LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.439	566	570	574	rBV	821995	683246	17.13%	1.725%
2	6.451	738	742	747	rBV	865683	693677	17.39%	1.751%
3	6.833	803	807	810	rBV	1309737	1042446	26.13%	2.632%
4	7.386	892	901	904	rBV	557041	458209	11.48%	1.157%
5	8.016	1005	1008	1013	rBV2	192434	176937	4.43%	0.447%
6	8.116	1020	1025	1028	rBV	1847720	1524291	38.21%	3.849%
7	8.410	1071	1075	1078	rVB3	104191	108969	2.73%	0.275%
8	8.498	1087	1090	1094	rBV4	76535	109868	2.75%	0.277%
9	8.539	1094	1097	1099	rVV	110270	123069	3.08%	0.311%
10	8.580	1102	1104	1107	rVB2	142448	121910	3.06%	0.308%
11	8.663	1113	1118	1119	rBV4	86617	129508	3.25%	0.327%
12	8.739	1127	1131	1133	rBV5	91477	147574	3.70%	0.373%
13	8.804	1139	1142	1144	rBV3	134921	130594	3.27%	0.330%
14	8.863	1149	1152	1154	rBV3	136063	112938	2.83%	0.285%
15	8.892	1154	1157	1160	rBV3	143078	173701	4.35%	0.439%
16	8.939	1160	1165	1167	rBV2	290630	355153	8.90%	0.897%
17	8.992	1172	1174	1178	rBV5	150450	206598	5.18%	0.522%
18	9.057	1183	1185	1186	rBV2	103743	91940	2.30%	0.232%
19	9.080	1186	1189	1191	rVB3	165608	132592	3.32%	0.335%
20	9.110	1192	1194	1196	rBV2	318298	219664	5.51%	0.555%
21	9.139	1196	1199	1203	rBV2	519546	438971	11.00%	1.108%
22	9.186	1203	1207	1210	rBV	1449233	1185991	29.73%	2.994%
23	9.227	1212	1214	1217	rBV3	163867	157373	3.94%	0.397%
24	9.269	1217	1221	1226	rBV4	632355	1093688	27.41%	2.761%
25	9.316	1227	1229	1231	rBV2	178676	179756	4.51%	0.454%
26	9.445	1249	1251	1252	rBV2	240581	168394	4.22%	0.425%
27	9.504	1258	1261	1263	rBV3	433848	515253	12.91%	1.301%
28	9.527	1263	1265	1267	rBV	528918	368321	9.23%	0.930%
29	9.551	1267	1269	1272	rVB2	685346	650084	16.29%	1.641%
30	9.580	1272	1274	1276	rBV	1756415	1686638	42.28%	4.258%
31	9.739	1298	1301	1304	rBV4	946469	1247372	31.27%	3.149%
32	9.786	1306	1309	1312	rVB2	2089472	1834596	45.98%	4.632%
33	9.821	1312	1315	1317	rBV3	580529	639677	16.03%	1.615%
34	9.869	1317	1323	1326	rBV4	2219184	3376208	84.62%	8.524%
35	9.916	1328	1331	1333	rBV2	467336	563894	14.13%	1.424%
36	10.016	1346	1348	1349	rBV	569370	427772	10.72%	1.080%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.133	1366	1368	1371	rBV2	1026640	992918	24.89%	2.507%
38	10.192	1375	1378	1380	rBV2	917019	1079028	27.05%	2.724%
39	10.216	1380	1382	1384	rVB2	832059	608479	15.25%	1.536%
40	10.251	1385	1388	1390	rBV2	839506	948434	23.77%	2.395%
41	10.286	1391	1394	1398	rVB2	1787623	1949796	48.87%	4.923%
42	10.533	1434	1436	1440	rVB	1719877	1744423	43.72%	4.404%
43	10.810	1478	1483	1488	rBV2	2744935	3989671	100.00%	10.073%
44	13.986	2019	2023	2026	rBV2	1208458	1600248	40.11%	4.040%
45	14.015	2026	2028	2033	rVB	858837	769729	19.29%	1.943%
46	15.015	2194	2198	2208	rVB	630700	1172425	29.39%	2.960%
47	15.092	2208	2211	2214	rBV	111345	114254	2.86%	0.288%
48	15.121	2214	2216	2221	rVB3	112043	119786	3.00%	0.302%
49	15.315	2245	2249	2254	rVB	318552	406583	10.19%	1.027%
50	15.368	2255	2258	2262	rVV	322363	403718	10.12%	1.019%
51	15.439	2265	2270	2273	rVV	1013797	1266343	31.74%	3.197%
52	15.468	2273	2275	2281	rVB2	179848	209062	5.24%	0.528%
53	15.898	2345	2348	2354	rVB2	83400	116020	2.91%	0.293%
54	16.868	2508	2513	2521	rVB2	184639	346958	8.70%	0.876%
55	17.303	2582	2587	2600	rVB	141296	315045	7.90%	0.795%
56	17.662	2642	2648	2656	rVB	54431	176727	4.43%	0.446%

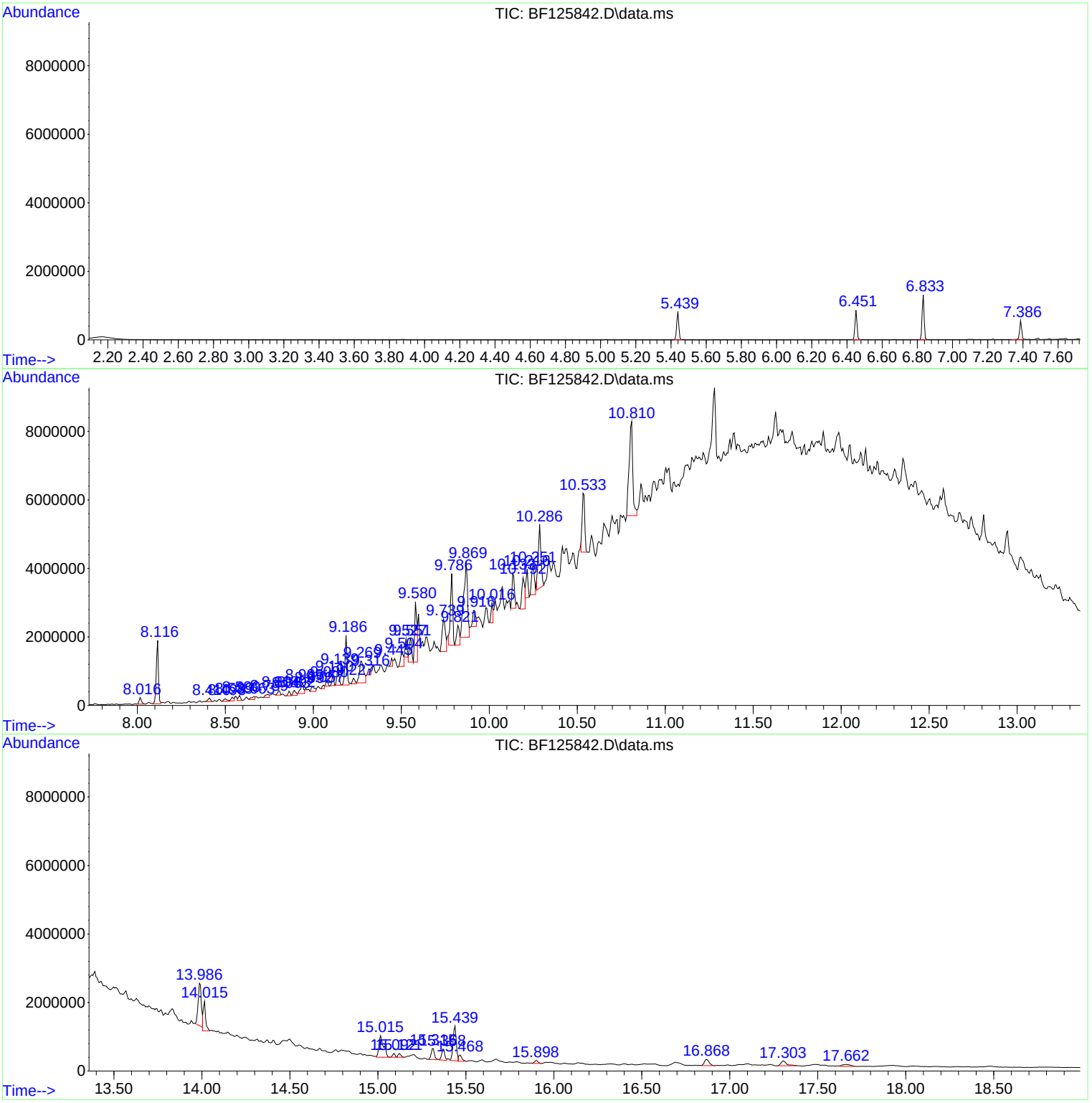
Sum of corrected areas: 39606519

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

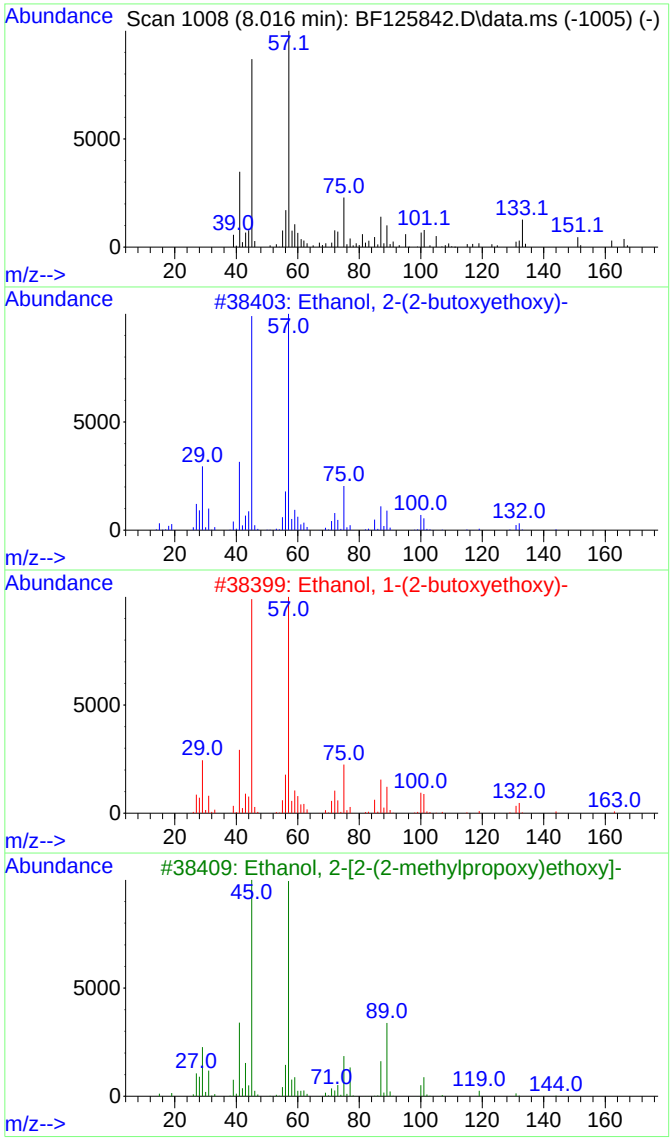
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

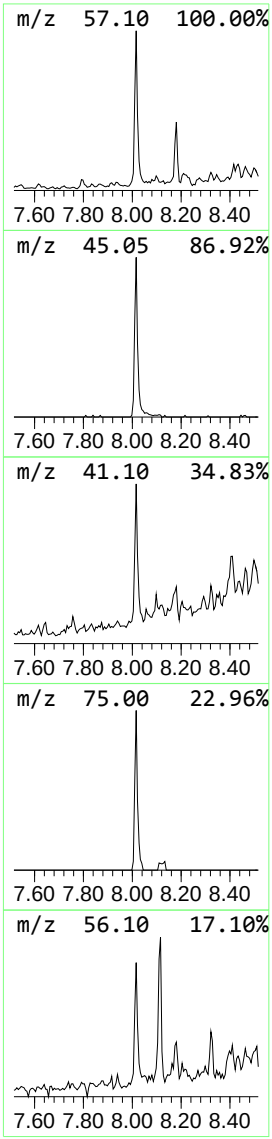
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	2.32 ng	176937	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

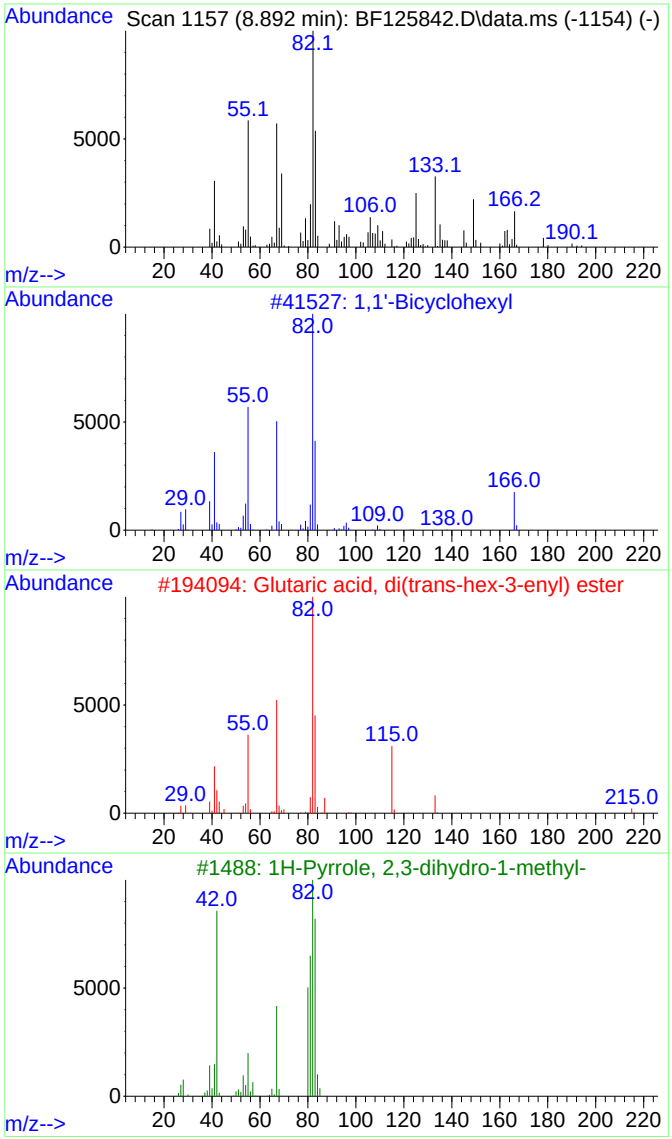
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

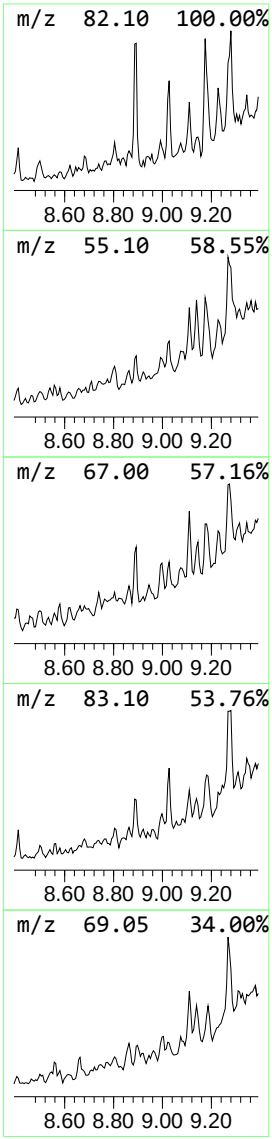
****

Peak Number 2 1,1'-Bicyclohexyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	2.28 ng	173701	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	52
2	Glutaric acid, di(trans-hex-3-en...	296	C17H28O4	1000359-93-8	47
3	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	47
4	Succinic acid, di(cis-hex-3-enyl...	282	C16H26O4	1000353-42-2	47
5	2,4-Hexadiene	82	C6H10	000592-46-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

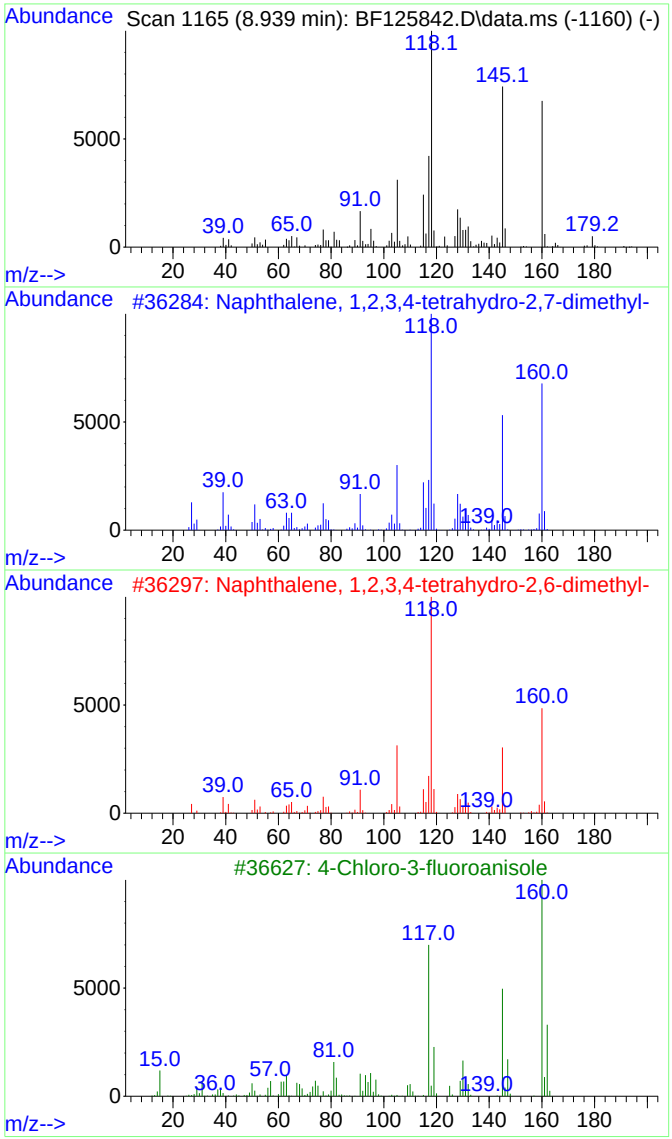
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

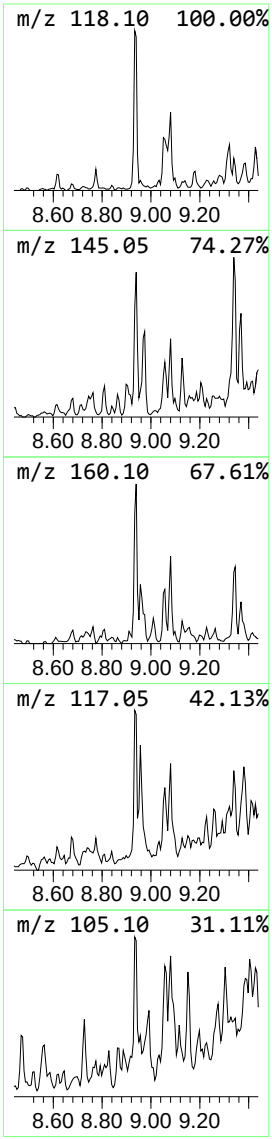
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	4.66 ng	355153	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
3	4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
5	4-Aminoquinazoline	145	C8H7N3	015018-66-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

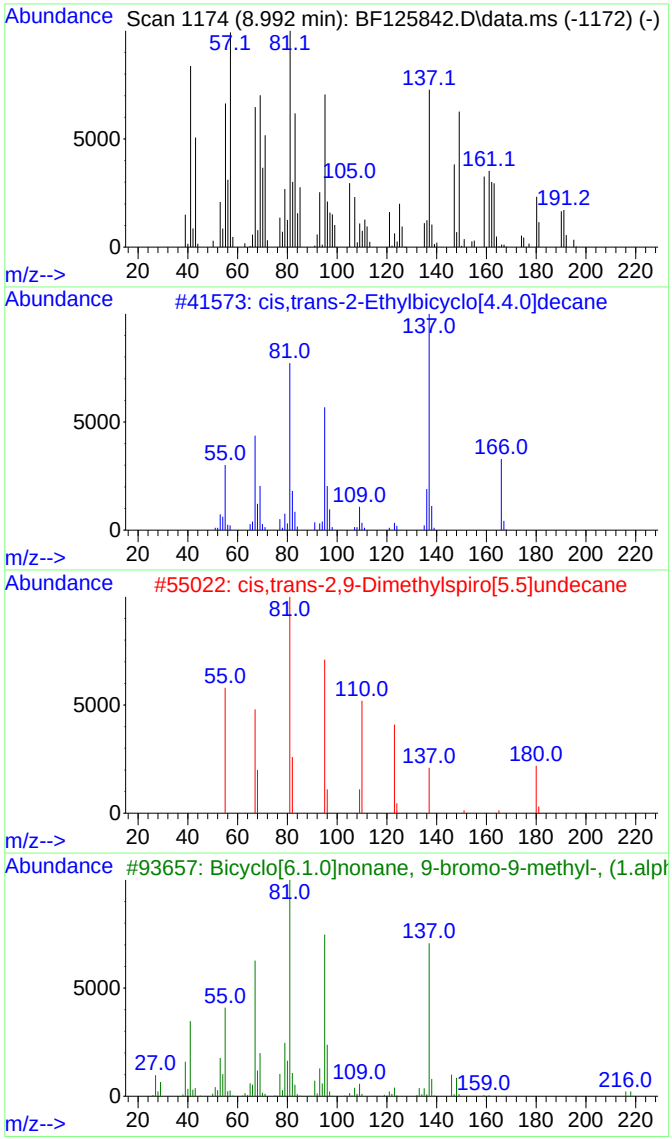
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

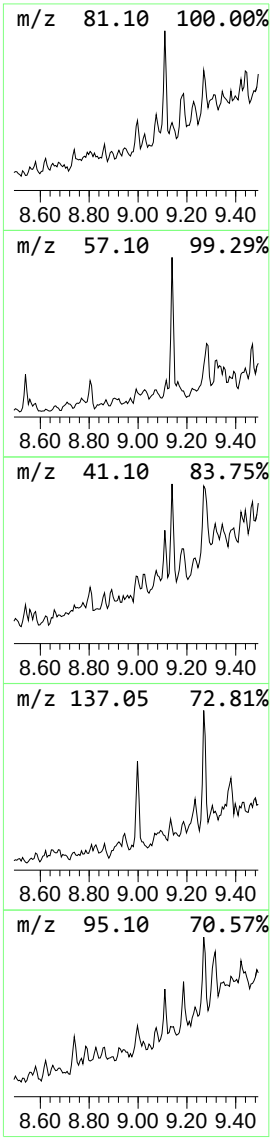
****

Peak Number 4 unknown8.992 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	2.71 ng	206598	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	46
2	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	41
3	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	38
4	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	30
5	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

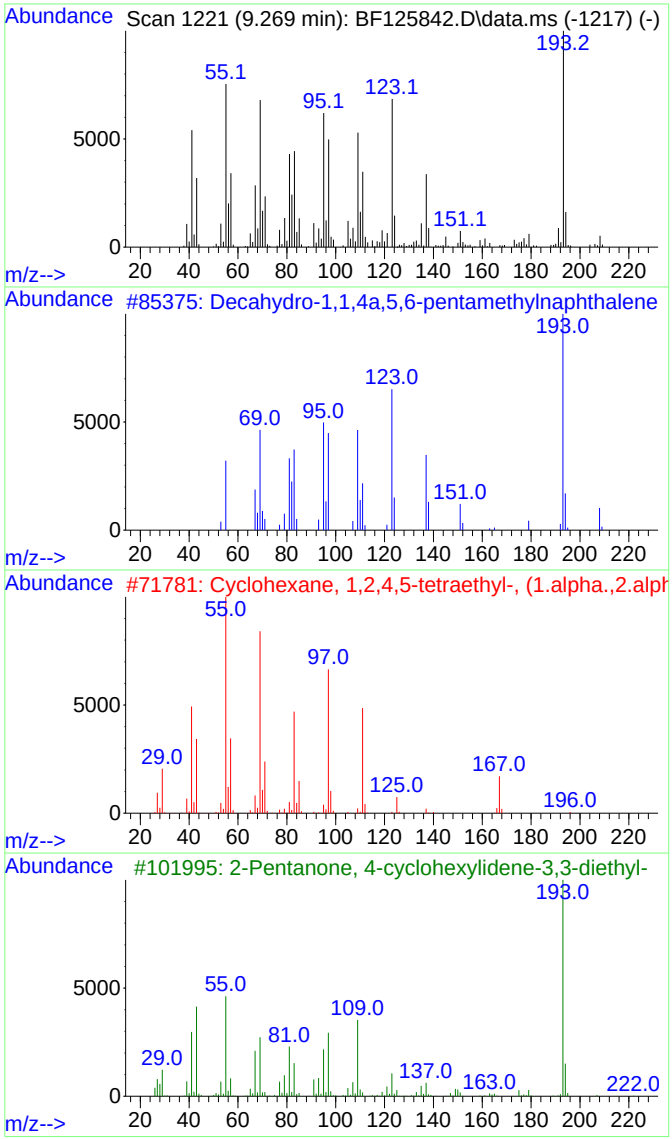
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

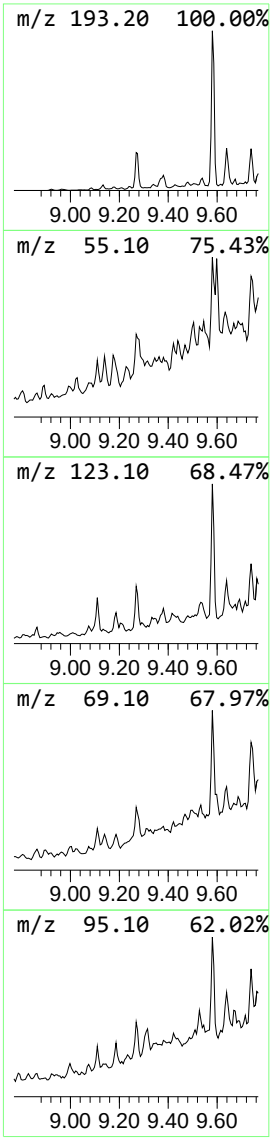
****

Peak Number 5 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	6.48 ng	1093690	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	91
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	48
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	43
5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

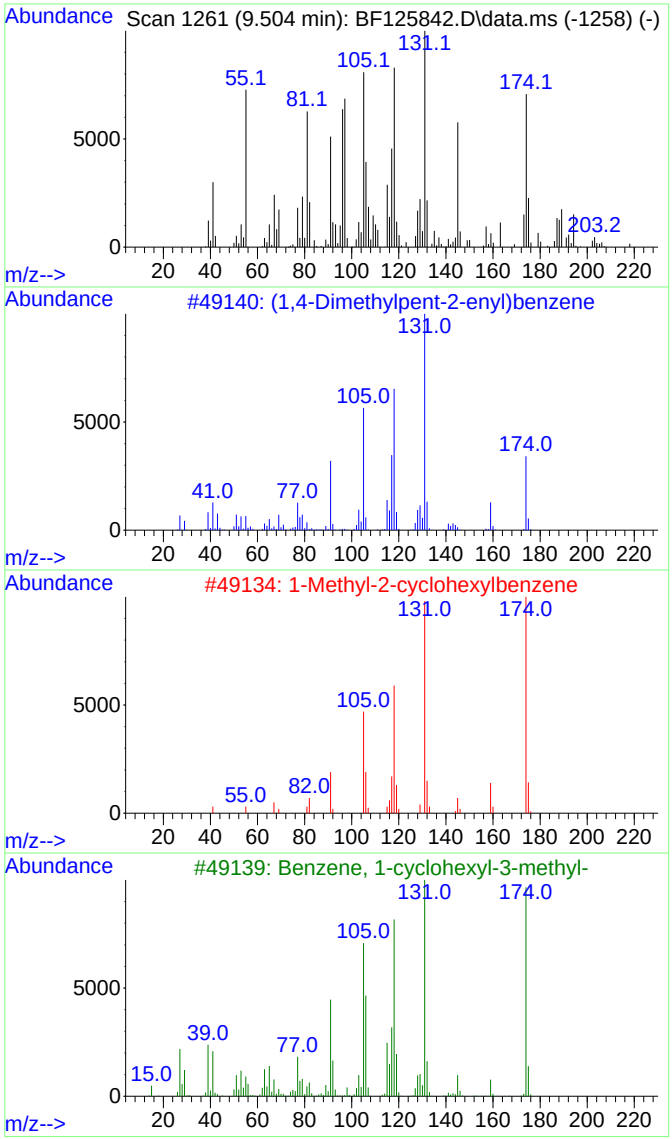
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

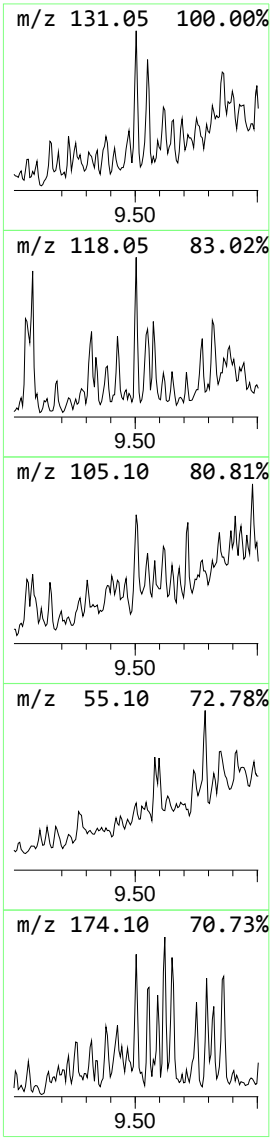
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1,4-Dimethylpent-2-enyl)be... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	3.05 ng	515253	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	55
2	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	53
3	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	38
4	2H-1-Benzopyran-2-one 3,4-dimethyl-	174	C11H10O2	004281-39-4	27
5	1,1'-Bicyclohexyl, 4,4'-dimethyl-	194	C14H26	054823-99-3	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

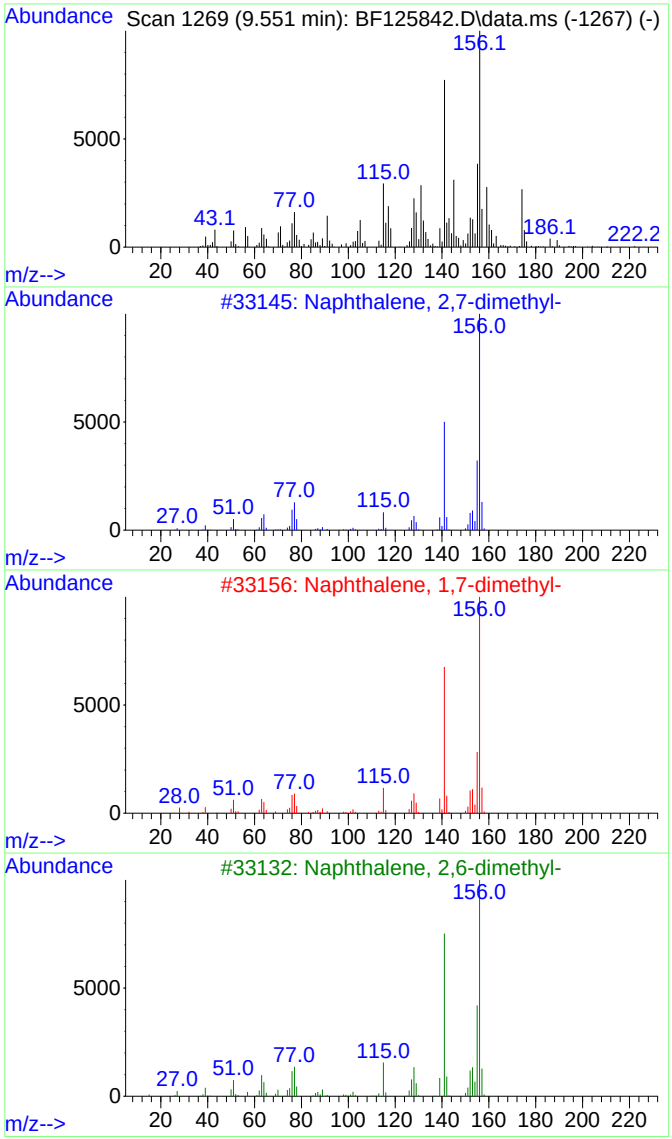
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

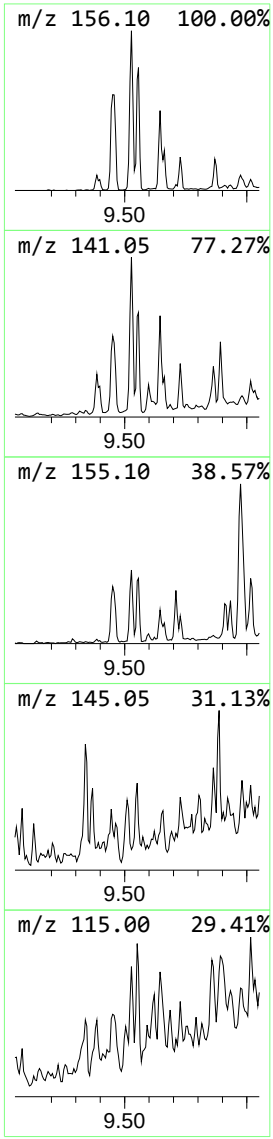
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	3.85 ng	650084	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

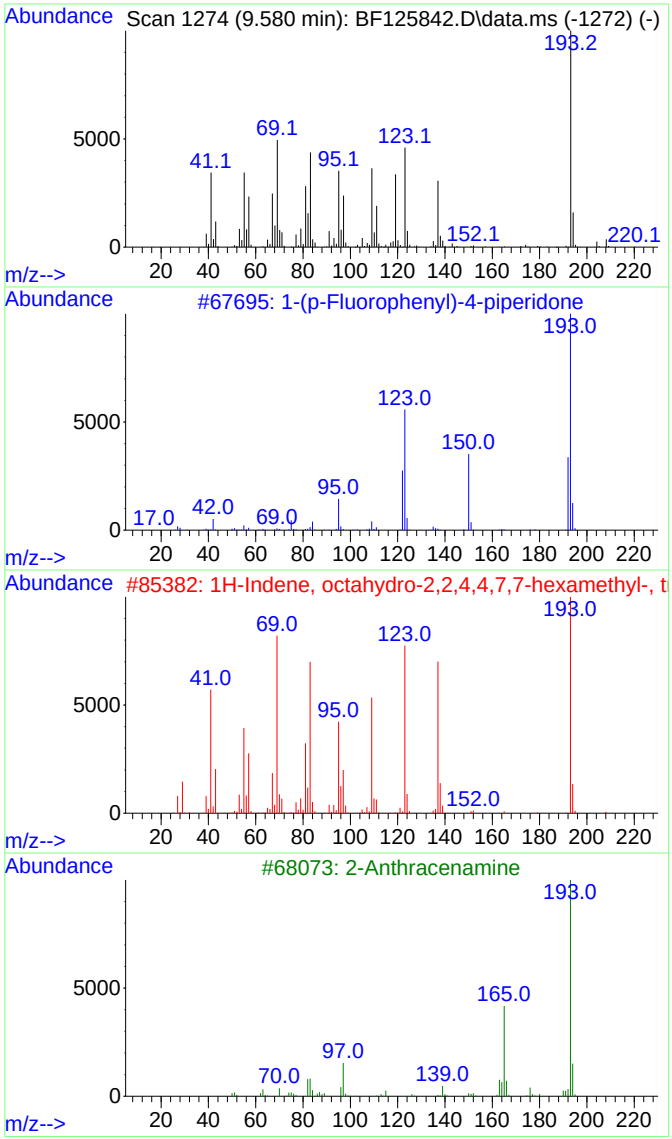
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

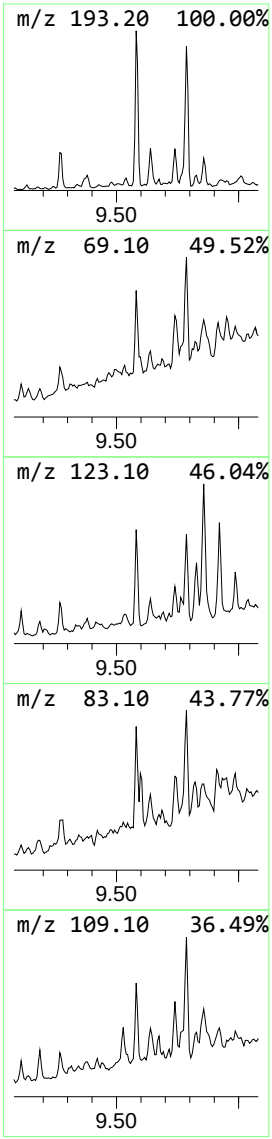
****

Peak Number 8 unknown9.580 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	9.99 ng	1686640	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
3	2-Anthracenamine	193	C14H11N	000613-13-8	25
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	22
5	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

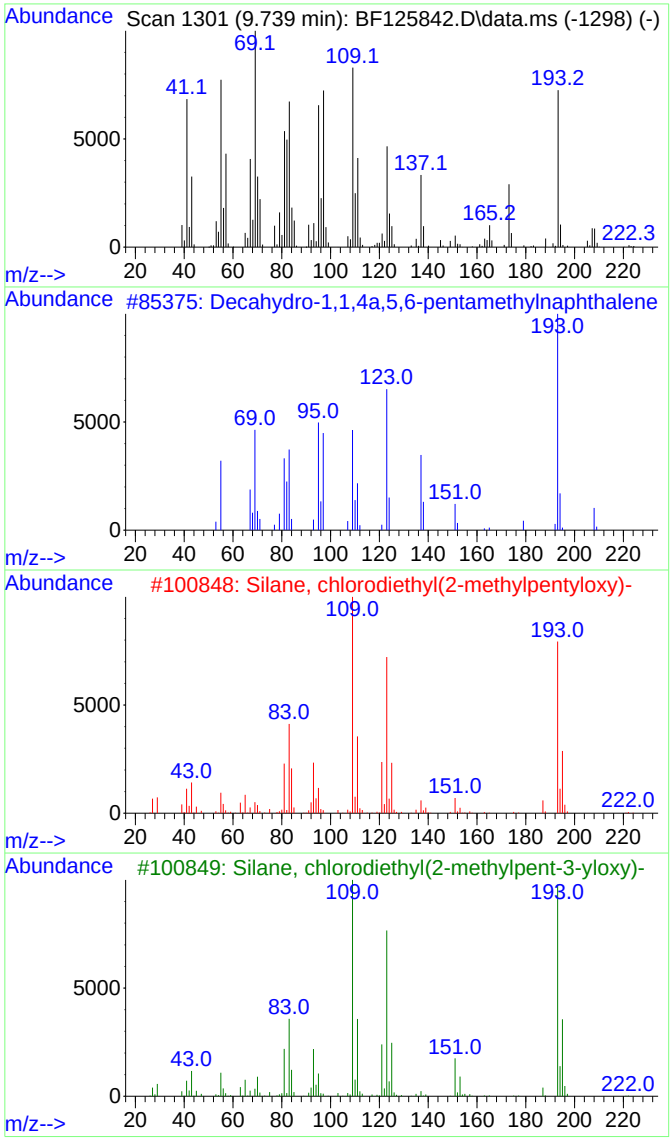
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

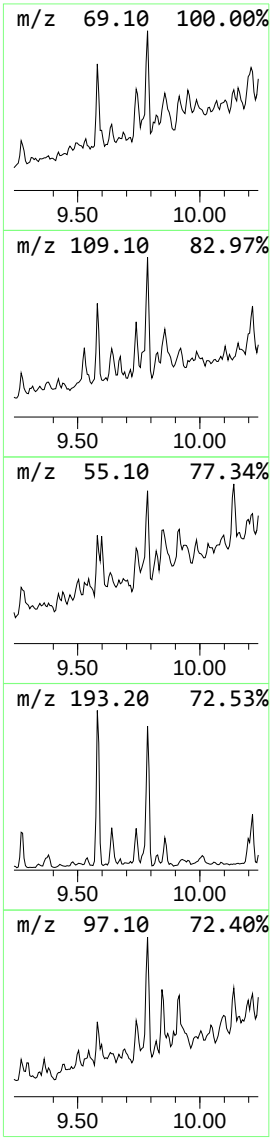
****

Peak Number 9 unknown9.739 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	7.39 ng	1247370	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	55
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	46
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	43
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	30
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

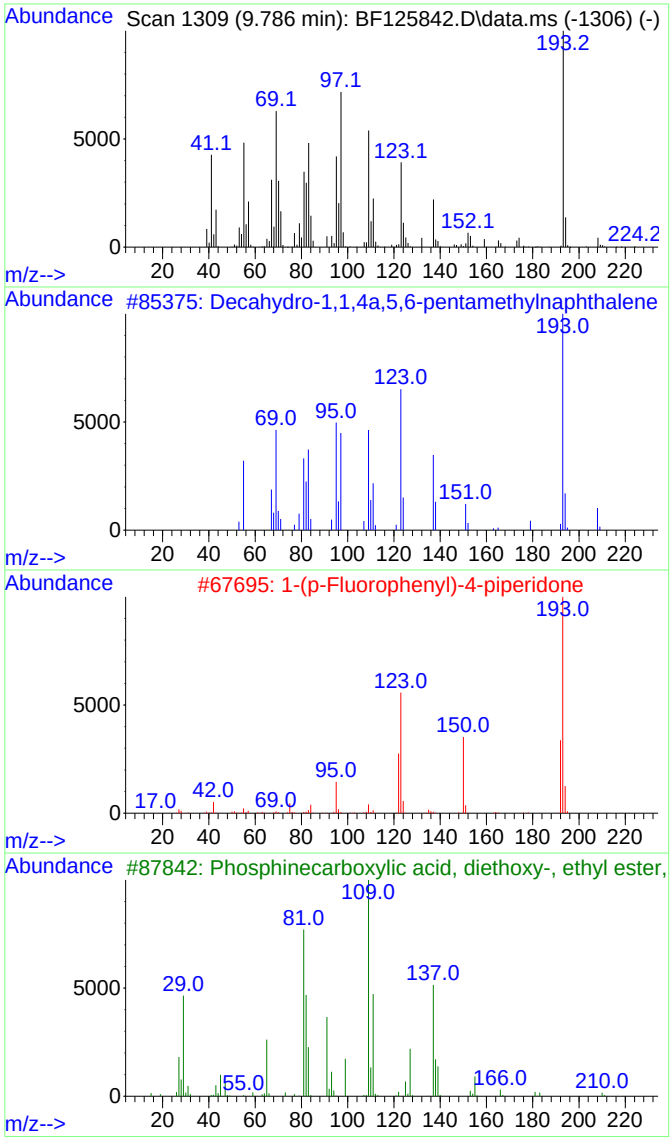
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

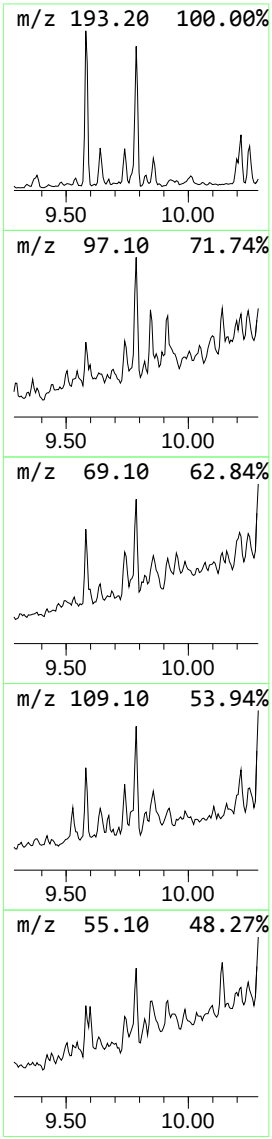
****

Peak Number 10 unknown9.786 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	10.87 ng	1834600	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
3	Phosphinecarboxylic acid, dietho...	210	C7H15O5P	001474-78-8	15
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	14
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

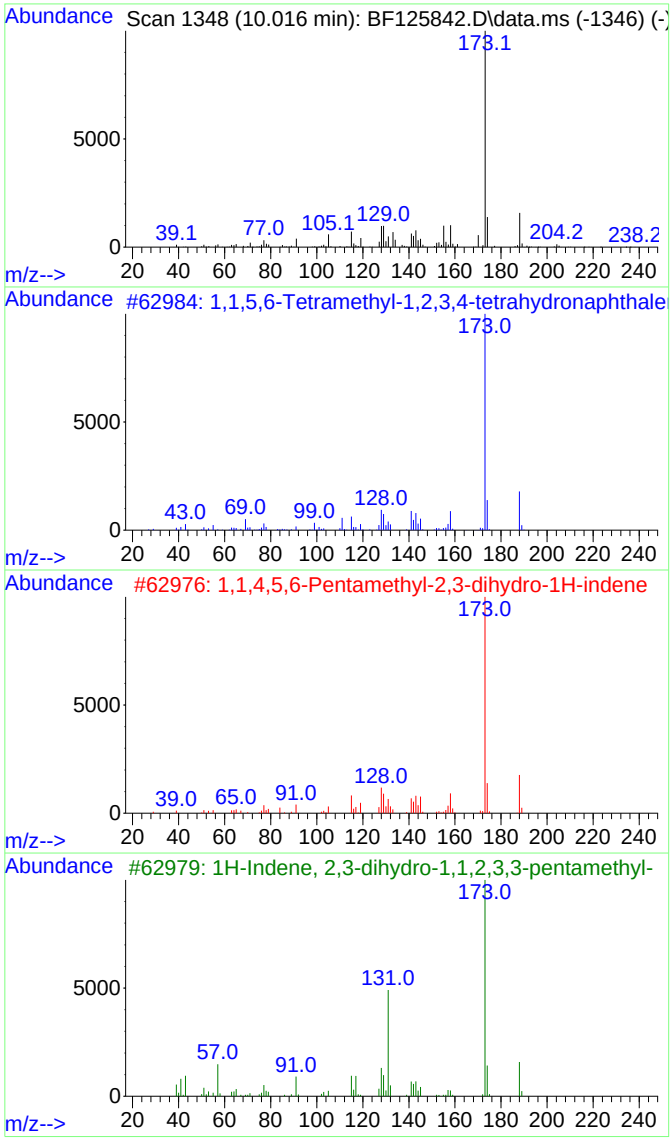
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

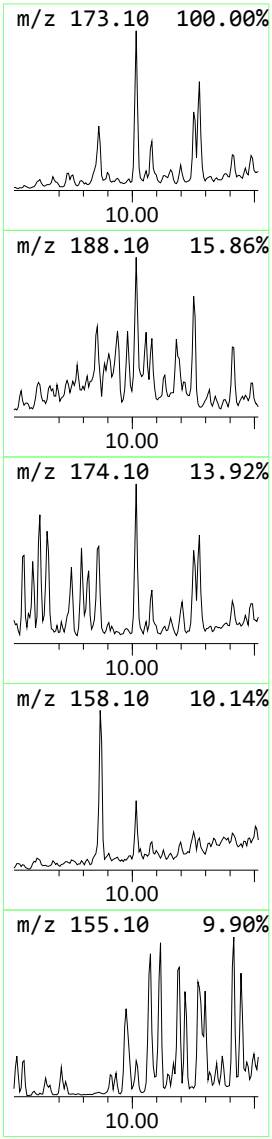
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1,5,6-Tetramethyl-1,2,3,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	2.53 ng	427772	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,5,6-Tetramethyl-1,2,3,4-tetr...	188	C14H20	031197-54-3	94
2	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	91
3	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	90
4	4H-1-Benzopyran, 4,4,5,8-tetrame...	188	C13H16O	082391-06-8	59
5	4'-(Trifluoromethyl)acetophenone	188	C9H7F3O	000709-63-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

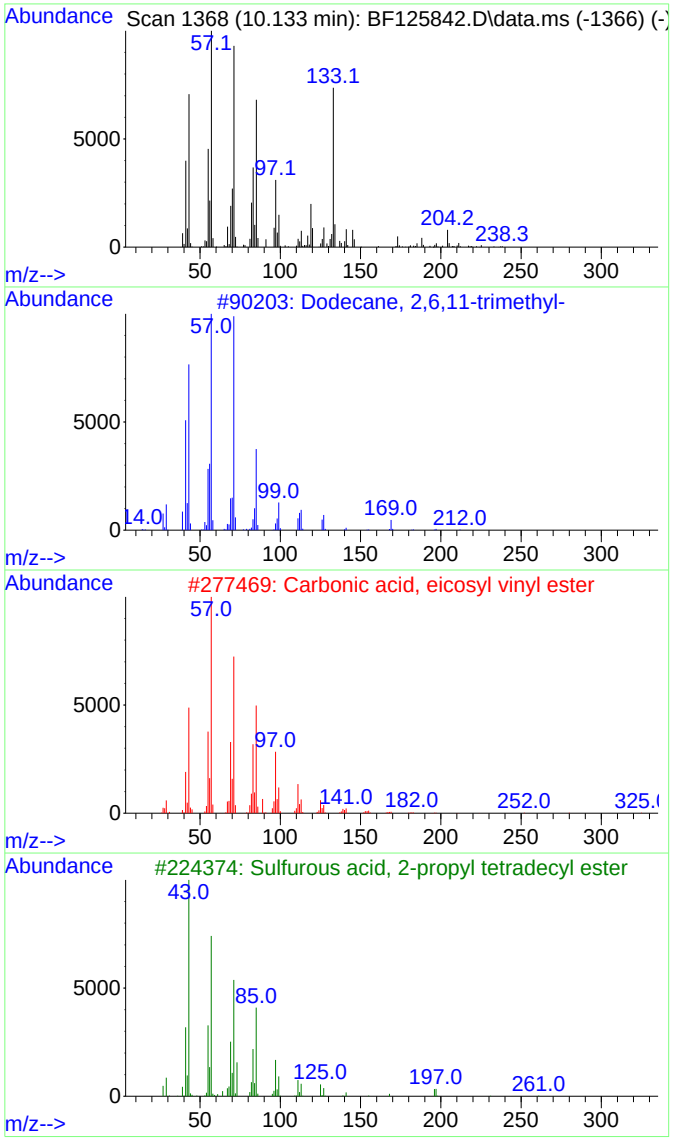
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

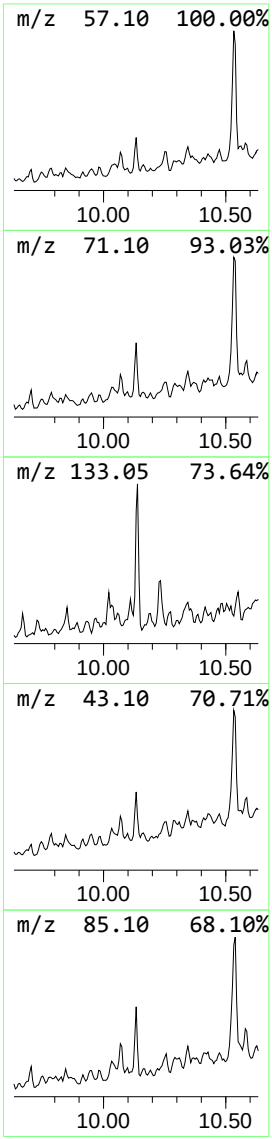
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	5.88 ng	992918	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	60
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	49
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	49
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	49
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

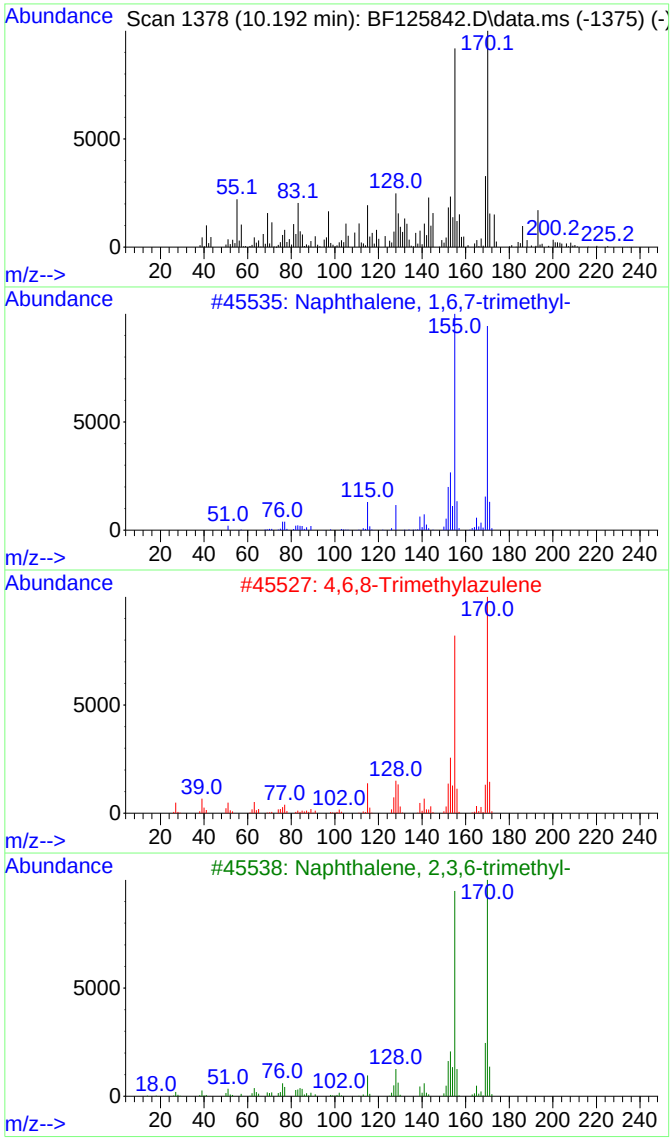
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

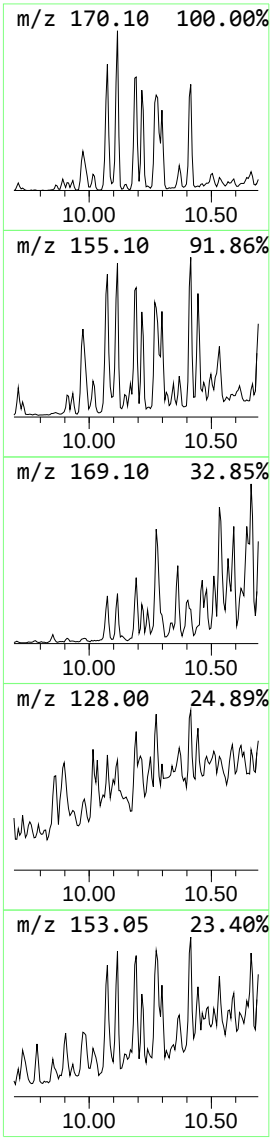
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	6.39 ng	1079030	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

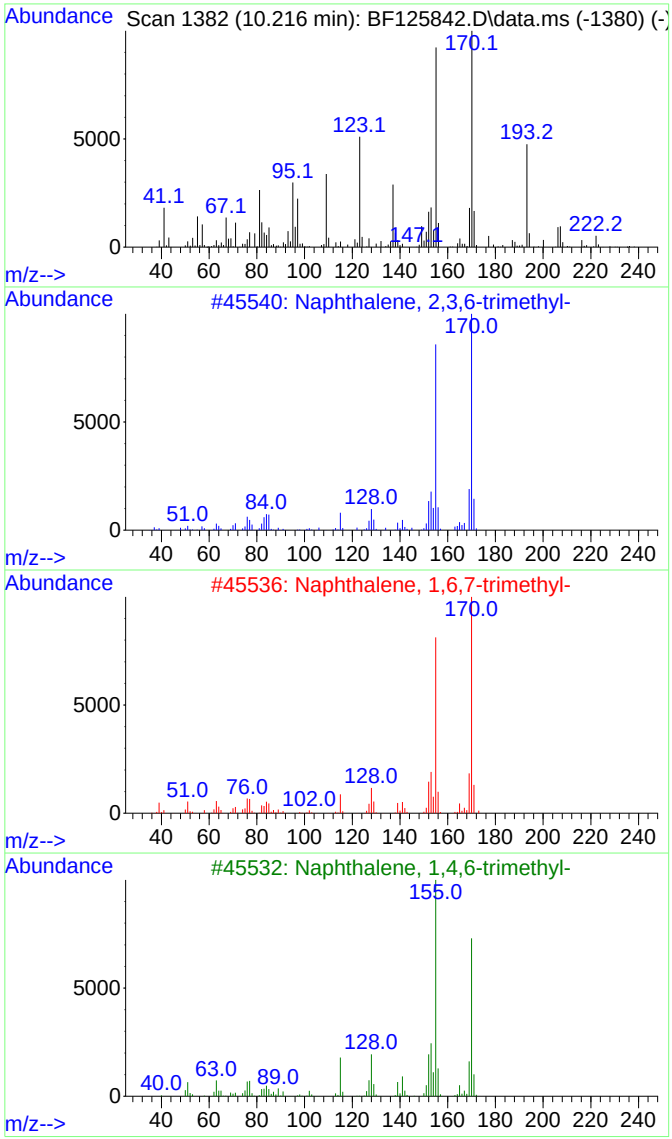
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

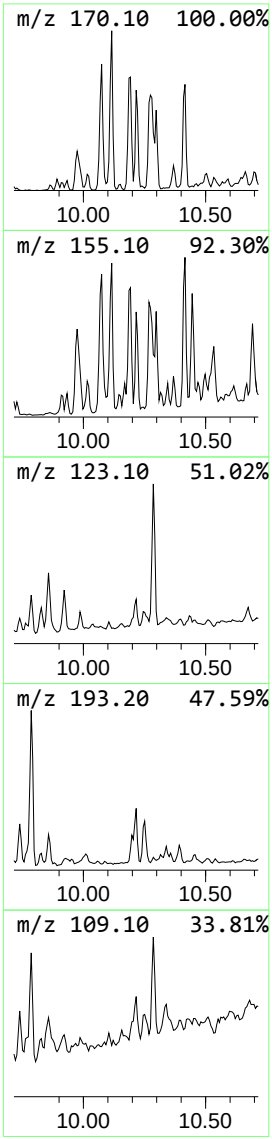
****

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	3.60 ng	608479	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	2H-imidazole-2-thione, 5-(1,1-di...	170	C8H14N2S	1010404-59-0	43
5	3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

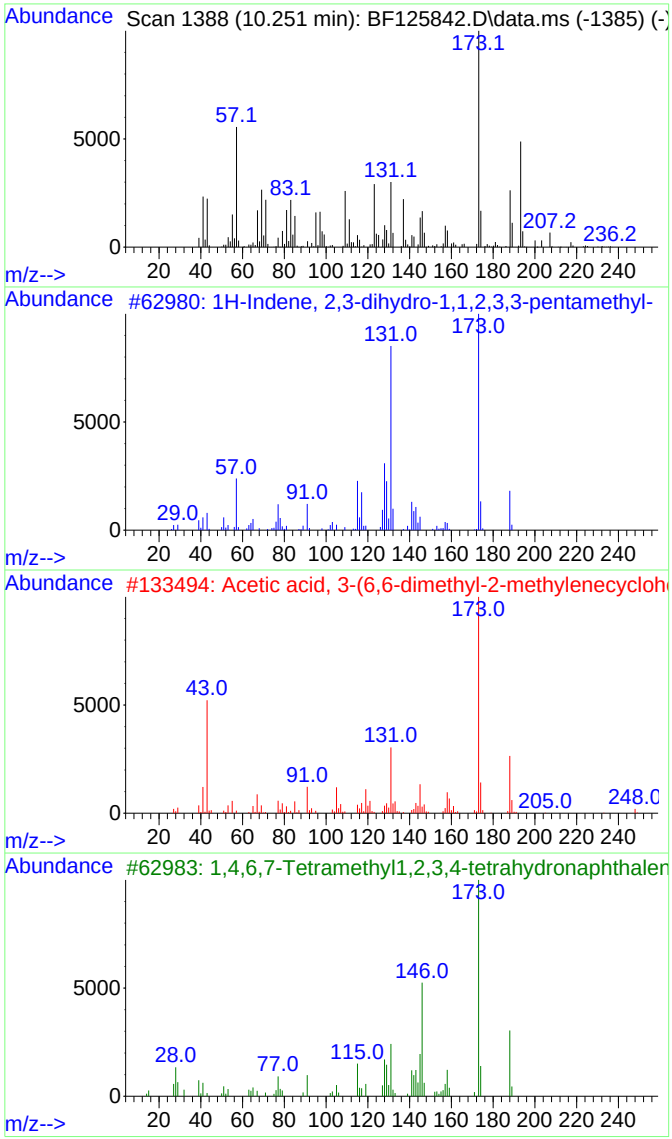
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

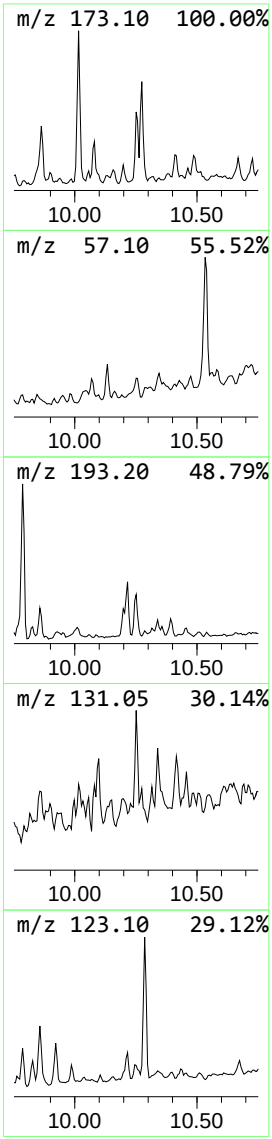
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	5.62 ng	948434	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	50
2	Acetic acid, 3-(6,6-dimethyl-2-m...	248	C16H24O2	1000188-18-1	43
3	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	41
4	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	41
5	Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

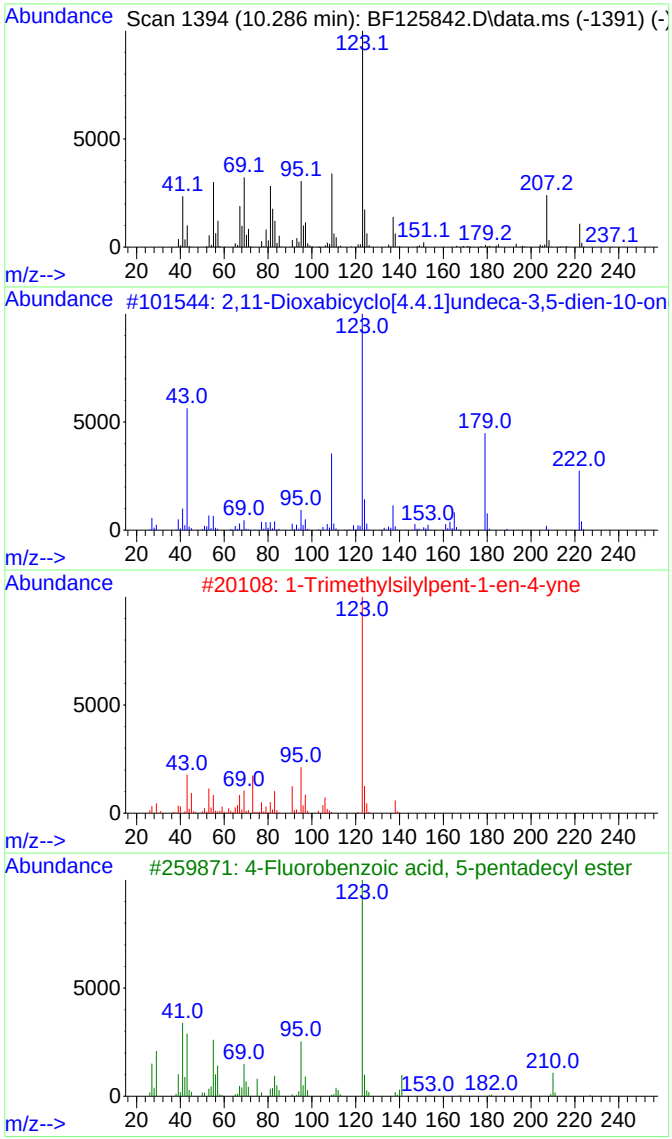
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

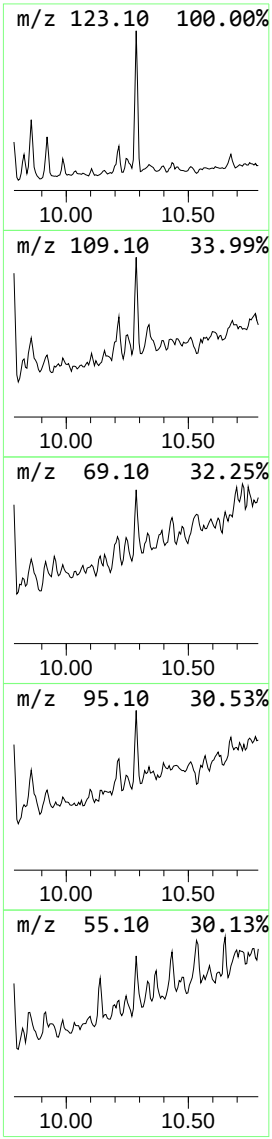
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	11.55 ng	1949800	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	59
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	52
3	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	50
4	4(1H)-Pyrimidinone, 6-(1-methyle...	180	C9H12N2O2	1000503-76-7	47
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

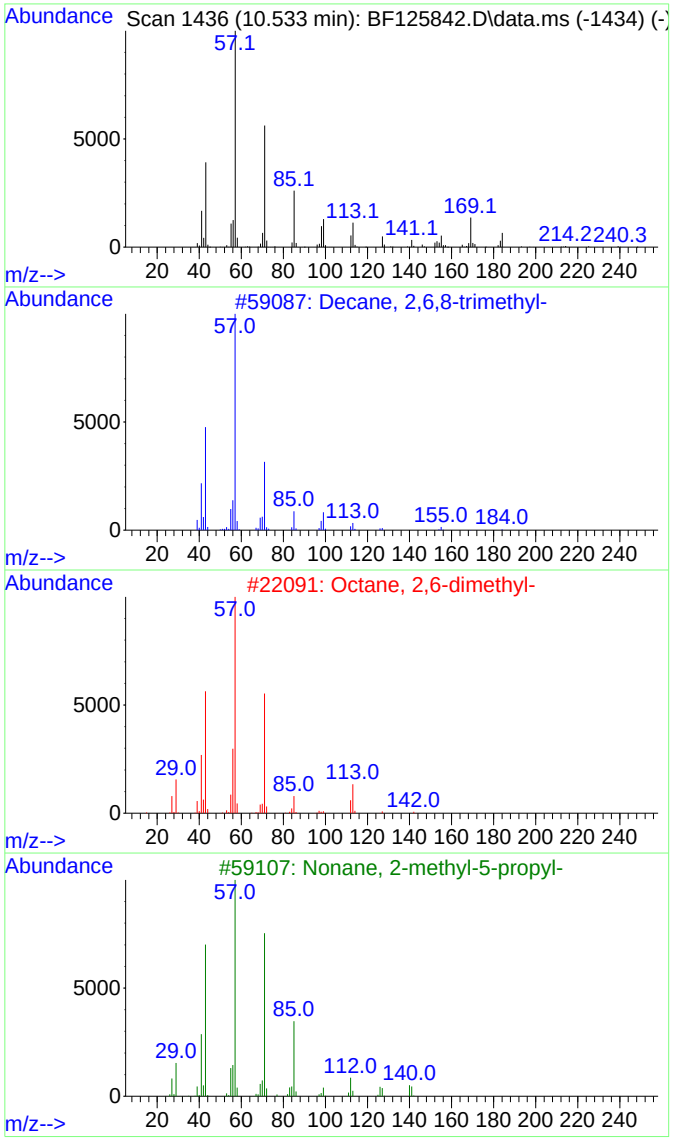
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

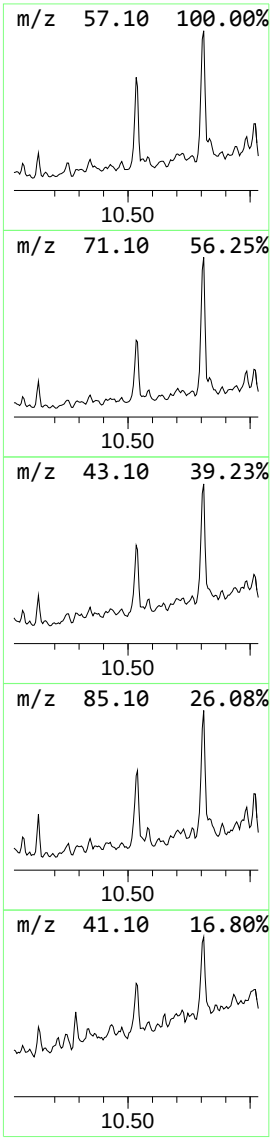
****

Peak Number 17 Decane, 2,6,8-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	10.33 ng	1744420	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

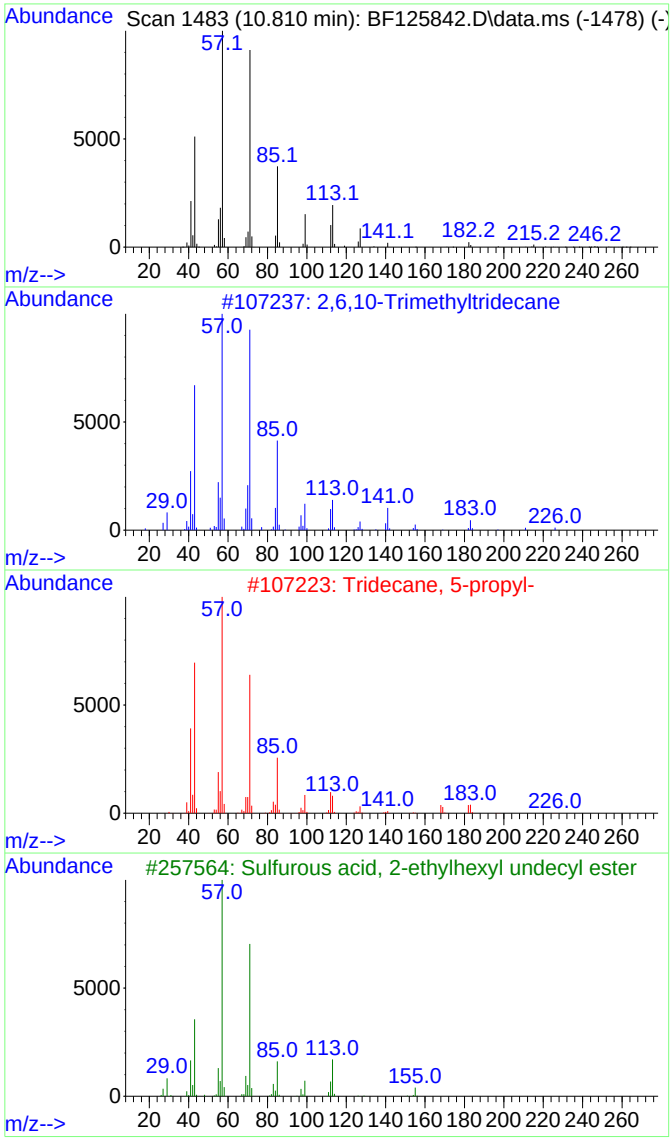
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

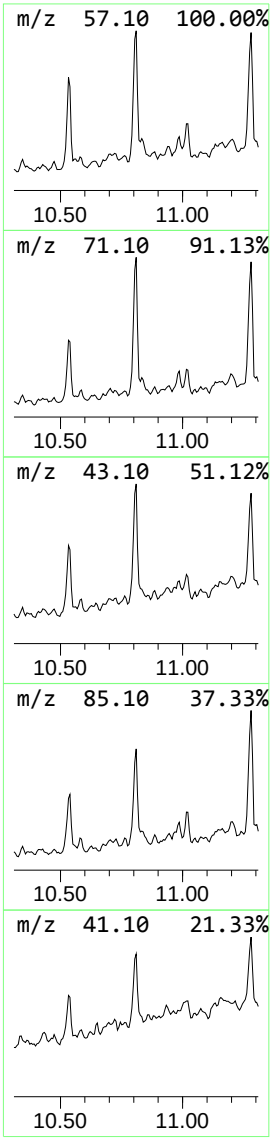
****

Peak Number 18 2,6,10-Trimethyltridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	20.00 ng	3989670	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

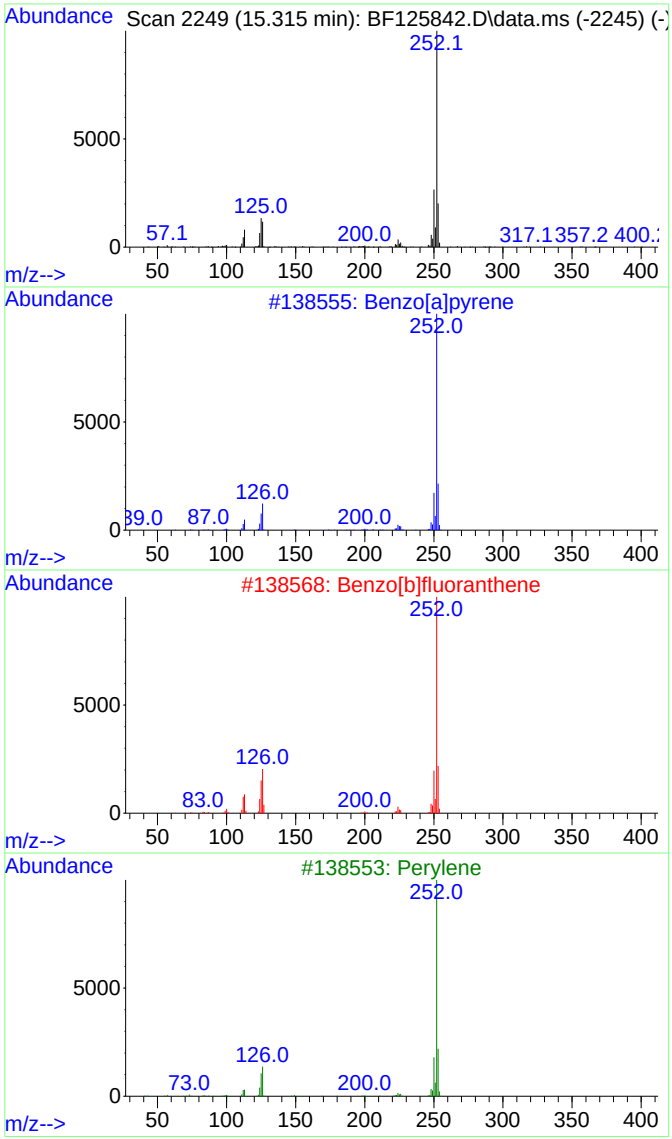
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

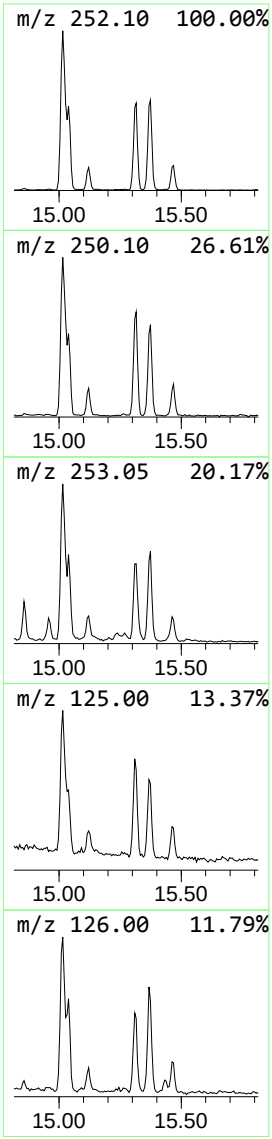
****

Peak Number 19 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	6.42 ng	406583	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[e]pyrene	252	C20H12	000192-97-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

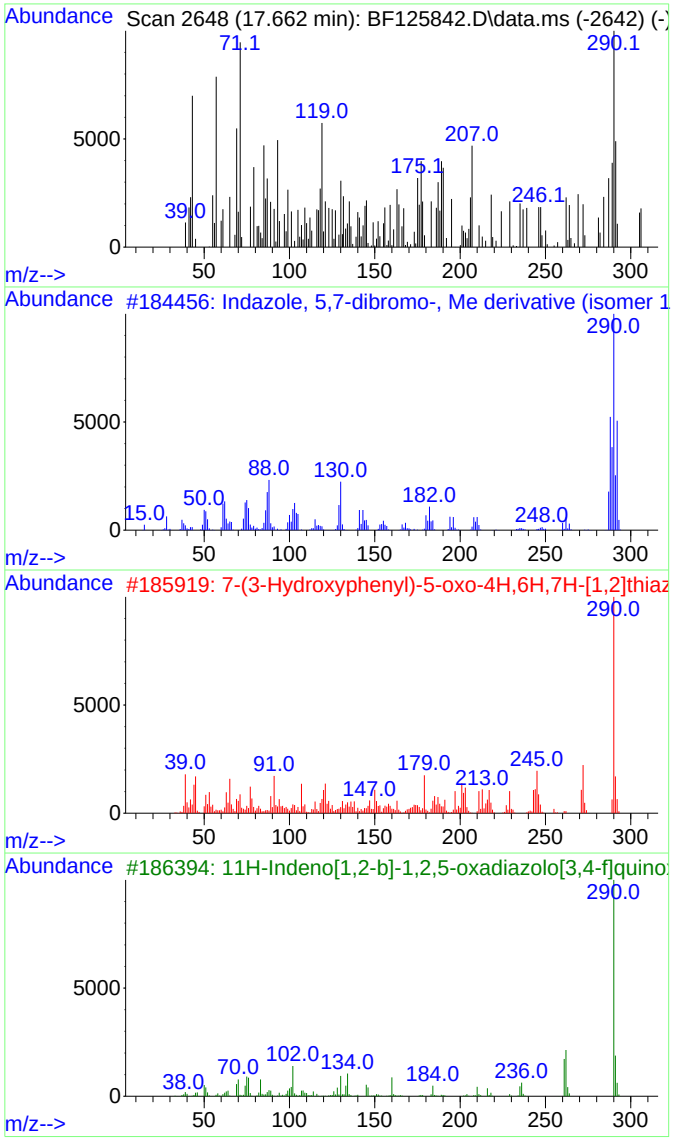
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

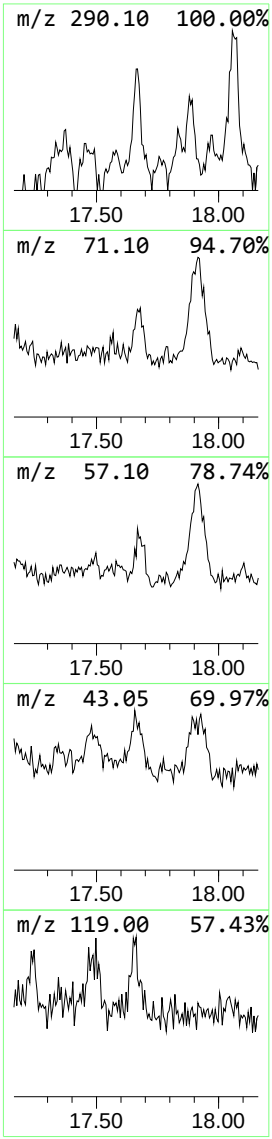
****

Peak Number 20 unknown17.662 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.662	2.79 ng	176727	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indazole, 5,7-dibromo-, Me deriv...	288	C8H6Br2N2	1000507-65-7	35
2	7-(3-Hydroxyphenyl)-5-oxo-4H,6H,...	290	C13H10N2O4S	1000388-39-3	25
3	11H-Indeno[1,2-b]-1,2,5-oxadiazo...	290	C15H6N4OS	302602-04-6	22
4	4,6-Dibromo-1H-benzoimidazole, M...	288	C8H6Br2N2	1000495-39-2	22
5	2-(1-Ethyl-1H-benzoimidazol-2-yl...	291	C18H14FN3	1000295-12-3	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125842.D
Acq On : 14 Oct 2021 13:52
Operator : JU/CG
Sample : M4142-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-330

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	8.016	2.3	ng	176937	2	8.116	1524290	20.0
1,1'-Bicyclohexyl	8.892	2.3	ng	173701	2	8.116	1524290	20.0
Naphthalene, 1,...	8.939	4.7	ng	355153	2	8.116	1524290	20.0
unknown8.992	8.992	2.7	ng	206598	2	8.116	1524290	20.0
Decahydro-1,1,4...	9.269	6.5	ng	1093690	3	9.869	3376210	20.0
(1,4-Dimethylpe...	9.504	3.0	ng	515253	3	9.869	3376210	20.0
Naphthalene, 2,...	9.551	3.9	ng	650084	3	9.869	3376210	20.0
unknown9.580	9.580	10.0	ng	1686640	3	9.869	3376210	20.0
unknown9.739	9.739	7.4	ng	1247370	3	9.869	3376210	20.0
unknown9.786	9.786	10.9	ng	1834600	3	9.869	3376210	20.0
1,1,5,6-Tetrame...	10.016	2.5	ng	427772	3	9.869	3376210	20.0
Dodecane, 2,6,1...	10.133	5.9	ng	992918	3	9.869	3376210	20.0
Naphthalene, 1,...	10.192	6.4	ng	1079030	3	9.869	3376210	20.0
Naphthalene, 2,...	10.216	3.6	ng	608479	3	9.869	3376210	20.0
1H-Indene, 2,3-...	10.251	5.6	ng	948434	3	9.869	3376210	20.0
2,11-Dioxabicyc...	10.286	11.6	ng	1949800	3	9.869	3376210	20.0
Decane, 2,6,8-t...	10.533	10.3	ng	1744420	3	9.869	3376210	20.0
2,6,10-Trimethy...	10.810	20.0	ng	3989670	4	11.368	3989670	20.0
Perylene	15.315	6.4	ng	406583	6	15.439	1266340	20.0
unknown17.662	17.662	2.8	ng	176727	6	15.439	1266340	20.0