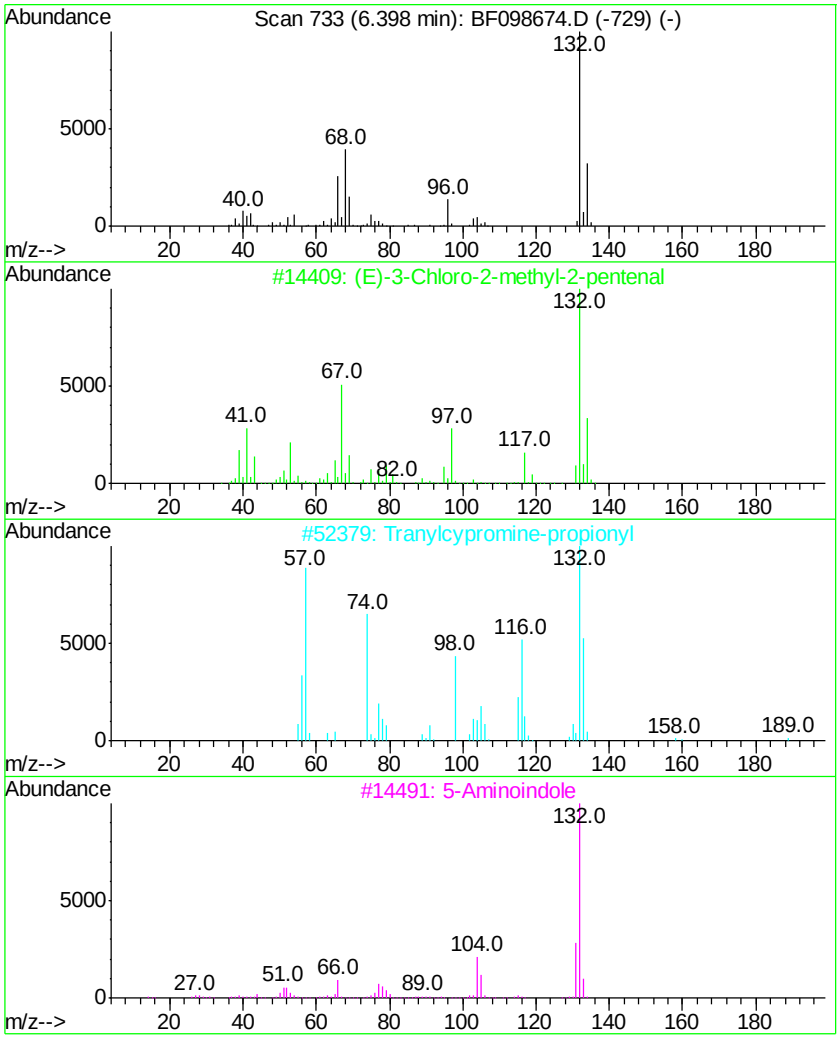
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

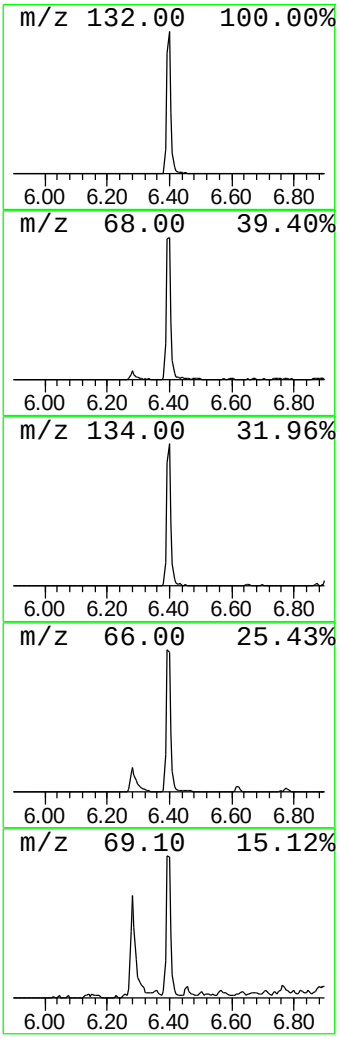
****

Peak Number 1 unknown6.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	19.82 ng	589190	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

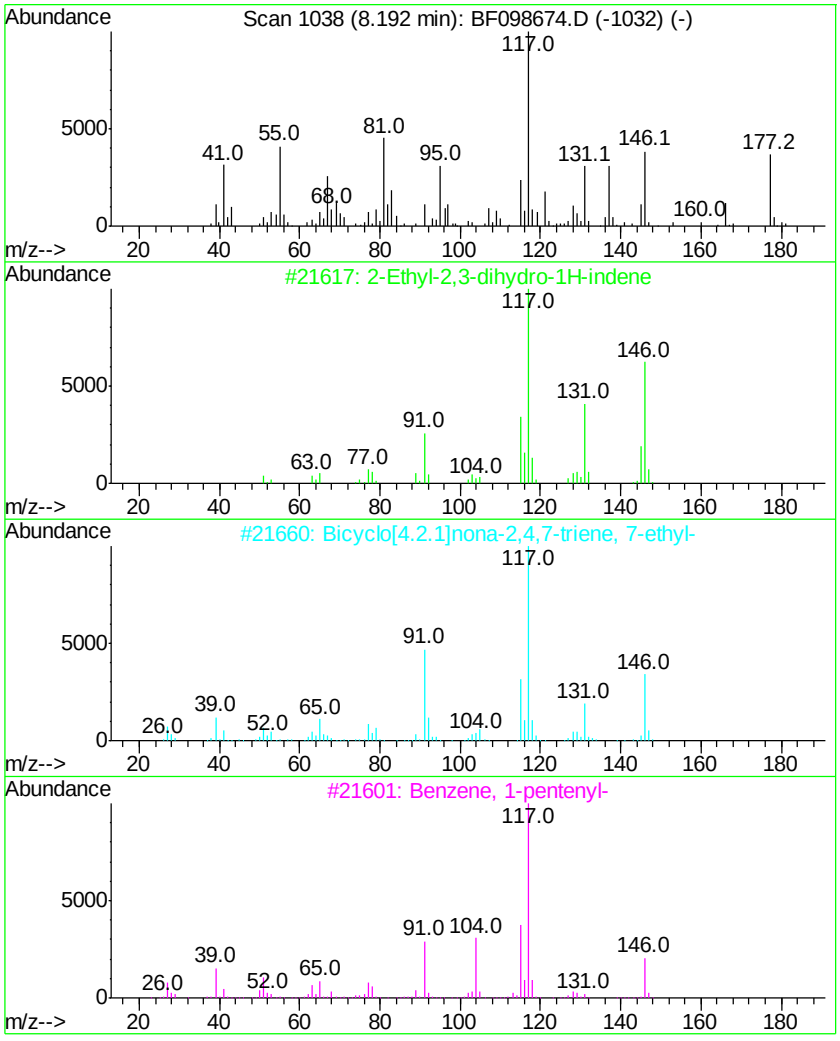
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

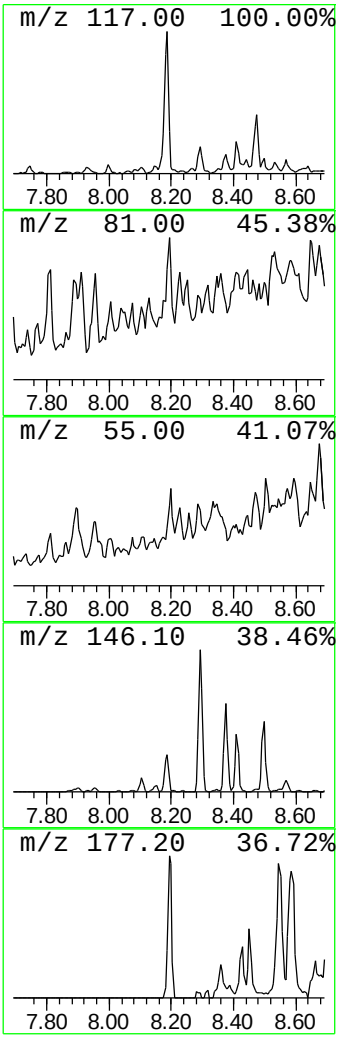
****

Peak Number 3 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	12.97 ng	818572	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	50
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

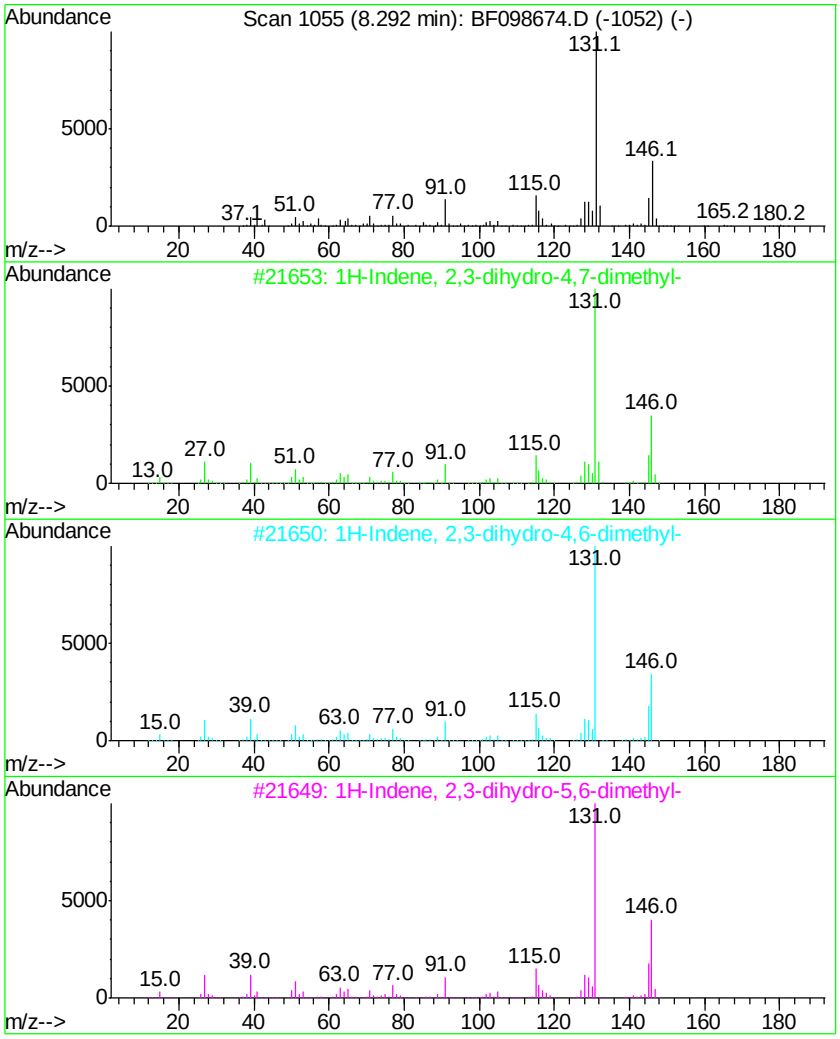
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

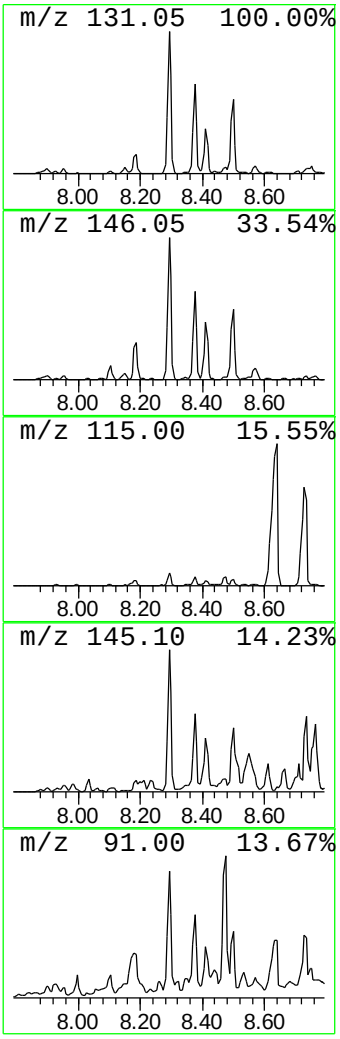
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	22.15 ng	1398150	Naphthalene-d8	7.91

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	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

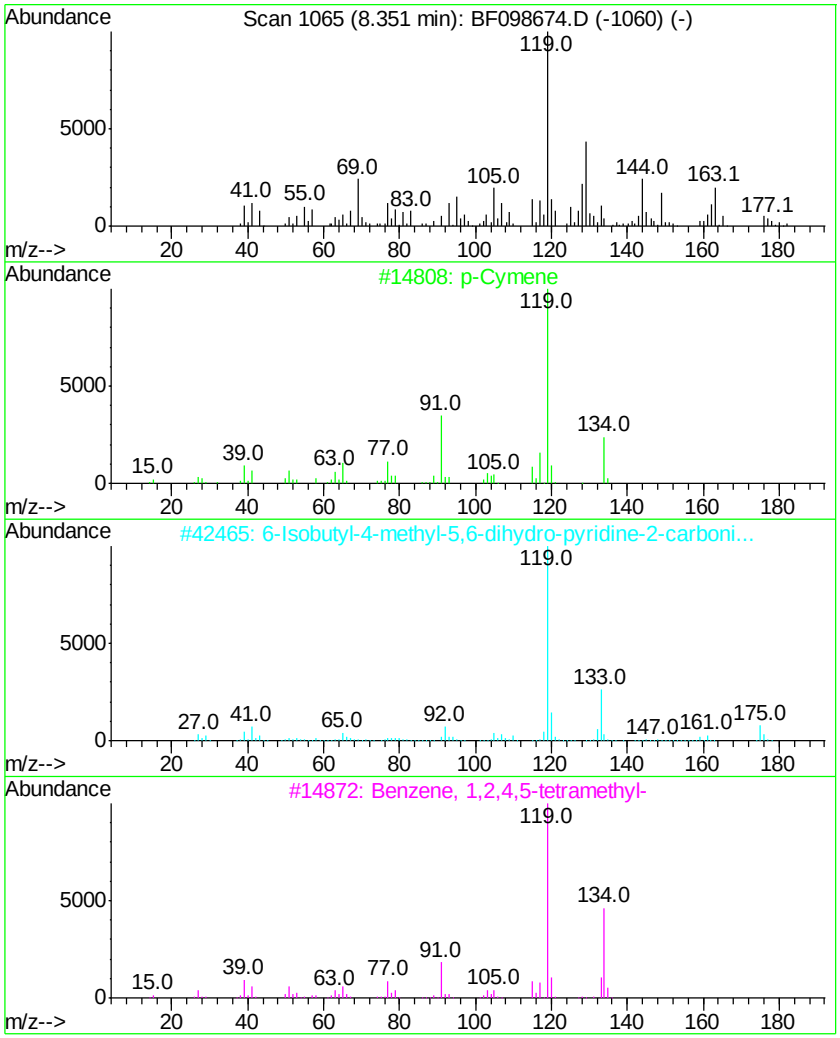
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

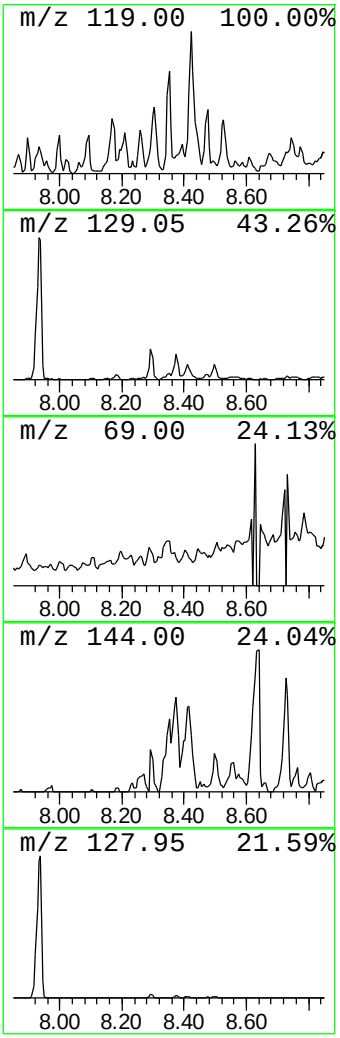
****

Peak Number 5 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.14 ng	324402	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	30
2	6-Isobutyl-4-methyl-5,6-dihydro-...	176	C11H16N2	1000185-72-5	30
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	30
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	27
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

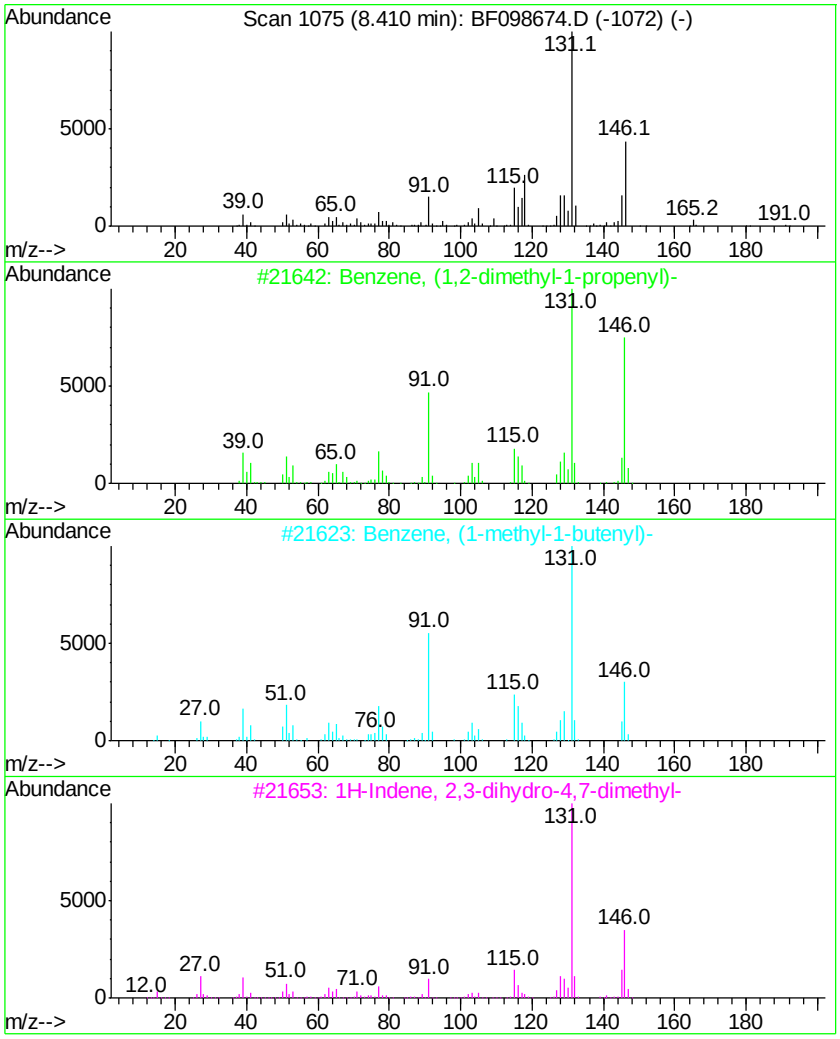
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

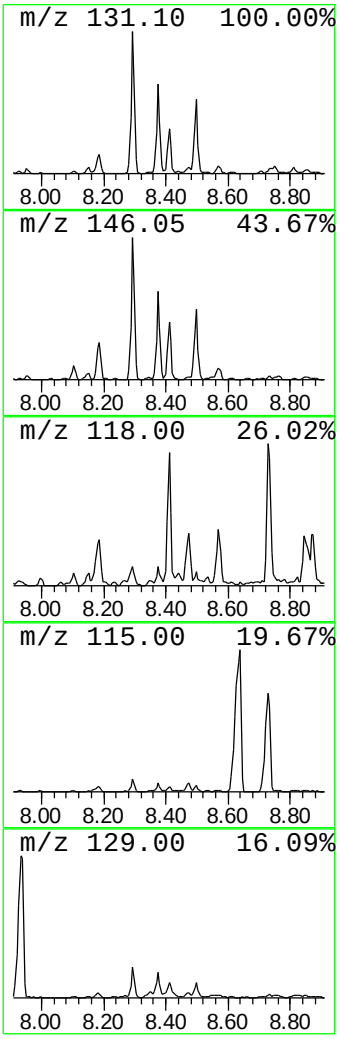
****

Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	8.40 ng	530468	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

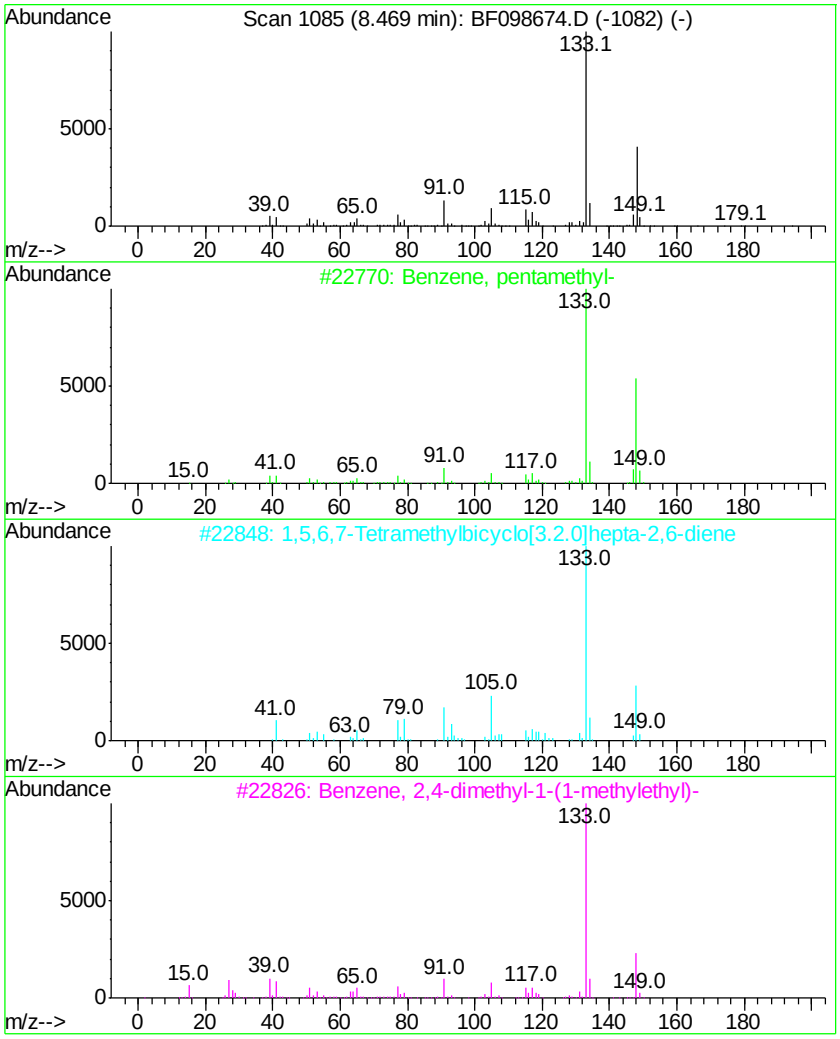
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

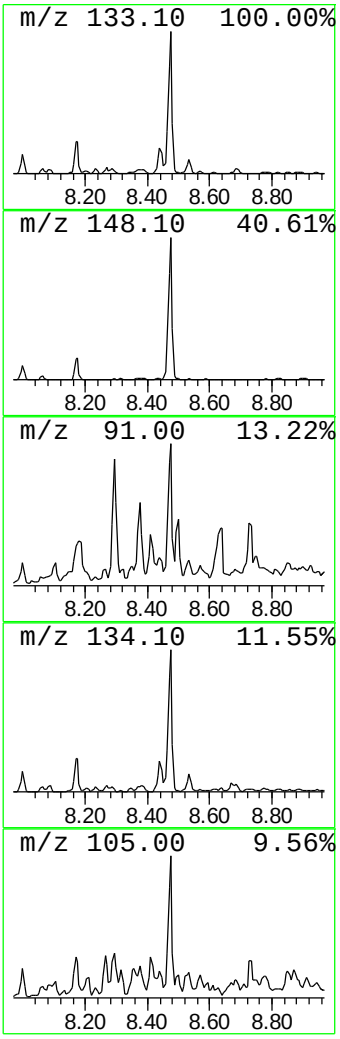
****

Peak Number 8 Benzene, pentamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	22.64 ng	1429140	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	91
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

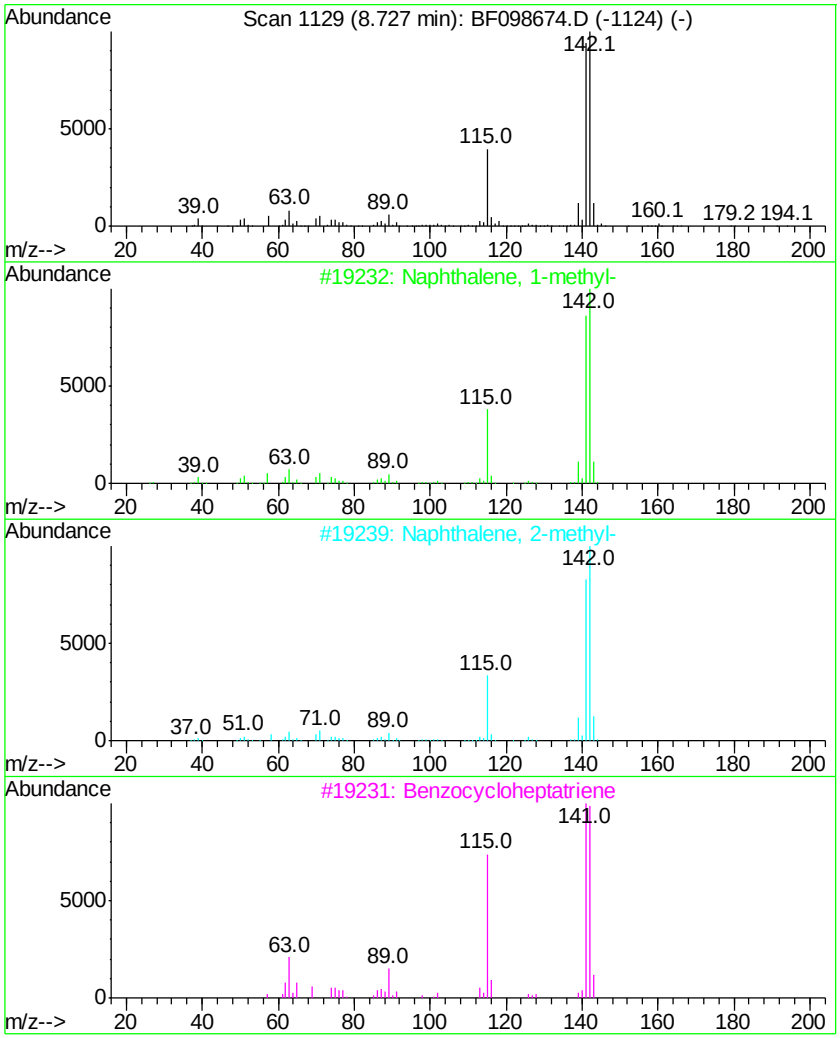
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

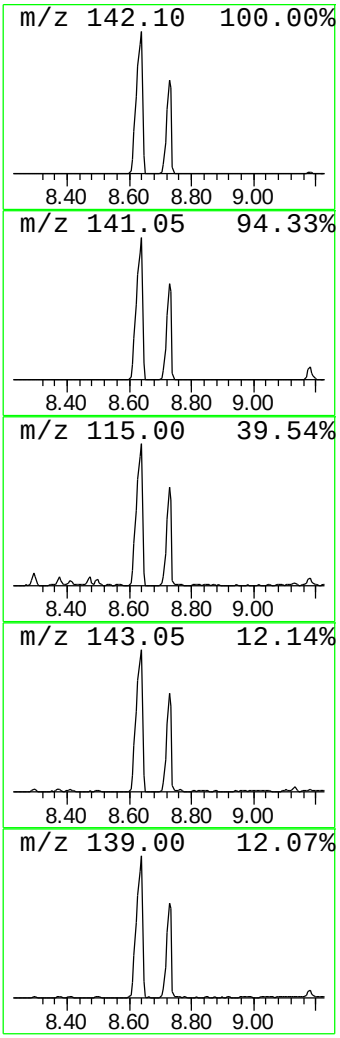
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	95.97 ng	6057630	Naphthalene-d8	7.91

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	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

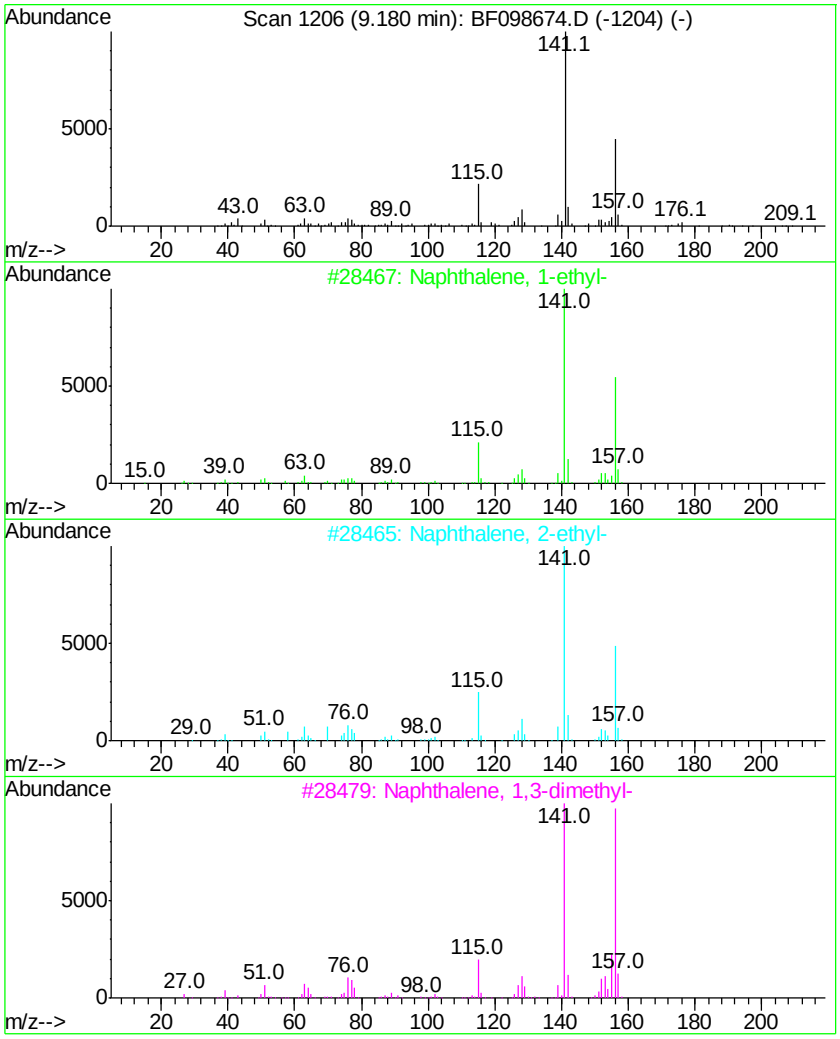
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

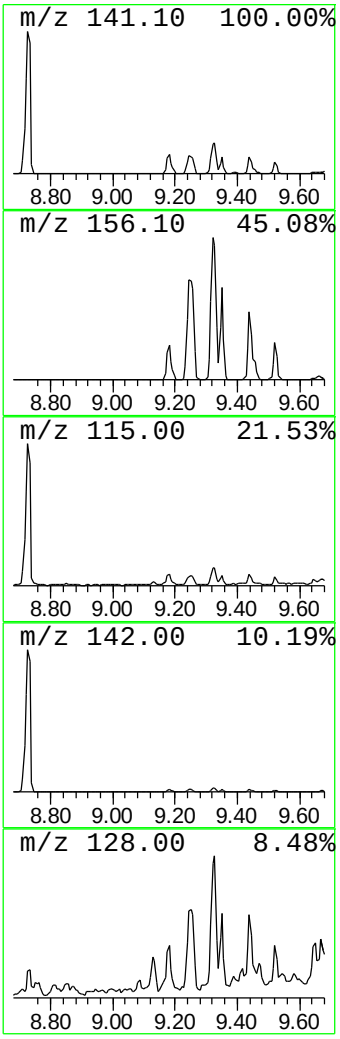
****

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.69 ng	498038	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

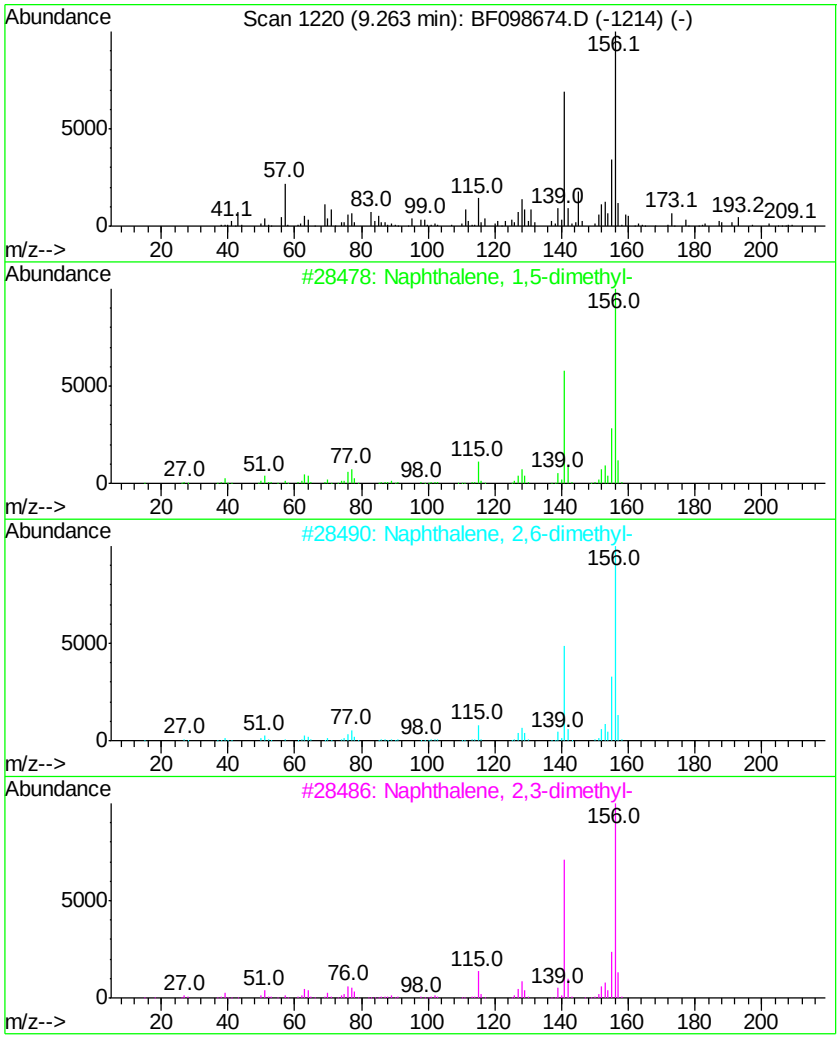
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

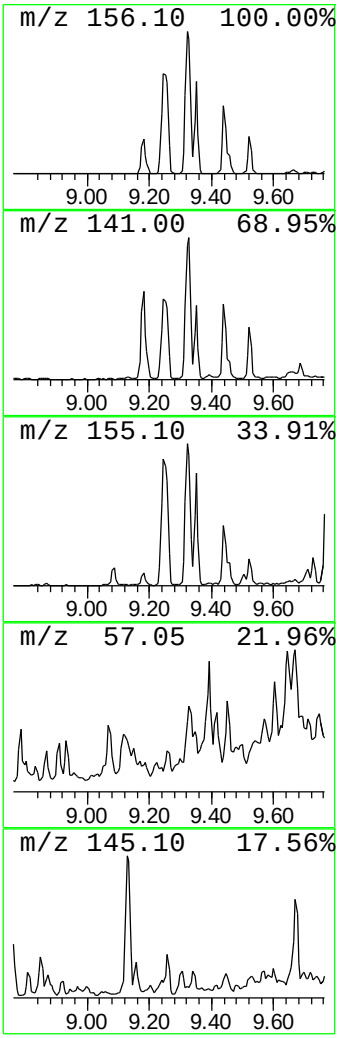
****

Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	14.77 ng	1293110	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

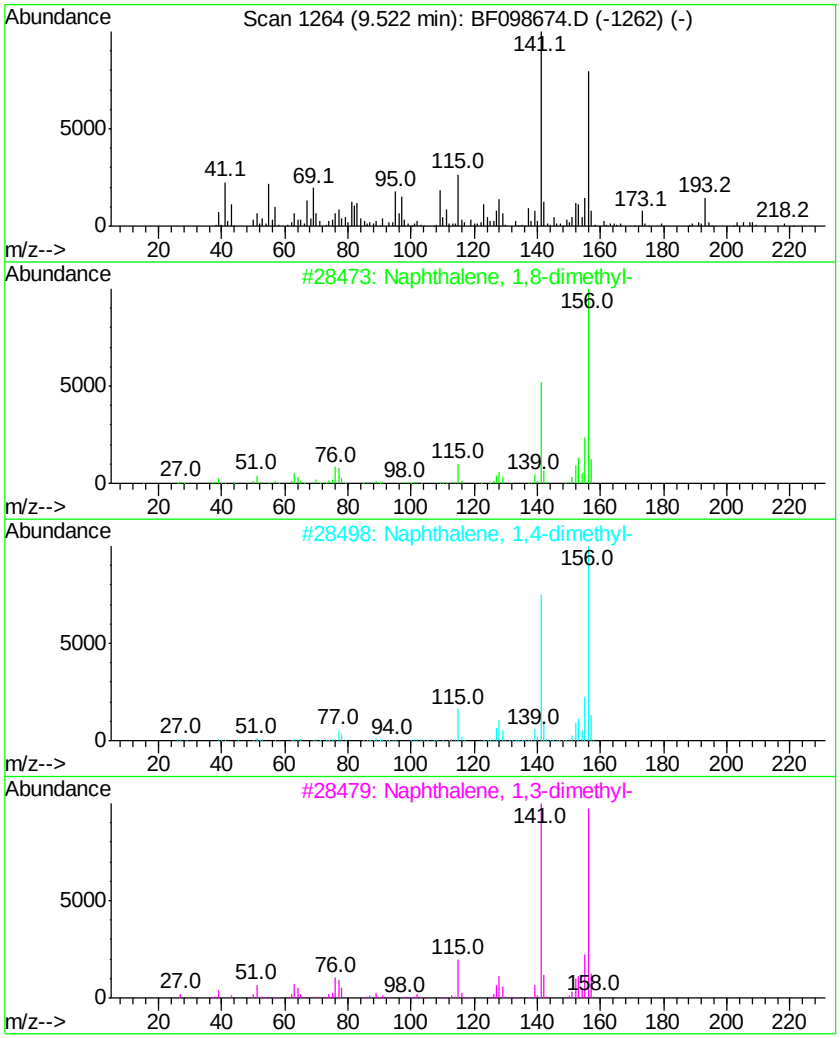
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

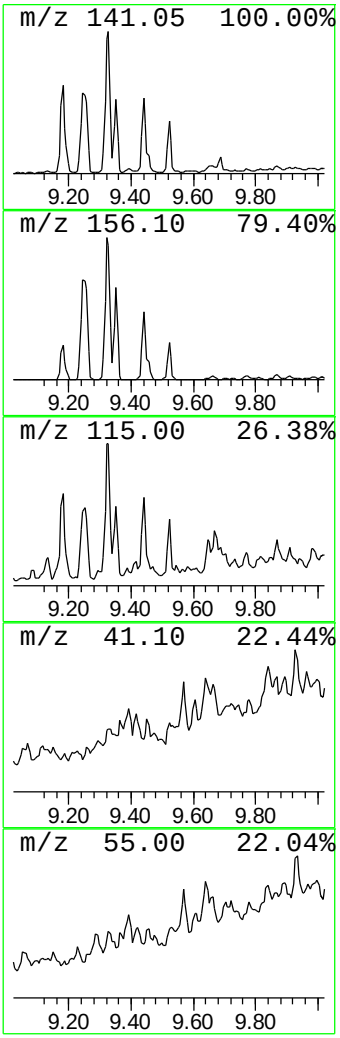
****

Peak Number 14 Naphthalene, 1,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	9.70 ng	849374	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

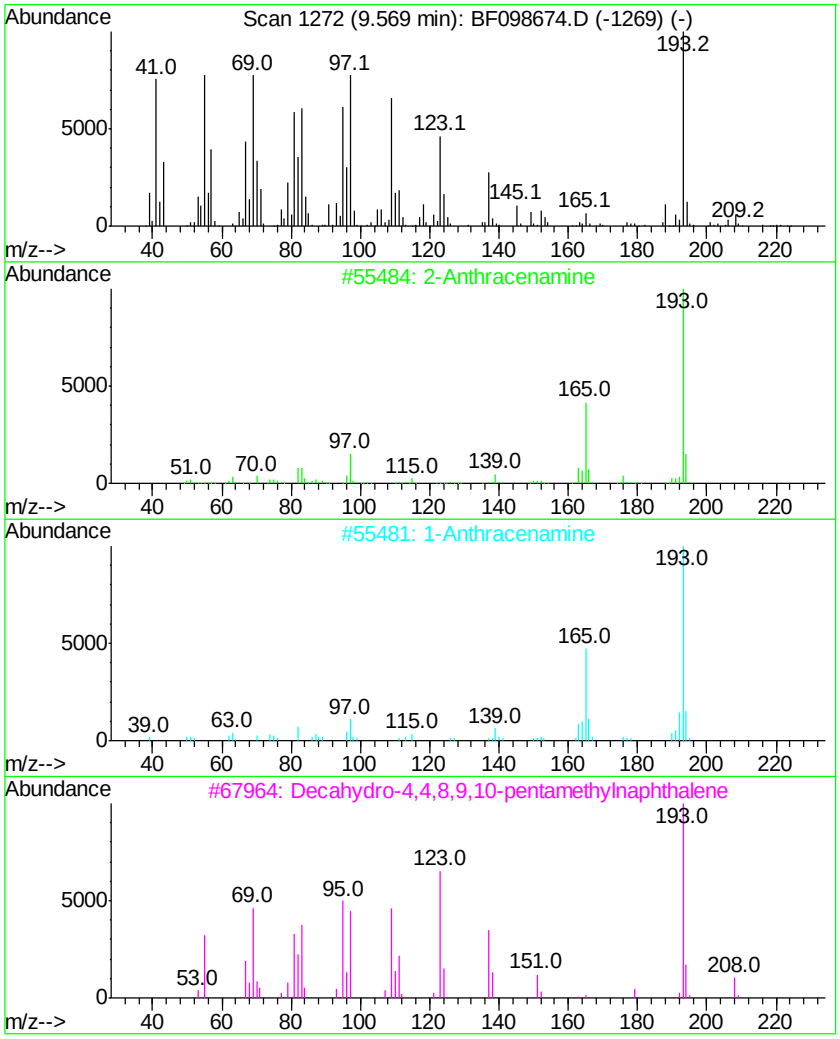
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

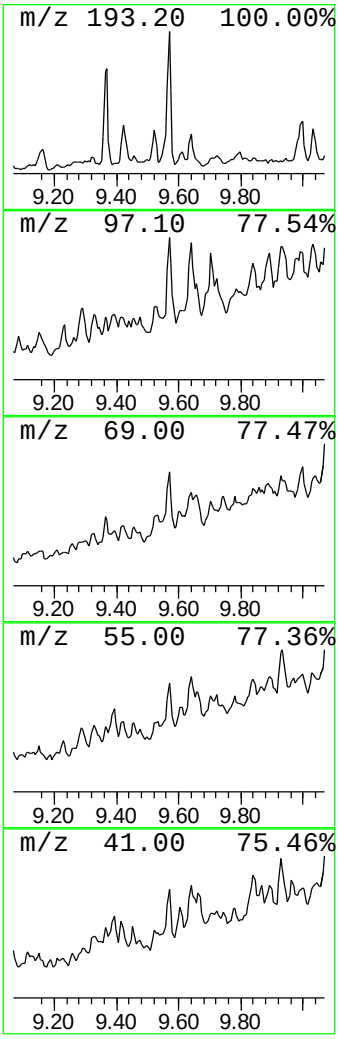
****

Peak Number 15 unknown9.57 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	11.91 ng	1042640	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	46
2	1-Anthracenamine	193	C14H11N	000610-49-1	46
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
5	Silane, [(11-chloroundecyl)oxy]t...	278	C14H31ClOSi	026305-82-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

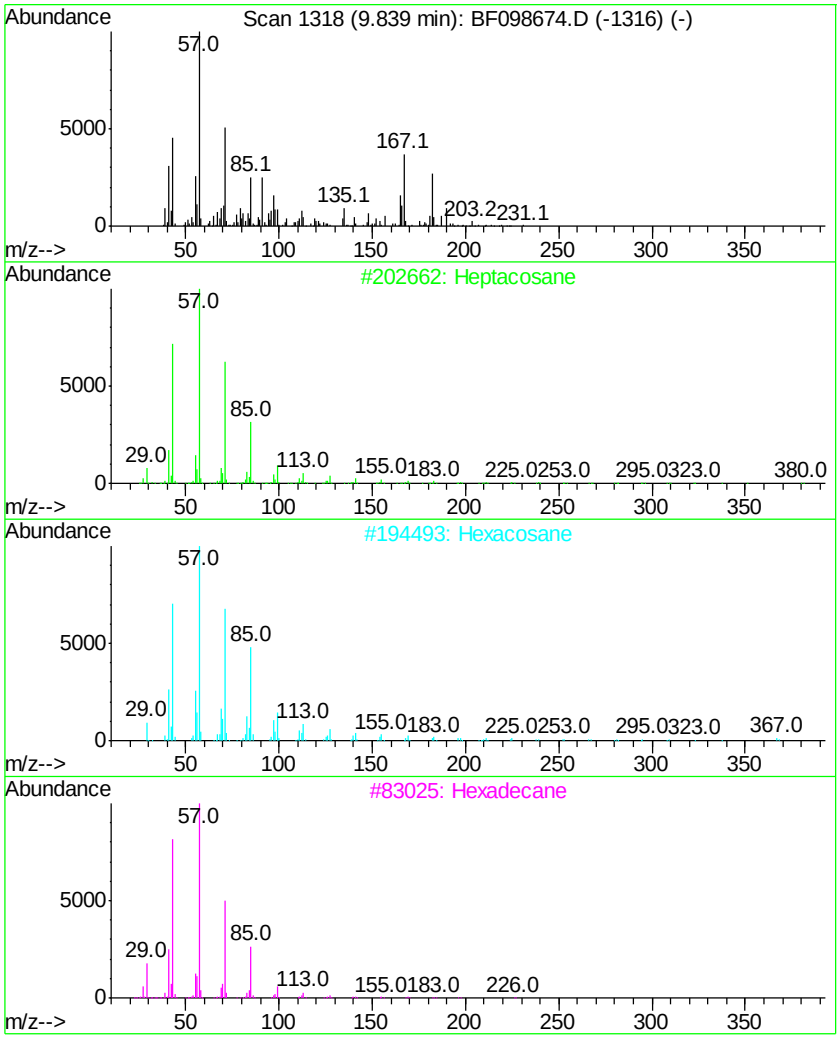
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

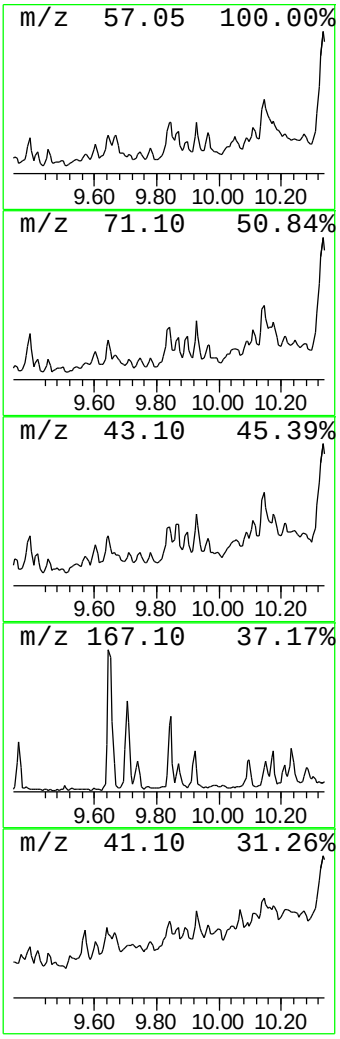
****

Peak Number 17 unknown9.84 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	5.97 ng	522597	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	43
2	Hexacosane	366	C26H54	000630-01-3	35
3	Hexadecane	226	C16H34	000544-76-3	35
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	30
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

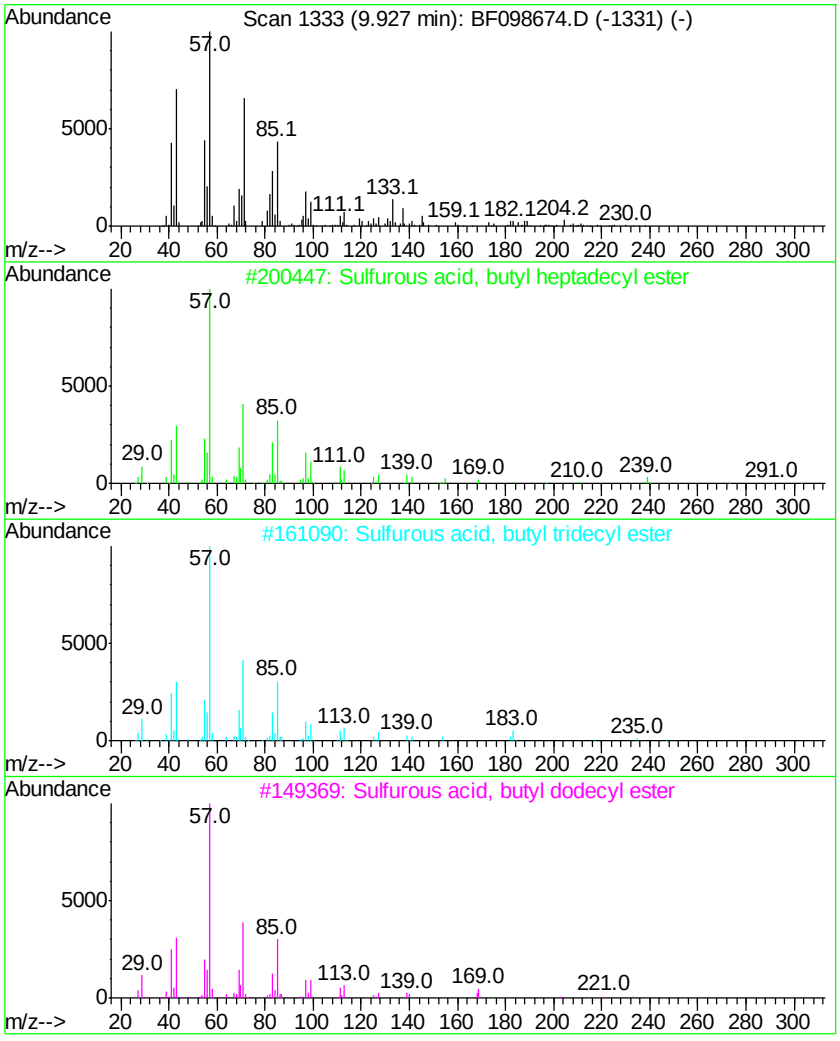
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

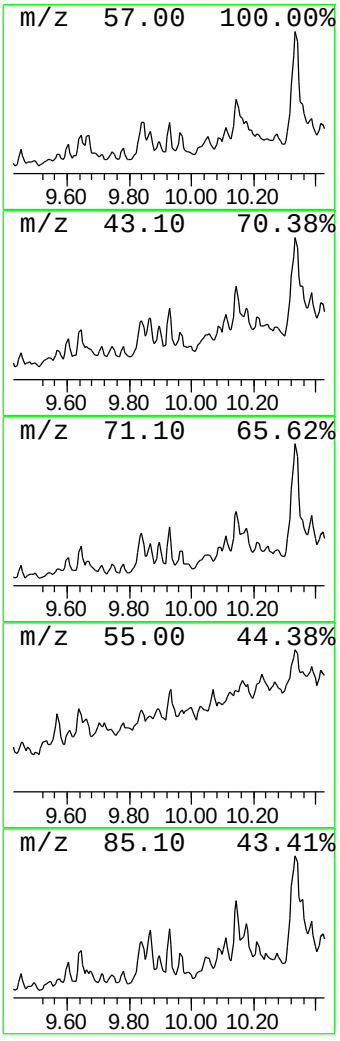
****

Peak Number 18 Sulfurous acid, butyl hepta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	10.36 ng	906675	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
4	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	64
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

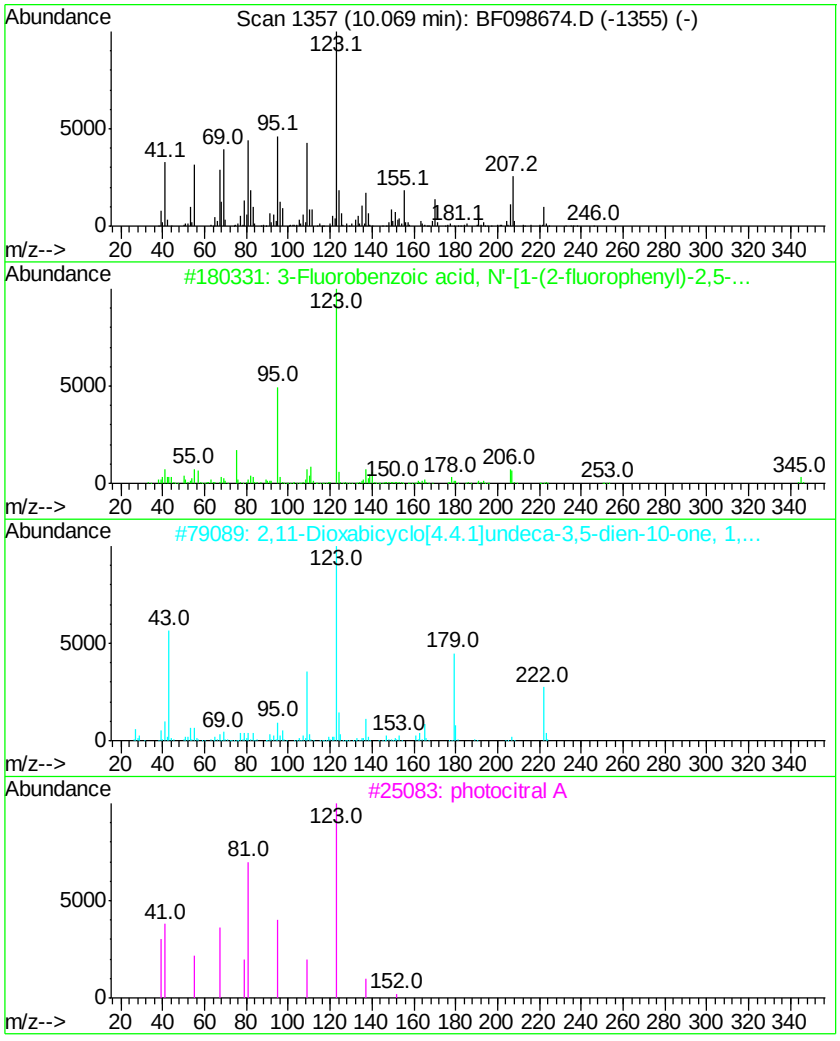
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

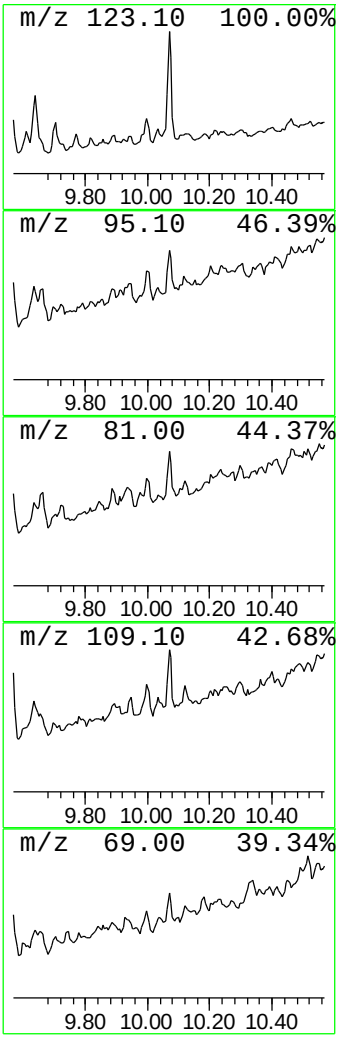
****

Peak Number 19 unknown10.07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	6.98 ng	611267	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, N'-[1-(2-f...	345	C17H13F2N3O3	1000304-52-3	47
2	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	47
3	photocitral A	152	C10H16O	055253-28-6	38
4	Benzamide, 2-fluoro-N-(4-methoxy...	245	C14H12FNO2	212209-96-6	38
5	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

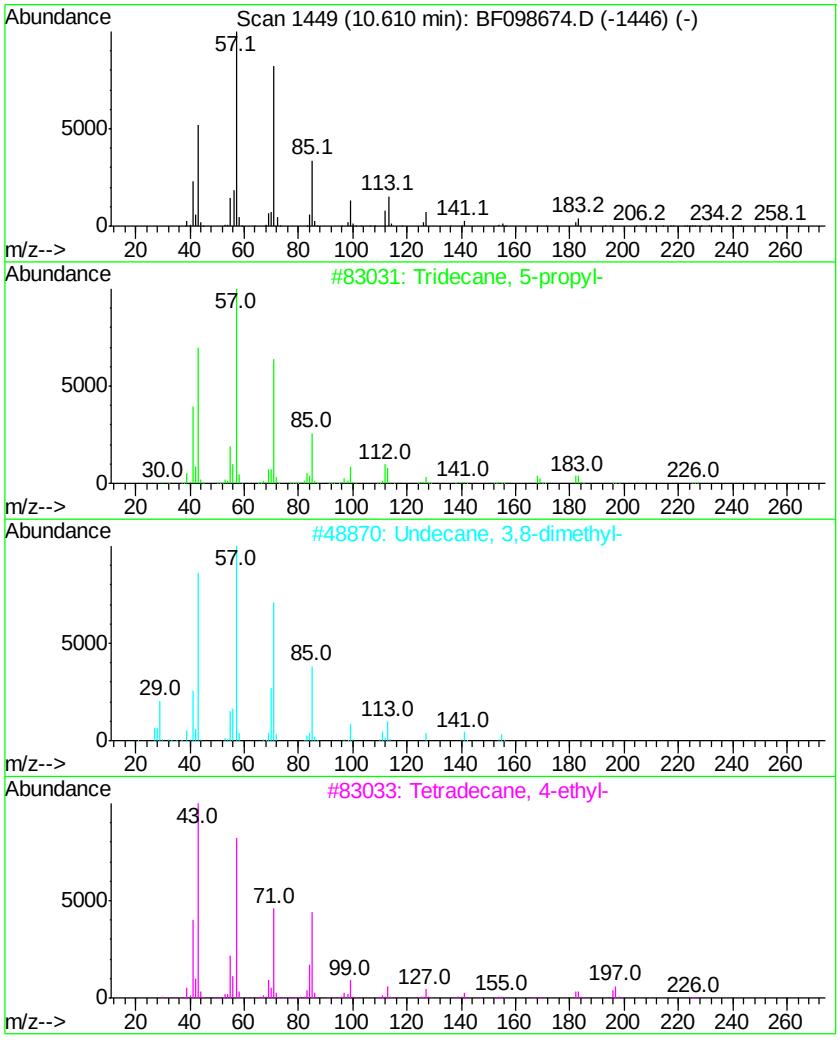
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

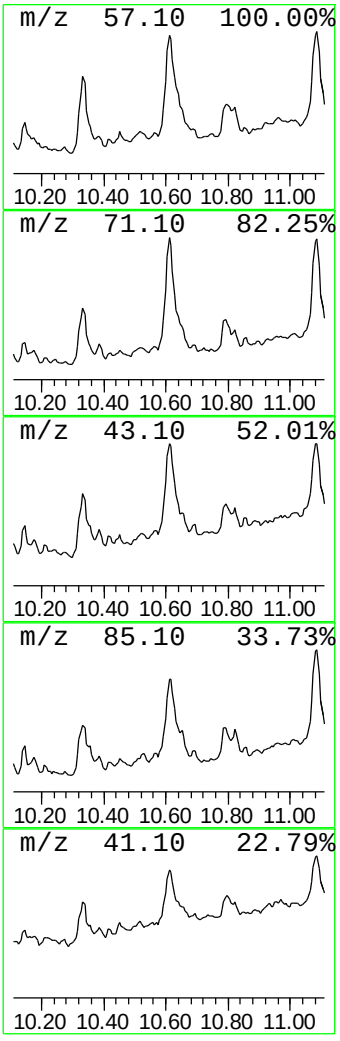
****

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	20.00 ng	4007940	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092017\
Data File : BF098674.D
Acq On : 20 Sep 2017 21:48
Operator : SJ/JU
Sample : I5291-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
unknown6.40	6.40	19.8	ng	589190	1	6.62	594533	20.0
2-Ethyl-2,3-dihyd...	8.19	13.0	ng	818572	2	7.91	1262380	20.0
1H-Indene, 2,3-di...	8.29	22.1	ng	1398150	2	7.91	1262380	20.0
p-Cymene	8.35	5.1	ng	324402	2	7.91	1262380	20.0
Benzene, (1,2-dim...	8.41	8.4	ng	530468	2	7.91	1262380	20.0
Benzene, pentamet...	8.47	22.6	ng	1429140	2	7.91	1262380	20.0
Naphthalene, 1-me...	8.73	96.0	ng	6057630	2	7.91	1262380	20.0
Naphthalene, 1-et...	9.18	5.7	ng	498038	3	9.66	1750440	20.0
Naphthalene, 1,5-...	9.26	14.8	ng	1293110	3	9.66	1750440	20.0
Naphthalene, 1,8-...	9.52	9.7	ng	849374	3	9.66	1750440	20.0
unknown9.57	9.57	11.9	ng	1042640	3	9.66	1750440	20.0
unknown9.84	9.84	6.0	ng	522597	3	9.66	1750440	20.0
Sulfurous acid, b...	9.93	10.4	ng	906675	3	9.66	1750440	20.0
unknown10.07	10.07	7.0	ng	611267	3	9.66	1750440	20.0
Tridecane, 5-propyl-	10.61	20.0	ng	4007940	4	11.17	4007940	20.0