LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

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-BF081715.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	4.741	238	241	244	rBV	162764	245719	2.98%	0.999%
2	5.198	279	281	286	rBV	441235	430031	5.21%	1.748%
3	6.273	372	375	377	rBV	382655	432679	5.24%	1.758%
4	6.387	383	385	388	rBV	412732	421720	5.11%	1.714%
5	6.627	403	406	408	rBV	438685	367266	4.45%	1.492%
6	6.776	417	419	422	rBV	252114	311789	3.78%	1.267%
7	7.187	453	455	458	rBV	268396	252227	3.06%	1.025%
8	7.919	516	519	521	rBV	314115	435146	5.27%	1.768%
9	8.993	610	613	615	rBV	640773	541366	6.56%	2.200%
10	9.393	645	648	650	rVB	146377	145305	1.76%	0.590%
11	9.656	669	671	673	rBV2	384354	401297	4.86%	1.631%
12	10.205	712	719	721	rBV	75785	89113	1.08%	0.362%
13	10.445	737	740	742	rBV	508552	510776	6.19%	2.076%
14	11.153	798	802	804	rVB2	547962	971197	11.77%	3.947%
15	11.211	804	807	809	rBV	183301	203651	2.47%	0.828%
16	11.371	817	821	822	rBV2	57211	90587	1.10%	0.368%
17	11.633	839	844	845	rBV2	106246	152933	1.85%	0.621%
18	11.691	847	849	852	rVV2	295515	373213	4.52%	1.517%
19	11.736	852	853	857	rVV	118472	208190	2.52%	0.846%
20	11.931	868	870	874	rVB2	70541	110479	1.34%	0.449%
21	12.342	903	906	908	rBV	850426	845805	10.25%	3.437%
22	12.468	915	917	920	rBV2	89654	141494	1.71%	0.575%
23	12.559	922	925	928	rVV2	602553	808897	9.80%	3.287%
24	12.719	937	939	941	rBV	1023149	932433	11.30%	3.789%
25	12.891	950	954	956	rVV	122979	161750	1.96%	0.657%
26	12.959	958	960	961	rVV	104626	111498	1.35%	0.453%
27	12.994	961	963	966	rVV2	81289	114228	1.38%	0.464%
28	13.199	979	981	986	rVB	104388	119336	1.45%	0.485%
29	13.508	1005	1008	1009	rBV2	67537	104433	1.27%	0.424%
30	13.634	1017	1019	1025	rVB3	266614	360714	4.37%	1.466%
31	13.759	1026	1030	1034	rBV4	626241	1369365	16.60%	5.565%
32	14.262	1072	1074	1079	rBV	314652	485888	5.89%	1.975%
33	14.742	1114	1116	1120	rBV	189630	390584	4.73%	1.587%
34	14.868	1126	1127	1130	rVB	131713	156112	1.89%	0.634%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.005	1137	1139	1141	rVV	142129	157104	1.90%	0.638%
36	15.051	1141	1143	1146	rVV	129179	223027	2.70%	0.906%
37	15.108	1146	1148	1158	rVB2	179770	436487	5.29%	1.774%
38	15.737	1199	1203	1206	rVB5	61147	158262	1.92%	0.643%
39	16.342	1254	1256	1264	rVB2	64710	148359	1.80%	0.603%
40	16.720	1286	1289	1294	rVB	51837	111361	1.35%	0.453%
41	16.857	1298	1301	1305	rBV3	68032	192278	2.33%	0.781%
42	17.314	1337	1341	1346	rVB	469038	1204583	14.60%	4.895%
43	17.577	1354	1364	1371	rBV	2254897	8251535	100.00%	33.532%
44	17.703	1373	1375	1382	rVB4	61841	158455	1.92%	0.644%
45	18.754	1463	1467	1476	rVB8	43219	155849	1.89%	0.633%
46	19.543	1531	1536	1547	rVB9	65229	329949	4.00%	1.341%
47	20.537	1618	1623	1636	rBV9	43953	283124	3.43%	1.151%

Sum of corrected areas: 24607594

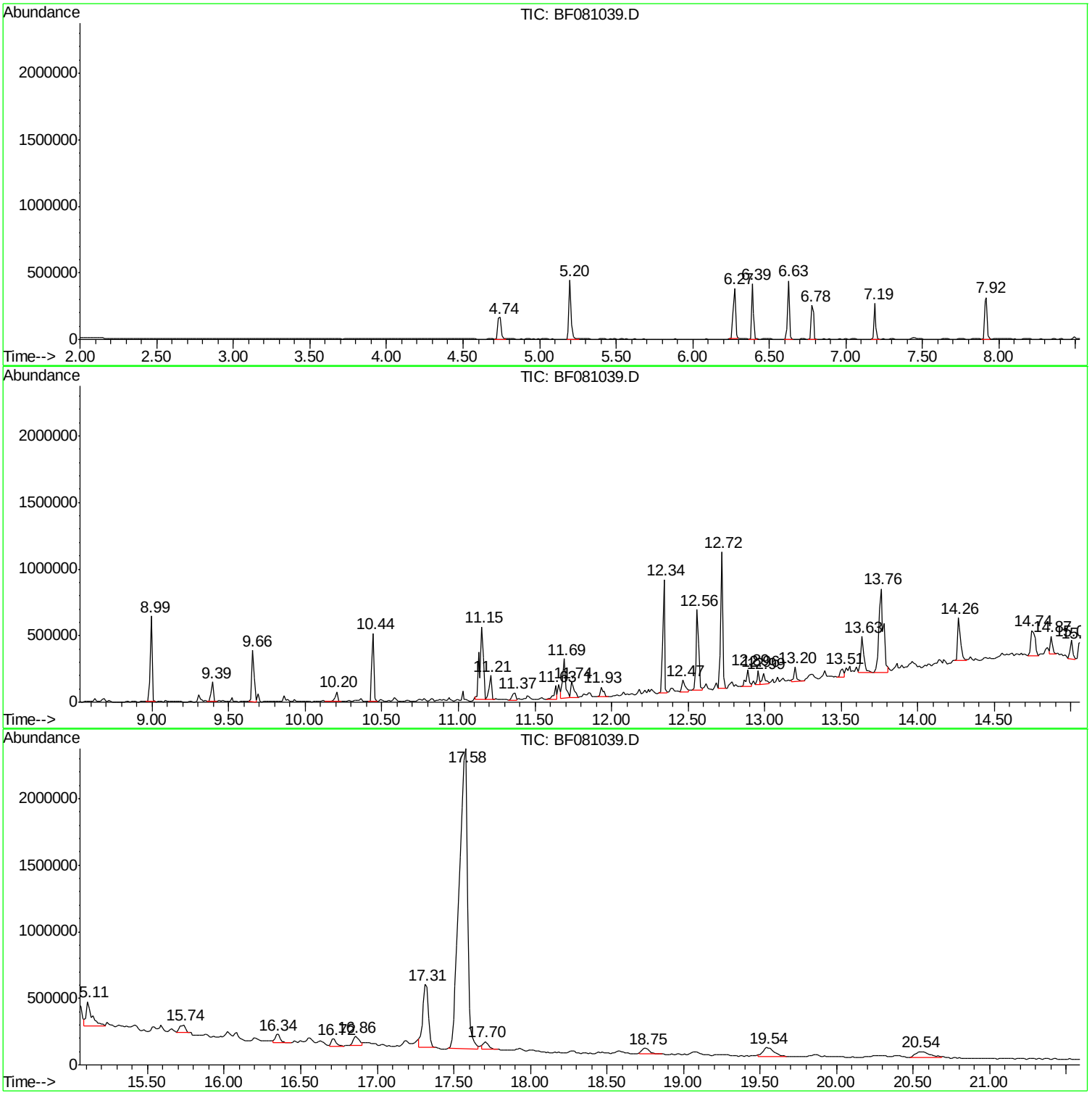
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

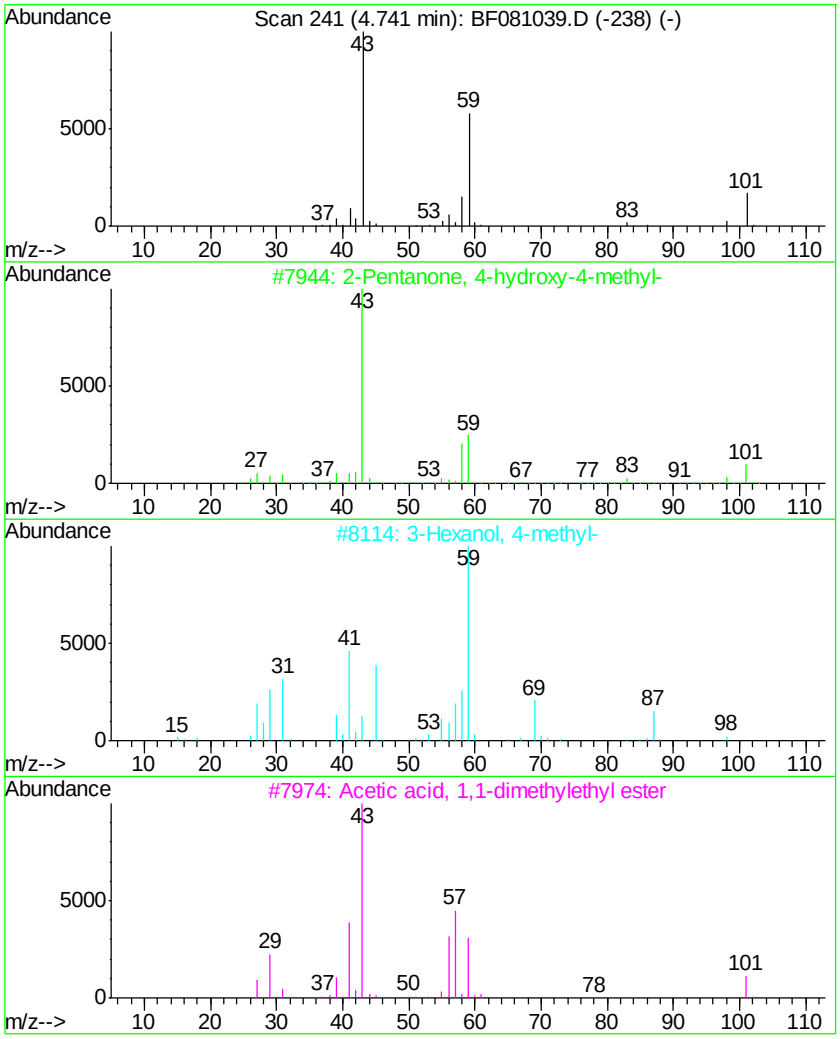
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

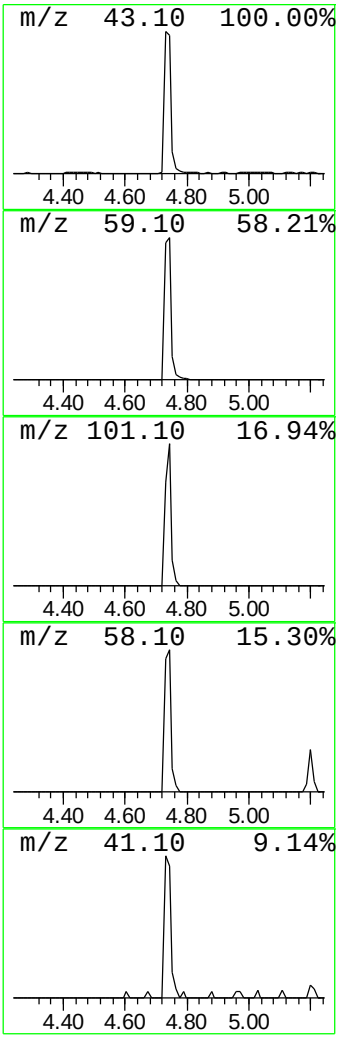
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	13.38 ng	245719	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

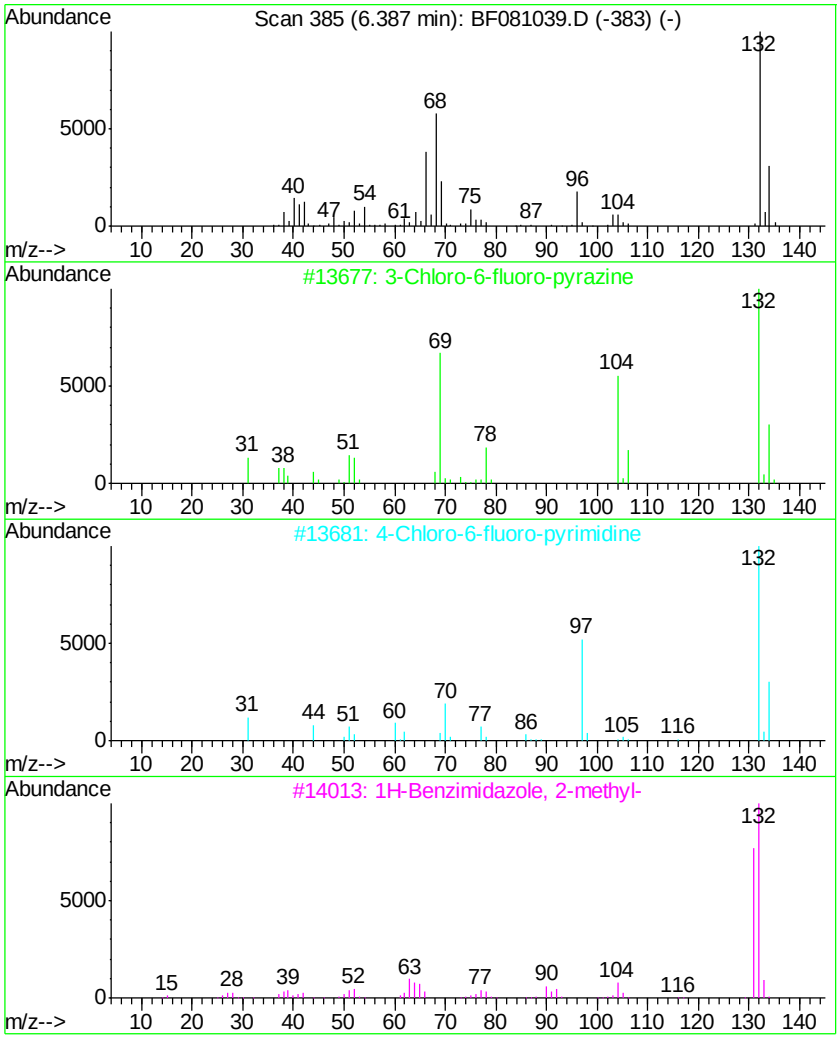
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

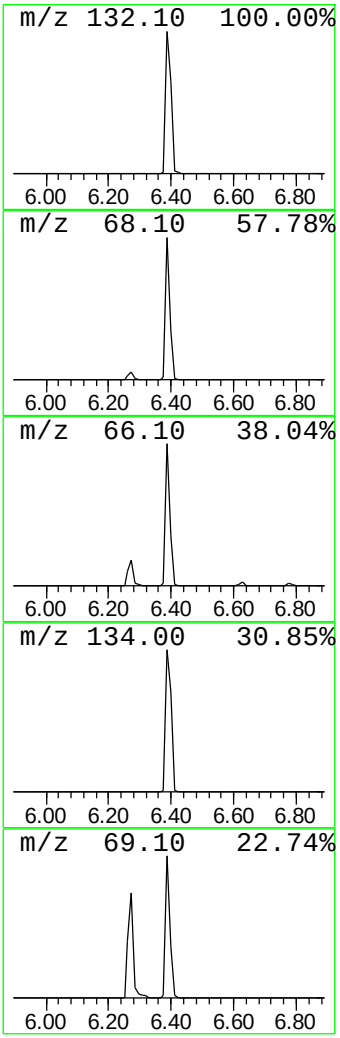
****

Peak Number 2 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	22.97 ng	421720	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

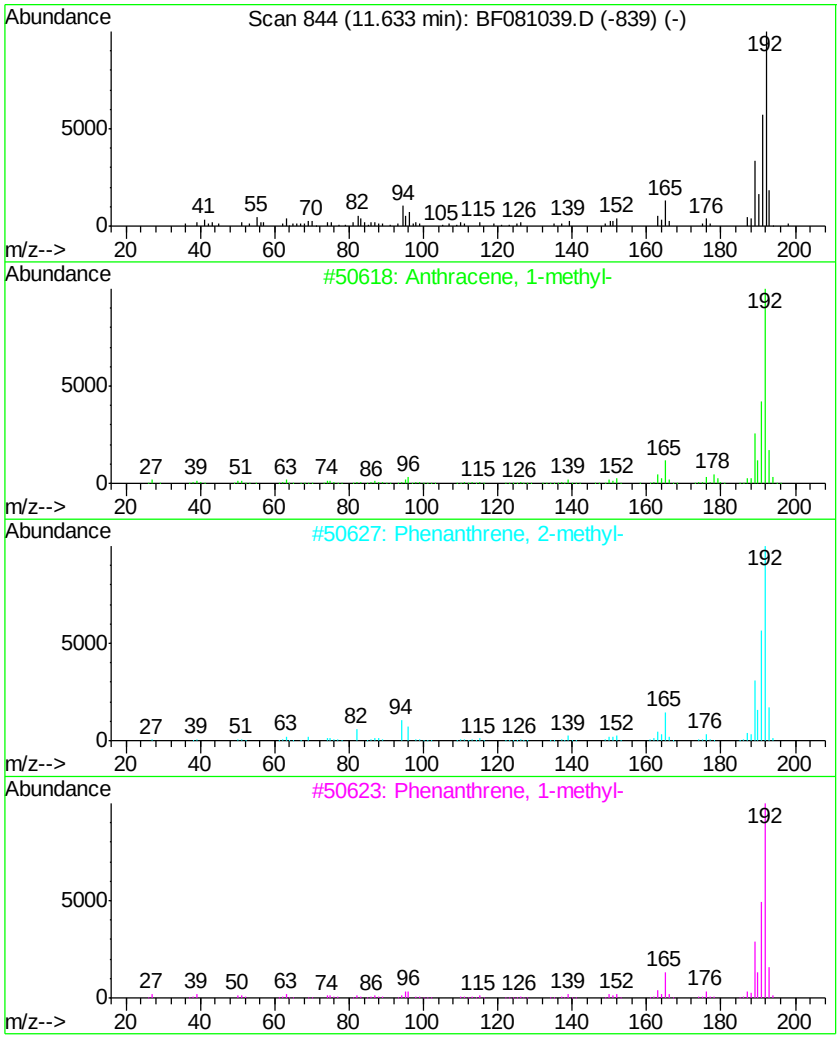
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

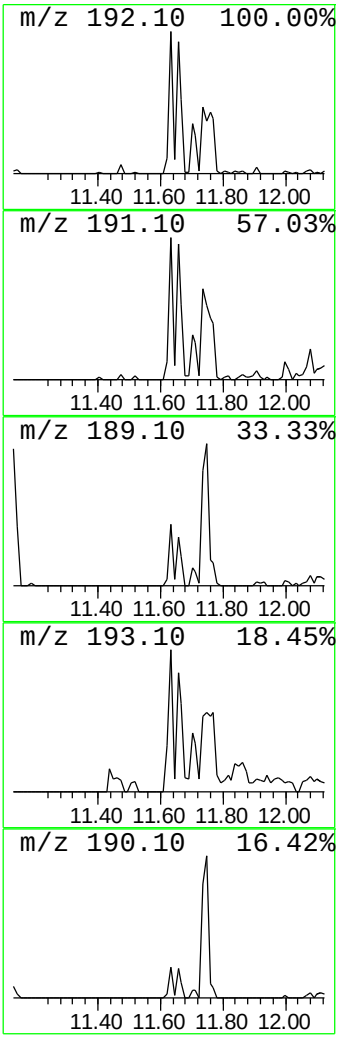
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.15 ng	152933	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

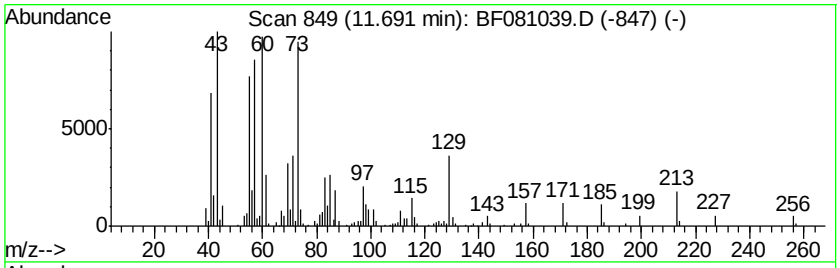
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

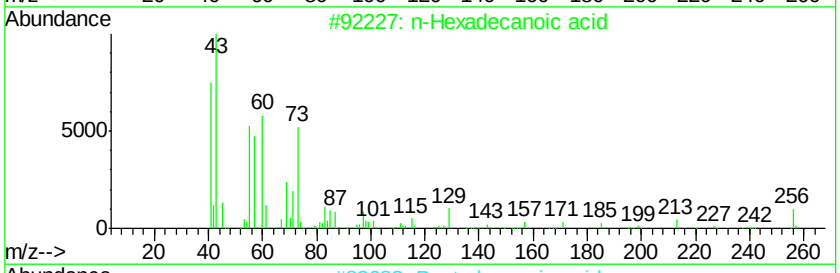
****

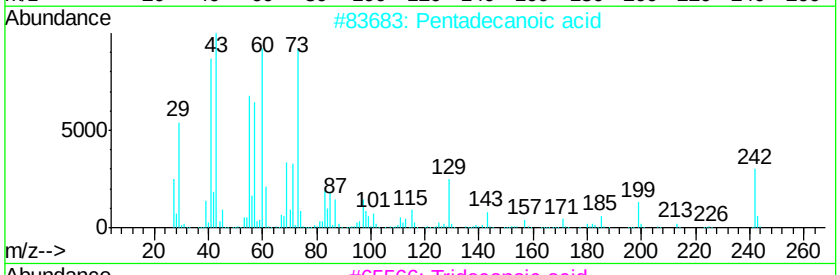
Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

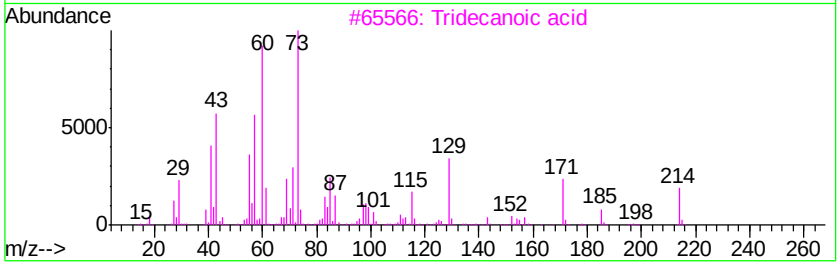
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	7.69 ng	373213	Phenanthrene-d10	11.13

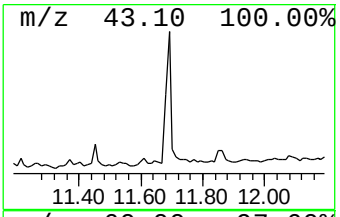
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45

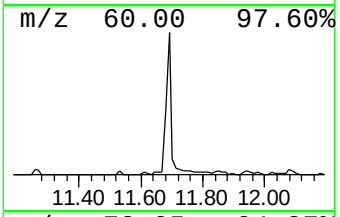


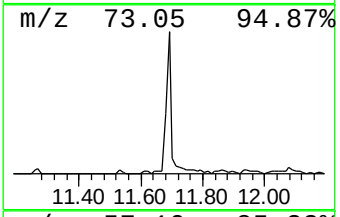


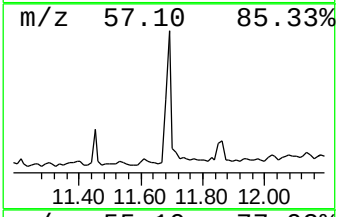


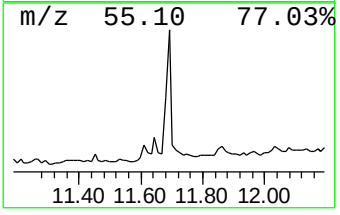












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

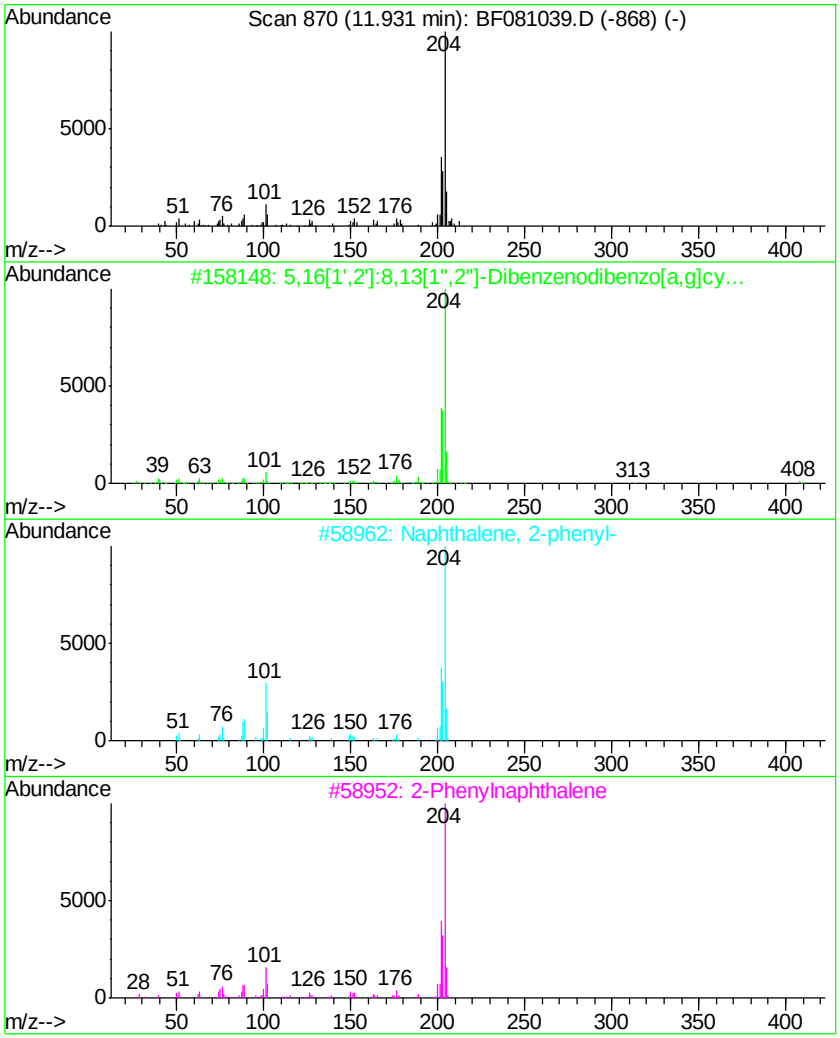
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

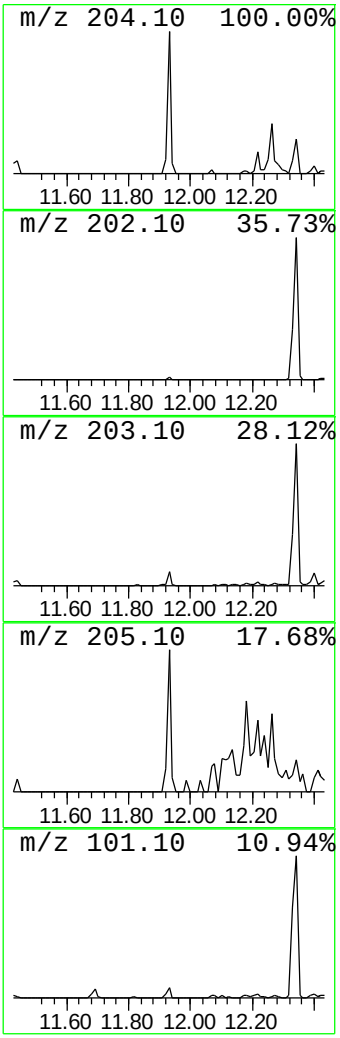
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.28 ng	110479	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

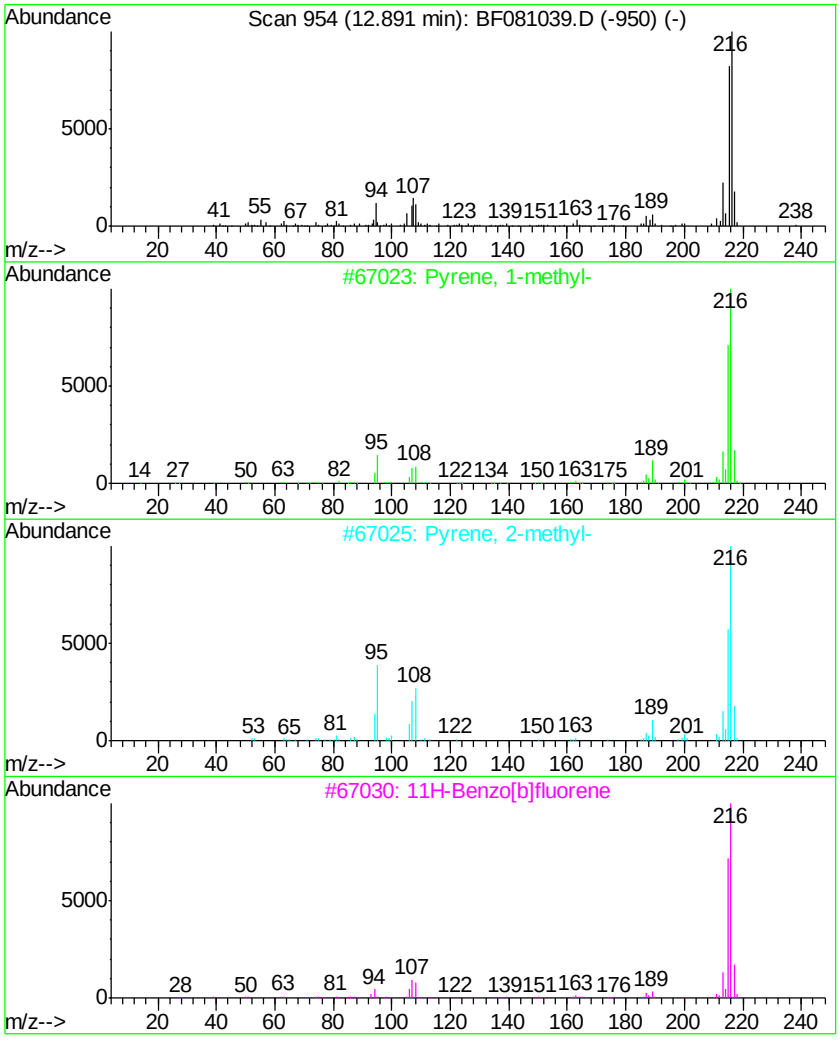
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

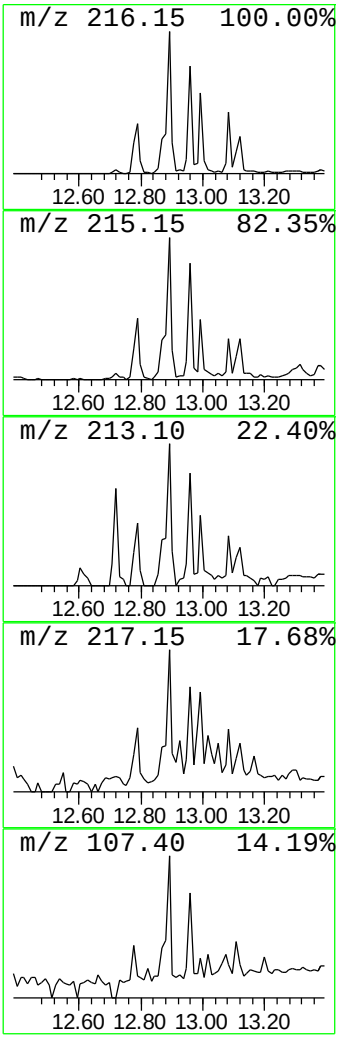
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.36 ng	161750	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

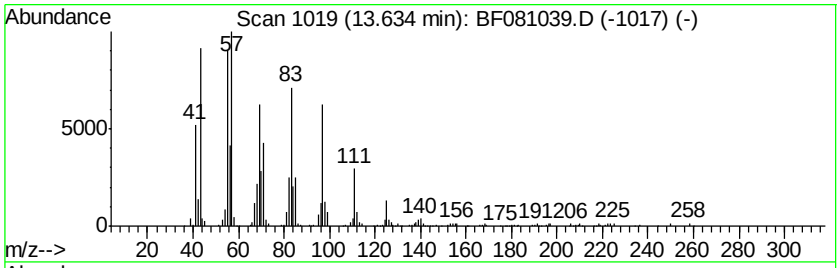
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

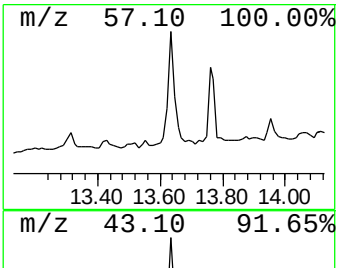
****

Peak Number 9 Trifluoroacetic acid, n-oct... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.27 ng	360714	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	1-Tetracosanol	354	C24H50O	000506-51-4	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

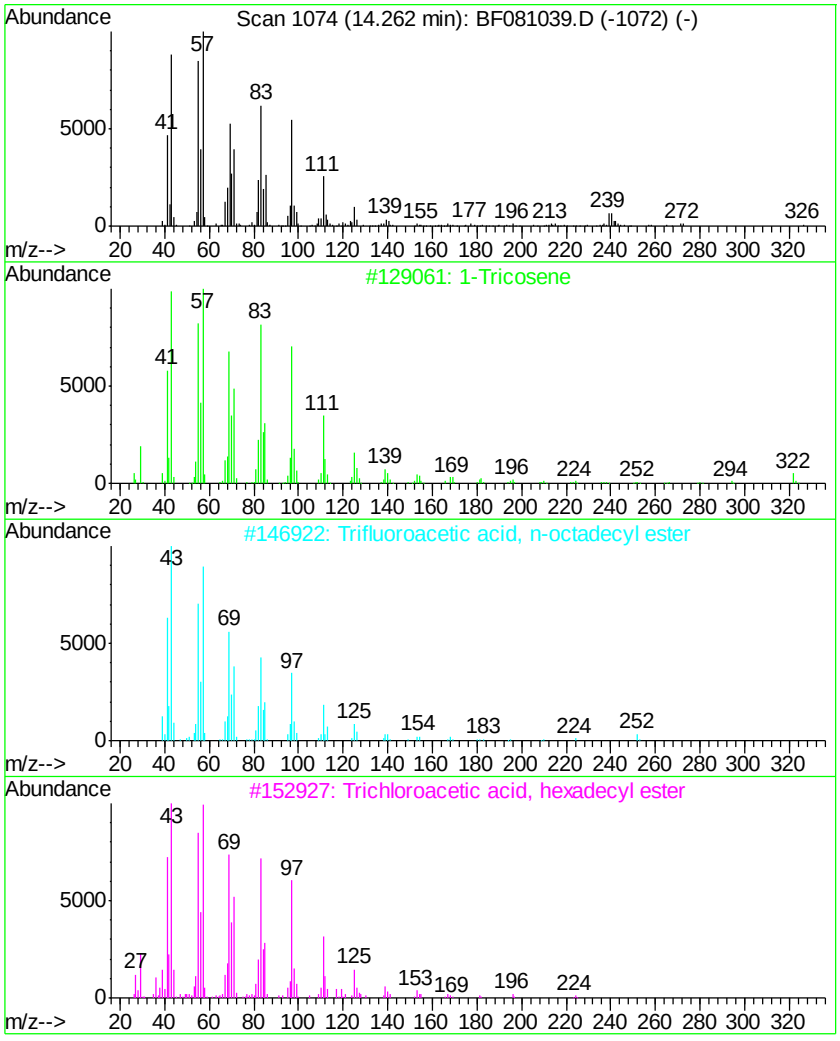
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

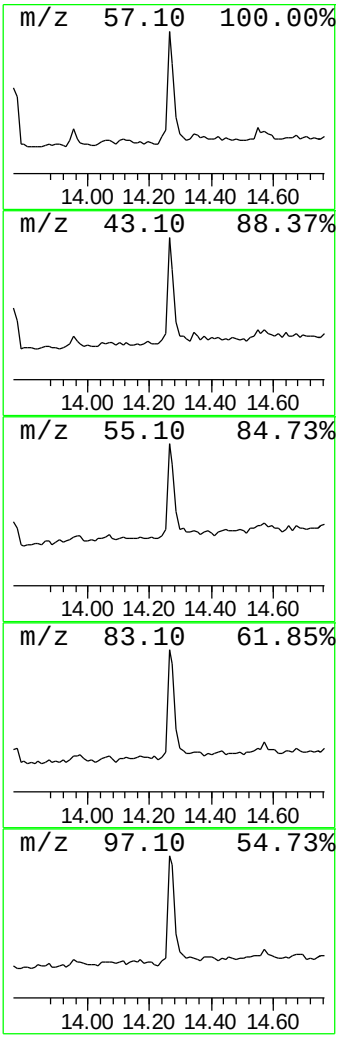
****

Peak Number 10 1-Tricosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	7.10 ng	485888	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	86
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

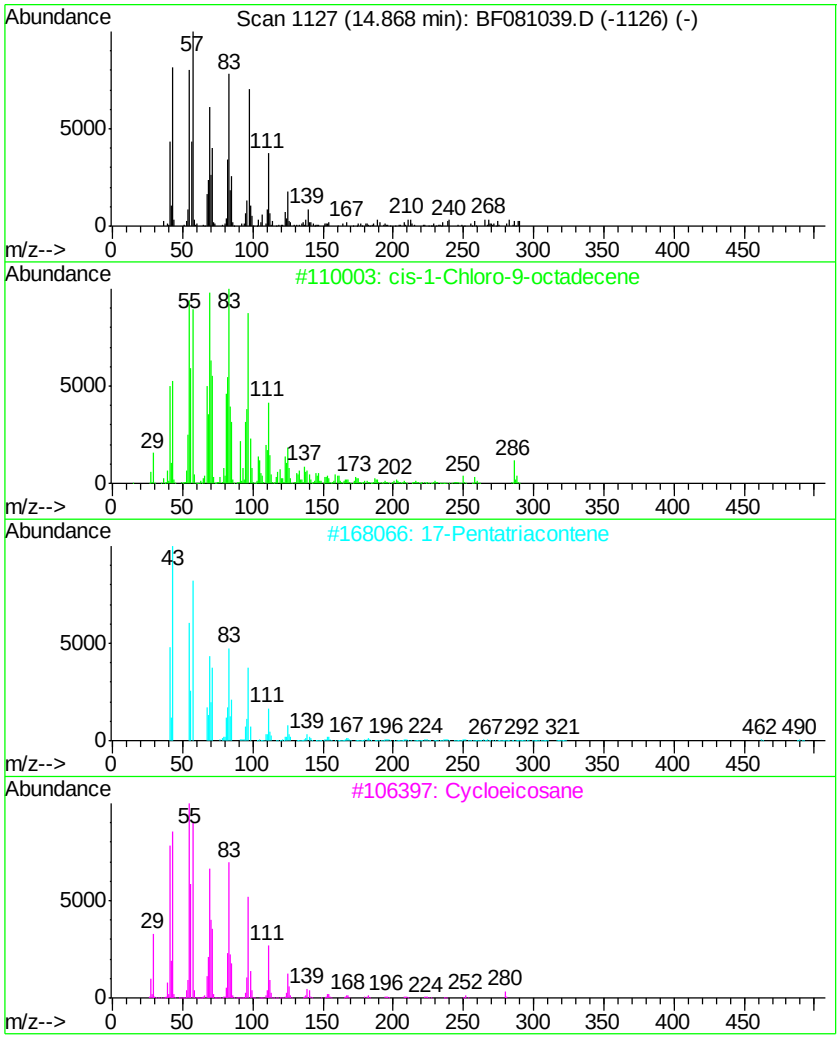
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

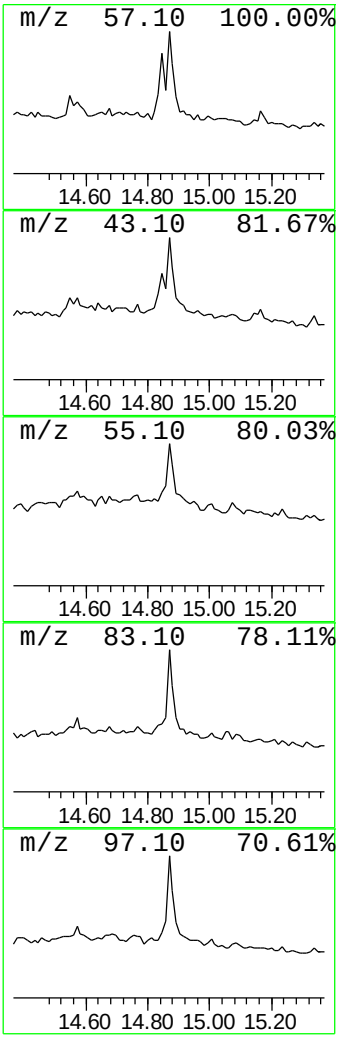
****

Peak Number 11 cis-1-Chloro-9-octadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.15 ng	156112	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	78
2	17-Pentatriacontene	491	C35H70	006971-40-0	72
3	Cycloeicosane	280	C20H40	000296-56-0	72
4	1-Docosene	308	C22H44	001599-67-3	72
5	1-Pentadecene	210	C15H30	013360-61-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

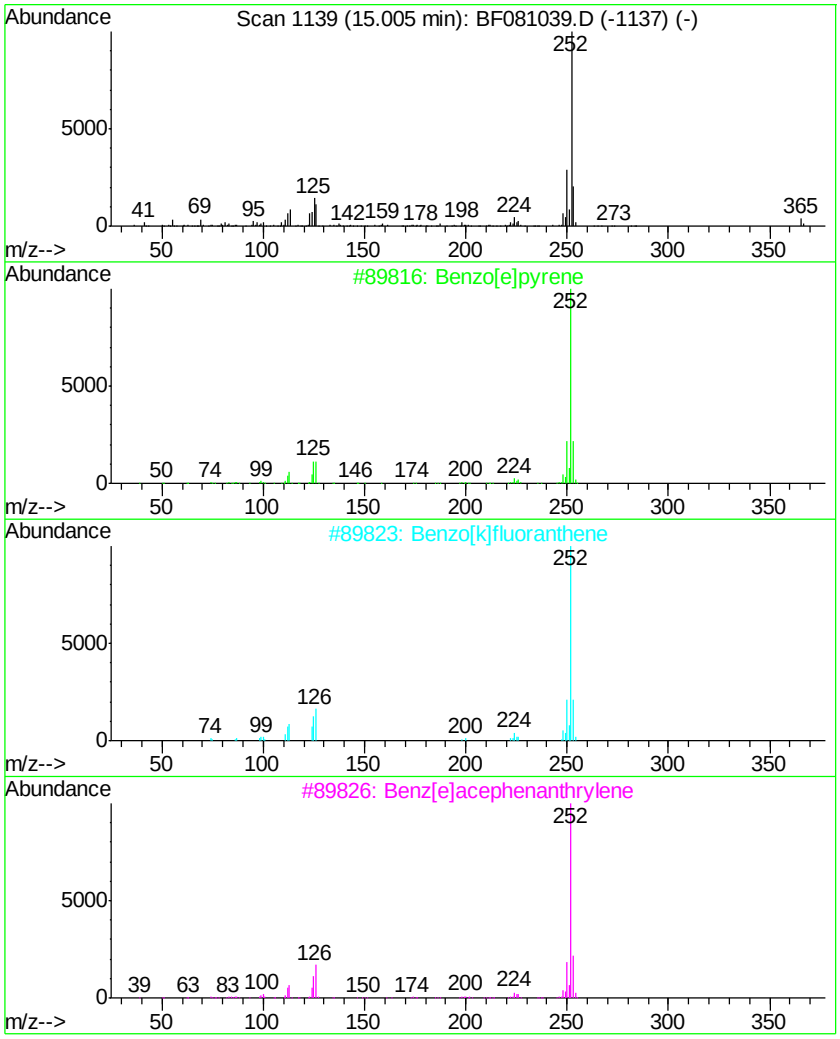
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

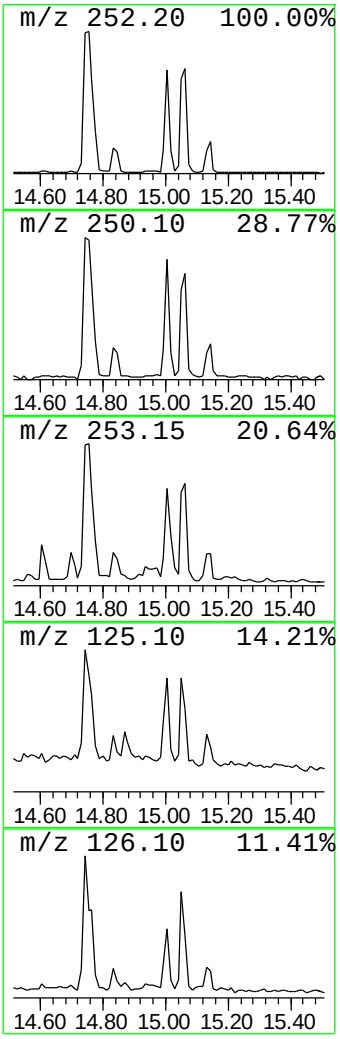
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	7.20 ng	157104	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

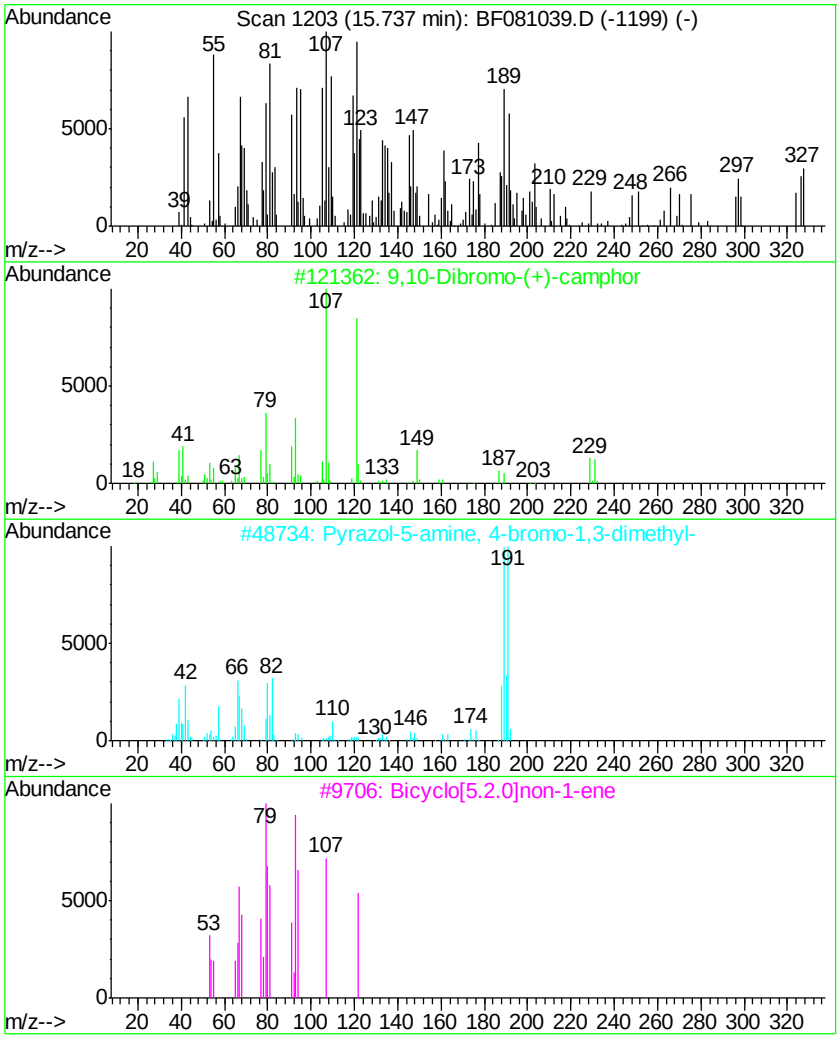
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

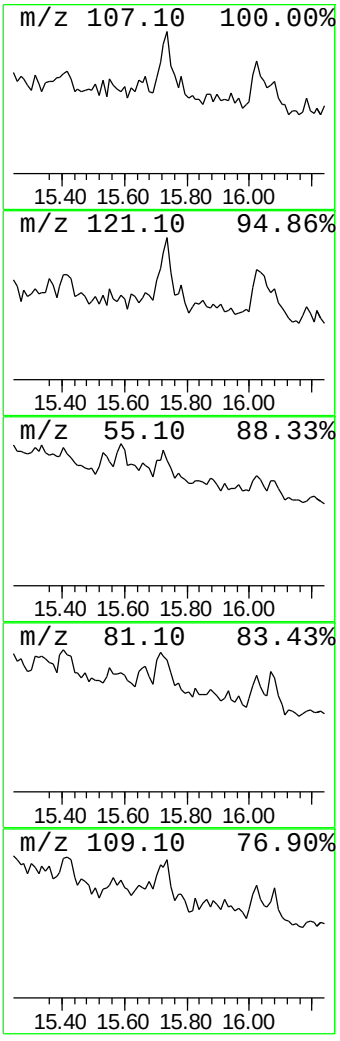
****

Peak Number 13 unknown15.74 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	7.25 ng	158262	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dibromo-(+)-camphor	308	C10H14Br2O	085706-53-2	22
2	Pyrazol-5-amine, 4-bromo-1,3-dim...	189	C5H8BrN3	019848-99-8	20
3	Bicyclo[5.2.0]non-1-ene	122	C9H14	065811-17-8	15
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	15
5	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	15





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

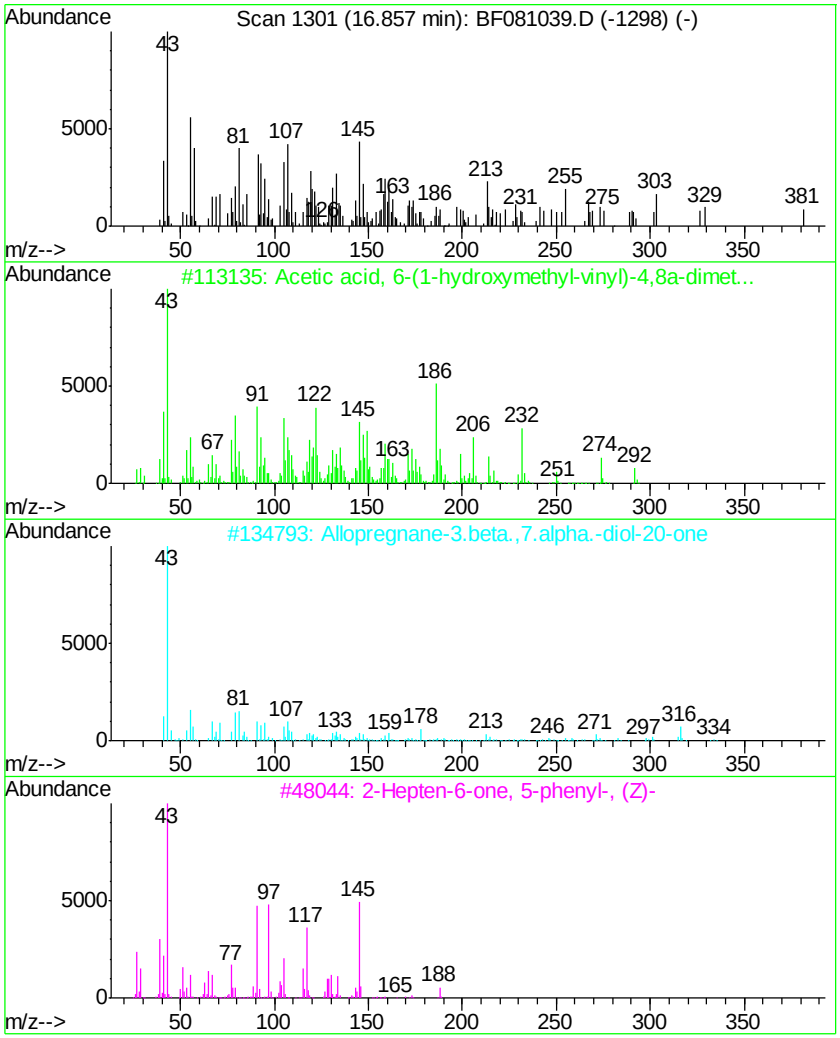
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

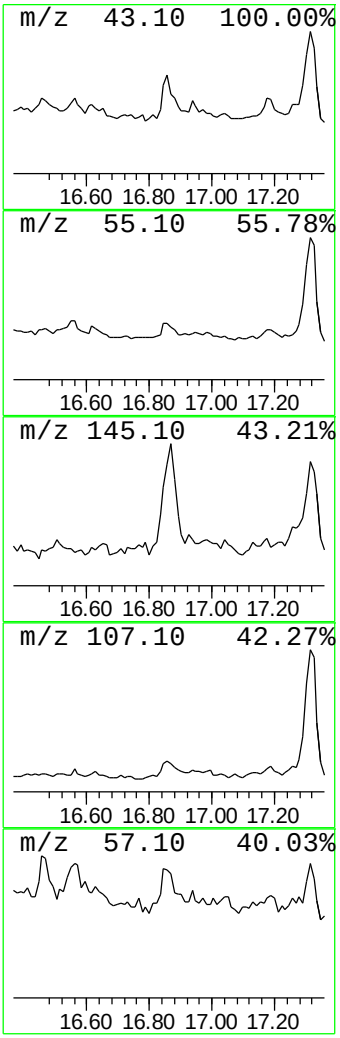
****

Peak Number 14 unknown16.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	8.81 ng	192278	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 6-(1-hydroxymethyl-...	292	C17H24O4	1000194-57-5	32
2	Allopregnane-3.beta.,7.alpha.-di...	334	C21H34O3	000566-20-1	12
3	2-Hepten-6-one, 5-phenyl-, (Z)-	188	C13H16O	040931-42-8	11
4	Retinol, acetate	328	C22H32O2	000127-47-9	10
5	Ethanethioic acid, S-octyl ester	188	C10H20OS	002432-34-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

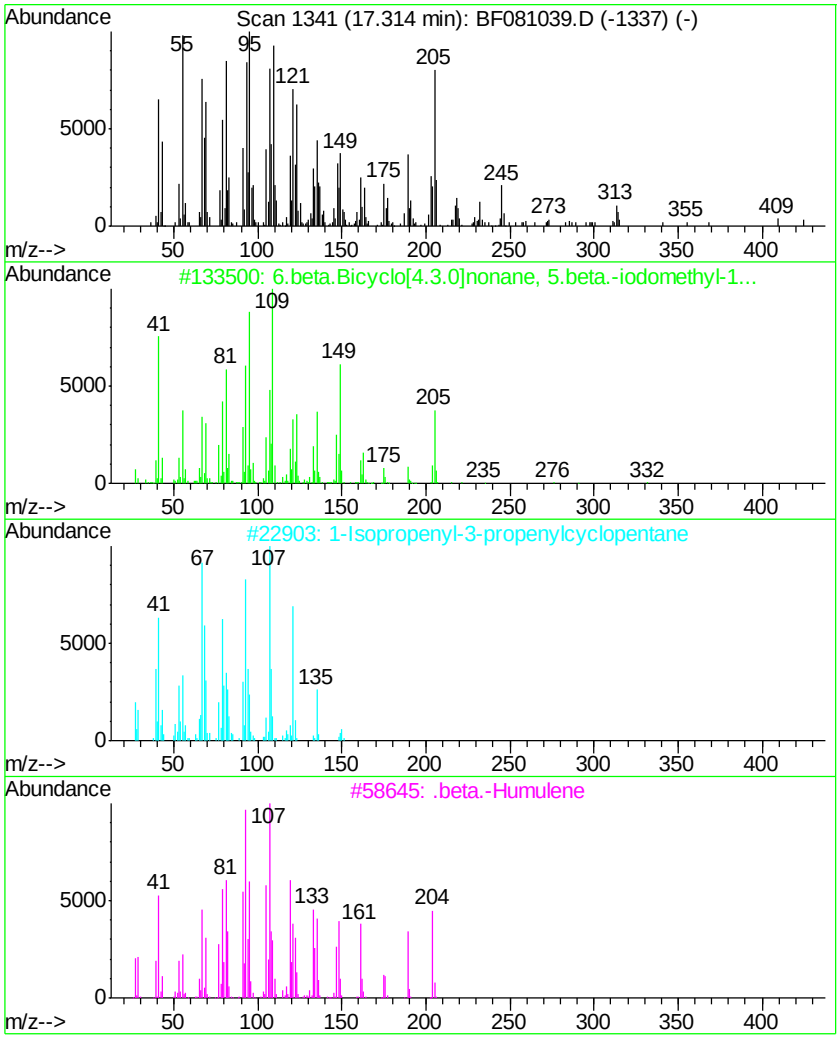
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

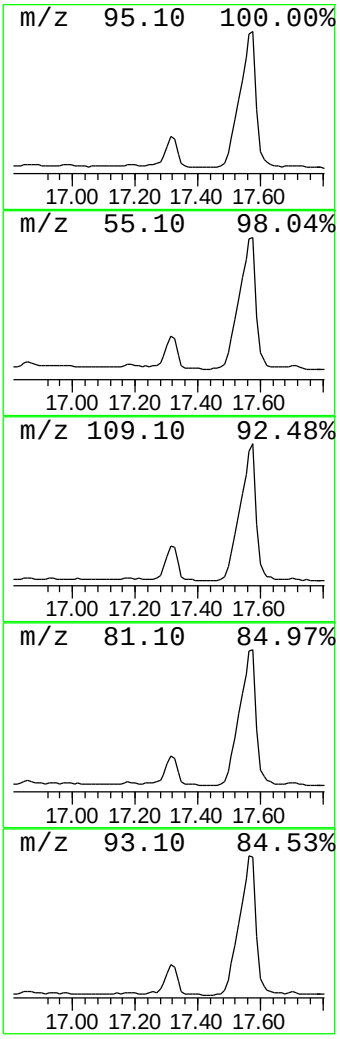
****

Peak Number 15 6.beta.Bicyclo[4.3.0]nonane... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	55.19 ng	1204580	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	50
2	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	49
3	.beta.-Humulene	204	C15H24	000116-04-1	49
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	46
5	Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

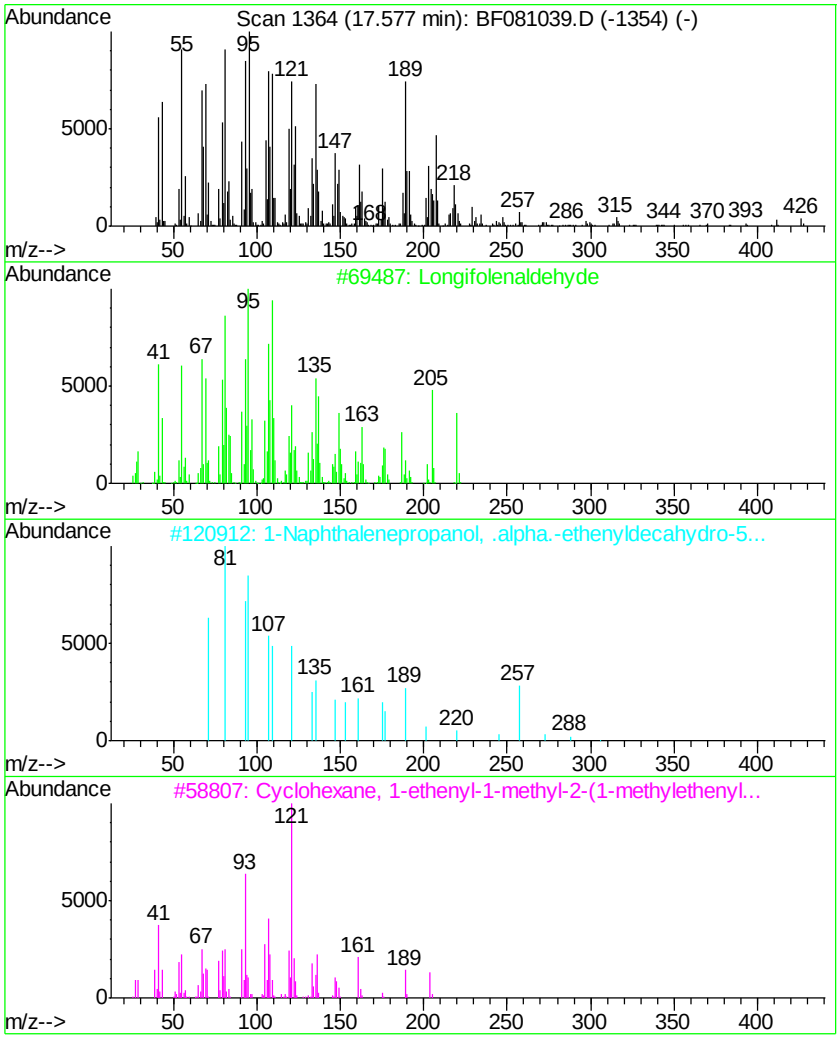
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

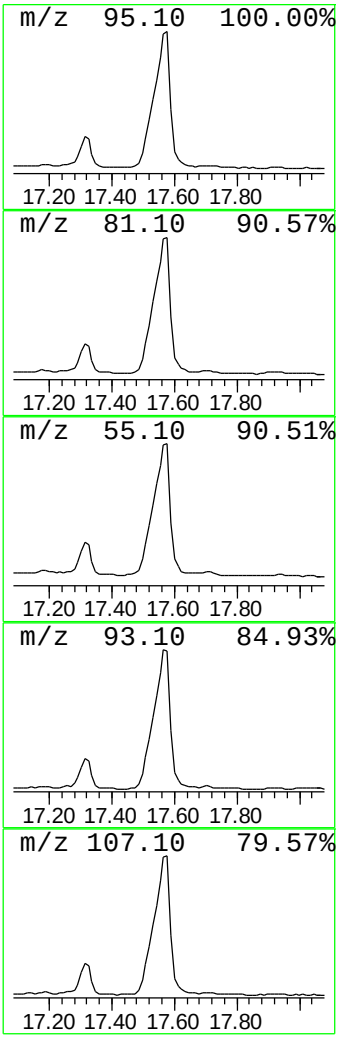
****

Peak Number 16 Longifolenaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	378.09 ng	8251540	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolenaldehyde	220	C15H24O	019890-84-7	50
2	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	49
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
4	1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	46
5	.gamma.-Elemene	204	C15H24	030824-67-0	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

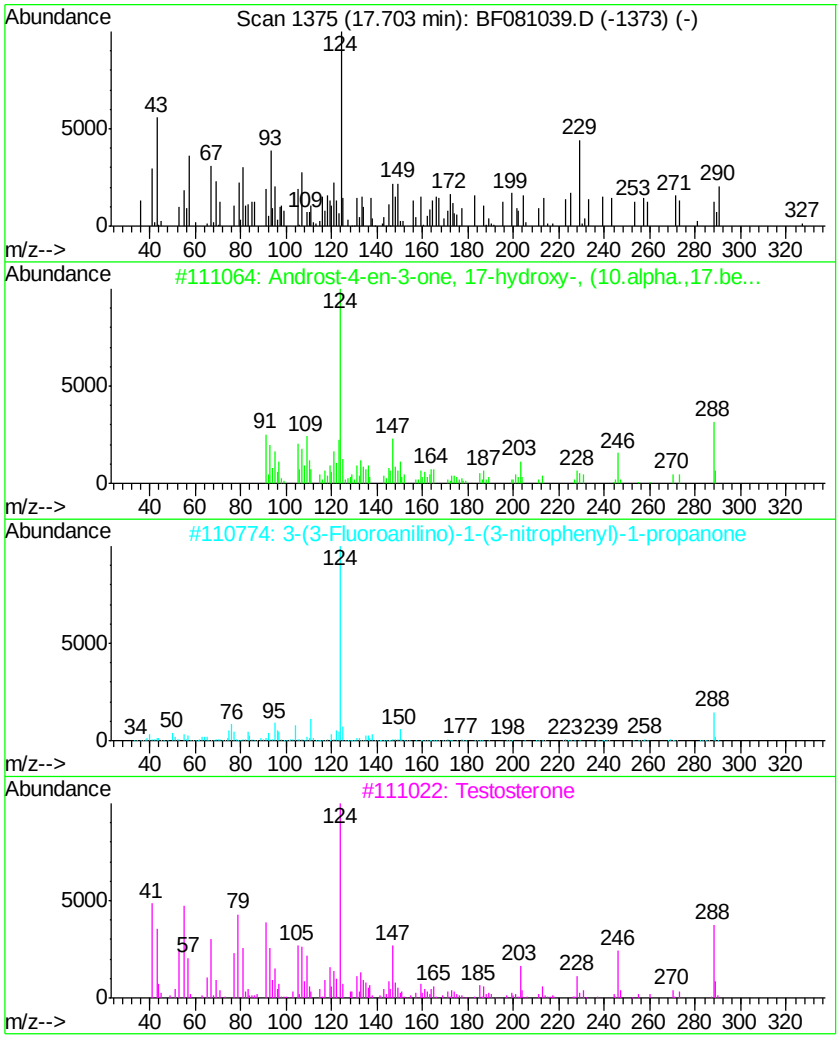
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

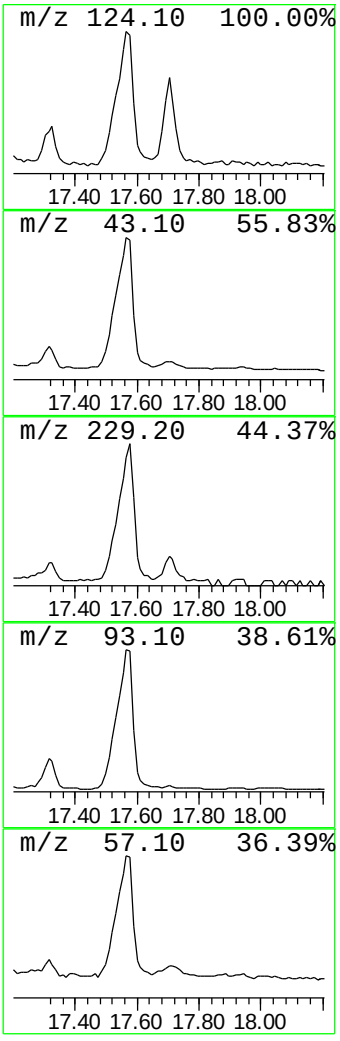
****

Peak Number 17 unknown17.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	7.26 ng	158455	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	46
2	3-(3-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	300726-64-1	27
3	Testosterone	288	C19H28O2	000058-22-0	27
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	25
5	Piperidine, 1-cyclohexyl-	167	C11H21N	003319-01-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

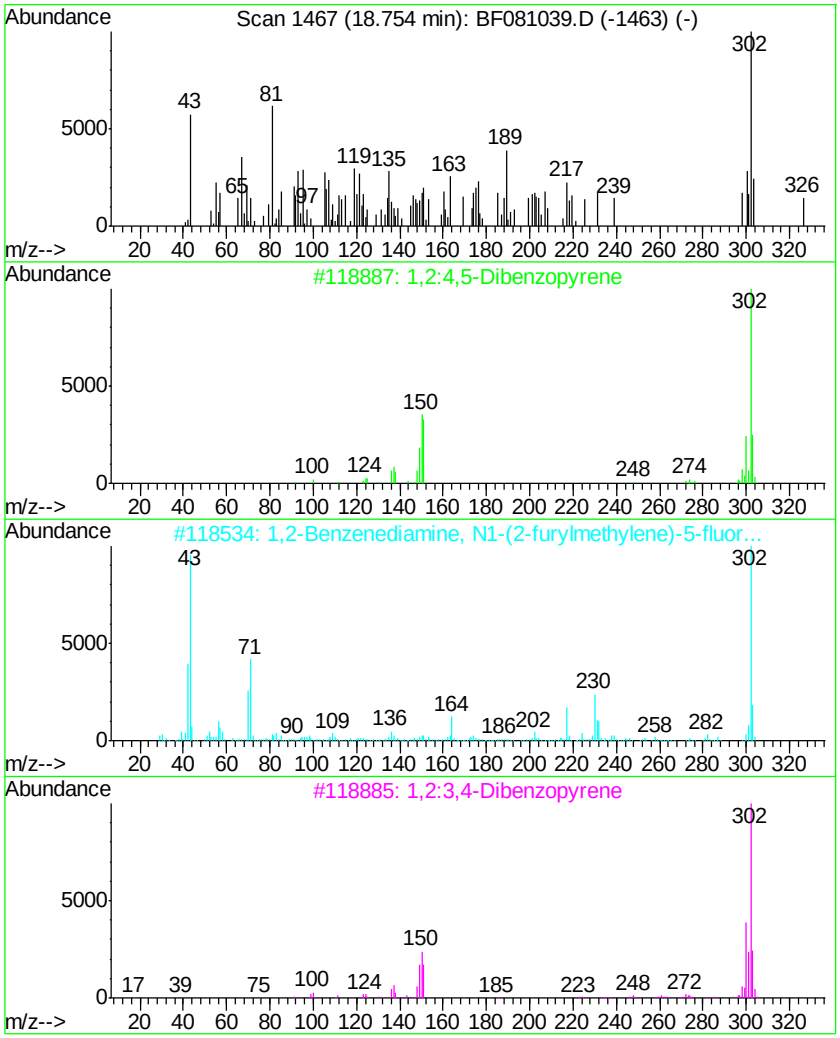
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

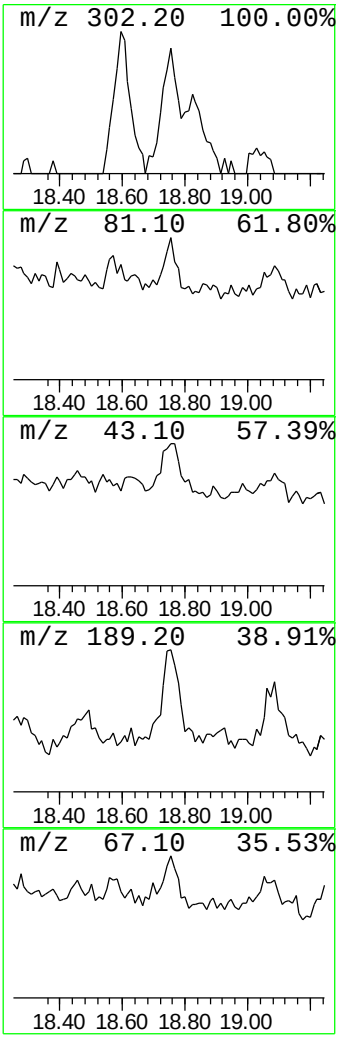
****

Peak Number 18 unknown18.75 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	7.14 ng	155849	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	46
2	1,2-Benzenediamine, N1-(2-furylm...	302	C16H19FN4O	174468-57-6	43
3	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	41
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	38
5	2,4-Quinazolinediamine, 6-((4-ch...	302	C14H11ClN4S	051124-29-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

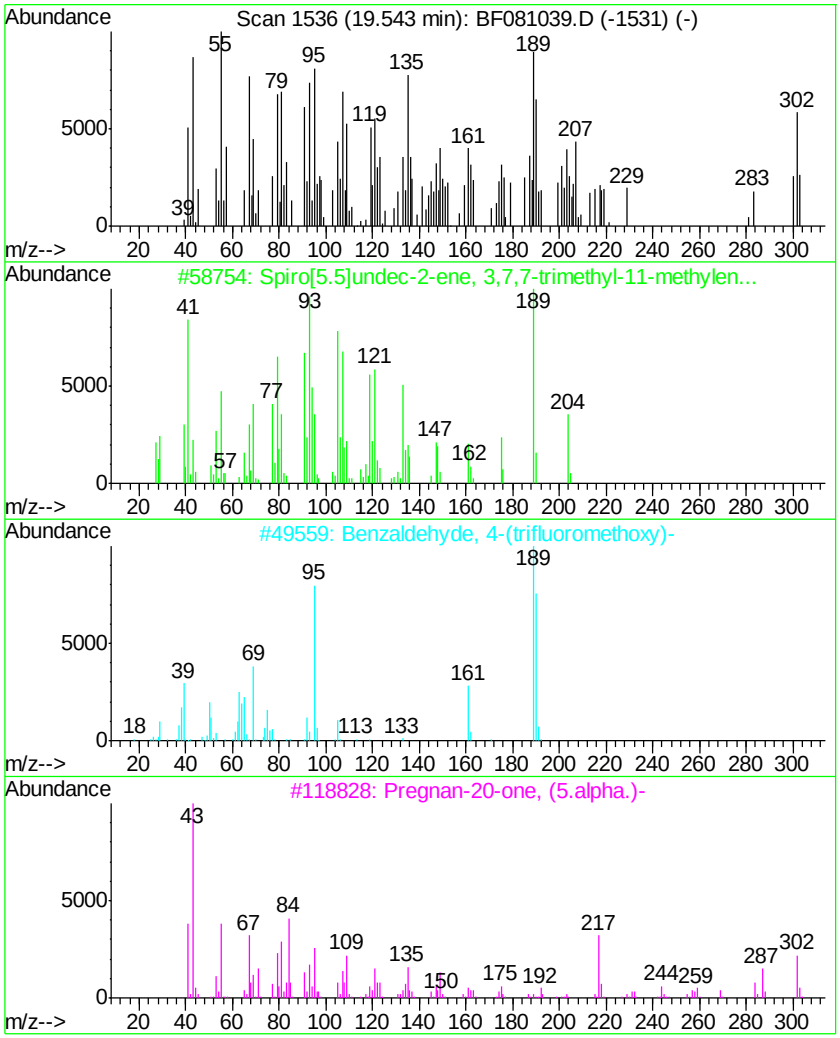
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

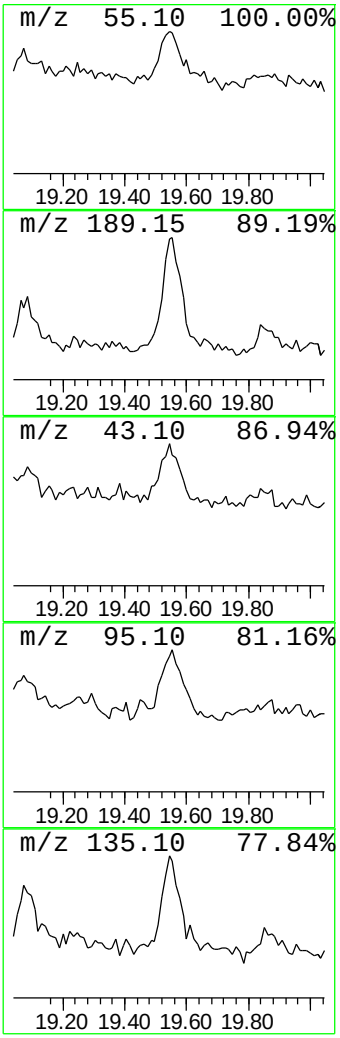
****

Peak Number 19 Spiro[5.5]undec-2-ene, 3,7,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	15.12 ng	329949	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	55
2	Benzaldehyde, 4-(trifluoromethoxy)-	190	C8H5F3O2	000659-28-9	30
3	Pregnan-20-one, (5.alpha.)-	302	C21H34O	000848-62-4	25
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	11
5	Pregnan-20-one, (5.alpha.,17.alp...	302	C21H34O	007704-90-7	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

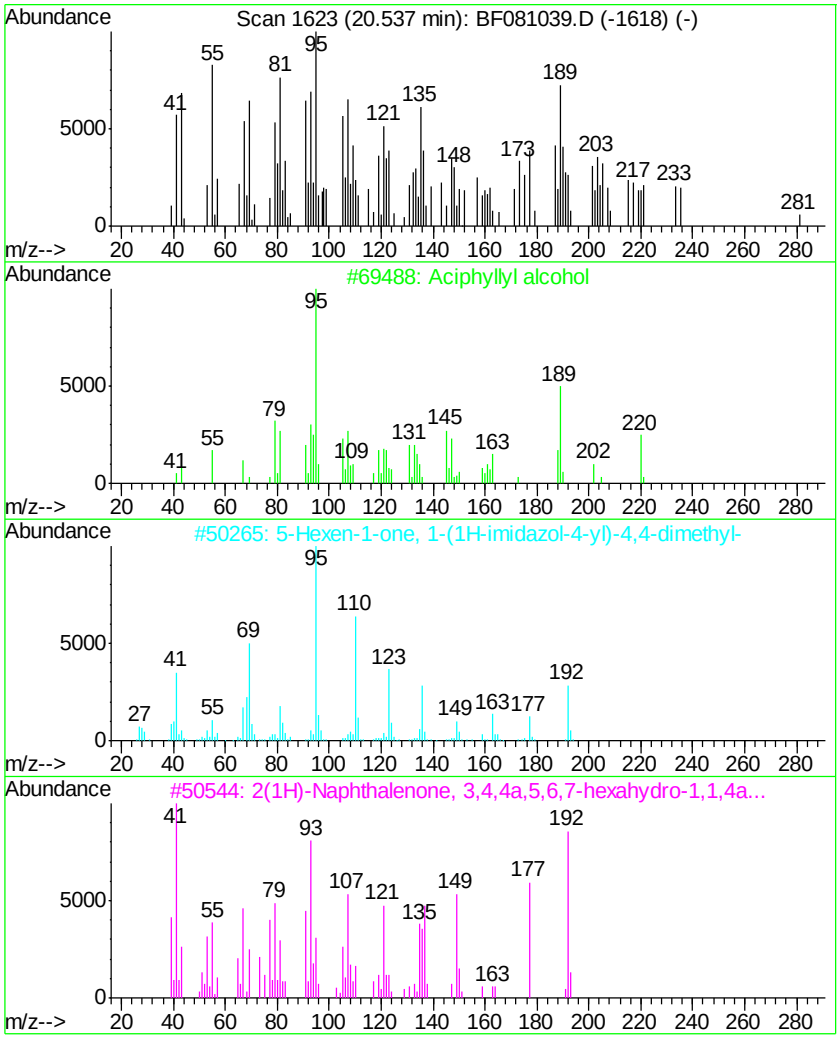
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

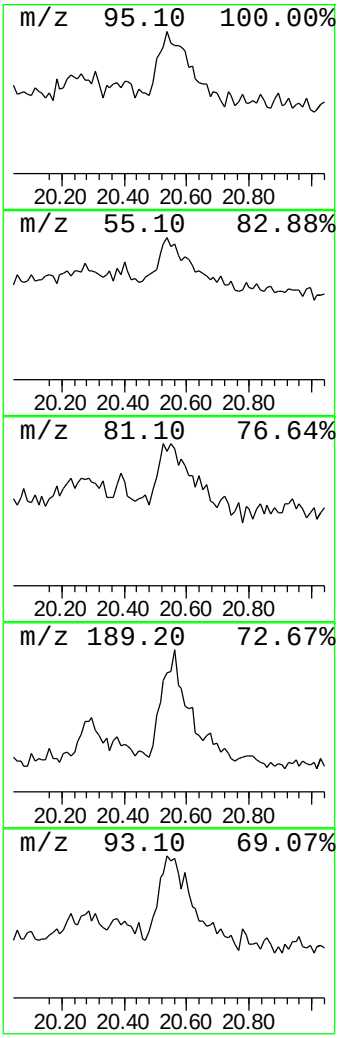
****

Peak Number 20 unknown20.54 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	12.97 ng	283124	Perylene-d12	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aciphyllyl alcohol	220	C15H24O	087745-29-7	25
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	25
3	2(1H)-Naphthalenone, 3,4,4a,5,6,...	192	C13H20O	004668-61-5	20
4	Glaucyl alcohol	220	C15H24O	087745-32-2	15
5	Isobornyl thiocyanoacetate	253	C13H19NO2S	000115-31-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
2-Pentanone, 4-hy...	4.74	13.4	ng	245719	1	6.63	367266	20.0
unknown6.39	6.39	23.0	ng	421720	1	6.63	367266	20.0
Anthracene, 1-met...	11.63	3.1	ng	152933	4	11.13	971197	20.0
n-Hexadecanoic acid	11.69	7.7	ng	373213	4	11.13	971197	20.0
Naphthalene, 2-ph...	11.93	2.3	ng	110479	4	11.13	971197	20.0
Pyrene, 1-methyl-	12.89	2.4	ng	161750	5	13.76	1369370	20.0
Trifluoroacetic a...	13.63	5.3	ng	360714	5	13.76	1369370	20.0
1-Tricosene	14.26	7.1	ng	485888	5	13.76	1369370	20.0
cis-1-Chloro-9-oc...	14.87	7.2	ng	156112	6	15.11	436487	20.0
Benzo[e]pyrene	15.01	7.2	ng	157104	6	15.11	436487	20.0
unknown15.74	15.74	7.3	ng	158262	6	15.11	436487	20.0
unknown16.86	16.86	8.8	ng	192278	6	15.11	436487	20.0
6.beta.Bicyclo[4....	17.31	55.2	ng	1204580	6	15.11	436487	20.0
Longifolenaldehyde	17.58	378.1	ng	8251540	6	15.11	436487	20.0
unknown17.70	17.70	7.3	ng	158455	6	15.11	436487	20.0
unknown18.75	18.75	7.1	ng	155849	6	15.11	436487	20.0
Spiro[5.5]undec-2...	19.54	15.1	ng	329949	6	15.11	436487	20.0
unknown20.54	20.54	13.0	ng	283124	6	15.11	436487	20.0