LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

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-BF122116.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	2.804	85	89	94	rVB	33891	80196	1.11%	0.151%
2	3.696	161	167	172	rBV2	49632	111199	1.54%	0.210%
3	3.924	185	187	192	rBV2	38543	102495	1.42%	0.194%
4	4.096	199	202	211	rVB	136378	233187	3.22%	0.440%
5	4.656	250	251	263	rVB	565119	987204	13.63%	1.865%
6	5.090	284	289	291	rBV	86980	119283	1.65%	0.225%
7	5.136	291	293	296	rBV	2187675	2755582	38.06%	5.205%
8	5.284	302	306	310	rVB	183502	238444	3.29%	0.450%
9	5.879	352	358	360	rBV3	43764	90240	1.25%	0.170%
10	6.222	385	388	394	rBV	1275296	2036785	28.13%	3.847%
11	6.324	394	397	402	rVB	5418192	5362316	74.06%	10.128%
12	6.553	414	417	419	rBV	1243170	1239476	17.12%	2.341%
13	6.599	419	421	423	rVB2	73944	111569	1.54%	0.211%
14	6.656	423	426	428	rVB4	64049	110720	1.53%	0.209%
15	6.713	428	431	433	rBV	4004289	5168087	71.38%	9.762%
16	6.884	442	446	449	rBV4	68263	144577	2.00%	0.273%
17	7.124	464	467	470	rBV	3052122	4529186	62.55%	8.555%
18	7.182	470	472	476	rVB4	119786	251017	3.47%	0.474%
19	7.250	476	478	480	rBV2	107466	116543	1.61%	0.220%
20	7.319	482	484	490	rVB2	149270	259909	3.59%	0.491%
21	7.410	490	492	494	rBV	379486	374435	5.17%	0.707%
22	7.456	494	496	498	rBV	111329	130325	1.80%	0.246%
23	7.536	500	503	504	rVB	238985	336934	4.65%	0.636%
24	7.582	504	507	509	rVB	122228	141549	1.95%	0.267%
25	7.776	521	524	526	rBV2	89519	99822	1.38%	0.189%
26	7.845	527	530	531	rVV	1330217	1756487	24.26%	3.318%
27	7.890	531	534	537	rVB2	285641	519991	7.18%	0.982%
28	8.050	546	548	553	rBV3	66779	193413	2.67%	0.365%
29	8.142	553	556	558	rVV	71215	167484	2.31%	0.316%
30	8.290	565	569	571	rBV	43998	84572	1.17%	0.160%
31	8.473	580	585	587	rBV3	94921	193698	2.68%	0.366%
32	8.542	589	591	593	rVB2	78896	109224	1.51%	0.206%
33	8.690	601	604	607	rVV4	62292	118783	1.64%	0.224%
34	8.759	607	610	614	rVB4	40954	109373	1.51%	0.207%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.919	621	624	627	rVB	5302729	7240495	100.00%	13.676%
36	9.319	657	659	663	rVB	154524	171777	2.37%	0.324%
37	9.582	680	682	685	rBV	1484591	1816798	25.09%	3.432%
38	9.776	697	699	702	rBV	76303	84042	1.16%	0.159%
39	10.039	718	722	724	rVB3	47765	85670	1.18%	0.162%
40	10.382	749	752	754	rBV	3502553	4084370	56.41%	7.715%
41	10.953	797	802	809	rBV2	105138	173503	2.40%	0.328%
42	11.068	809	812	814	rBV	1373326	1692279	23.37%	3.196%
43	11.616	858	860	864	rBV2	124386	170305	2.35%	0.322%
44	12.405	927	929	931	rBV	84588	127750	1.76%	0.241%
45	12.485	934	936	939	rVB2	265644	288327	3.98%	0.545%
46	12.656	948	951	953	rBV	5387260	6140642	84.81%	11.599%
47	13.194	995	998	1000	rBV	191083	187948	2.60%	0.355%
48	13.571	1028	1031	1039	rBV2	47246	97121	1.34%	0.183%
49	13.685	1039	1041	1044	rBV	988620	1231395	17.01%	2.326%
50	15.045	1157	1160	1163	rBV	747912	966598	13.35%	1.826%

Sum of corrected areas: 52943125

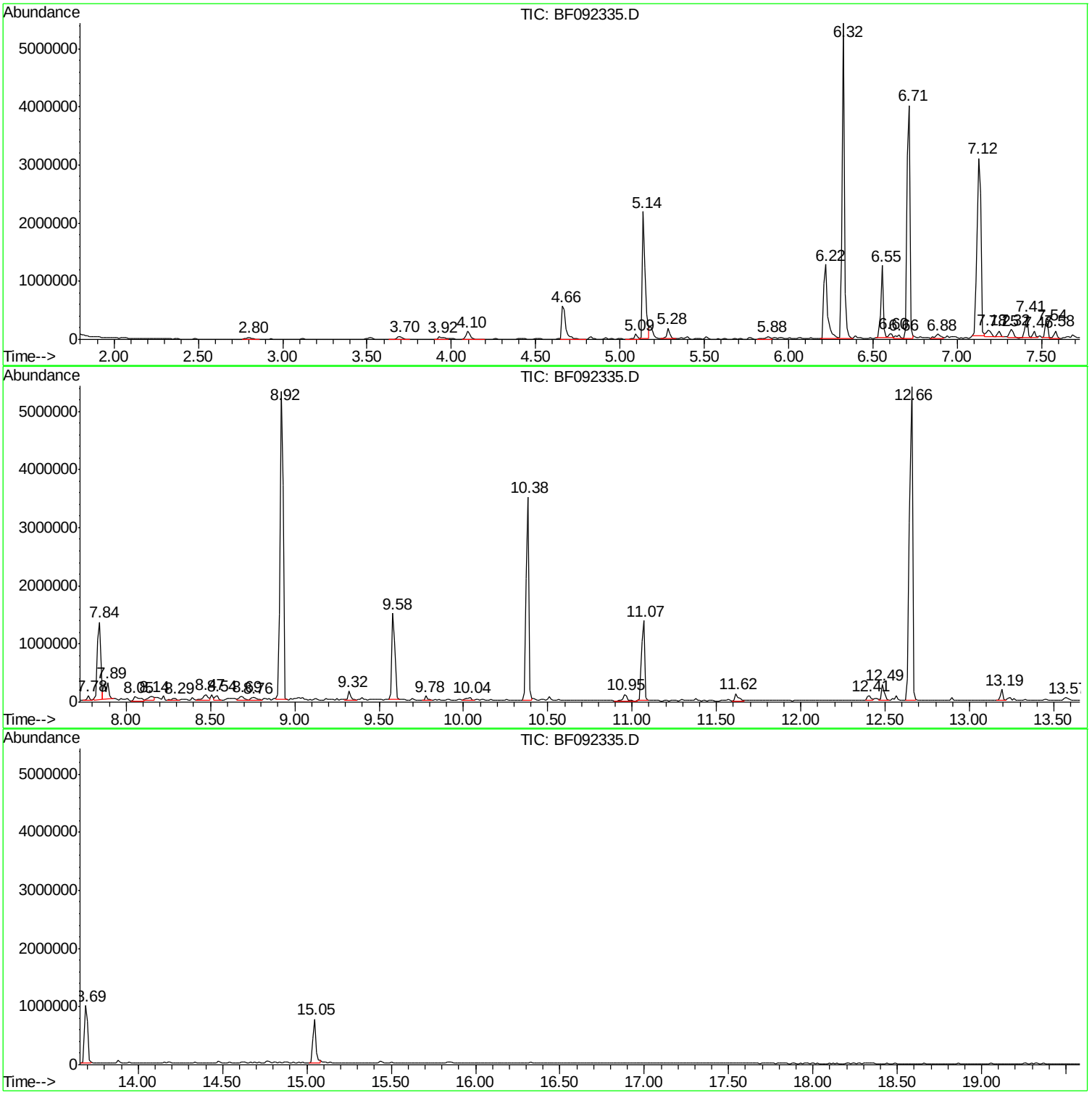
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

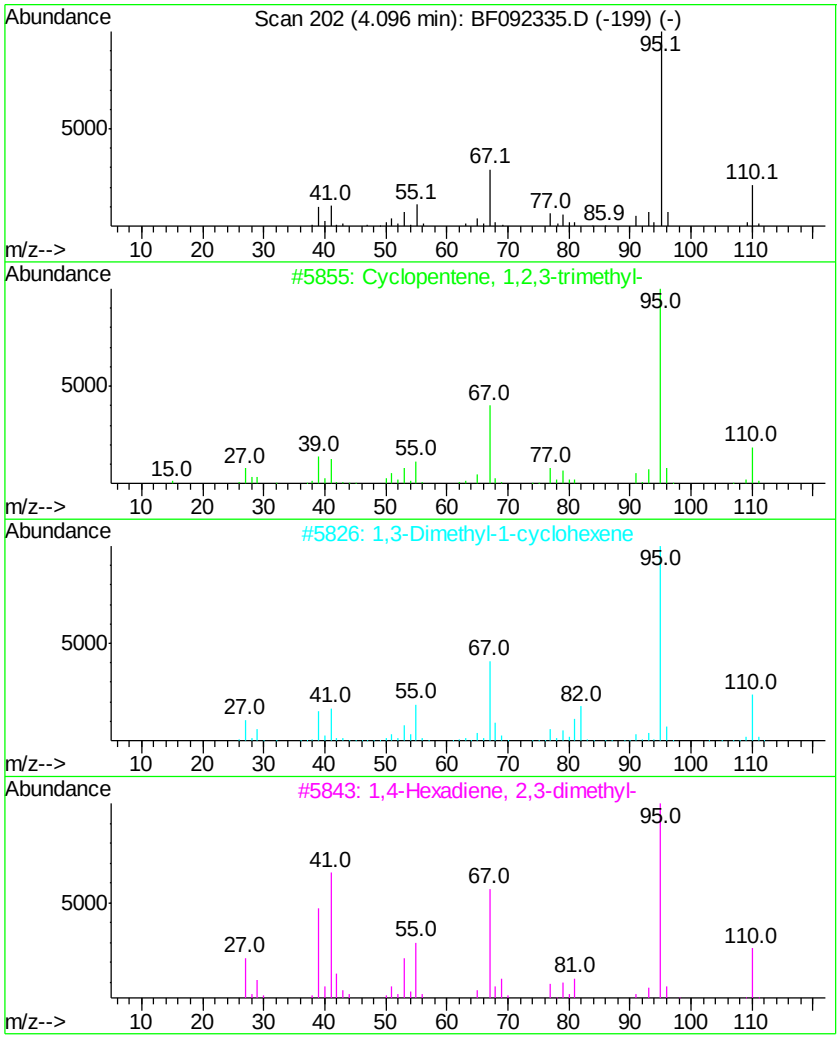
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

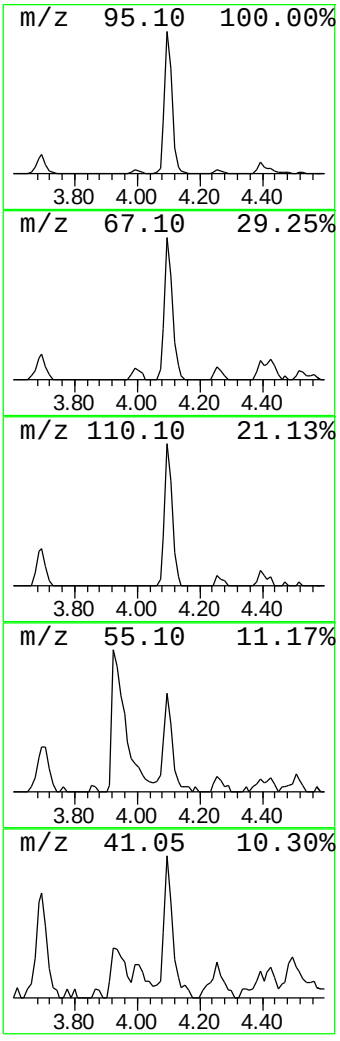
****

Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	3.76 ng	233187	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	83
3	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	83
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

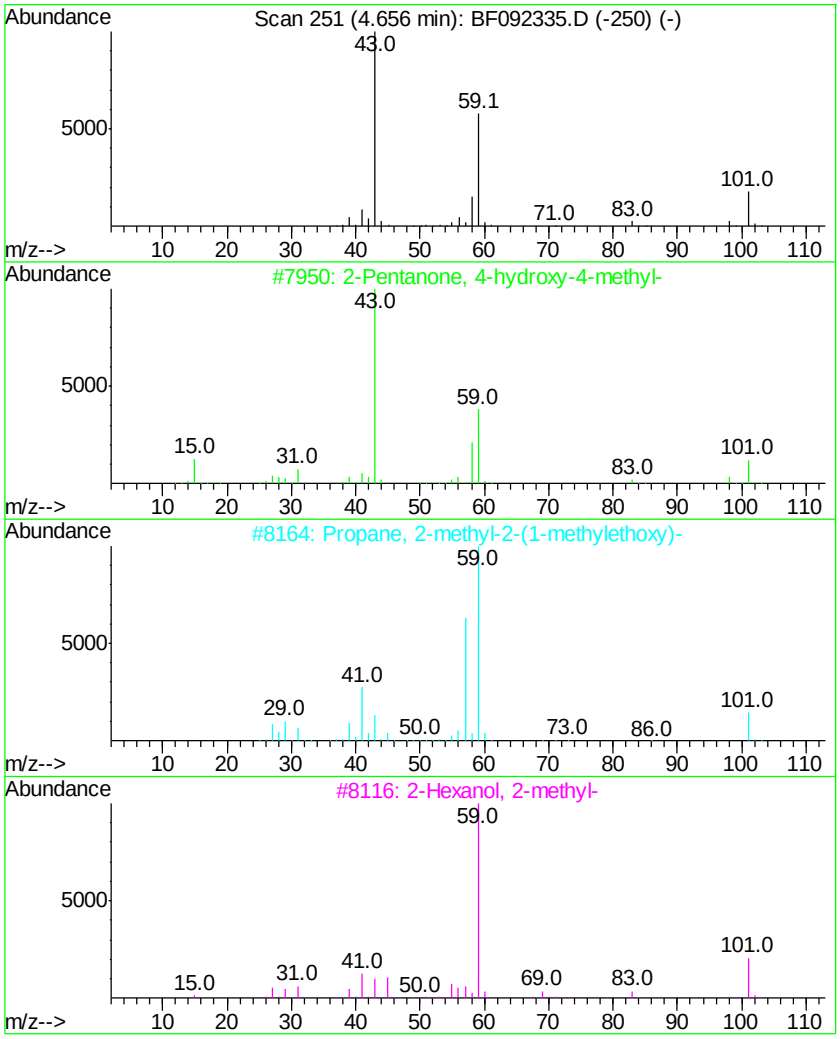
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

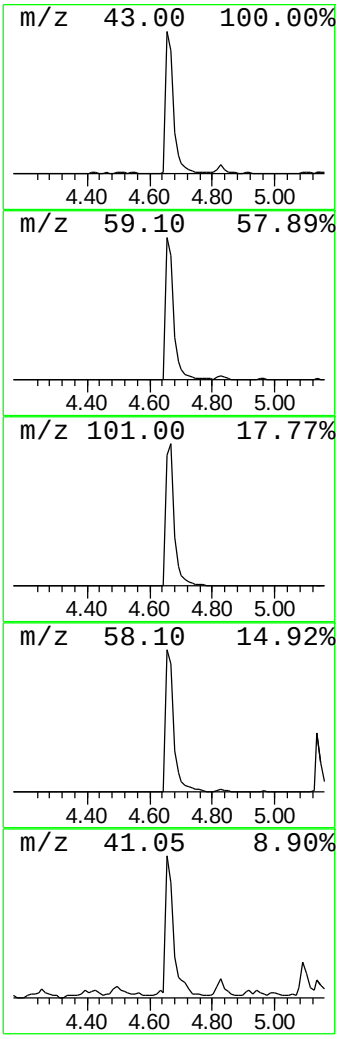
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	15.93 ng	987204	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

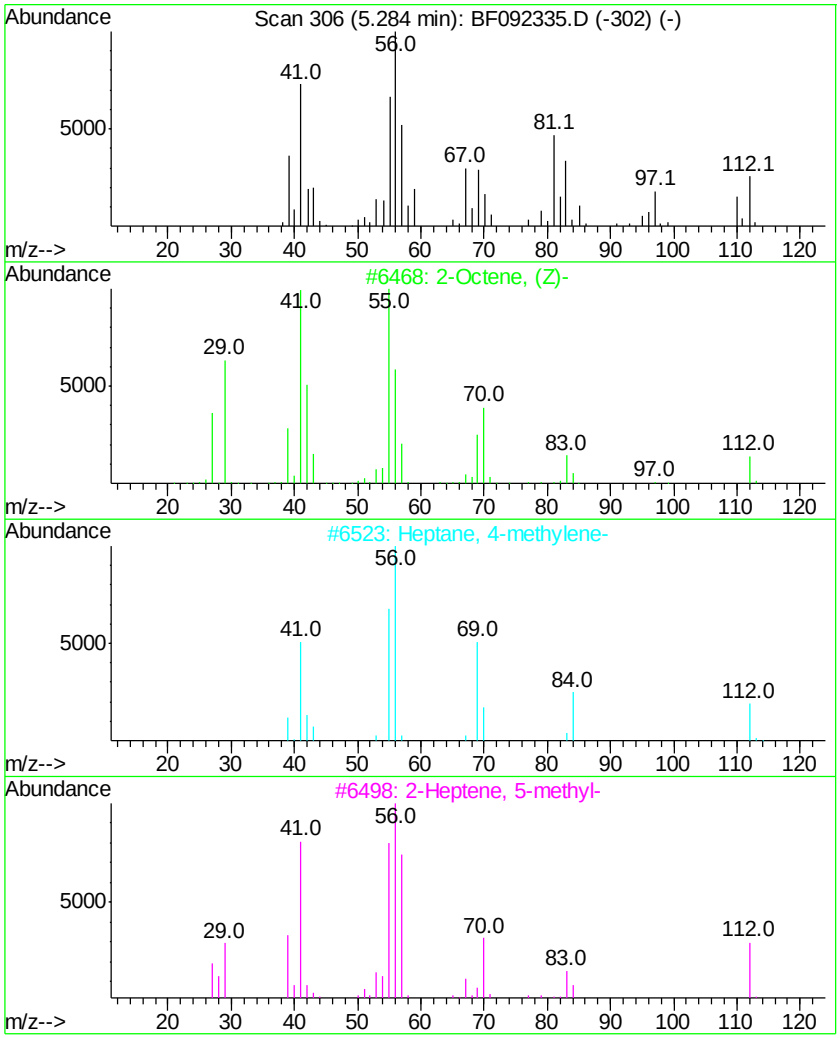
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

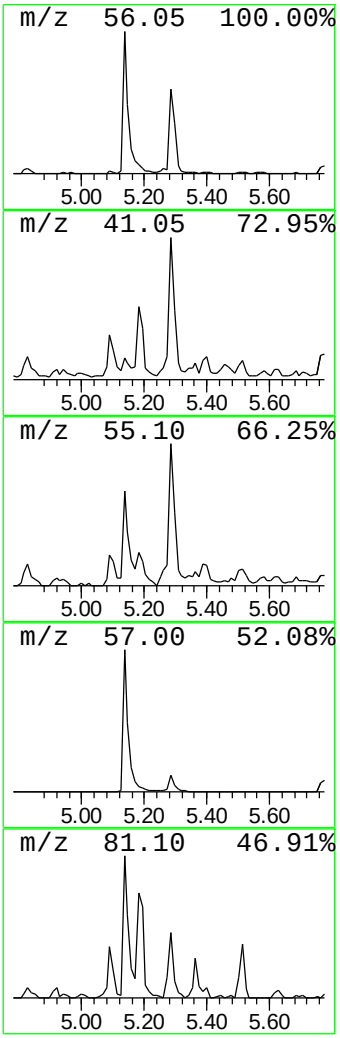
****

Peak Number 3 unknown5.28 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	3.85 ng	238444	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (Z)-	112	C8H16	007642-04-8	46
2	Heptane, 4-methylene-	112	C8H16	015918-08-8	43
3	2-Heptene, 5-methyl-	112	C8H16	022487-87-2	43
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38
5	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

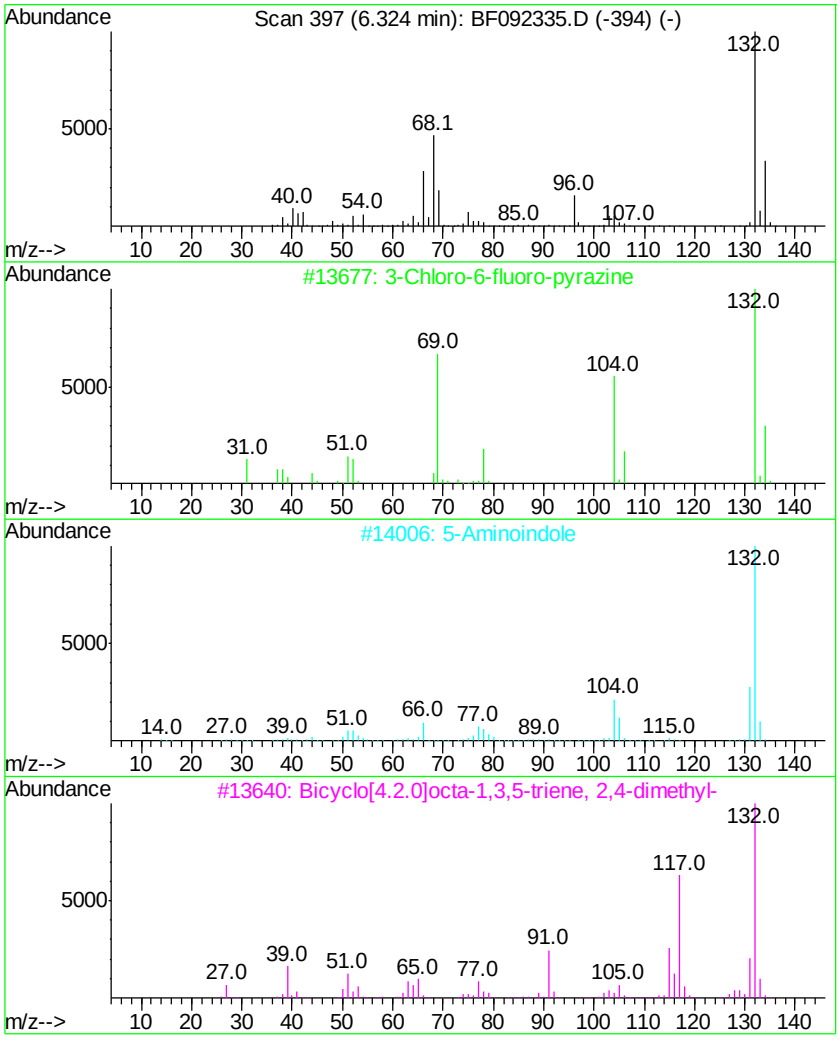
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

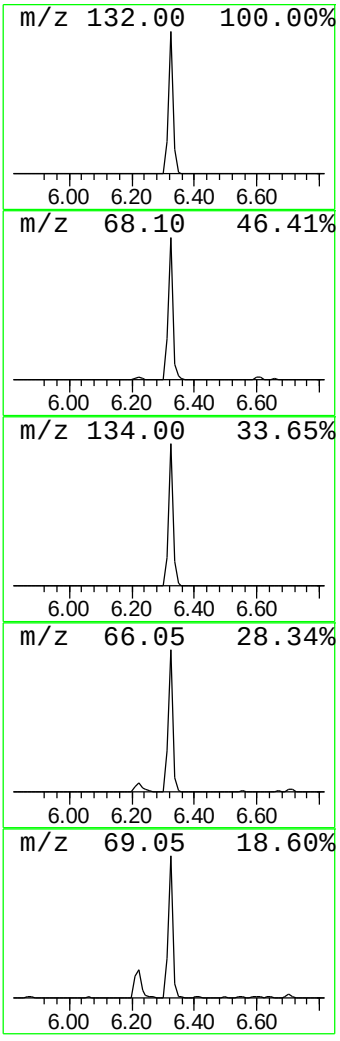
****

Peak Number 4 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	86.53 ng	5362320	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

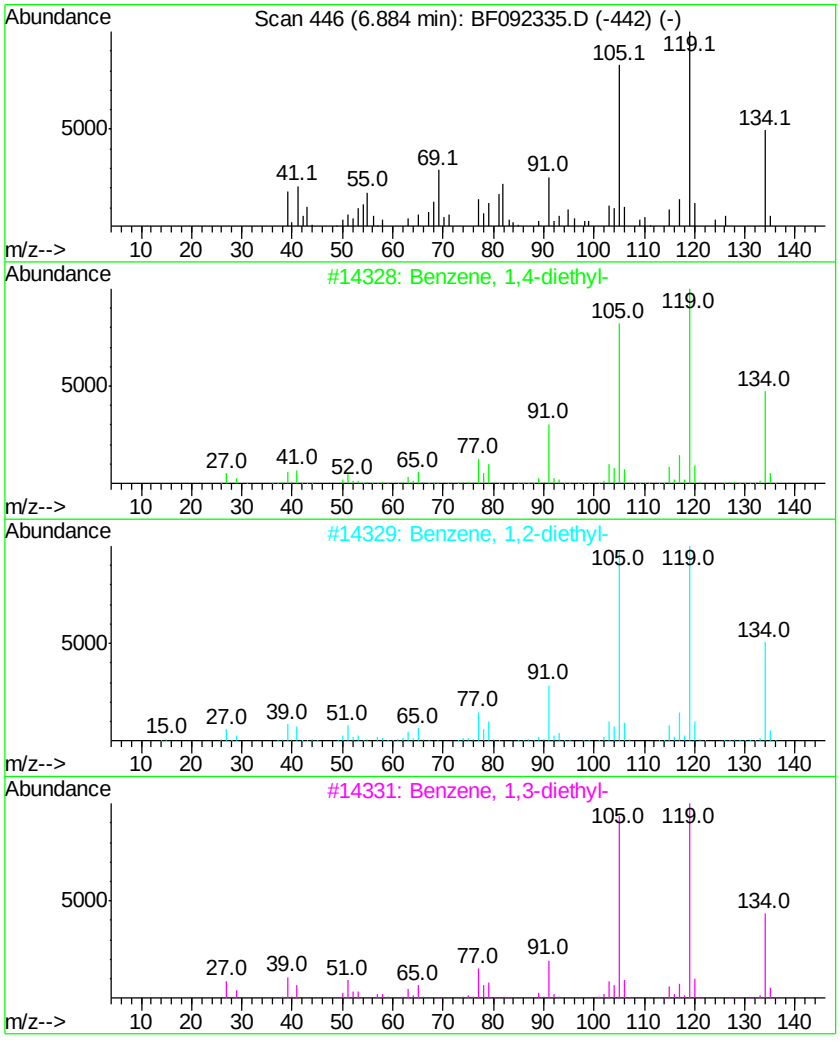
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

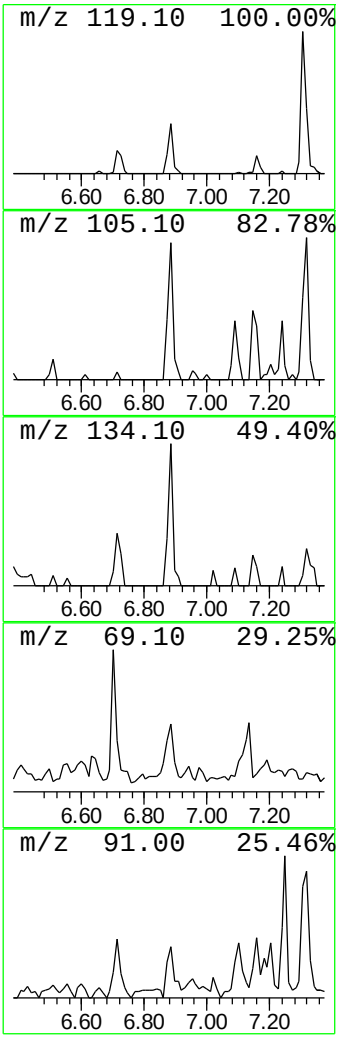
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	2.33 ng	144577	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

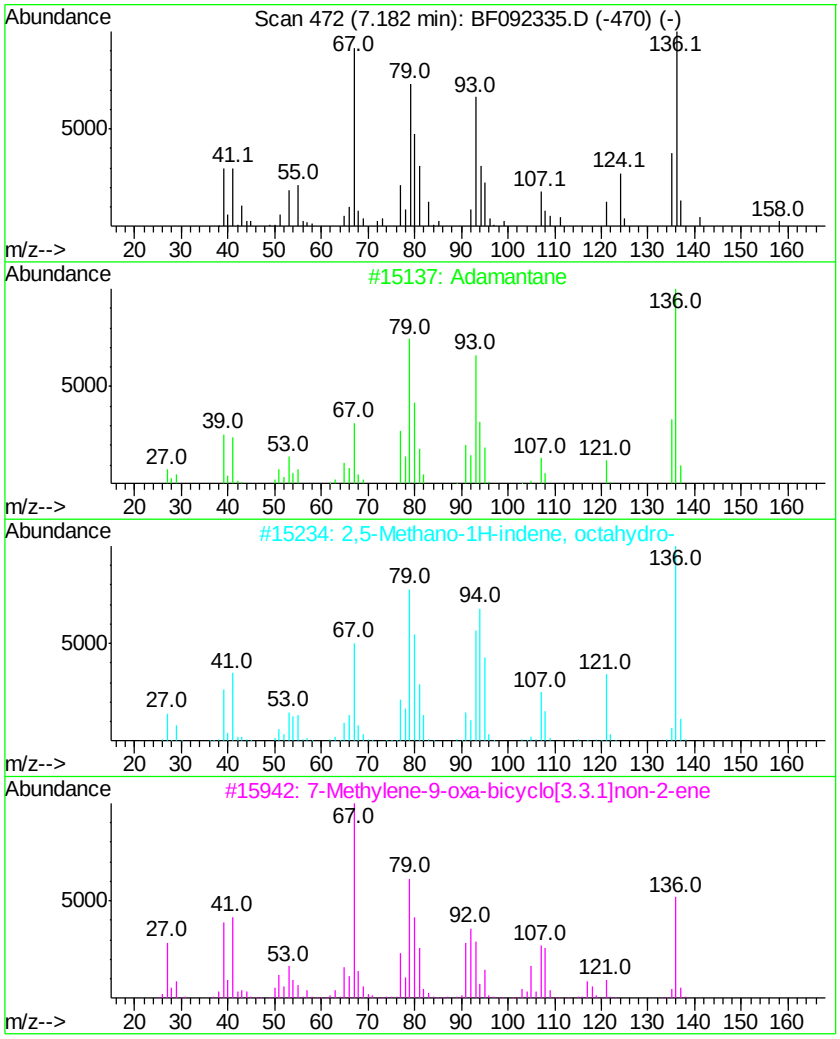
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

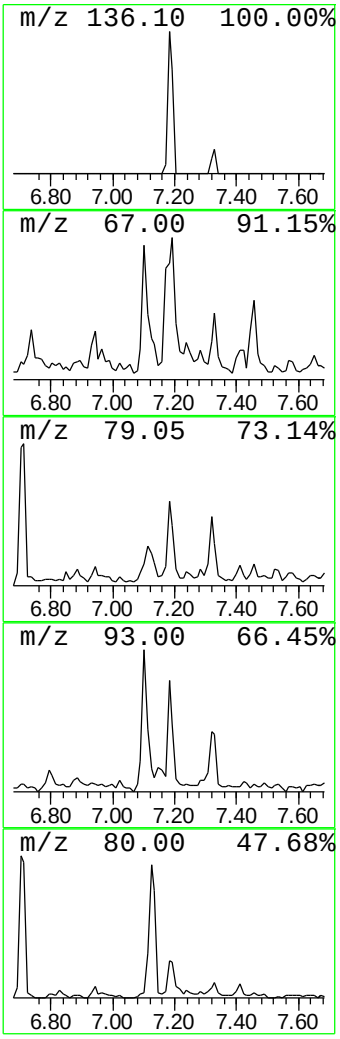
****

Peak Number 7 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	4.05 ng	251017	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	93
2	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	72
3	7-Methylene-9-oxa-bicyclo[3.3.1]...	136	C9H12O	1000193-85-5	68
4	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	58
5	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

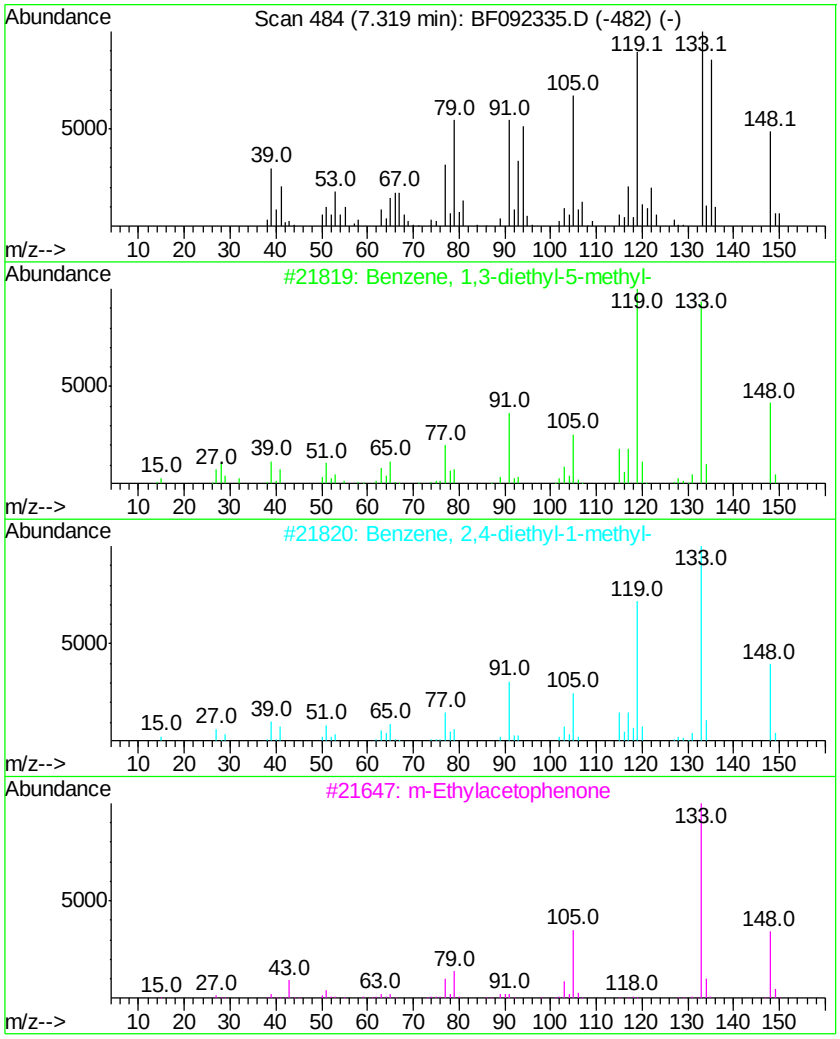
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

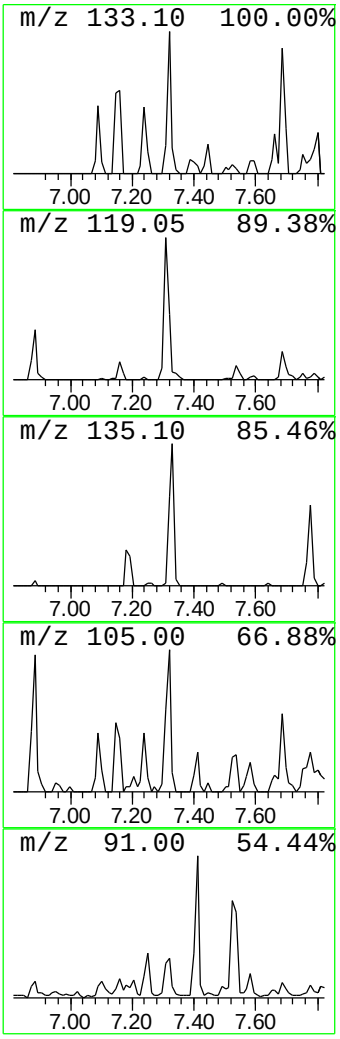
****

Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.96 ng	259909	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	45
3	m-Ethylacetophenone	148	C10H12O	022699-70-3	38
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	35
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

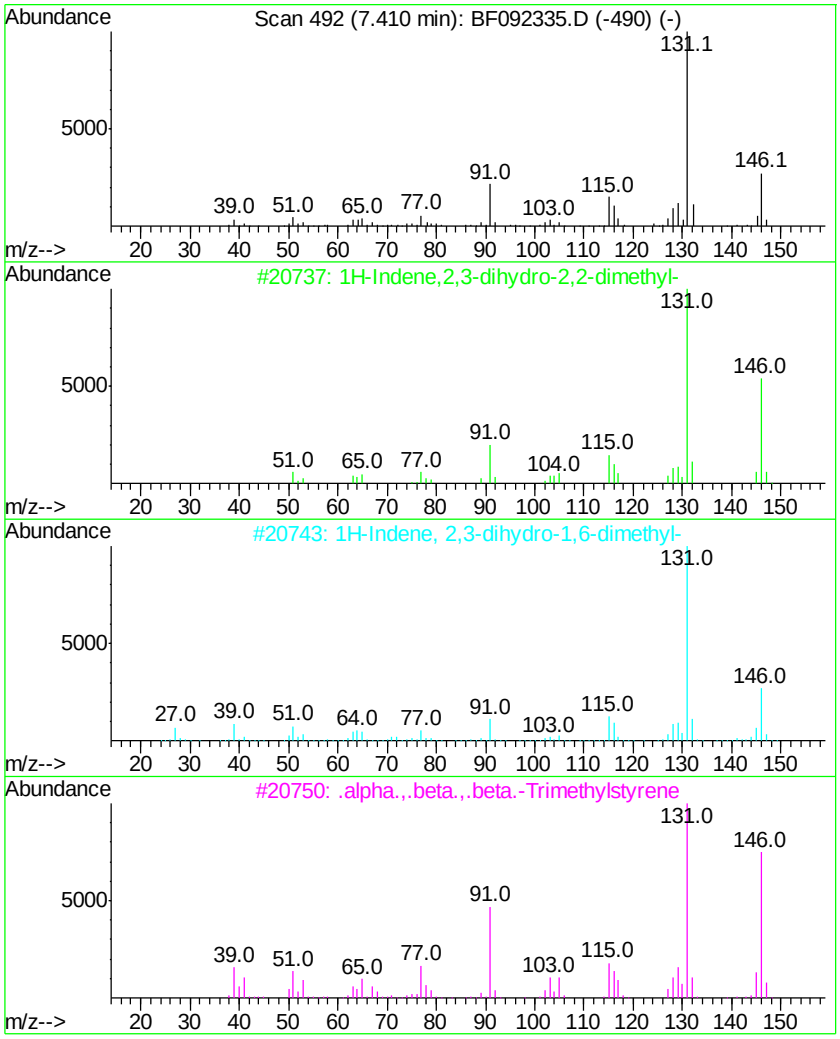
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

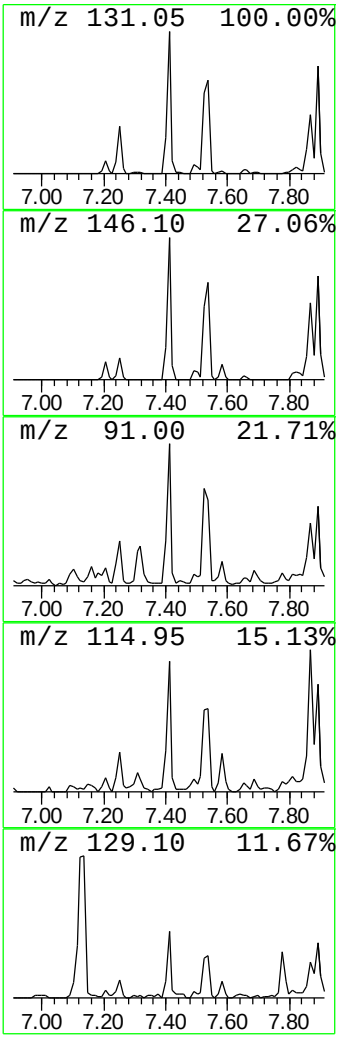
****

Peak Number 9 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	4.26 ng	374435	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

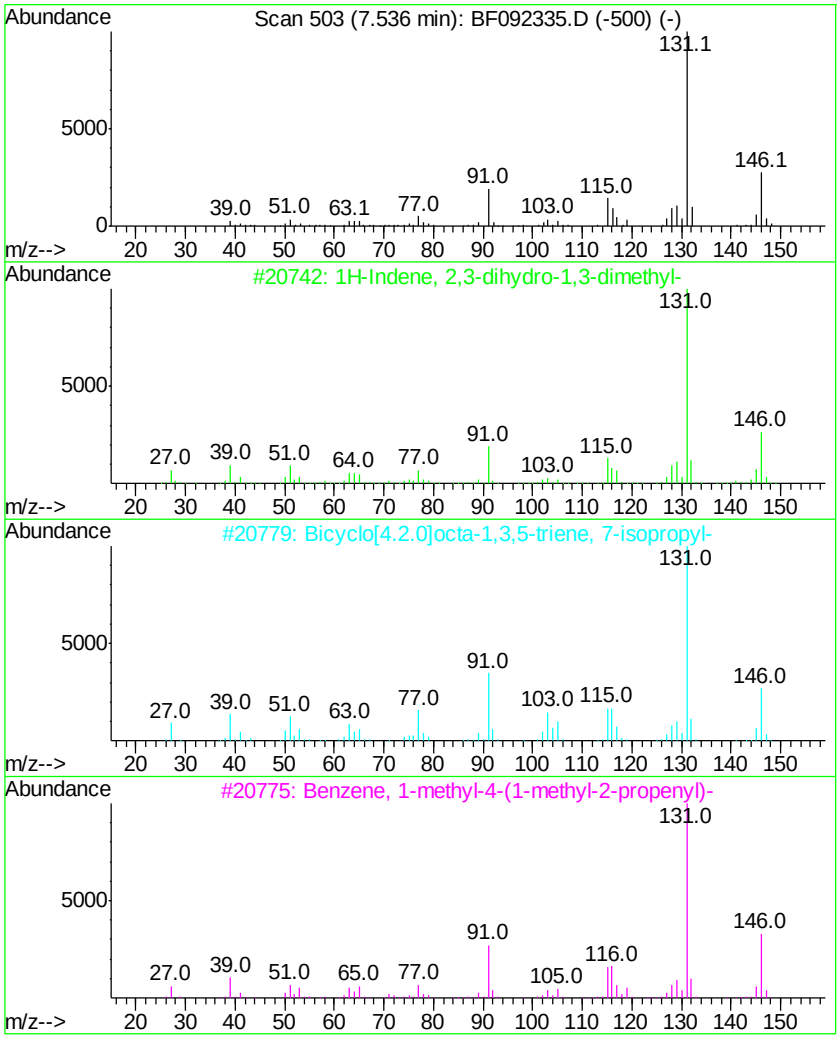
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

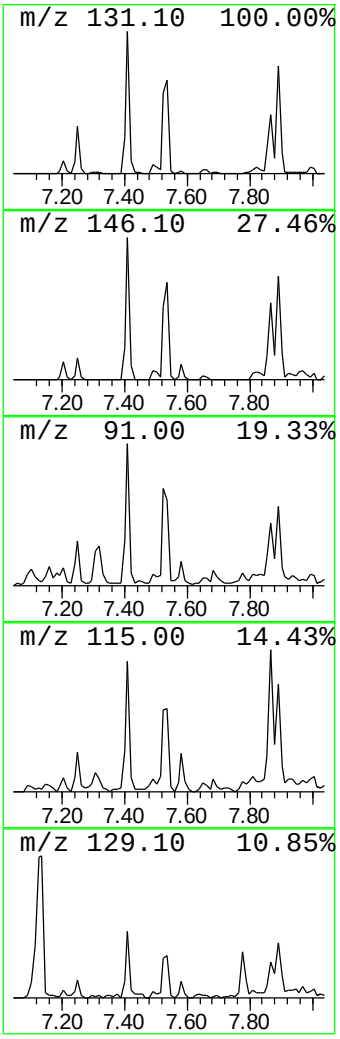
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.84 ng	336934	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	93
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

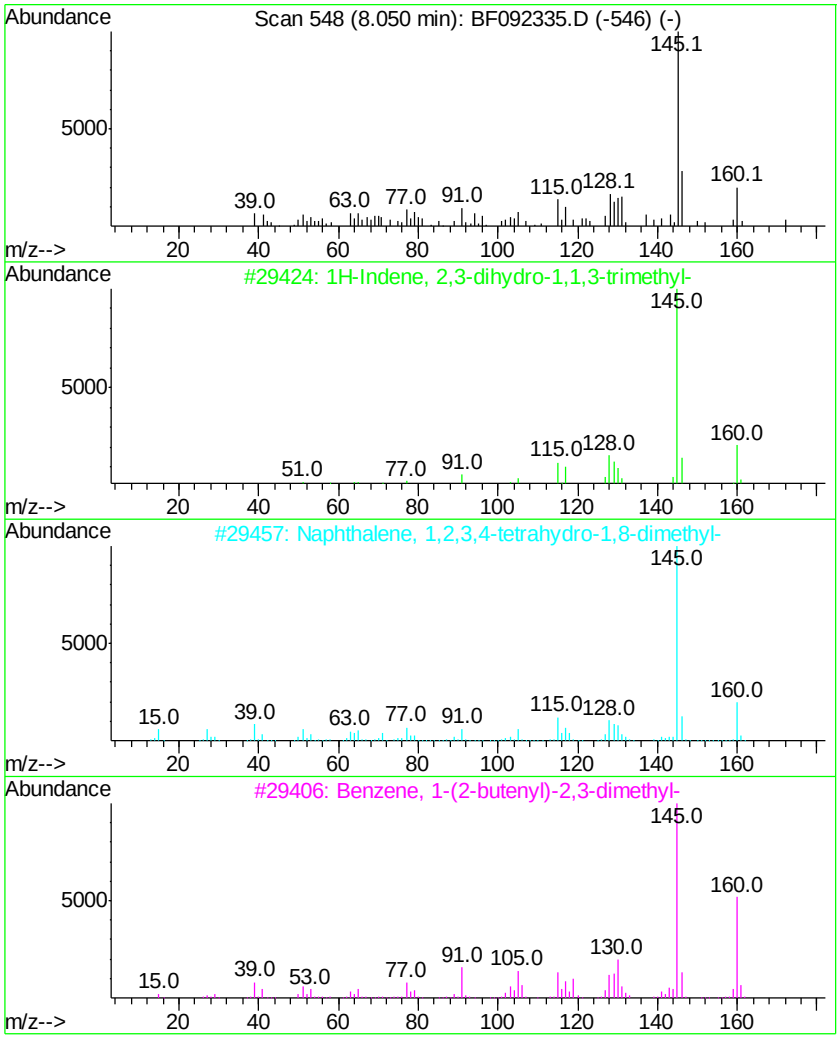
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

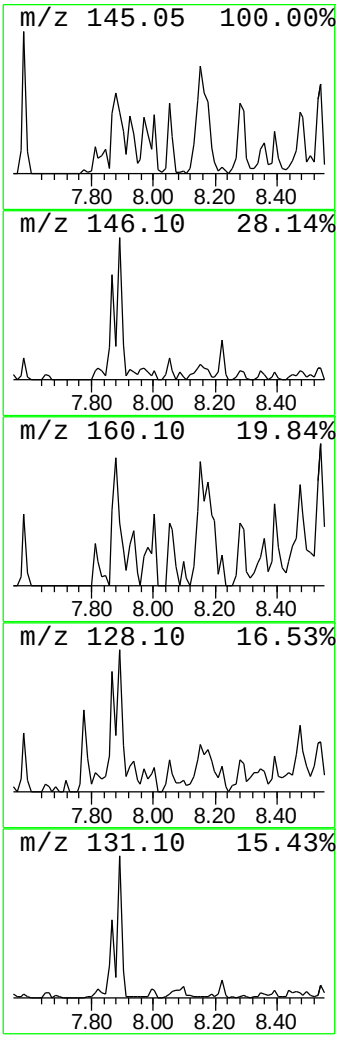
****

Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	2.20 ng	193413	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

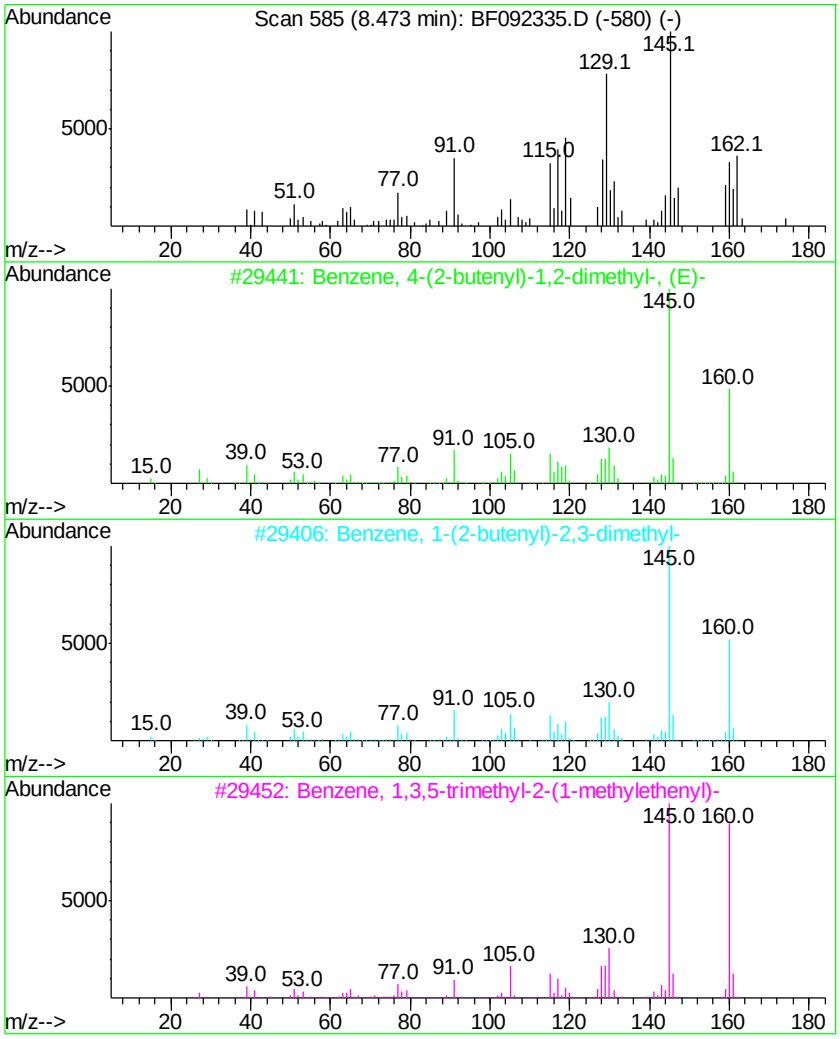
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

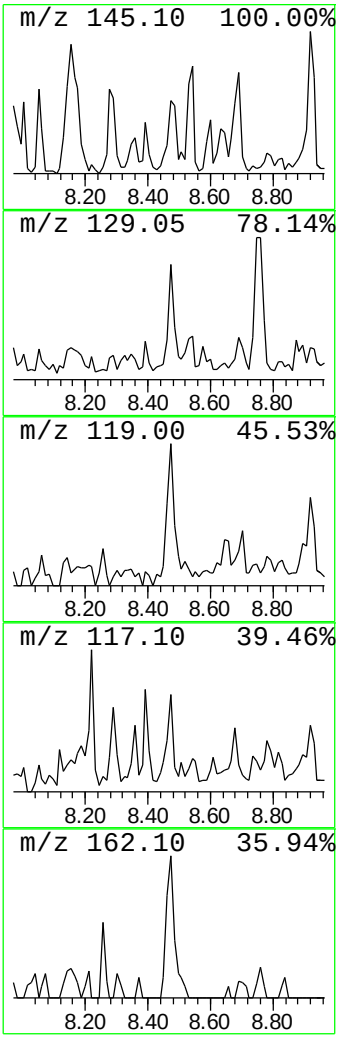
****

Peak Number 12 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	2.21 ng	193698	Naphthalene-d8	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	45
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
5	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

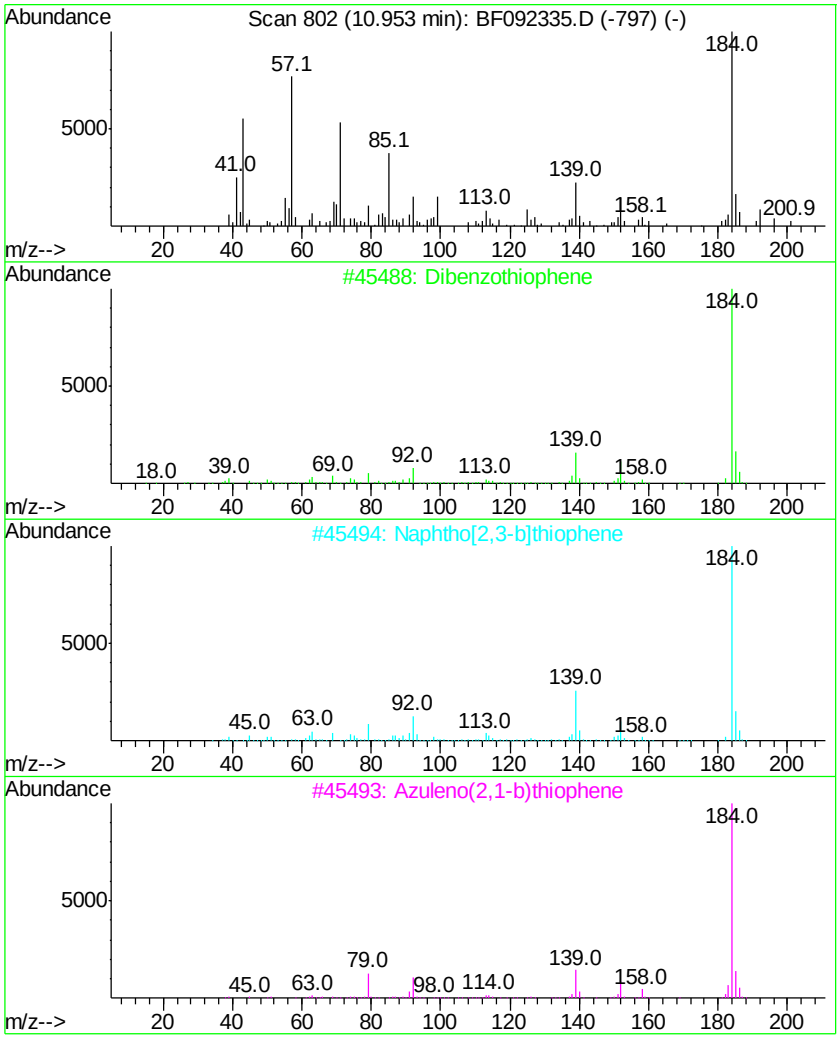
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

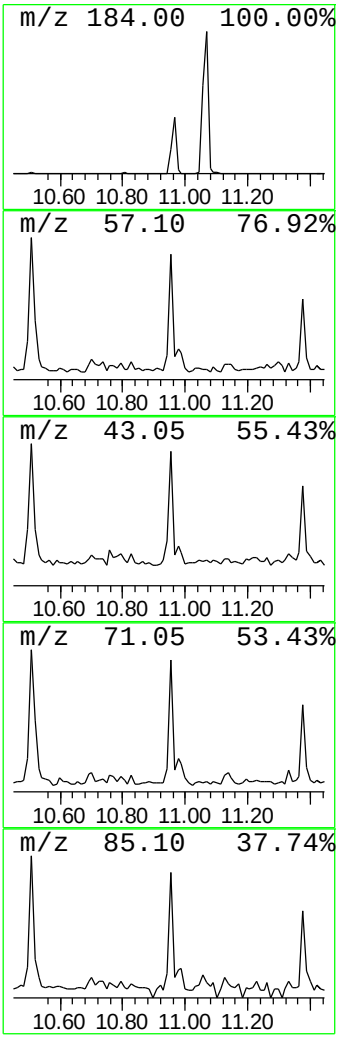
****

Peak Number 13 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.05 ng	173503	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	92
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	55
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	38
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

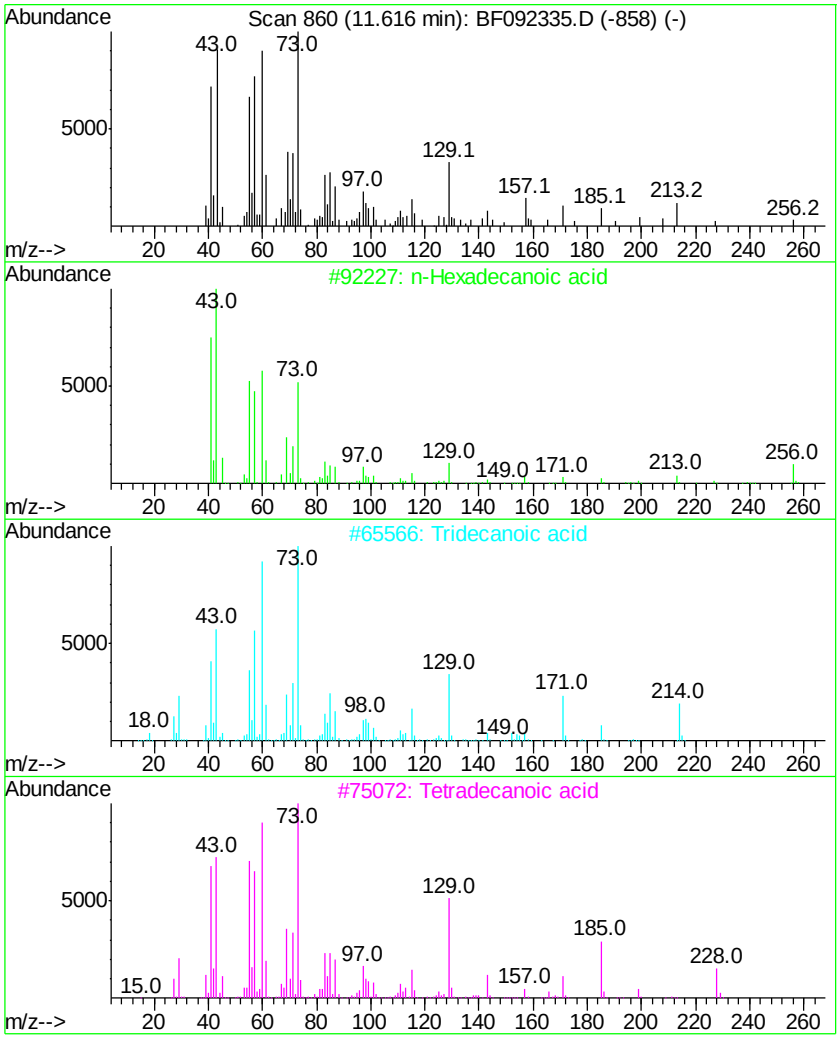
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

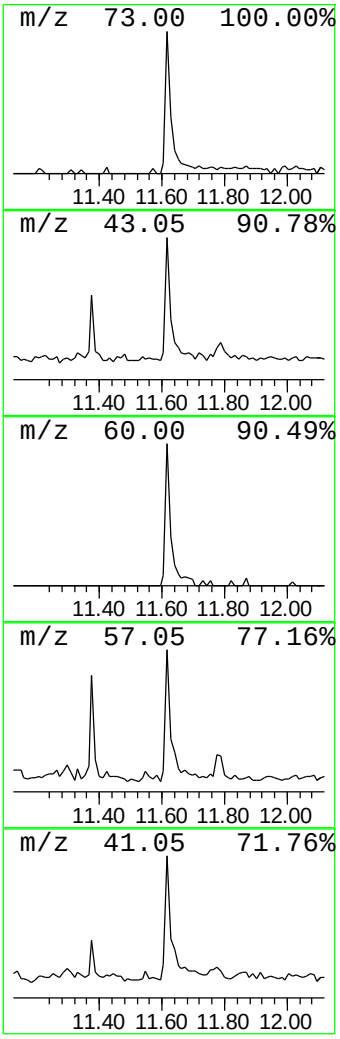
****

Peak Number 14 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.01 ng	170305	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

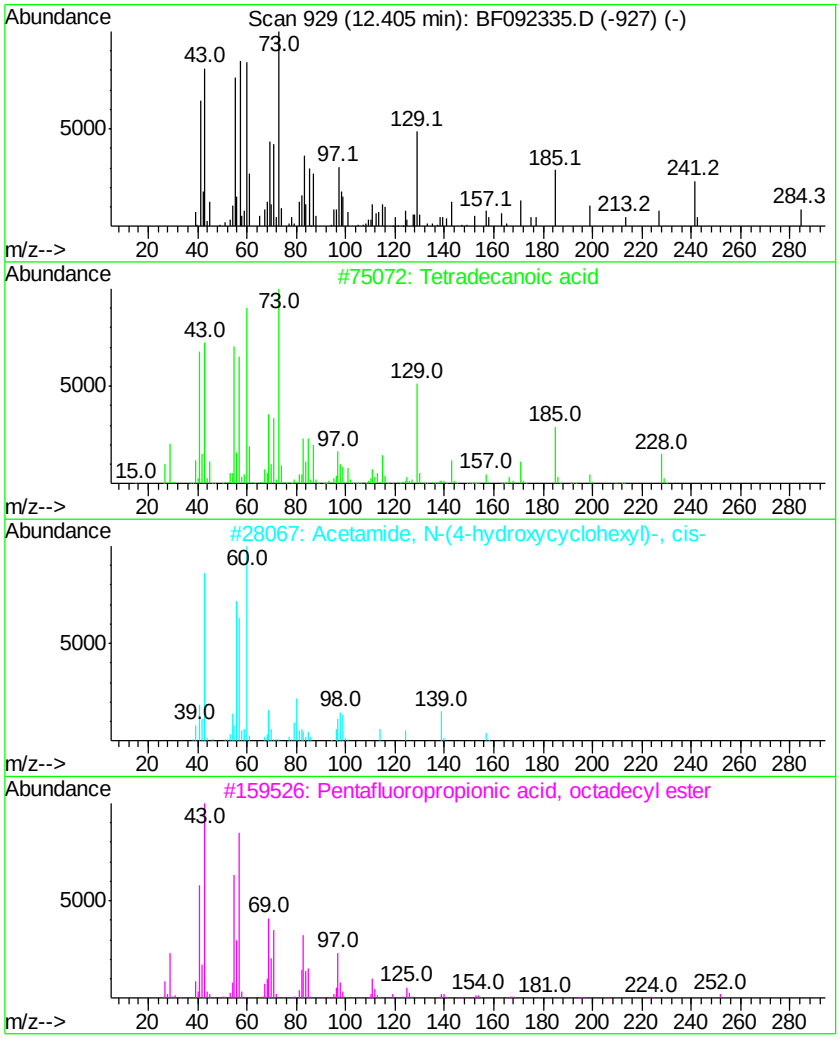
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

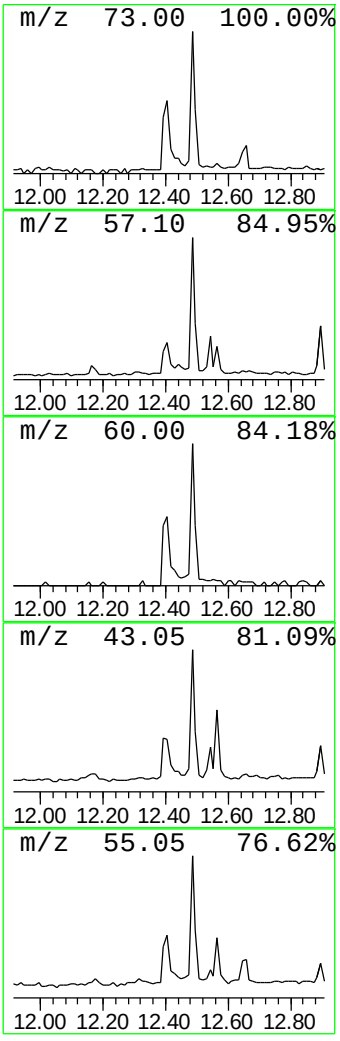
****

Peak Number 15 Tetradecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.07 ng	127750	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Acetamide, N-(4-hydroxycyclohexy...	157	C8H15NO2	027489-61-8	18
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	11
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	11
5	Pentadecane	212	C15H32	000629-62-9	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

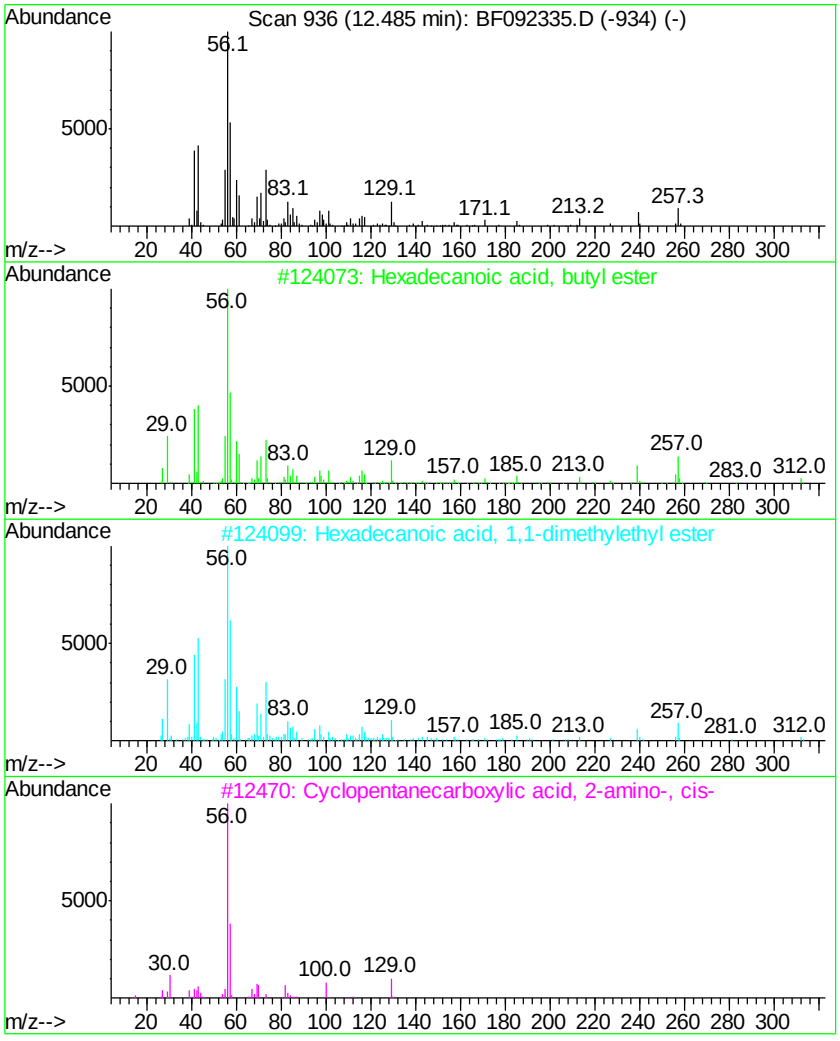
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

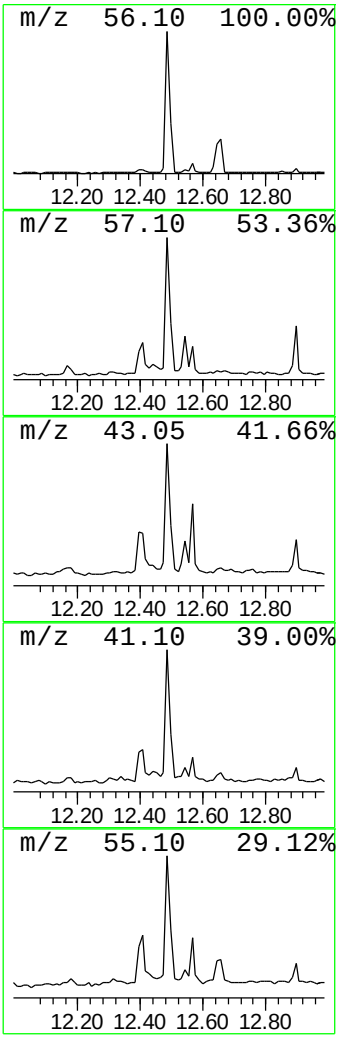
****

Peak Number 16 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.68 ng	288327	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5	Cyclohexanol,2-amino-,trans-	115	C6H13NO	006982-39-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

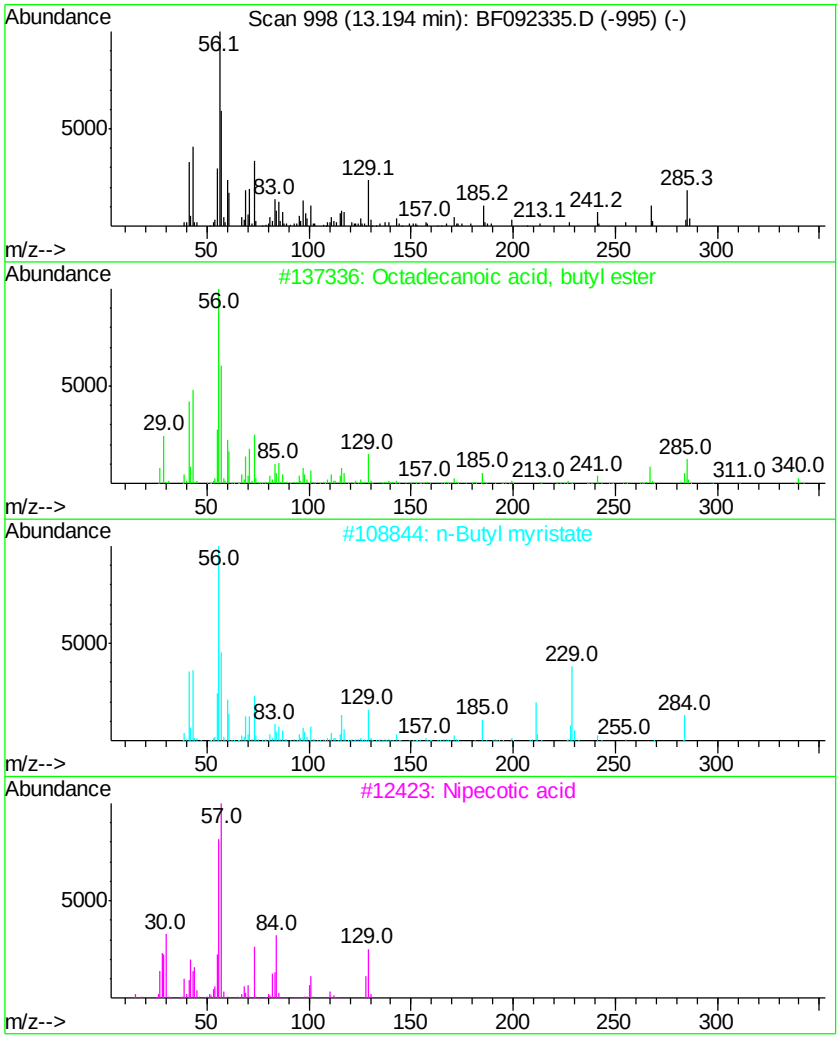
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

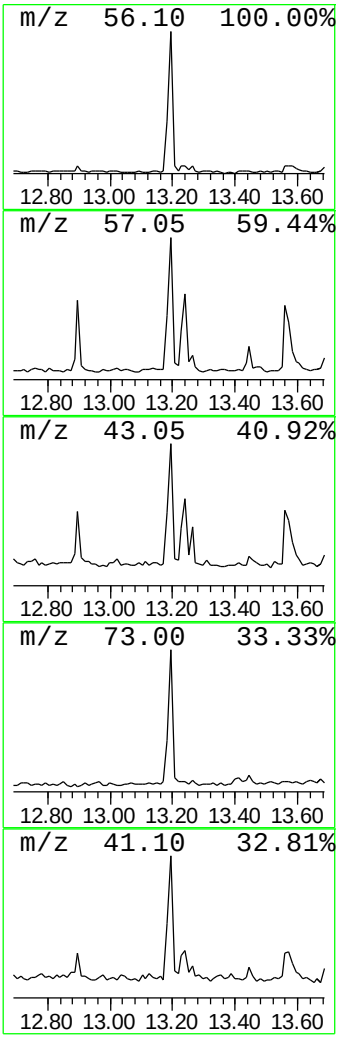
****

Peak Number 17 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.05 ng	187948	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	n-Butyl myristate	284	C18H36O2	000110-36-1	83
3	Nipecotic acid	129	C6H11NO2	000498-95-3	50
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092335.D
Acq On : 18 Jan 2017 00:18
Operator : UM/SJ
Sample : I1197-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-48

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Cyclopentene, 1,2...	4.10	3.8	ng	233187	1	6.55	1239480	20.0
2-Pentanone, 4-hy...	4.66	15.9	ng	987204	1	6.55	1239480	20.0
unknown5.28	5.28	3.9	ng	238444	1	6.55	1239480	20.0
unknown6.32	6.32	86.5	ng	5362320	1	6.55	1239480	20.0
Benzene, 1,4-diet...	6.88	2.3	ng	144577	1	6.55	1239480	20.0
Adamantane	7.18	4.0	ng	251017	1	6.55	1239480	20.0
Benzene, 1,3-diet...	7.32	3.0	ng	259909	2	7.84	1756490	20.0
1H-Indene,2,3-dih...	7.41	4.3	ng	374435	2	7.84	1756490	20.0
1H-Indene, 2,3-di...	7.54	3.8	ng	336934	2	7.84	1756490	20.0
1H-Indene, 2,3-di...	8.05	2.2	ng	193413	2	7.84	1756490	20.0
Benzene, 4-(2-but...	8.47	2.2	ng	193698	2	7.84	1756490	20.0
Dibenzothiophene	10.95	2.0	ng	173503	4	11.07	1692280	20.0
n-Hexadecanoic acid	11.62	2.0	ng	170305	4	11.07	1692280	20.0
Tetradecanoic acid	12.41	2.1	ng	127750	5	13.69	1231400	20.0
Hexadecanoic acid...	12.49	4.7	ng	288327	5	13.69	1231400	20.0
Octadecanoic acid...	13.19	3.0	ng	187948	5	13.69	1231400	20.0