LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

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-BF060315.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	1.393	17	18	20	rVB	17473645	12093624	100.00%	15.574%
2	1.518	27	29	49	rVB3	373006	1710537	14.14%	2.203%
3	2.273	93	95	109	rVB	84923	273428	2.26%	0.352%
4	2.478	109	113	116	rBV	4309009	7393524	61.14%	9.522%
5	2.684	128	131	142	rVB	88876	200746	1.66%	0.259%
6	2.947	151	154	158	rVB	259031	378025	3.13%	0.487%
7	6.136	430	433	435	rBV	2605983	2215438	18.32%	2.853%
8	7.108	516	518	521	rBV	2181440	2201779	18.21%	2.835%
9	7.290	531	534	536	rBV	2320148	2397411	19.82%	3.087%
10	7.519	552	554	556	rBV	618864	524321	4.34%	0.675%
11	7.679	566	568	571	rBV	2075966	1829478	15.13%	2.356%
12	8.079	600	603	605	rBV	1075172	1276672	10.56%	1.644%
13	8.811	665	667	672	rVB	716996	757991	6.27%	0.976%
14	9.885	759	761	764	rVB	2641059	2773364	22.93%	3.572%
15	10.274	793	795	797	rVB	377066	318658	2.63%	0.410%
16	10.594	821	823	824	rBV	877352	780929	6.46%	1.006%
17	10.628	824	826	827	rVB	227705	226663	1.87%	0.292%
18	11.142	869	871	873	rVB	244453	230186	1.90%	0.296%
19	11.211	873	877	880	rBV3	99840	203895	1.69%	0.263%
20	11.382	890	892	894	rBV2	1384593	1488108	12.30%	1.916%
21	11.702	914	920	921	rBV2	97202	198778	1.64%	0.256%
22	11.999	944	946	951	rVB	172744	179557	1.48%	0.231%
23	12.102	953	955	956	rBV	923673	862932	7.14%	1.111%
24	12.125	956	957	959	rVB	2247538	2288807	18.93%	2.948%
25	12.182	959	962	964	rBV	627463	570683	4.72%	0.735%
26	12.617	999	1000	1002	rBV	364982	478297	3.95%	0.616%
27	12.651	1002	1003	1005	rVB	722014	536105	4.43%	0.690%
28	12.697	1005	1007	1009	rBV	214248	241448	2.00%	0.311%
29	12.742	1009	1011	1015	rBV2	618368	1209209	10.00%	1.557%
30	12.925	1025	1027	1028	rBV	330144	306363	2.53%	0.395%
31	12.948	1028	1029	1033	rVB2	167319	256843	2.12%	0.331%
32	13.085	1036	1041	1043	rBV2	144740	237990	1.97%	0.306%
33	13.211	1049	1052	1053	rBV	289510	430468	3.56%	0.554%
34	13.245	1053	1055	1058	rVB2	160907	356094	2.94%	0.459%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

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-BF060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.302	1058	1060	1065	rBV2	242675	365644	3.02%	0.471%
36	13.394	1065	1068	1070	rBV	3046951	3151659	26.06%	4.059%
37	13.554	1080	1082	1086	rVB3	130693	256938	2.12%	0.331%
38	13.645	1086	1090	1093	rBV	2839375	3720649	30.77%	4.792%
39	13.691	1093	1094	1097	rVB2	190413	224124	1.85%	0.289%
40	13.782	1099	1102	1104	rVV	3131574	3068196	25.37%	3.951%
41	13.885	1107	1111	1115	rBV3	245784	569626	4.71%	0.734%
42	14.011	1118	1122	1124	rVB	487667	719591	5.95%	0.927%
43	14.091	1126	1129	1130	rBV	261742	334213	2.76%	0.430%
44	14.137	1130	1133	1134	rBV2	338490	404325	3.34%	0.521%
45	14.240	1140	1142	1144	rBV	223224	290025	2.40%	0.373%
46	14.285	1144	1146	1147	rVB	187545	257327	2.13%	0.331%
47	14.605	1170	1174	1177	rBV	259285	428598	3.54%	0.552%
48	14.754	1183	1187	1188	rBV2	210298	442128	3.66%	0.569%
49	14.777	1188	1189	1191	rVV	259372	320396	2.65%	0.413%
50	14.811	1191	1192	1194	rVV2	403630	561488	4.64%	0.723%
51	14.857	1194	1196	1202	rVB2	293670	499781	4.13%	0.644%
52	15.040	1210	1212	1215	rBV2	1509491	2834520	23.44%	3.650%
53	15.085	1215	1216	1221	rVB	1207254	1494328	12.36%	1.924%
54	15.200	1224	1226	1228	rBV	164979	278375	2.30%	0.358%
55	15.325	1236	1237	1240	rBV	132619	228269	1.89%	0.294%
56	15.554	1254	1257	1258	rBV	243319	376646	3.11%	0.485%
57	15.588	1258	1260	1262	rVB	162924	213371	1.76%	0.275%
58	15.657	1262	1266	1267	rBV4	112224	256619	2.12%	0.330%
59	15.748	1272	1274	1276	rVB	147684	195353	1.62%	0.252%
60	15.806	1276	1279	1284	rBV3	108707	193427	1.60%	0.249%
61	16.434	1330	1334	1339	rBV	1024297	2605908	21.55%	3.356%
62	16.583	1344	1347	1350	rVV	168106	269763	2.23%	0.347%
63	16.846	1367	1370	1374	rVB	664274	1078277	8.92%	1.389%
64	16.937	1374	1378	1381	rBV	839029	1431551	11.84%	1.844%
65	17.017	1382	1385	1387	rVV	579795	970249	8.02%	1.250%
66	17.063	1387	1389	1393	rVB2	260723	504479	4.17%	0.650%
67	19.040	1558	1562	1570	rVB2	364760	914175	7.56%	1.177%
68	19.657	1612	1616	1623	rVB	298549	762340	6.30%	0.982%

Sum of corrected areas: 77650709

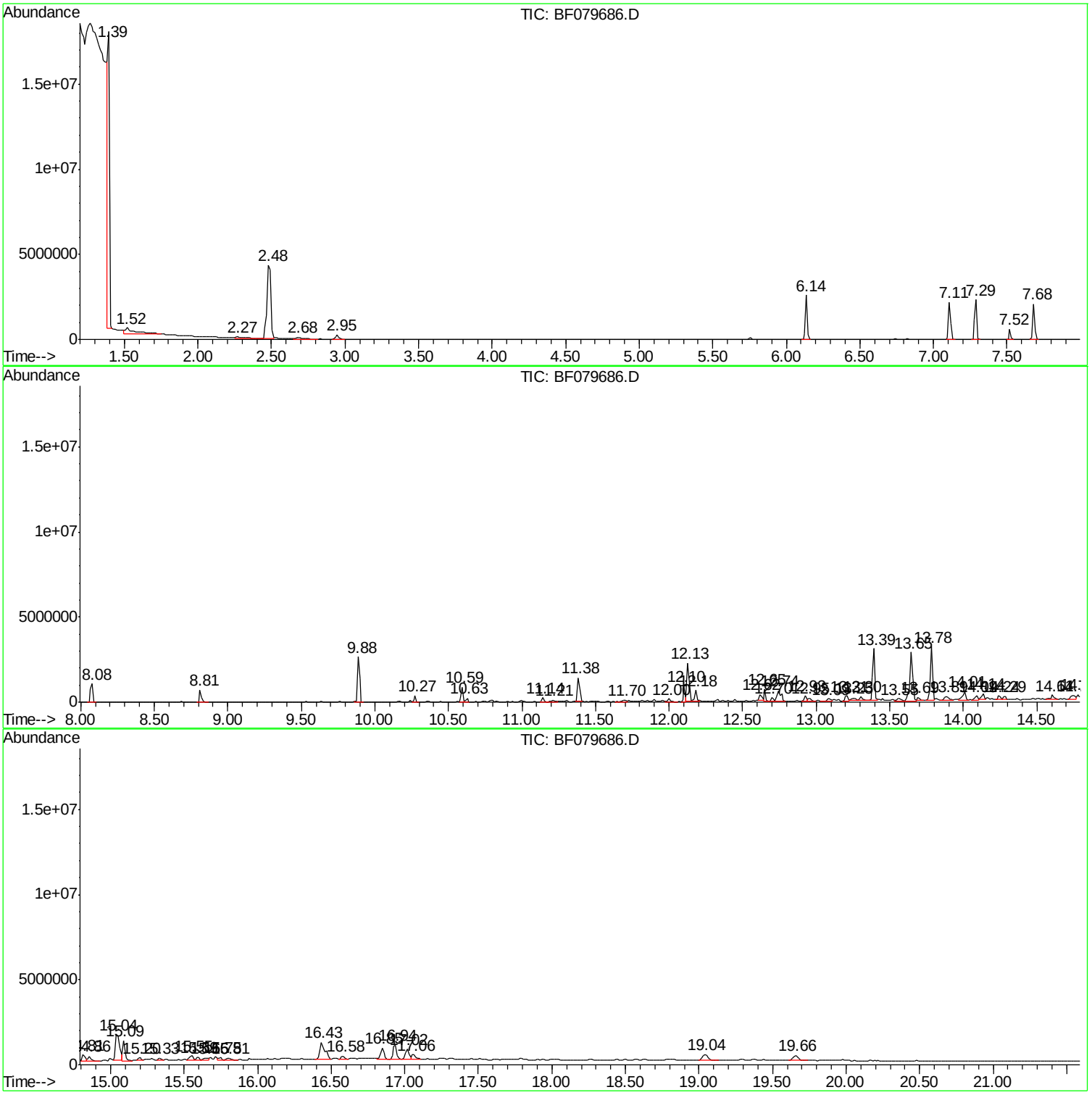
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

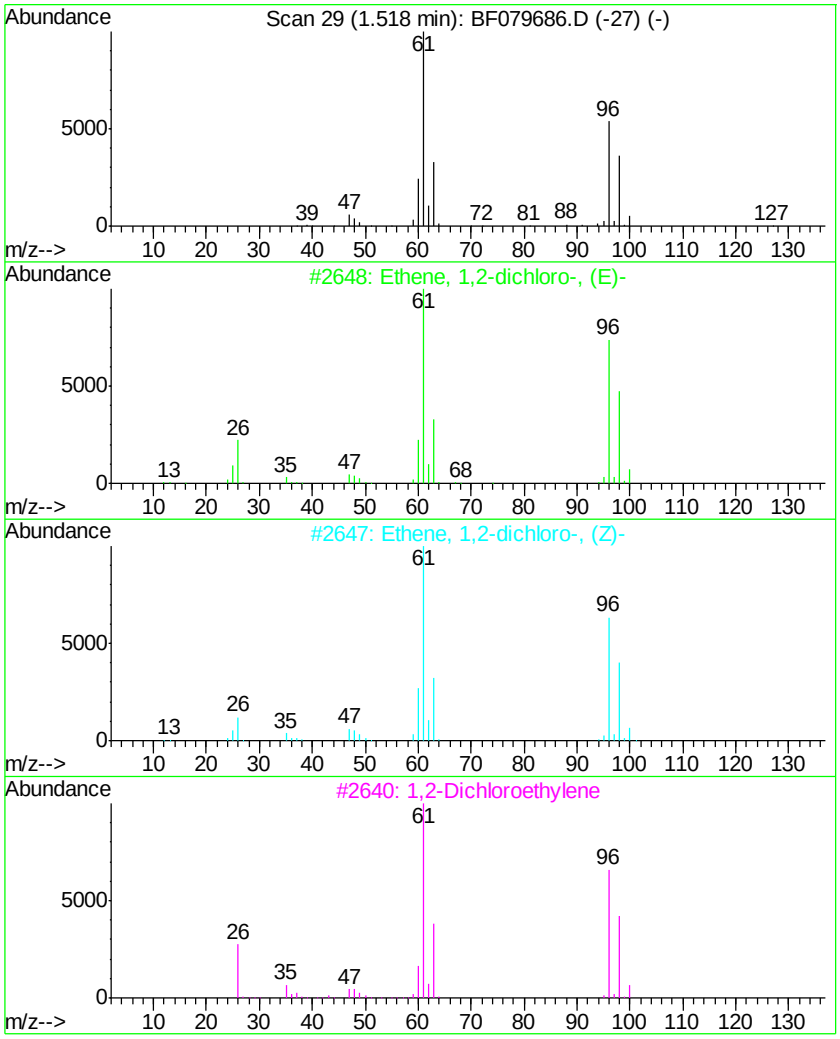
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

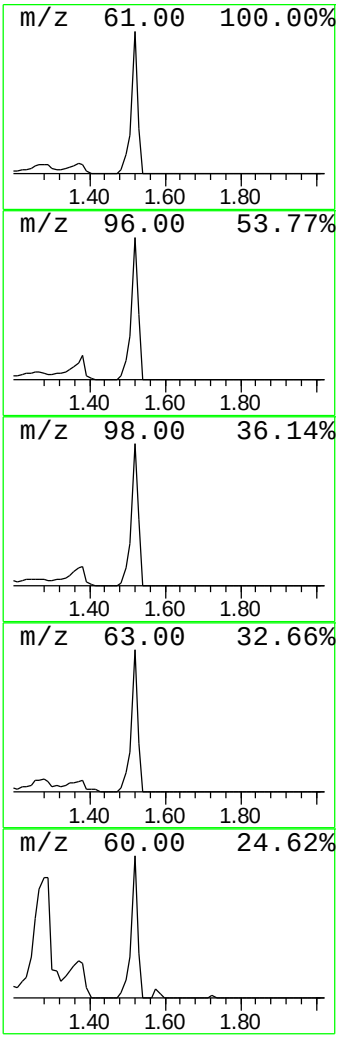
****

Peak Number 2 Ethene, 1,2-dichloro-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	65.25 ng	1710540	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	94
2	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	94
3	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	91
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
5	Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

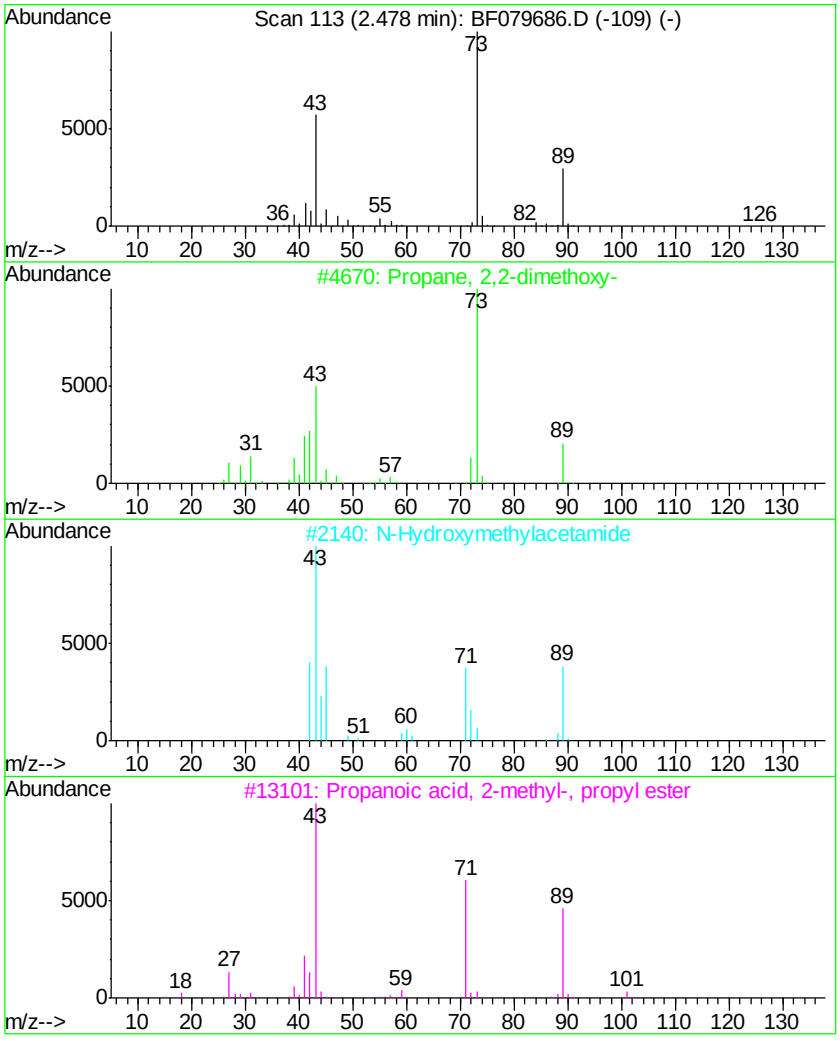
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

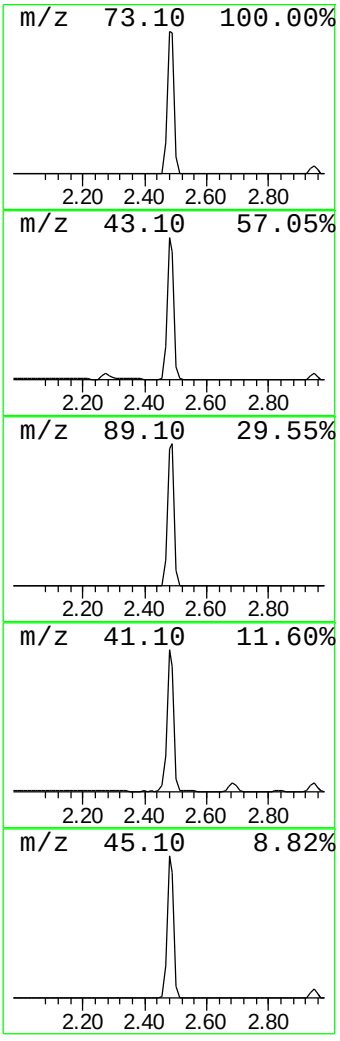
****

Peak Number 4 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	282.02 ng	7393520	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	59
2	N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	17
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	12
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

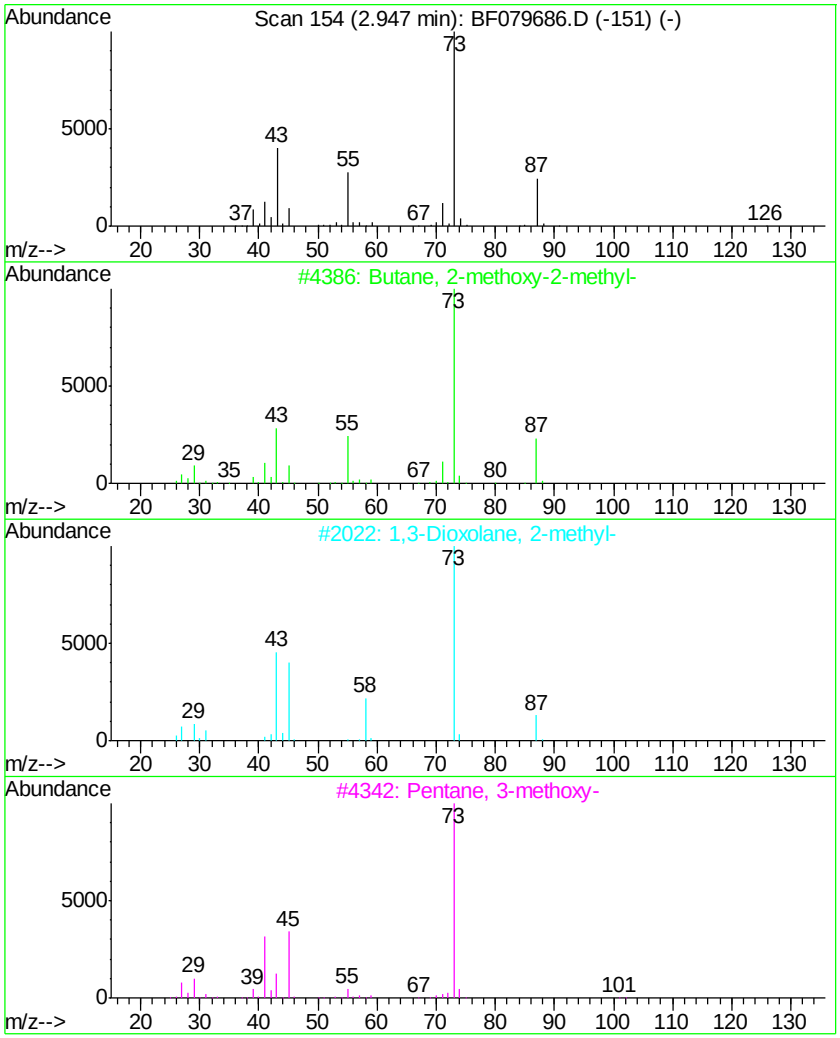
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

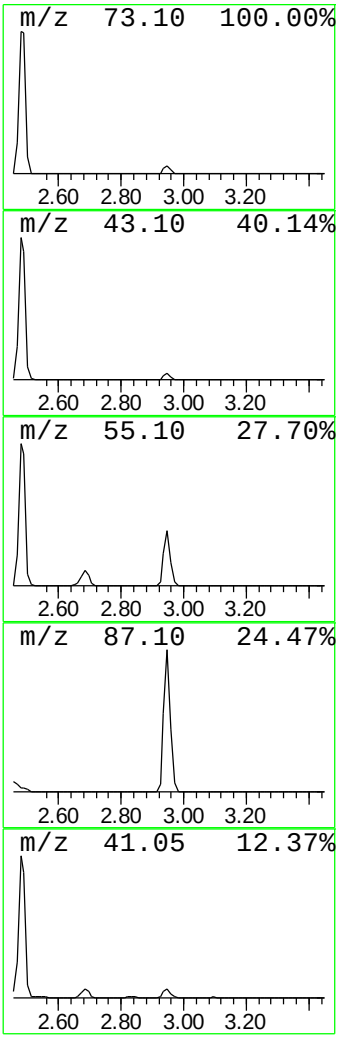
****

Peak Number 6 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	14.42 ng	378025	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

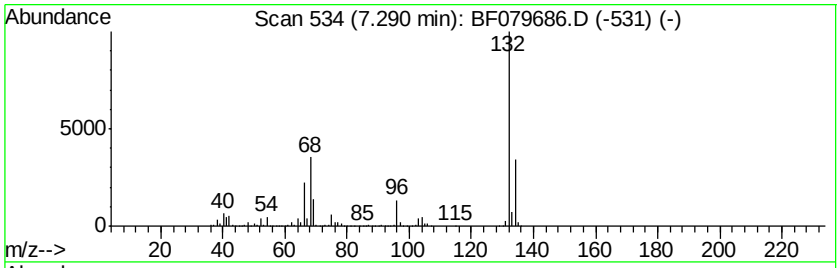
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

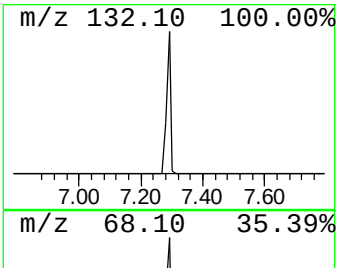
****

Peak Number 7 unknown7.29 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	91.45 ng	2397410	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

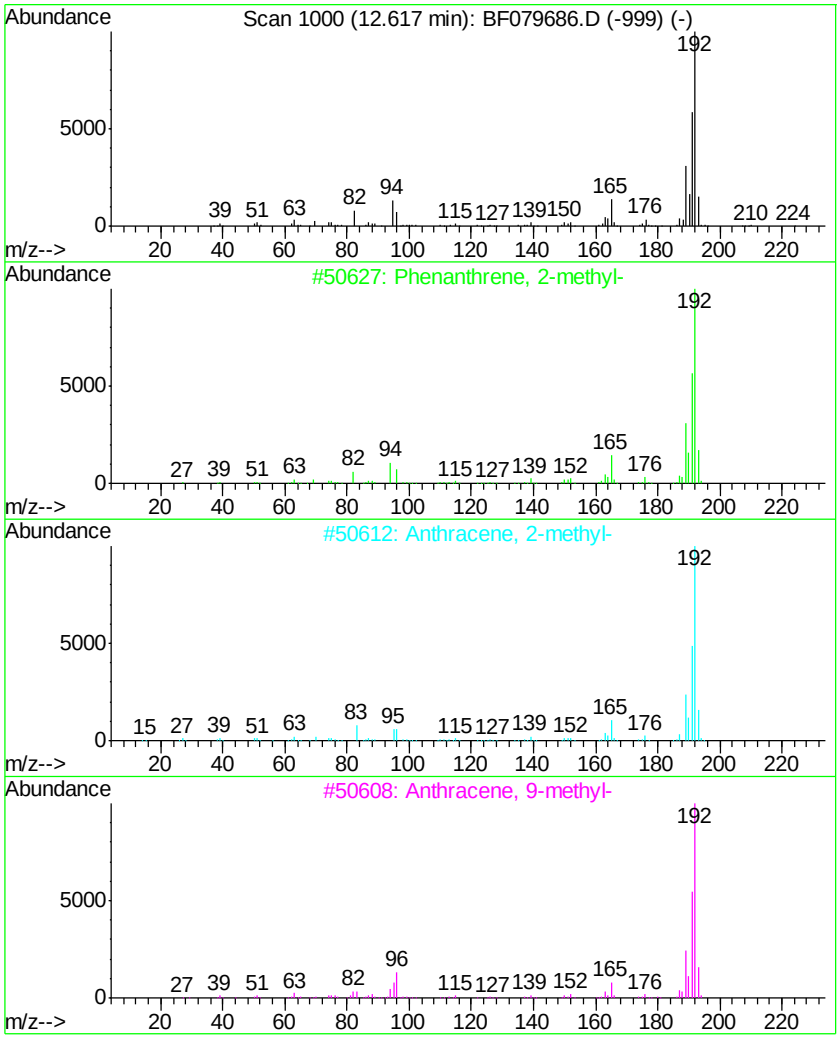
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

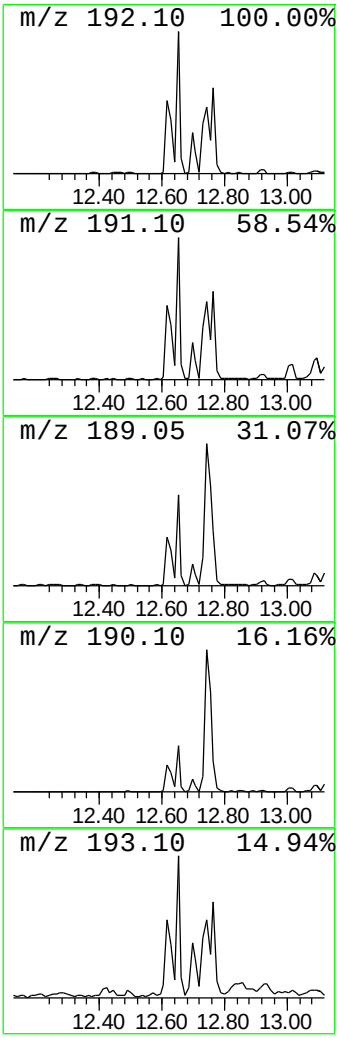
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	11.09 ng	478297	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

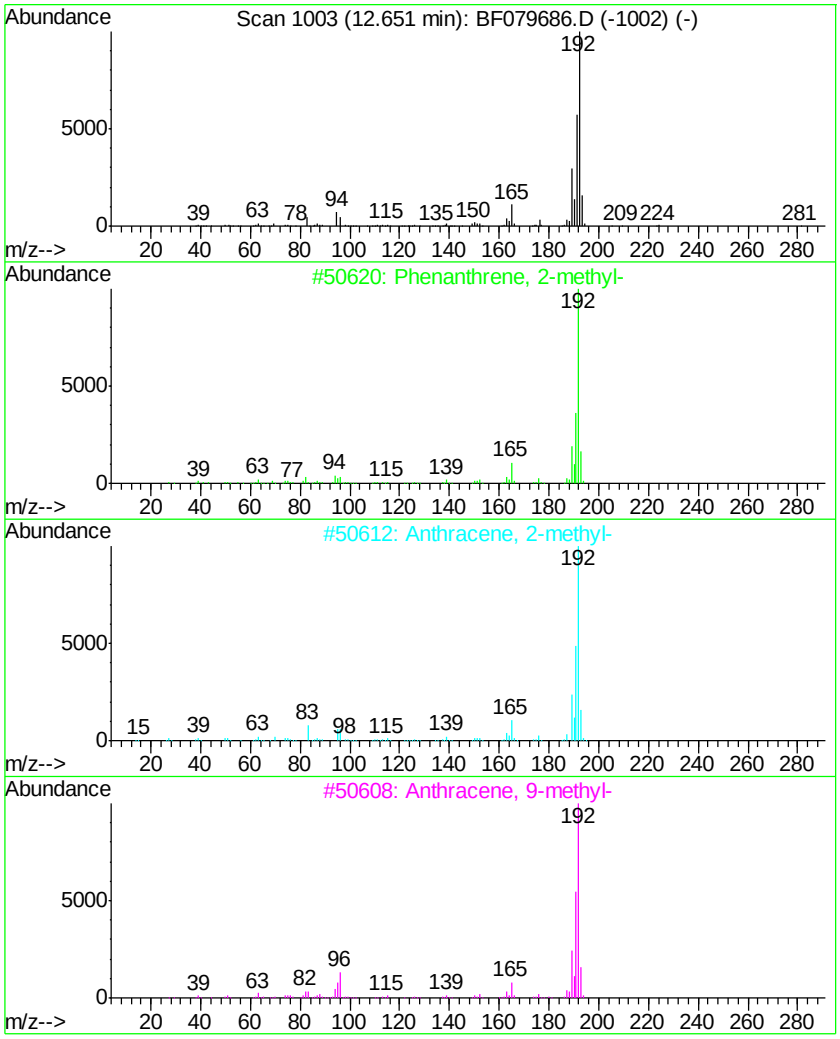
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

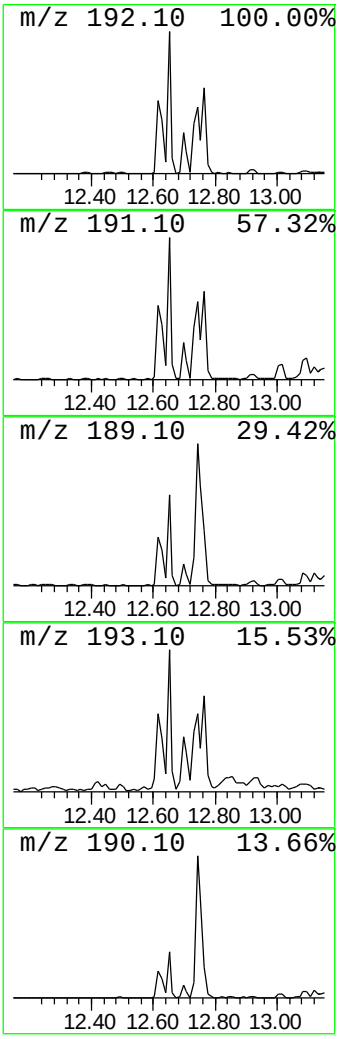
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	12.43 ng	536105	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

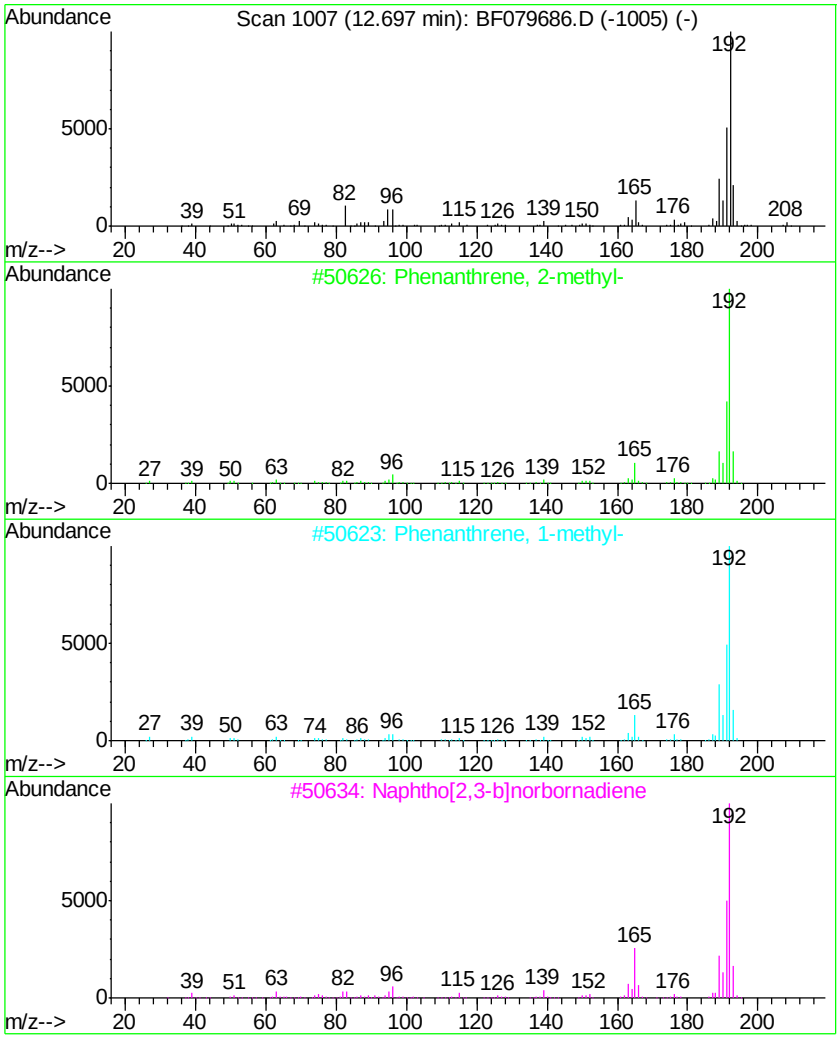
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

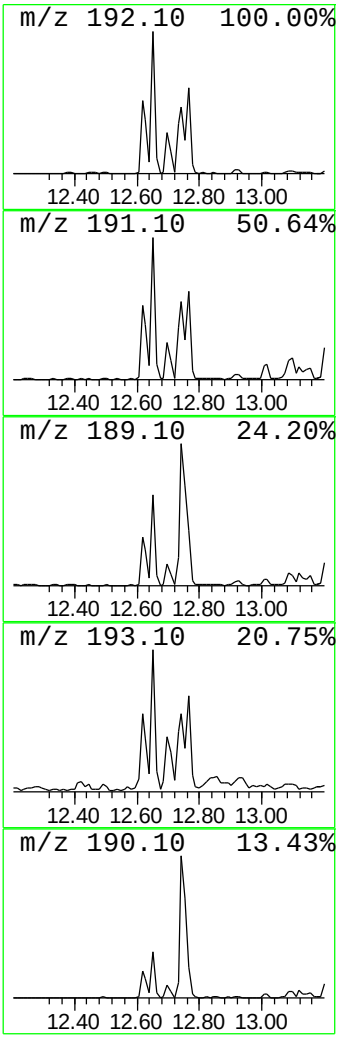
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.60 ng	241448	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

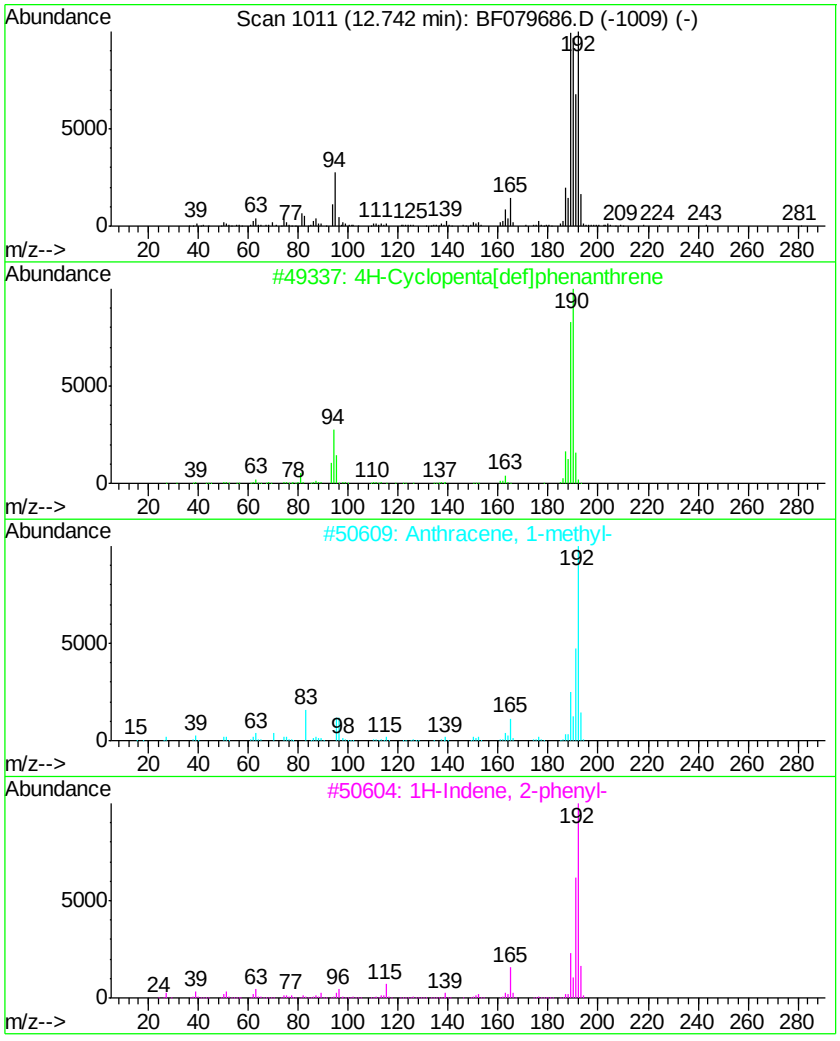
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

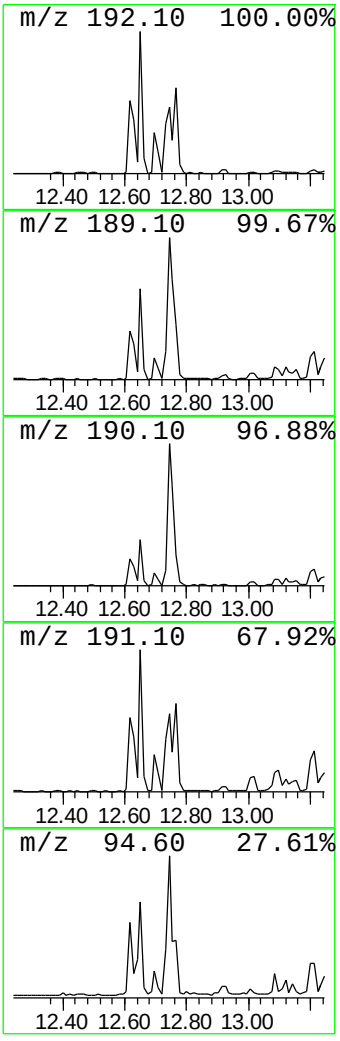
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	28.03 ng	1209210	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

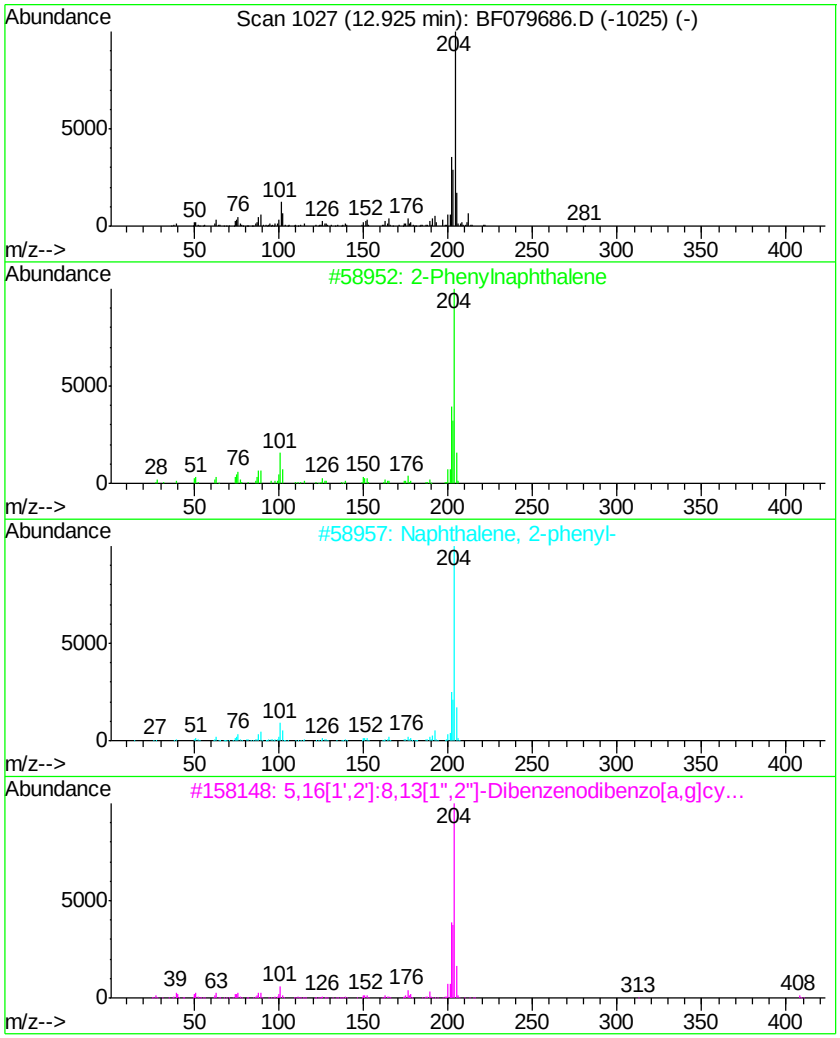
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

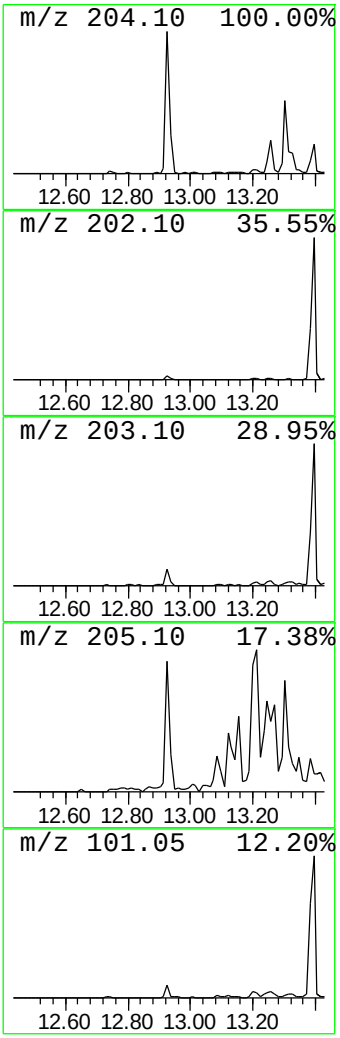
****

Peak Number 13 2-Phenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	7.10 ng	306363	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

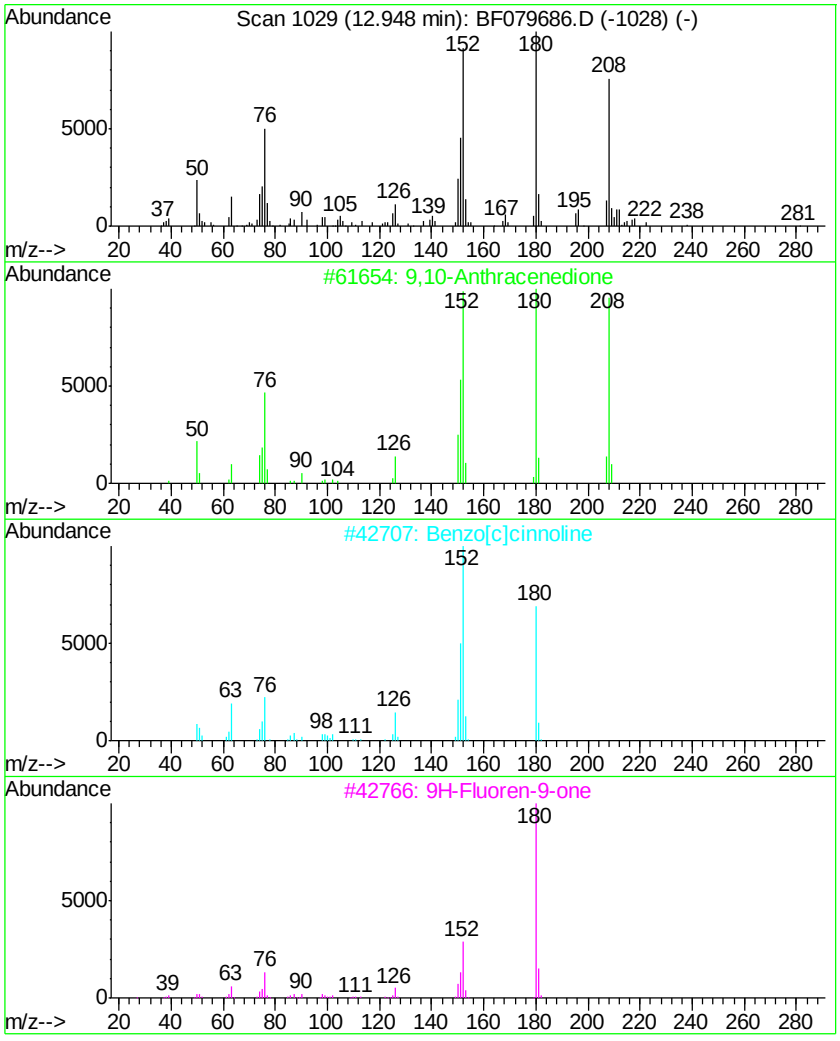
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

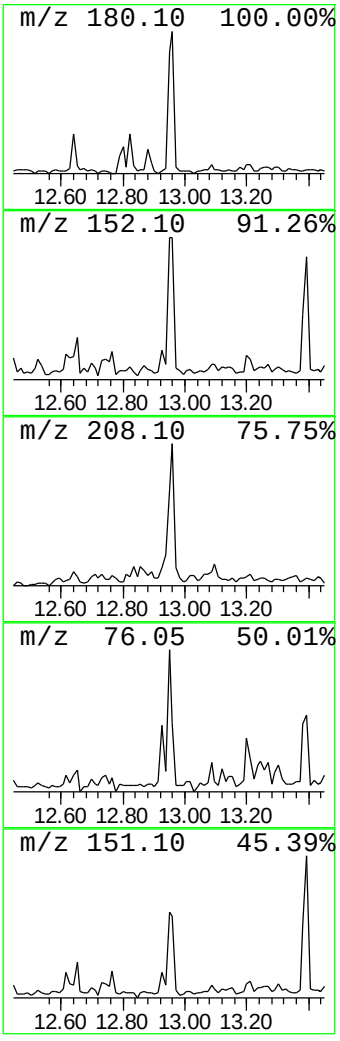
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.95 ng	256843	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

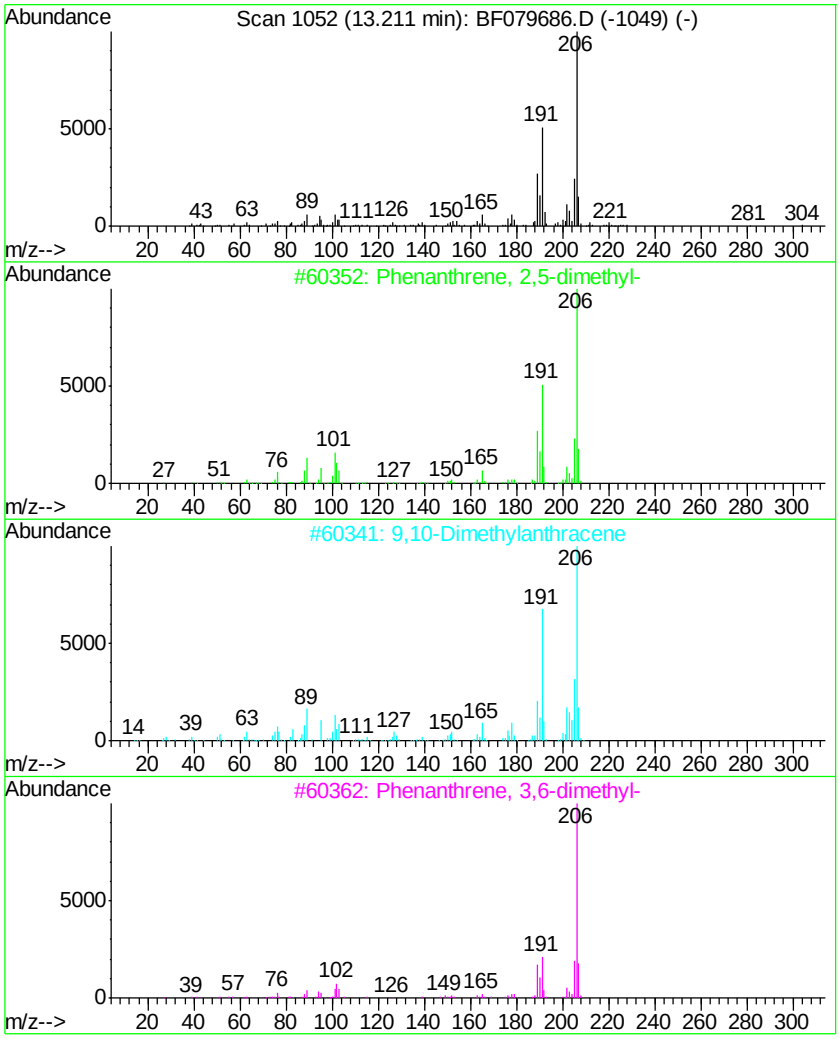
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

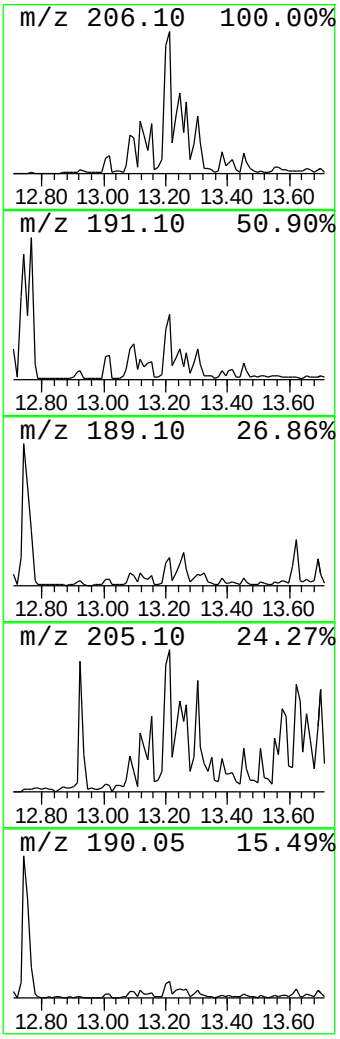
****

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	9.98 ng	430468	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

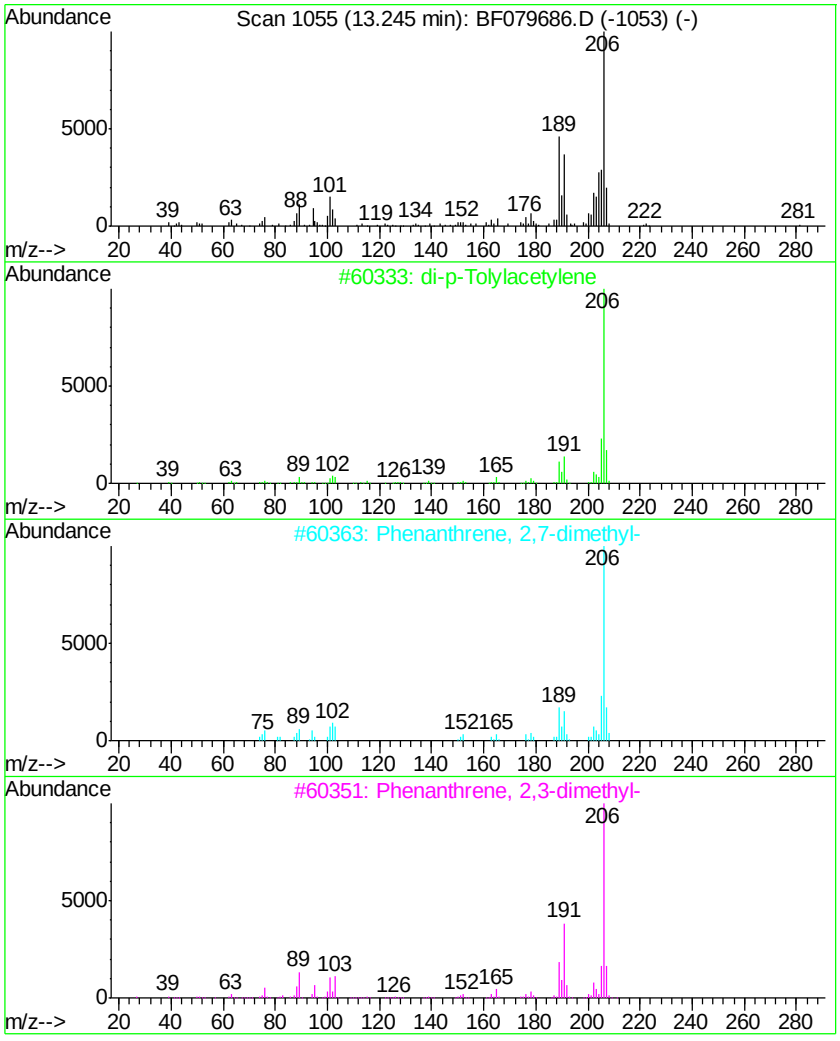
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

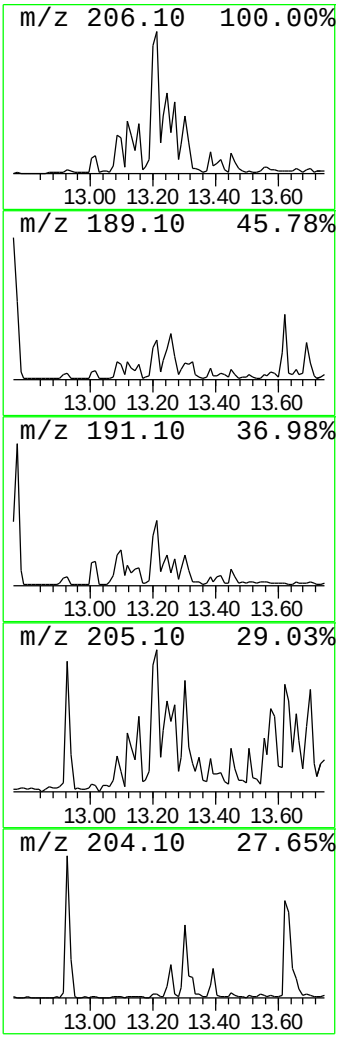
****

Peak Number 16 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	8.25 ng	356094	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

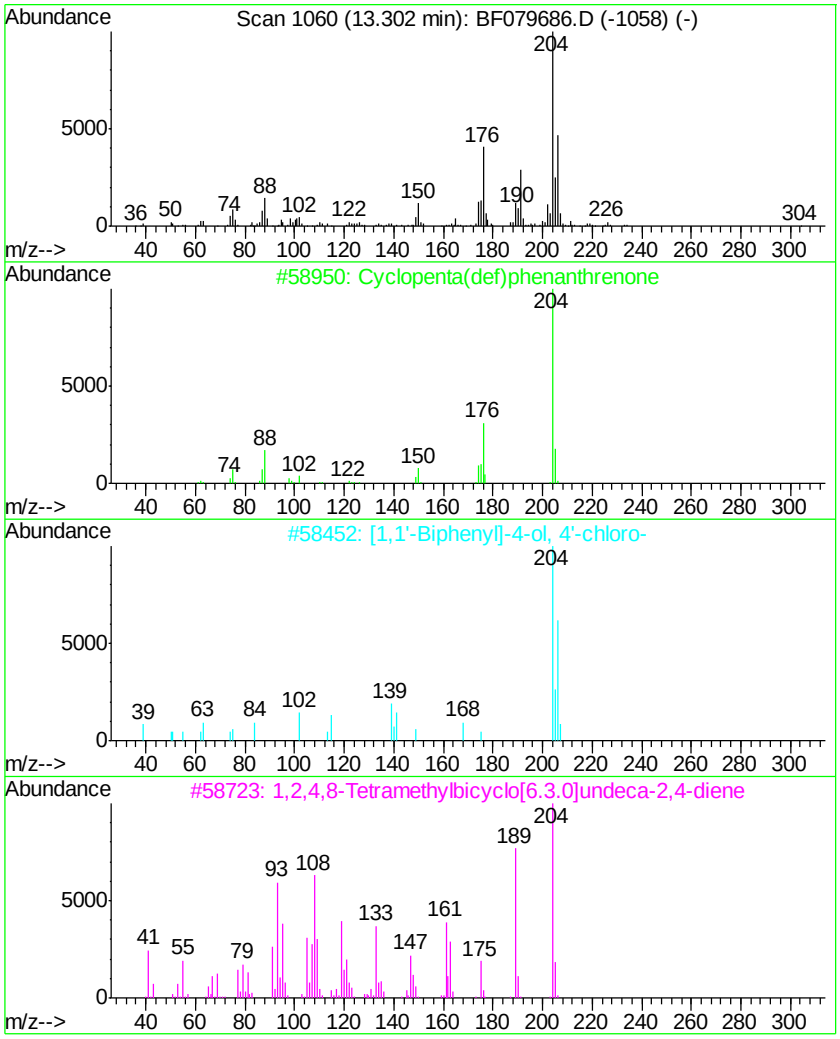
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

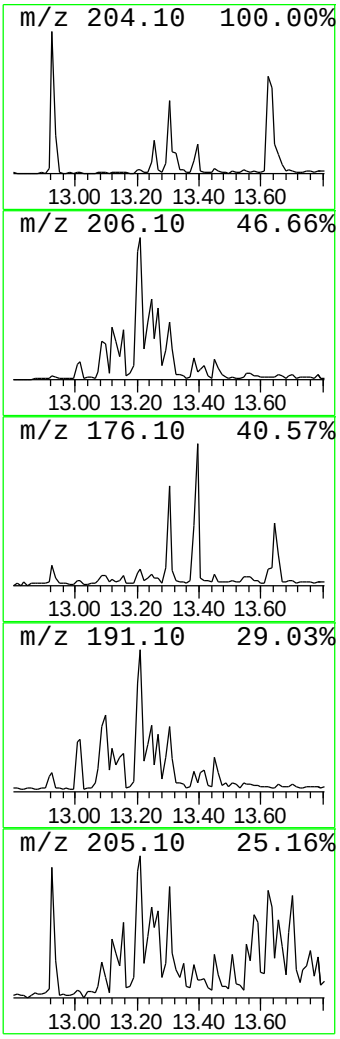
****

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	8.47 ng	365644	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	38
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

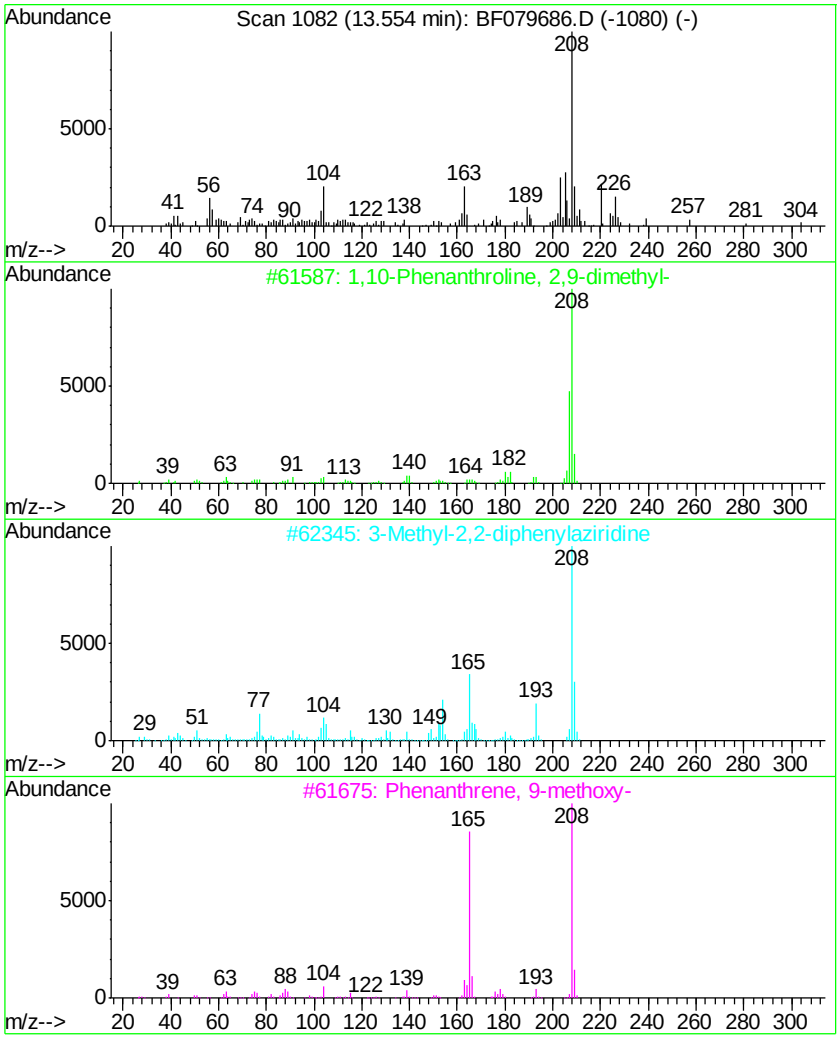
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

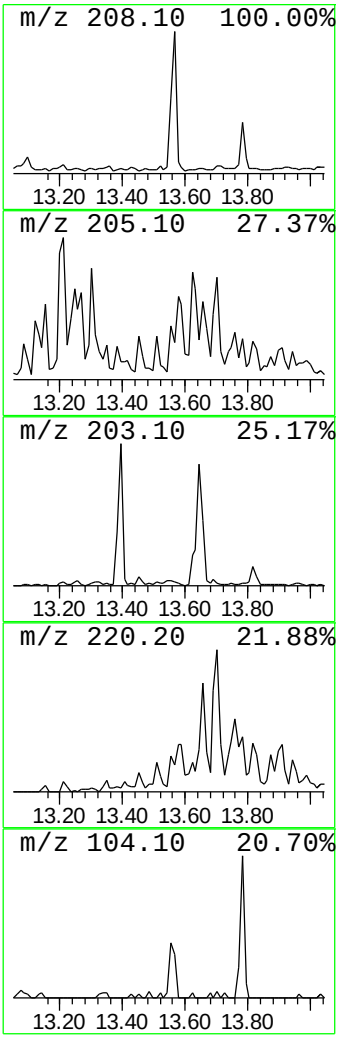
****

Peak Number 18 unknown13.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	5.96 ng	256938	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	38
2	3-Methyl-2,2-diphenylaziridine	209	C15H15N	007764-13-8	35
3	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	35
4	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	32
5	2-p-Tolyl-2,3-dihydro-1H-benzo[1...	208	C13H13BN2	1000296-11-8	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

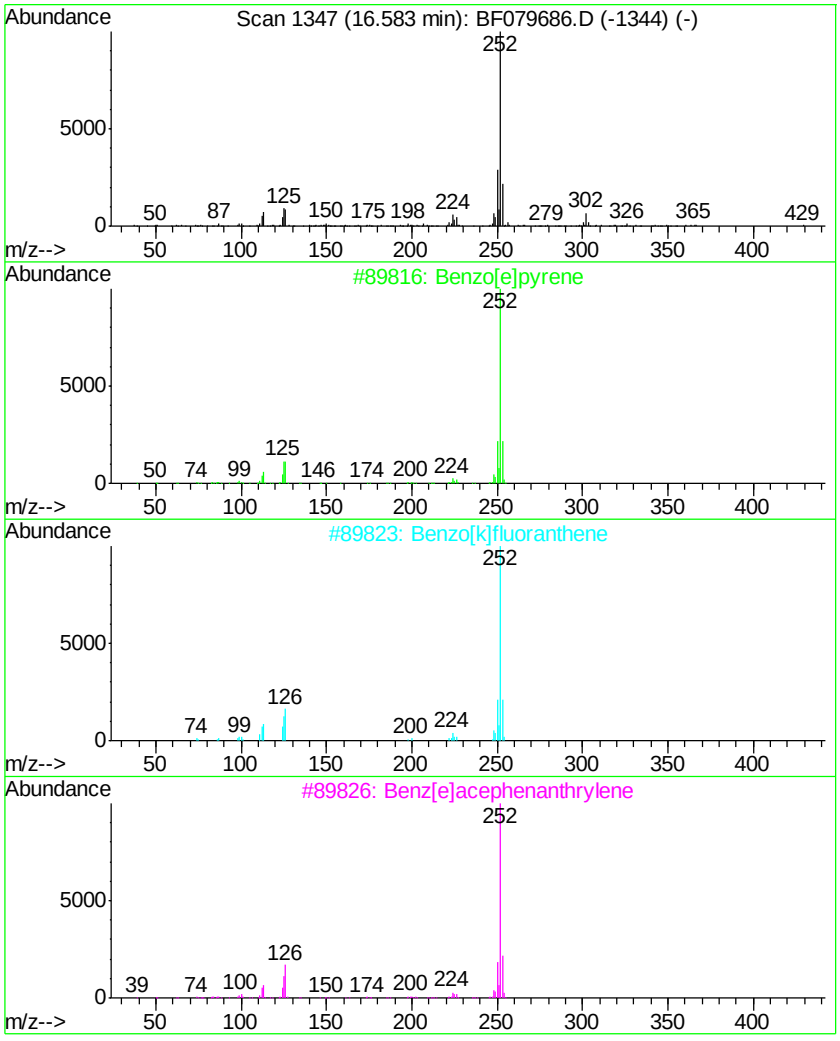
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

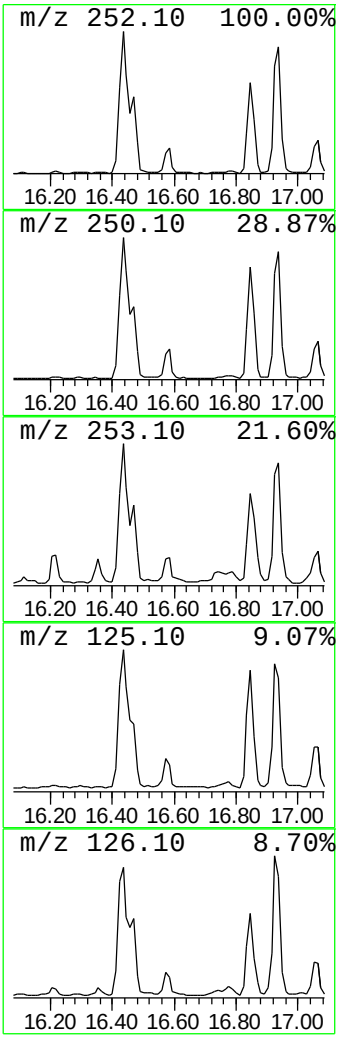
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	5.56 ng	269763	Perylene-d12	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060315\
Data File : BF079686.D
Acq On : 4 Jun 2015 4:28
Operator : TP/IZ
Sample : G2408-25
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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
Ethene, 1,2-dichl...	1.52	65.3	ng	1710540	1	7.52	524321	20.0
Propane, 2,2-dime...	2.48	282.0	ng	7393520	1	7.52	524321	20.0
Butane, 2-methoxy...	2.95	14.4	ng	378025	1	7.52	524321	20.0
unknown7.29	7.29	91.5	ng	2397410	1	7.52	524321	20.0
Phenanthrene, 2-m...	12.62	11.1	ng	478297	4	12.10	862932	20.0
Anthracene, 2-met...	12.65	12.4	ng	536105	4	12.10	862932	20.0
Phenanthrene, 1-m...	12.70	5.6	ng	241448	4	12.10	862932	20.0
4H-Cyclopenta[def...	12.74	28.0	ng	1209210	4	12.10	862932	20.0
2-Phenylnaphthalene	12.93	7.1	ng	306363	4	12.10	862932	20.0
9,10-Anthracenedione	12.95	6.0	ng	256843	4	12.10	862932	20.0
Phenanthrene, 2,5...	13.21	10.0	ng	430468	4	12.10	862932	20.0
di-p-Tolylacetylene	13.25	8.3	ng	356094	4	12.10	862932	20.0
Cyclopenta(def)ph...	13.30	8.5	ng	365644	4	12.10	862932	20.0
unknown13.55	13.55	6.0	ng	256938	4	12.10	862932	20.0
Benzo[e]pyrene	16.58	5.6	ng	269763	6	17.02	970249	20.0