LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

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-BF052615.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	1.564	32	33	40	rVV	203045	320975	6.58%	0.966%
2	1.667	40	42	74	rVB	2576124	4878067	100.00%	14.687%
3	4.673	303	305	313	rVB	59580	86943	1.78%	0.262%
4	5.244	352	355	365	rBV	891461	1319047	27.04%	3.971%
5	6.559	468	470	478	rBV	1205830	1381057	28.31%	4.158%
6	6.673	478	480	483	rBV	1141187	1428163	29.28%	4.300%
7	6.959	503	505	508	rBV	409778	400798	8.22%	1.207%
8	7.142	519	521	524	rBV	821764	960353	19.69%	2.891%
9	7.656	564	566	569	rBV	613857	835579	17.13%	2.516%
10	8.536	641	643	646	rBV	572215	574999	11.79%	1.731%
11	9.885	759	761	764	rBV	1499494	1418800	29.09%	4.272%
12	10.399	802	806	808	rBV	99341	105068	2.15%	0.316%
13	10.525	815	817	820	rBV	61664	87939	1.80%	0.265%
14	10.708	830	833	835	rVV	556655	641068	13.14%	1.930%
15	10.742	835	836	838	rVB	77086	63888	1.31%	0.192%
16	11.382	890	892	895	rVB	76048	73352	1.50%	0.221%
17	11.679	916	918	921	rBV2	900307	1126547	23.09%	3.392%
18	11.896	935	937	940	rBV2	28254	56658	1.16%	0.171%
19	12.228	963	966	970	rVV5	17645	50820	1.04%	0.153%
20	12.536	990	993	994	rBV	677242	644457	13.21%	1.940%
21	12.571	994	996	998	rVV	561251	748337	15.34%	2.253%
22	12.628	998	1001	1004	rVV	248137	267279	5.48%	0.805%
23	12.845	1018	1020	1022	rBV	78727	86032	1.76%	0.259%
24	13.165	1046	1048	1049	rBV	107589	106091	2.17%	0.319%
25	13.199	1049	1051	1053	rVV	137832	150194	3.08%	0.452%
26	13.291	1053	1059	1066	rVB4	207245	523032	10.72%	1.575%
27	13.542	1079	1081	1082	rVV	73143	83831	1.72%	0.252%
28	13.565	1082	1083	1086	rVB	56445	60113	1.23%	0.181%
29	13.851	1105	1108	1109	rBV	68931	99720	2.04%	0.300%
30	13.885	1109	1111	1113	rVV2	45851	80152	1.64%	0.241%
31	13.954	1115	1117	1122	rVB2	43975	93638	1.92%	0.282%
32	14.034	1122	1124	1126	rBV	1253313	1329861	27.26%	4.004%
33	14.091	1126	1129	1130	rVV3	47117	63808	1.31%	0.192%
34	14.148	1133	1134	1137	rVB	45262	59278	1.22%	0.178%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.217	1137	1140	1142	rBV	71909	91923	1.88%	0.277%
36	14.308	1145	1148	1150	rBV	1040566	1302426	26.70%	3.921%
37	14.377	1152	1154	1156	rVB2	30935	53482	1.10%	0.161%
38	14.479	1161	1163	1164	rBV	65412	85951	1.76%	0.259%
39	14.525	1164	1167	1170	rBV	1536807	1808690	37.08%	5.446%
40	14.605	1170	1174	1176	rBV2	67745	130873	2.68%	0.394%
41	14.731	1183	1185	1187	rVB	180521	218423	4.48%	0.658%
42	14.811	1190	1192	1194	rVV	122270	155068	3.18%	0.467%
43	14.857	1194	1196	1201	rVB2	142771	234512	4.81%	0.706%
44	14.971	1204	1206	1207	rBV	54628	61898	1.27%	0.186%
45	15.005	1207	1209	1212	rBV	55766	85203	1.75%	0.257%
46	15.154	1220	1222	1224	rVB	48256	73642	1.51%	0.222%
47	15.268	1224	1232	1234	rBV3	47035	173193	3.55%	0.521%
48	15.360	1237	1240	1244	rVV2	72269	130863	2.68%	0.394%
49	15.497	1250	1252	1253	rBV	106390	130982	2.69%	0.394%
50	15.531	1253	1255	1258	rVV2	112333	214000	4.39%	0.644%
51	15.577	1258	1259	1262	rVV2	57436	93606	1.92%	0.282%
52	15.622	1262	1263	1266	rVB	90025	99831	2.05%	0.301%
53	15.702	1267	1270	1273	rBV2	293118	373361	7.65%	1.124%
54	15.805	1274	1279	1281	rBV2	949443	1785881	36.61%	5.377%
55	15.840	1281	1282	1284	rVV	577824	505613	10.37%	1.522%
56	15.931	1287	1290	1292	rBV2	117895	166498	3.41%	0.501%
57	16.068	1300	1302	1303	rVB	59284	70561	1.45%	0.212%
58	16.102	1303	1305	1310	rBV4	70715	133680	2.74%	0.402%
59	16.251	1316	1318	1319	rBV2	54491	71614	1.47%	0.216%
60	16.297	1320	1322	1324	rVB	121571	148433	3.04%	0.447%
61	16.445	1333	1335	1338	rBV4	43677	106885	2.19%	0.322%
62	16.503	1338	1340	1342	rVB3	91617	123222	2.53%	0.371%
63	17.063	1386	1389	1394	rBV	652515	1336707	27.40%	4.025%
64	17.177	1397	1399	1401	rVB	142949	177047	3.63%	0.533%
65	17.371	1414	1416	1419	rBV	340668	419482	8.60%	1.263%
66	17.428	1419	1421	1424	rBV	560349	620912	12.73%	1.869%
67	17.485	1424	1426	1431	rBV2	598121	956843	19.62%	2.881%
68	18.777	1536	1539	1544	rVB2	251345	504150	10.34%	1.518%
69	19.143	1568	1571	1575	rBV	199810	362537	7.43%	1.092%

Sum of corrected areas: 33213936

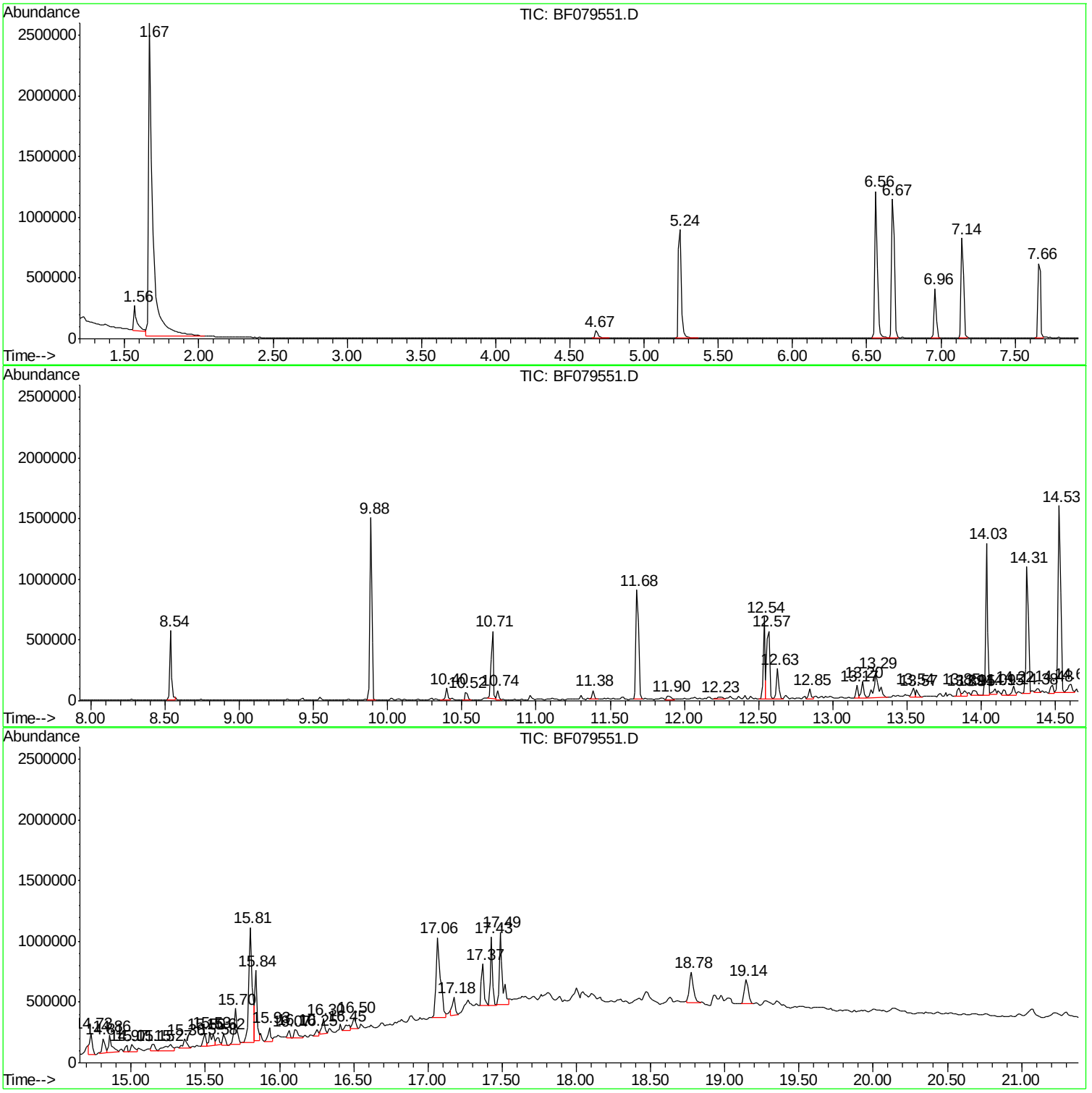
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

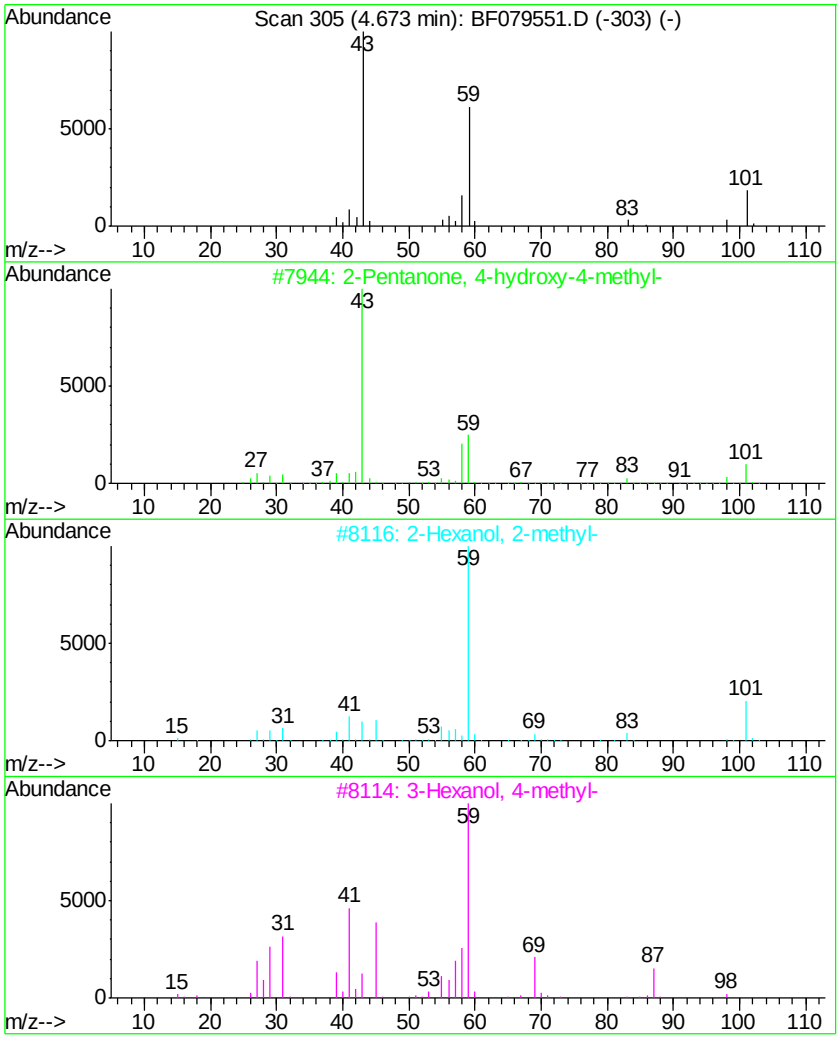
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

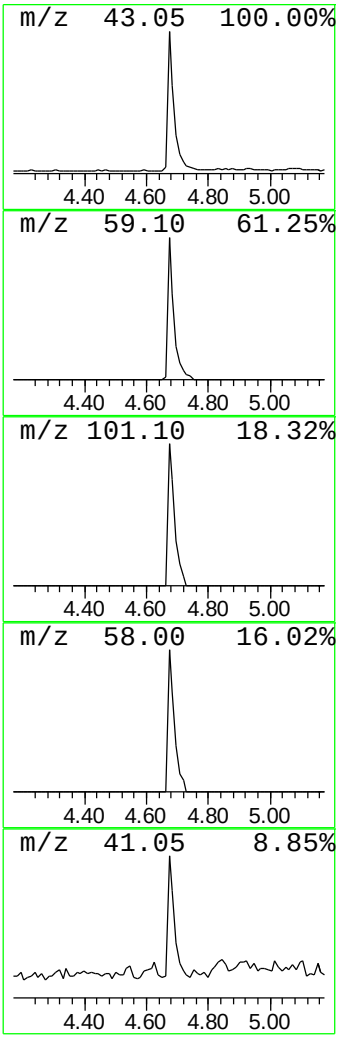
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	4.34 ng	86943	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	6-Nitrohexan-2-ol	147	C6H13NO3	062224-53-7	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

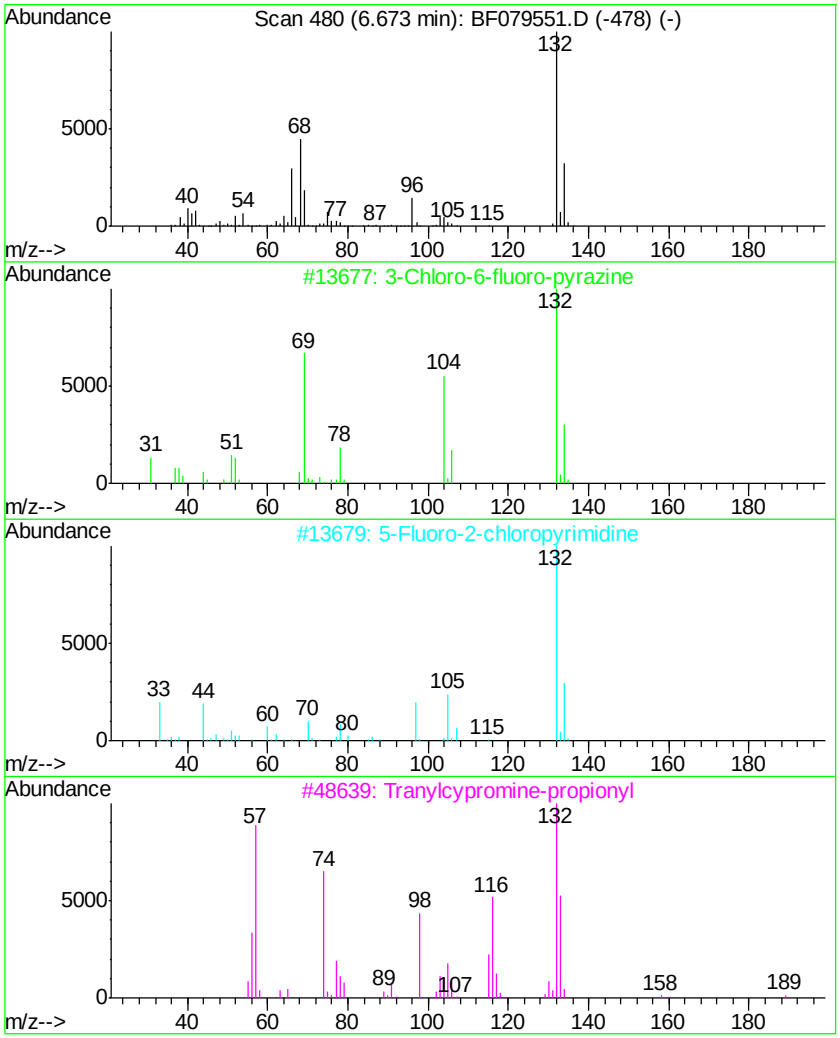
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

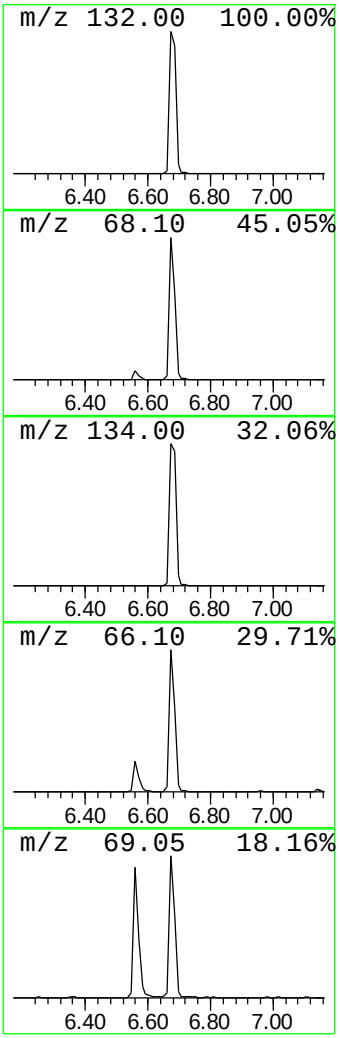
****

Peak Number 4 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	71.27 ng	1428160	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

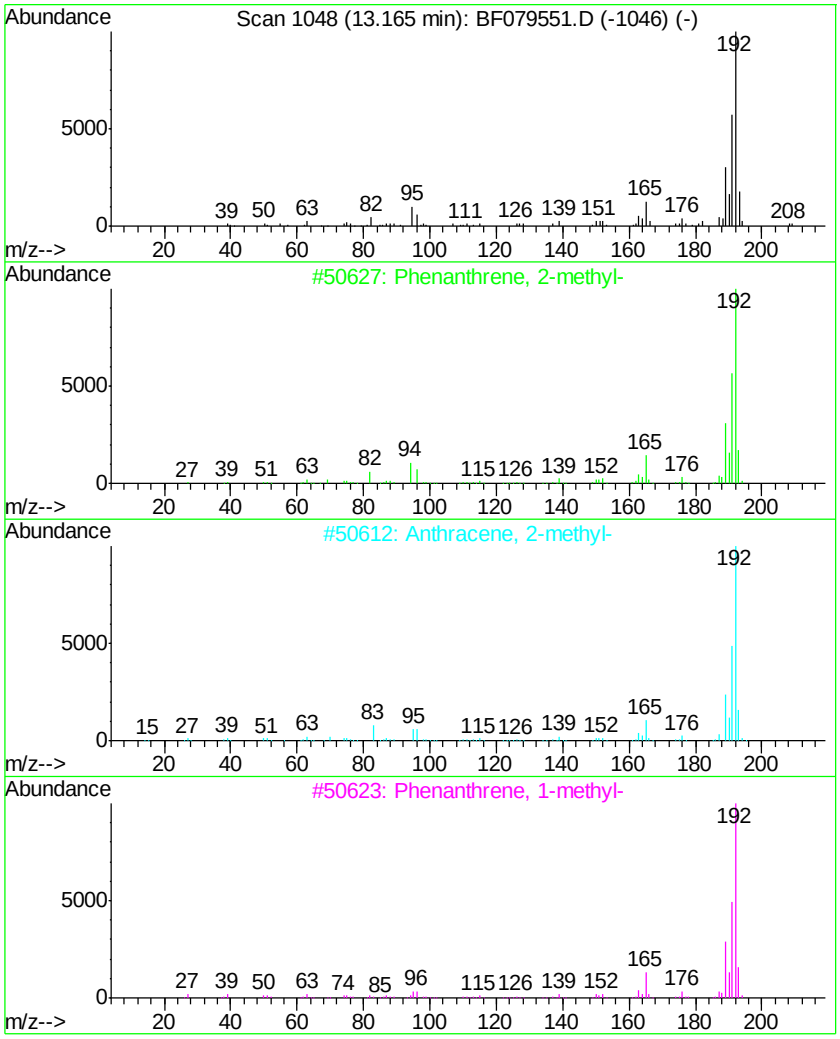
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

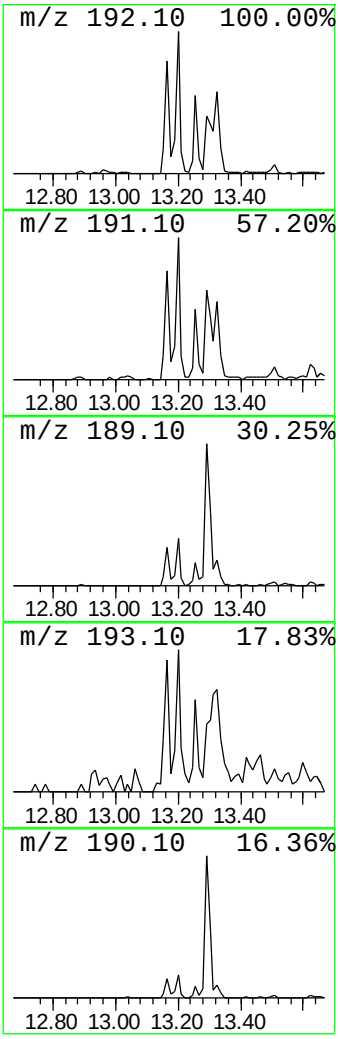
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.29 ng	106091	Phenanthrene-d10	12.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

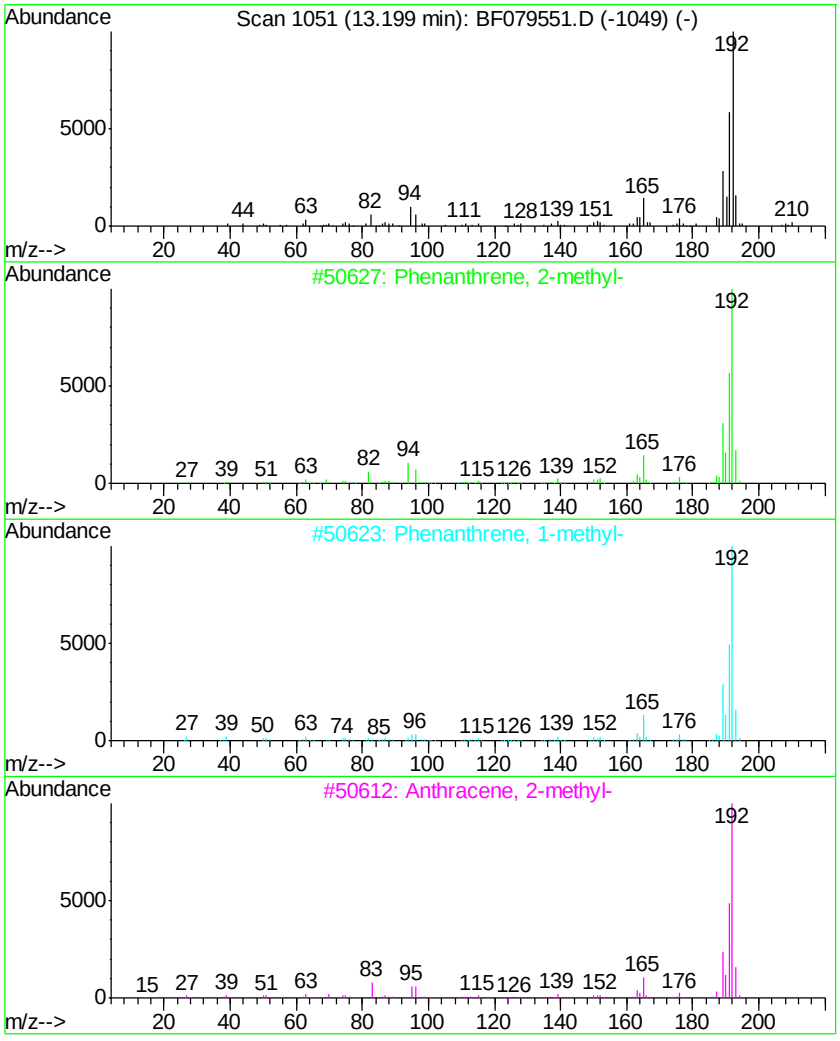
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

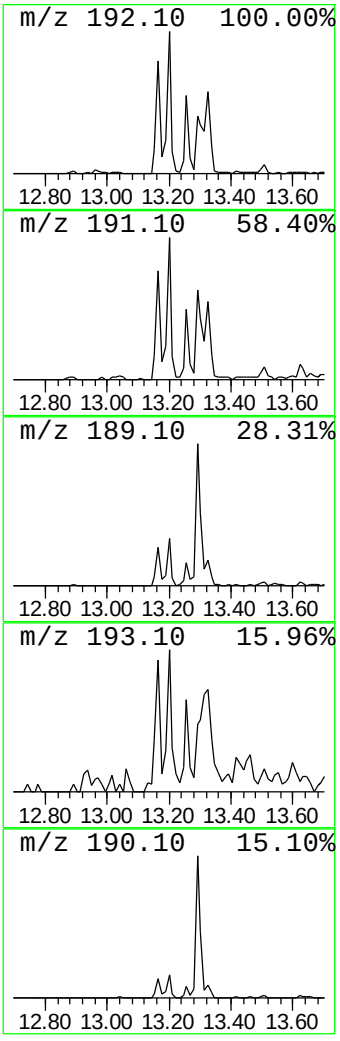
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.66 ng	150194	Phenanthrene-d10	12.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

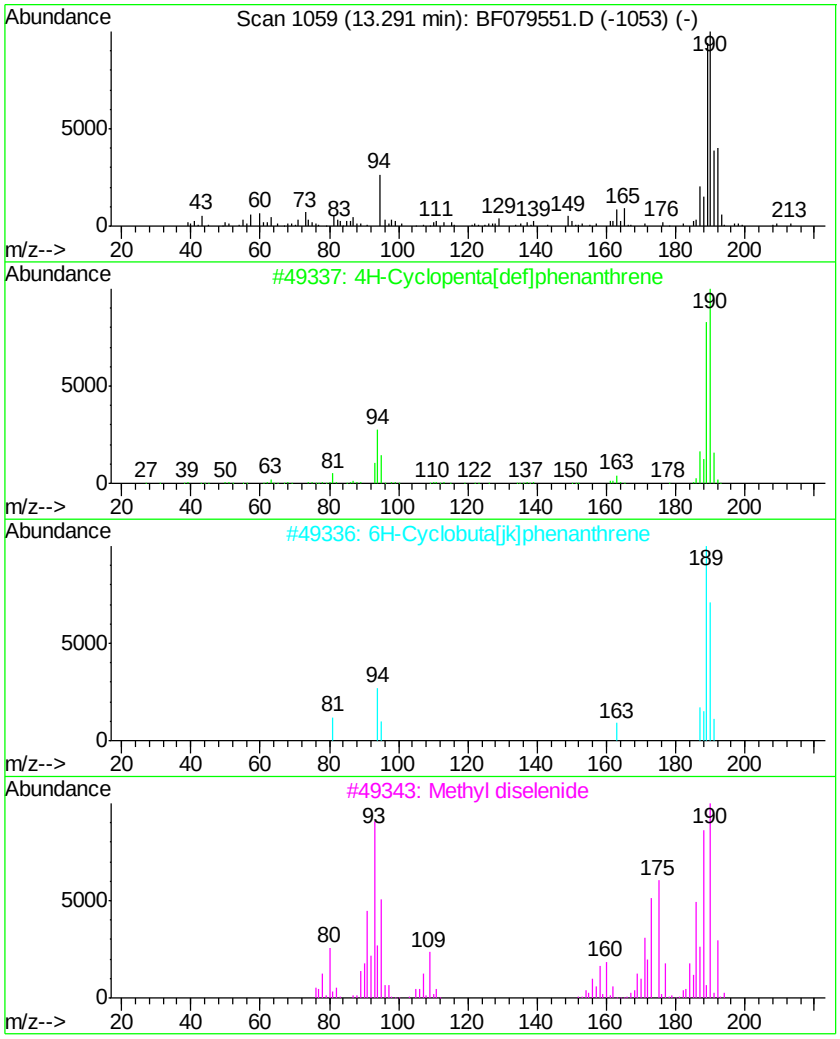
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

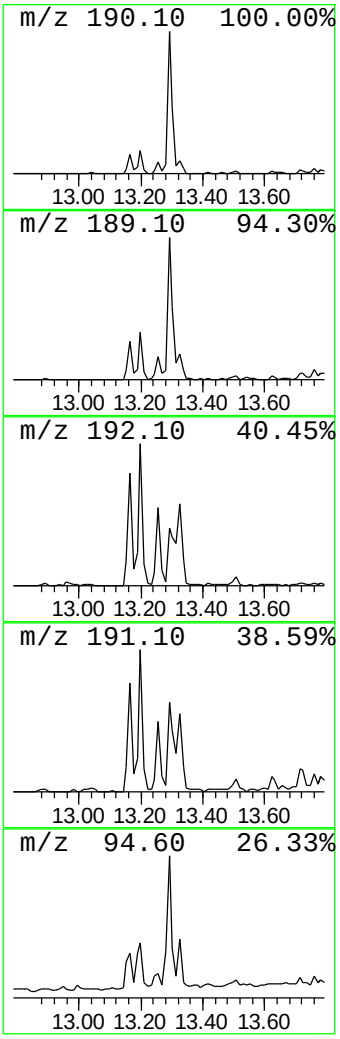
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	16.23 ng	523032	Phenanthrene-d10	12.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	25
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

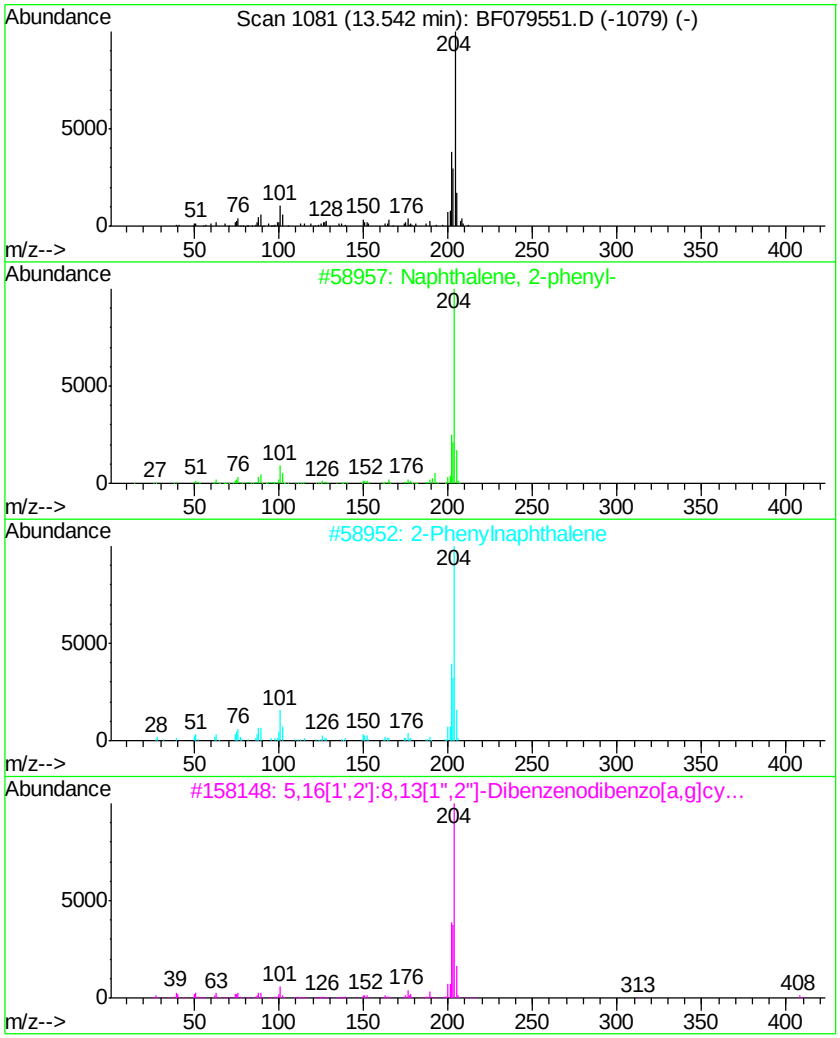
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

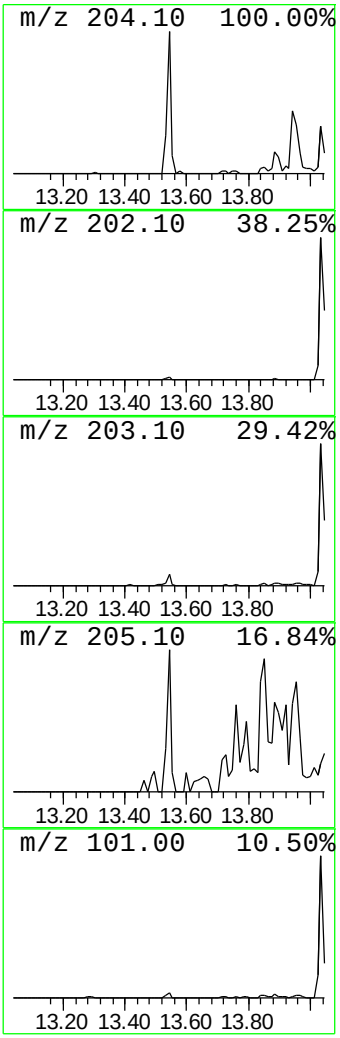
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.60 ng	83831	Phenanthrene-d10	12.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

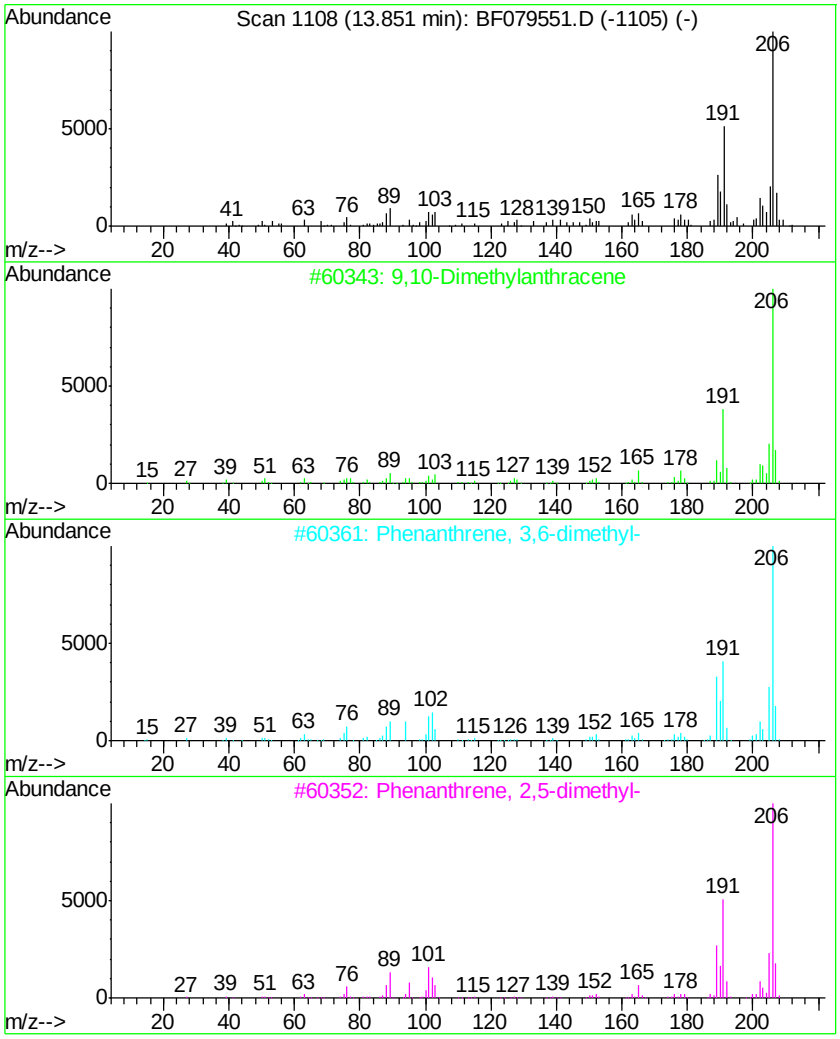
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

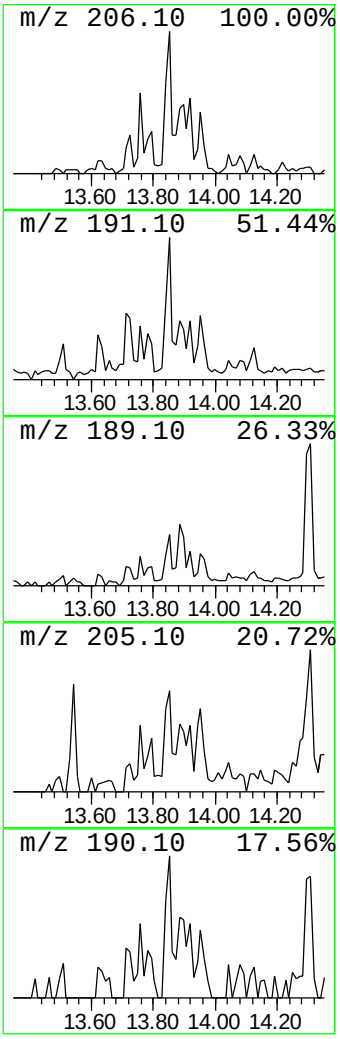
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.09 ng	99720	Phenanthrene-d10	12.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

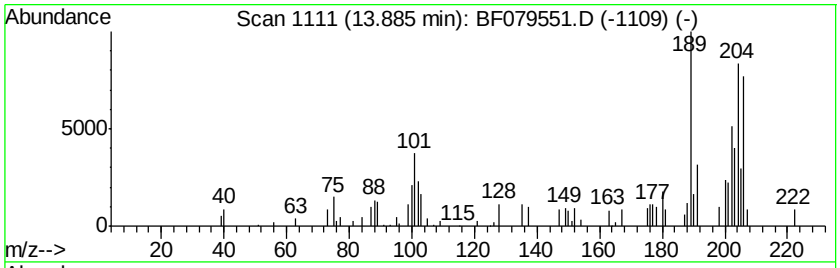
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

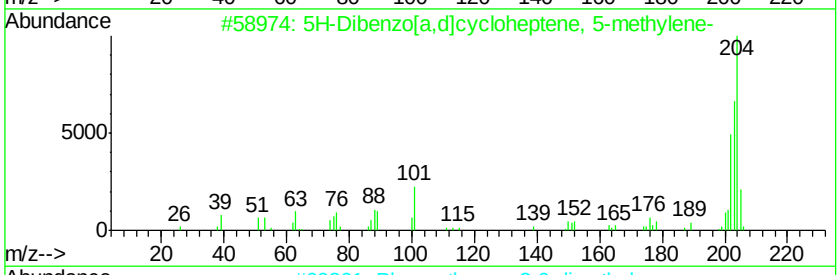
****

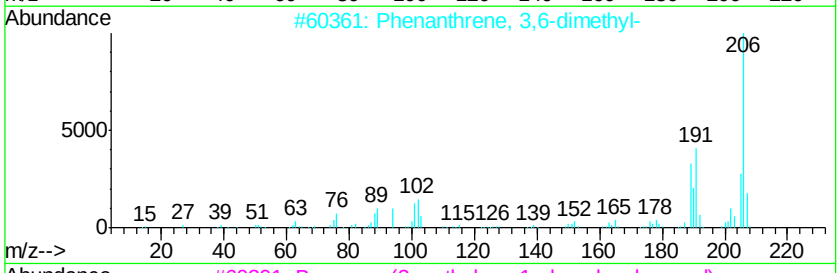
Peak Number 11 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 16

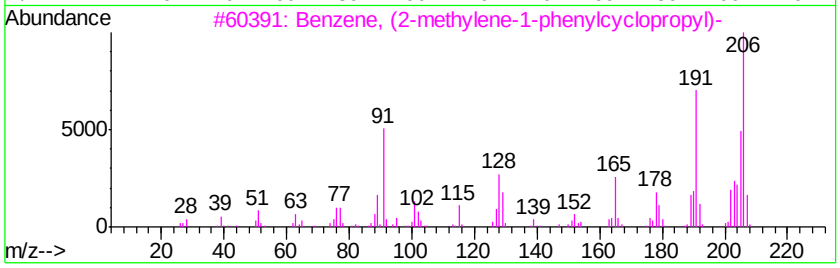
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.49 ng	80152	Phenanthrene-d10	12.54

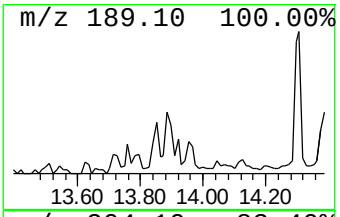
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	51
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	22
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	20
4	5H-Thiazolo[2,3-b]quinazolin-5-o...	204	C10H8N2OS	016024-88-7	18
5	4,7-Dimethoxy-2-methylindan-1-one	206	C12H14O3	061227-52-9	15

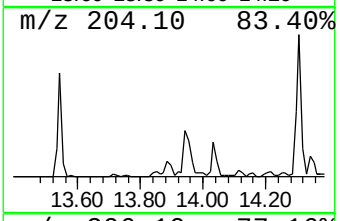


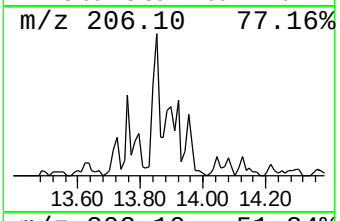


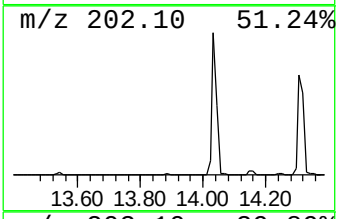


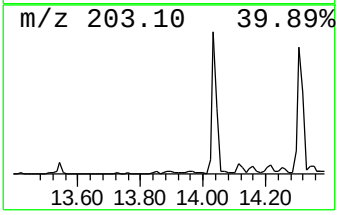












Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

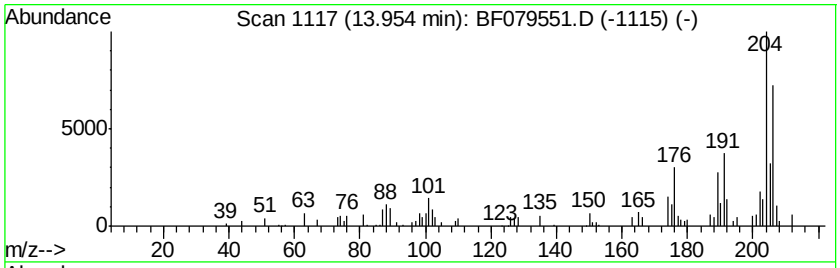
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

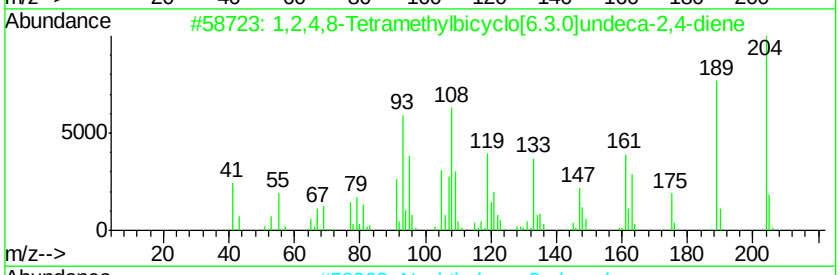
****

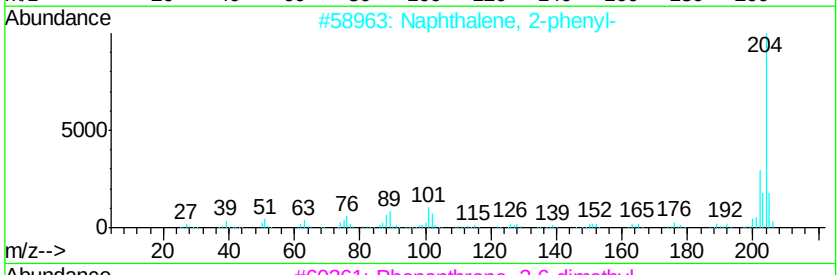
Peak Number 12 unknown13.95 Concentration Rank 13

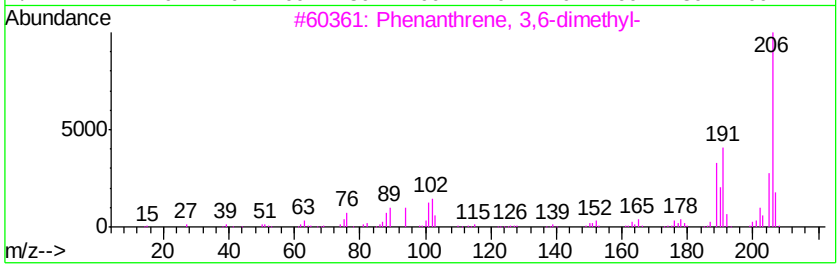
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.91 ng	93638	Phenanthrene-d10	12.54

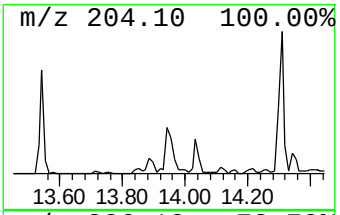
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	43
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	43

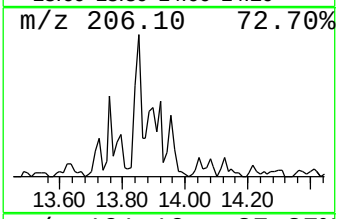


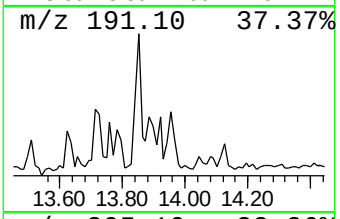


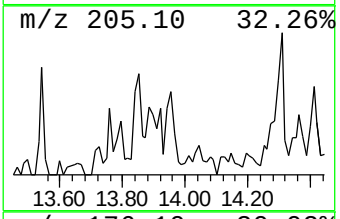


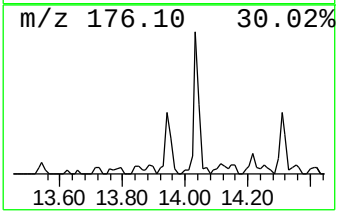












Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

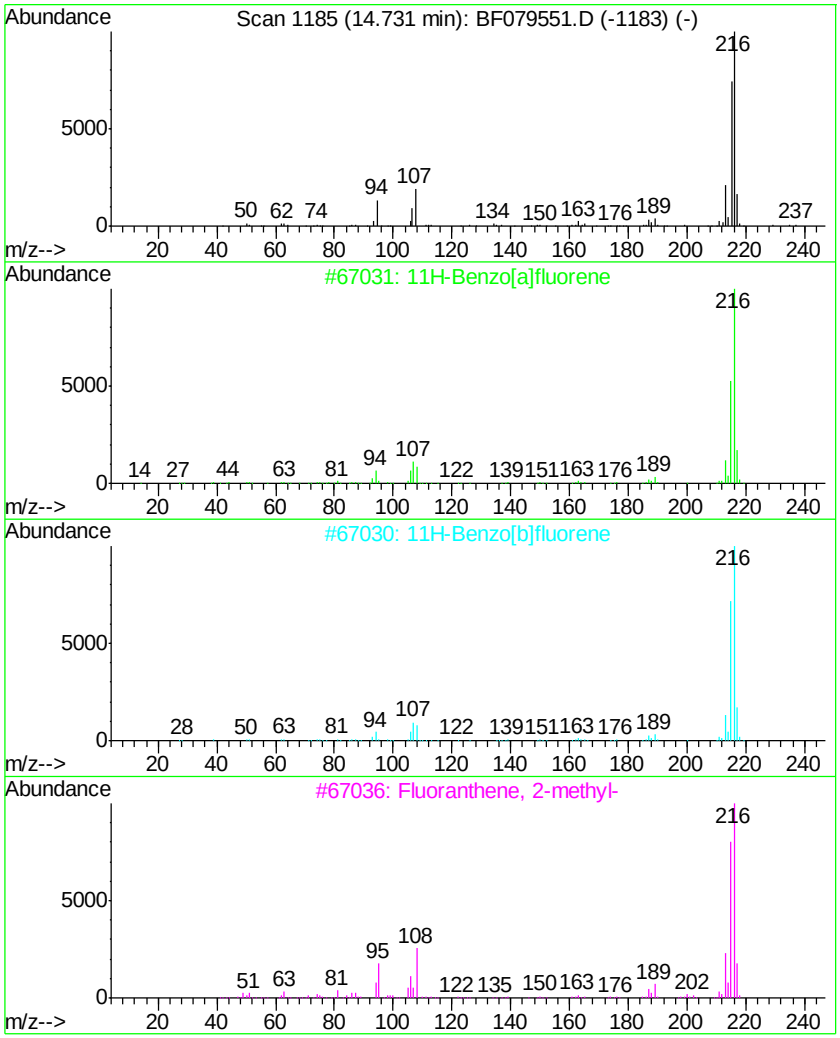
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

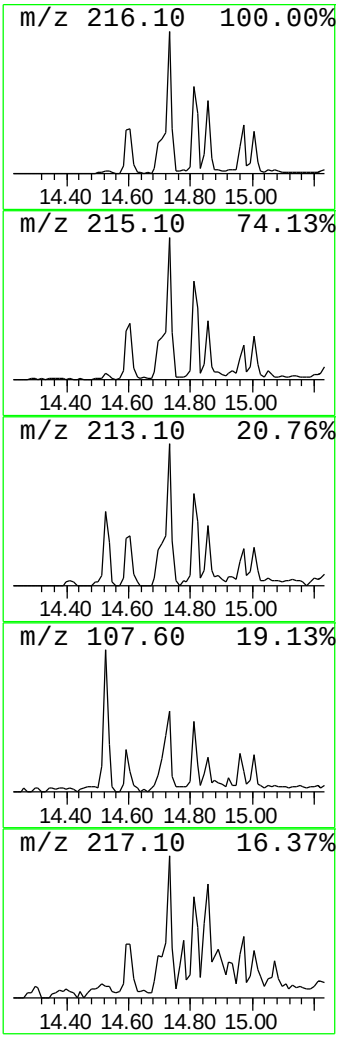
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.45 ng	218423	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	2-[3-Pyridylmethylene-3-quinucl...	216	C13H16N2O	273748-56-4	59
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

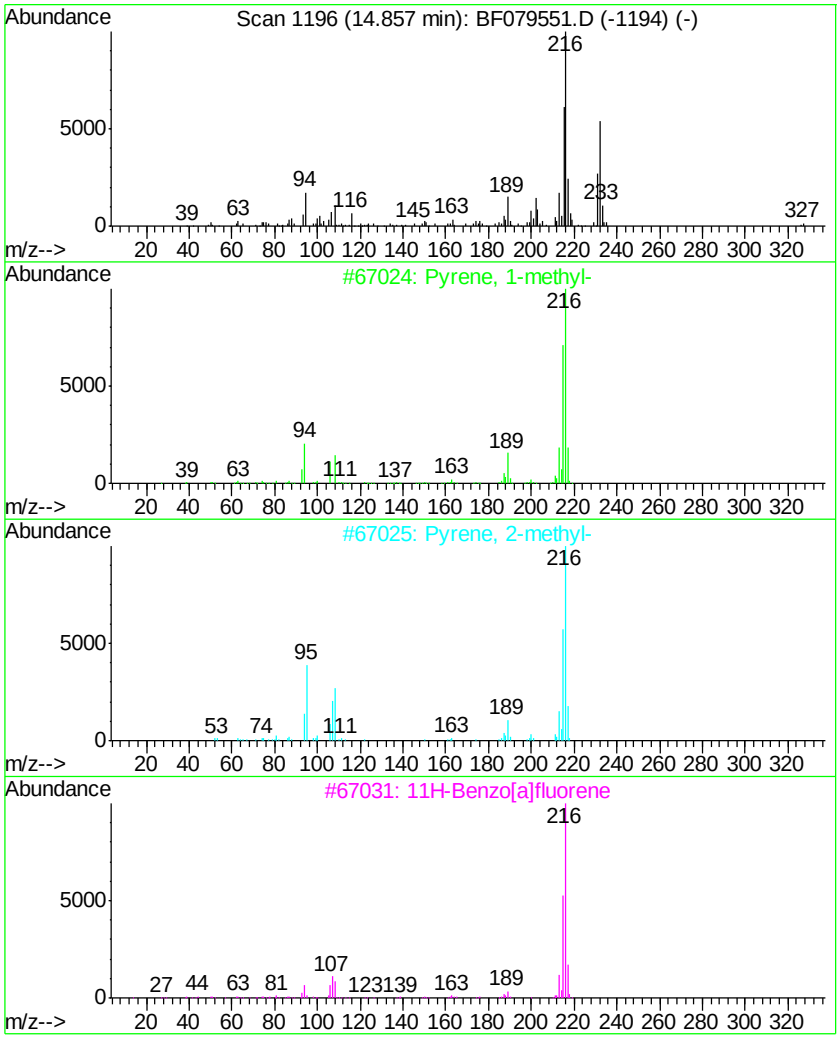
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

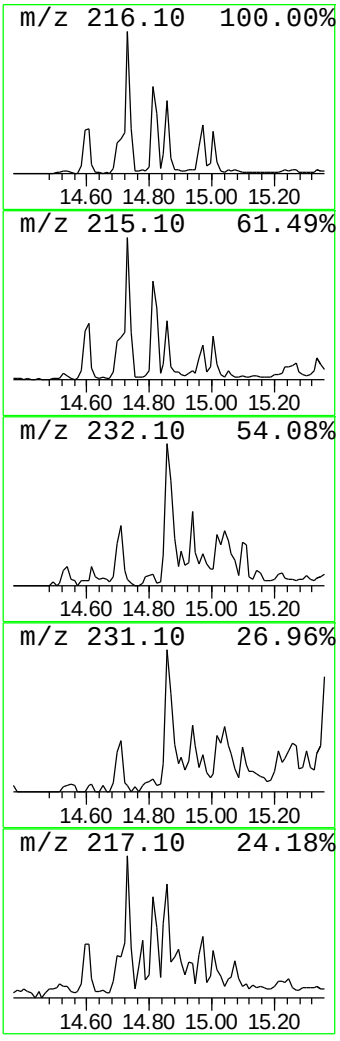
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.63 ng	234512	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

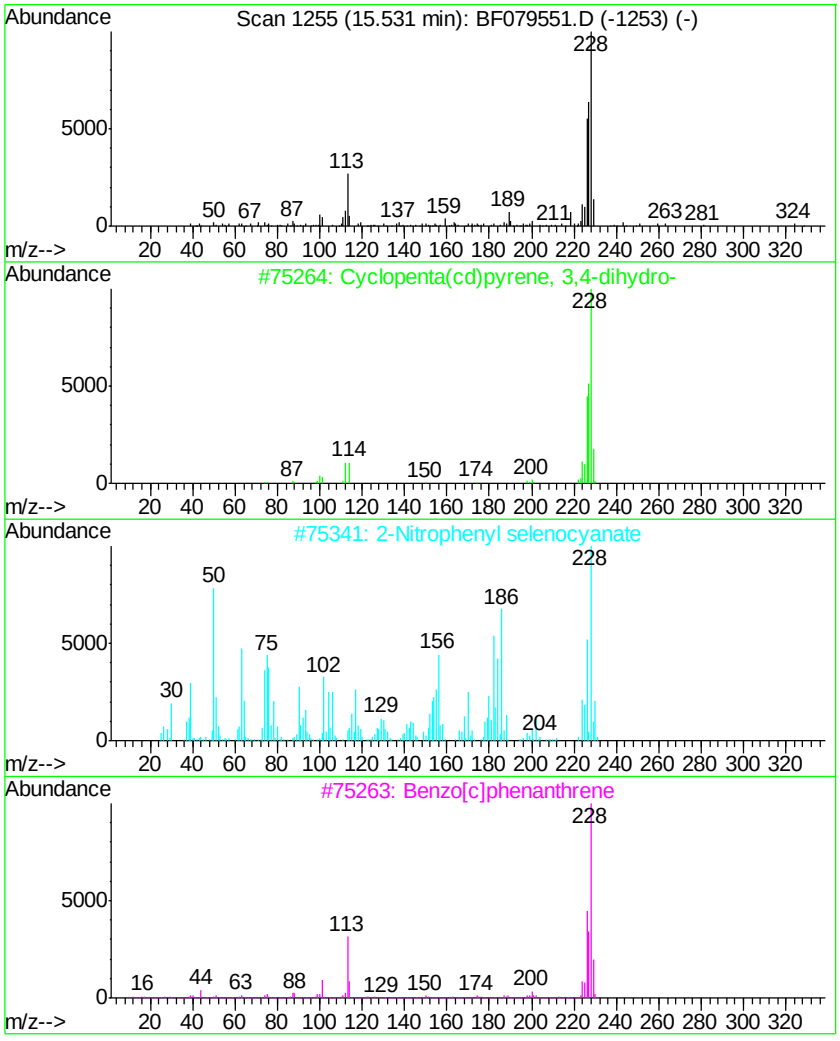
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

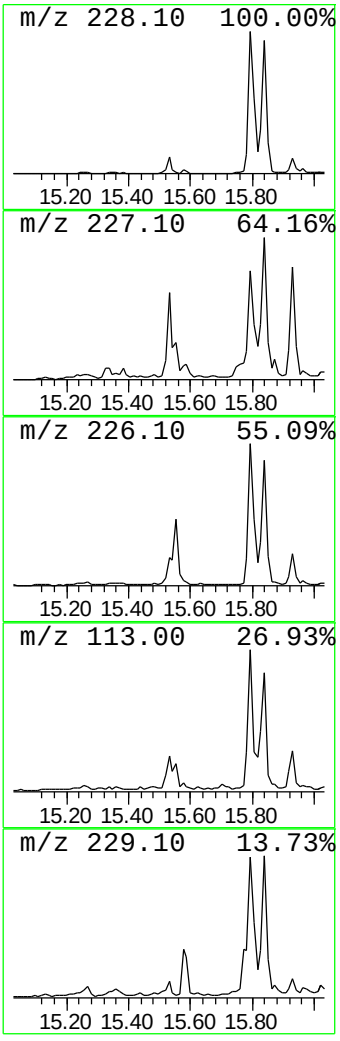
****

Peak Number 15 unknown15.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.40 ng	214000	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
2	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
4	Triphenylene	228	C18H12	000217-59-4	43
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

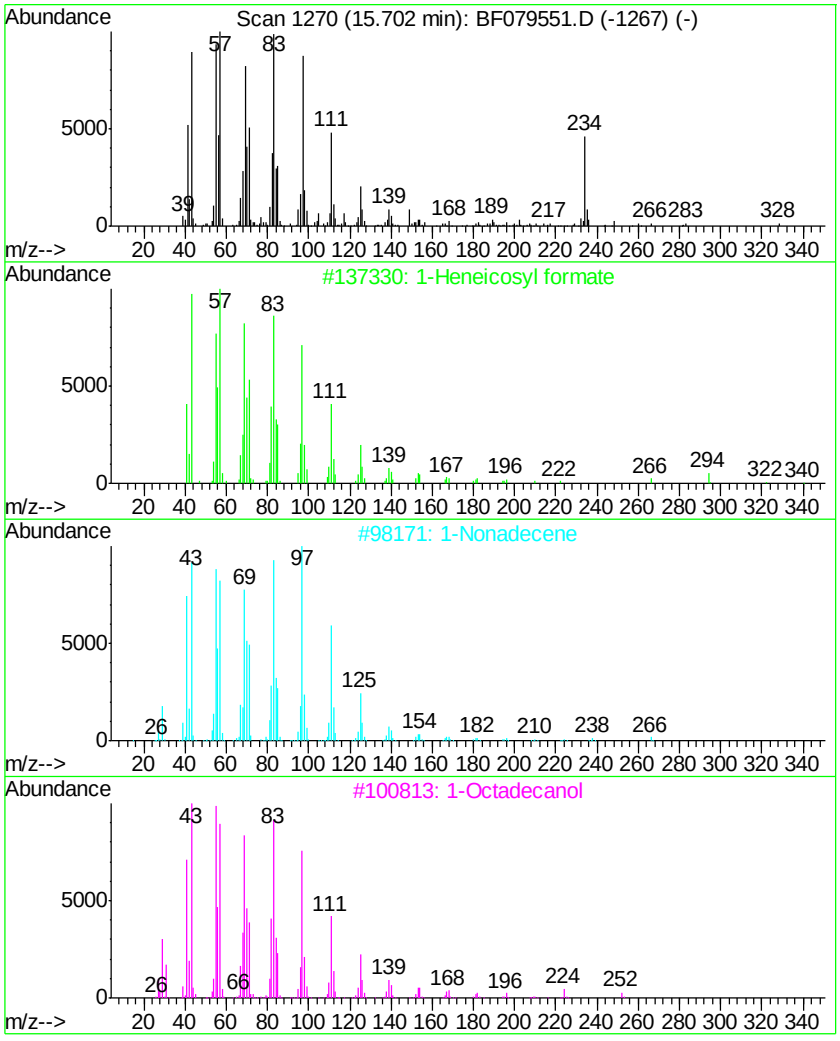
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

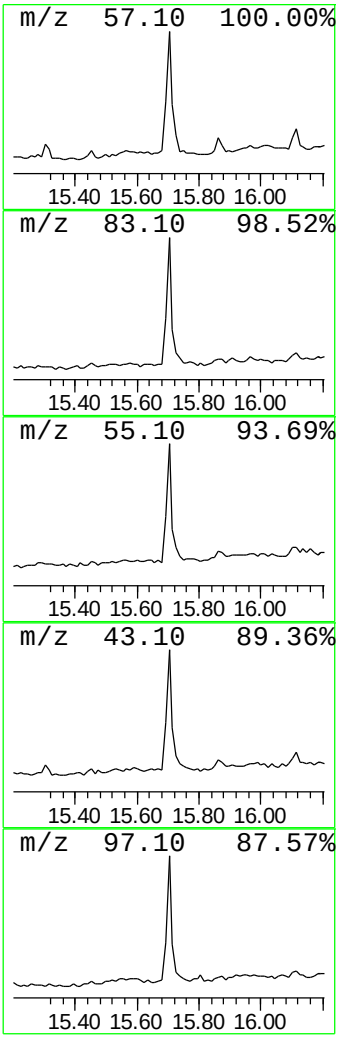
****

Peak Number 16 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.18 ng	373361	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	1-Nonadecene	266	C19H38	018435-45-5	92
3	1-Octadecanol	270	C18H38O	000112-92-5	87
4	1-Nonadecanol	284	C19H40O	001454-84-8	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

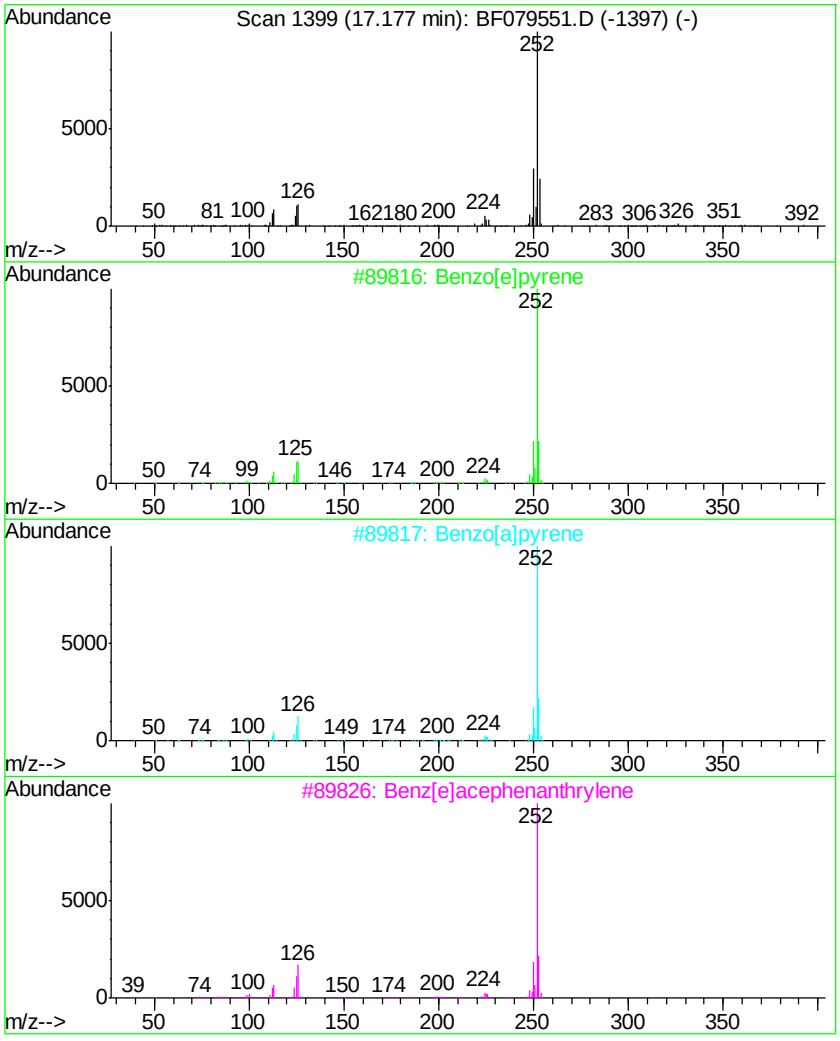
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

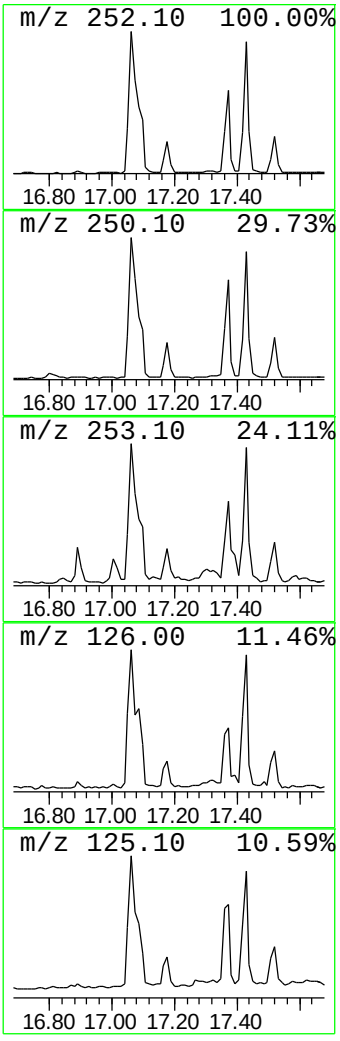
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	3.70 ng	177047	Perylene-d12	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079551.D
Acq On : 28 May 2015 18:32
Operator : TP/IZ
Sample : G2386-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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...	4.67	4.3	ng	86943	1	6.96	400798	20.0
unknown6.67	6.67	71.3	ng	1428160	1	6.96	400798	20.0
Phenanthrene, 2-m...	13.17	3.3	ng	106091	4	12.54	644457	20.0
Phenanthrene, 1-m...	13.20	4.7	ng	150194	4	12.54	644457	20.0
4H-Cyclopenta[def...	13.29	16.2	ng	523032	4	12.54	644457	20.0
Naphthalene, 2-ph...	13.54	2.6	ng	83831	4	12.54	644457	20.0
9,10-Dimethylanth...	13.85	3.1	ng	99720	4	12.54	644457	20.0
5H-Dibenzo[a,d]cy...	13.89	2.5	ng	80152	4	12.54	644457	20.0
unknown13.95	13.95	2.9	ng	93638	4	12.54	644457	20.0
11H-Benzo[a]fluorene	14.73	2.5	ng	218423	5	15.81	1785880	20.0
Pyrene, 1-methyl-	14.86	2.6	ng	234512	5	15.81	1785880	20.0
unknown15.53	15.53	2.4	ng	214000	5	15.81	1785880	20.0
1-Heneicosyl formate	15.70	4.2	ng	373361	5	15.81	1785880	20.0
Benzo[e]pyrene	17.18	3.7	ng	177047	6	17.49	956843	20.0