LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079586.D
Acq On : 30 May 2015 5:39
Operator : TP/IZ
Sample : G2294-02 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

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	31	33	40	rVB	76592	172597	1.55%	0.563%
2	1.655	40	41	100	rVB	4189300	11129251	100.00%	36.291%
3	5.233	352	354	365	rBV	145980	249290	2.24%	0.813%
4	6.547	467	469	477	rBV	208061	287953	2.59%	0.939%
5	6.662	477	479	484	rVV	222971	315631	2.84%	1.029%
6	6.947	502	504	507	rBV	489803	468582	4.21%	1.528%
7	7.130	518	520	523	rBV	218118	244661	2.20%	0.798%
8	7.656	563	566	575	rBV	132715	184635	1.66%	0.602%
9	8.525	640	642	652	rBV	679668	687046	6.17%	2.240%
10	9.873	758	760	763	rBV	456287	405339	3.64%	1.322%
11	10.685	829	831	834	rBV	533956	726746	6.53%	2.370%
12	11.668	915	917	921	rBV	198314	225086	2.02%	0.734%
13	12.525	989	992	993	rBV	681049	716646	6.44%	2.337%
14	12.548	993	994	997	rVV	537889	551130	4.95%	1.797%
15	12.616	997	1000	1003	rVB	178885	187629	1.69%	0.612%
16	13.279	1056	1058	1060	rVV	116078	147119	1.32%	0.480%
17	14.022	1120	1123	1125	rBV	875716	861028	7.74%	2.808%
18	14.297	1144	1147	1149	rBV	940083	1063268	9.55%	3.467%
19	14.514	1163	1166	1169	rVB	399042	419600	3.77%	1.368%
20	14.720	1178	1184	1186	rVB2	120734	237040	2.13%	0.773%
21	14.800	1189	1191	1193	rVB	119203	112587	1.01%	0.367%
22	14.845	1193	1195	1196	rBV	128713	156326	1.40%	0.510%
23	15.520	1252	1254	1257	rVV2	102843	203655	1.83%	0.664%
24	15.794	1273	1278	1280	rBV2	849413	1793495	16.12%	5.848%
25	15.828	1280	1281	1283	rVV	573874	477969	4.29%	1.559%
26	15.920	1286	1289	1291	rBV	153080	174702	1.57%	0.570%
27	16.091	1303	1304	1309	rVB	66725	117603	1.06%	0.383%
28	16.285	1318	1321	1323	rVV	169383	248458	2.23%	0.810%
29	16.331	1323	1325	1327	rVV	72004	115071	1.03%	0.375%
30	16.400	1328	1331	1333	rVV2	101569	177800	1.60%	0.580%
31	16.434	1333	1334	1338	rVV3	76341	193830	1.74%	0.632%
32	16.685	1353	1356	1359	rBV3	37662	117147	1.05%	0.382%
33	16.834	1365	1369	1371	rBV2	90930	144290	1.30%	0.471%
34	17.063	1386	1389	1394	rBV	720840	1528305	13.73%	4.984%

LSC Area Percent Report

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Sample : G2294-02 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.177	1394	1399	1401	rVB2	192833	279346	2.51%	0.911%
36	17.303	1406	1410	1411	rBV2	50316	121124	1.09%	0.395%
37	17.371	1414	1416	1418	rVV	528302	592225	5.32%	1.931%
38	17.428	1419	1421	1424	rVV	711330	894099	8.03%	2.916%
39	17.497	1424	1427	1428	rVV	525737	691769	6.22%	2.256%
40	17.520	1428	1429	1435	rVB2	186585	283757	2.55%	0.925%
41	17.783	1449	1452	1454	rBV2	51638	130350	1.17%	0.425%
42	18.628	1523	1526	1529	rBV3	72231	181500	1.63%	0.592%
43	18.777	1536	1539	1544	rVB2	441155	811381	7.29%	2.646%
44	18.937	1550	1553	1555	rBV	110552	227220	2.04%	0.741%
45	18.983	1555	1557	1560	rVB	72309	115232	1.04%	0.376%
46	19.154	1568	1572	1577	rBV	318700	680194	6.11%	2.218%
47	19.360	1587	1590	1598	rVB	124051	304267	2.73%	0.992%
48	21.063	1734	1739	1744	rVB	98758	309078	2.78%	1.008%
49	21.223	1748	1753	1756	rBV	63166	203348	1.83%	0.663%

Sum of corrected areas: 30666405

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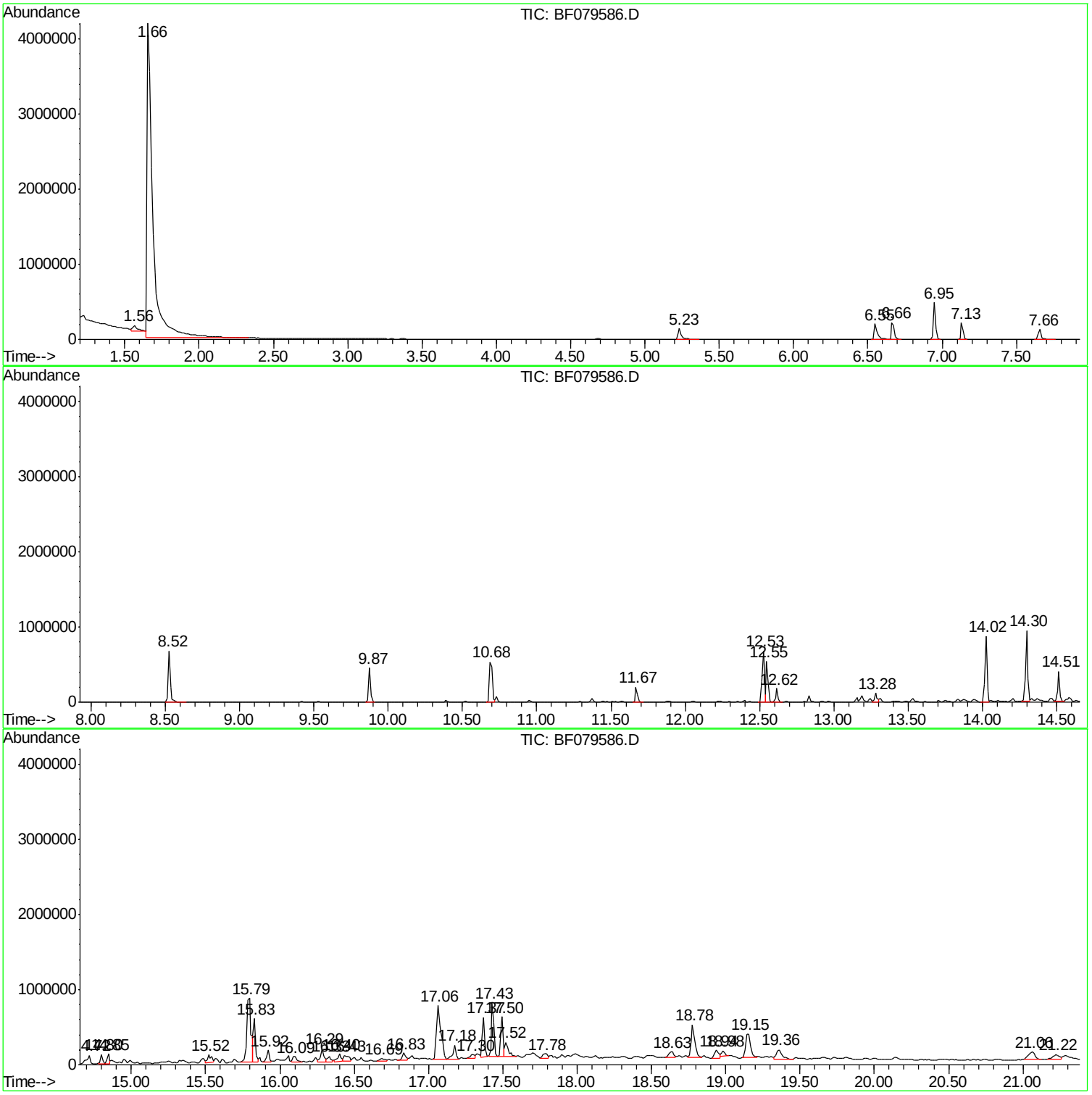
Instrument :
BNA_F
ClientSampleId :
HY-SB402A(2.0-2.5)

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



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Data File : BF079586.D
Acq On : 30 May 2015 5:39
Operator : TP/IZ
Sample : G2294-02 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

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

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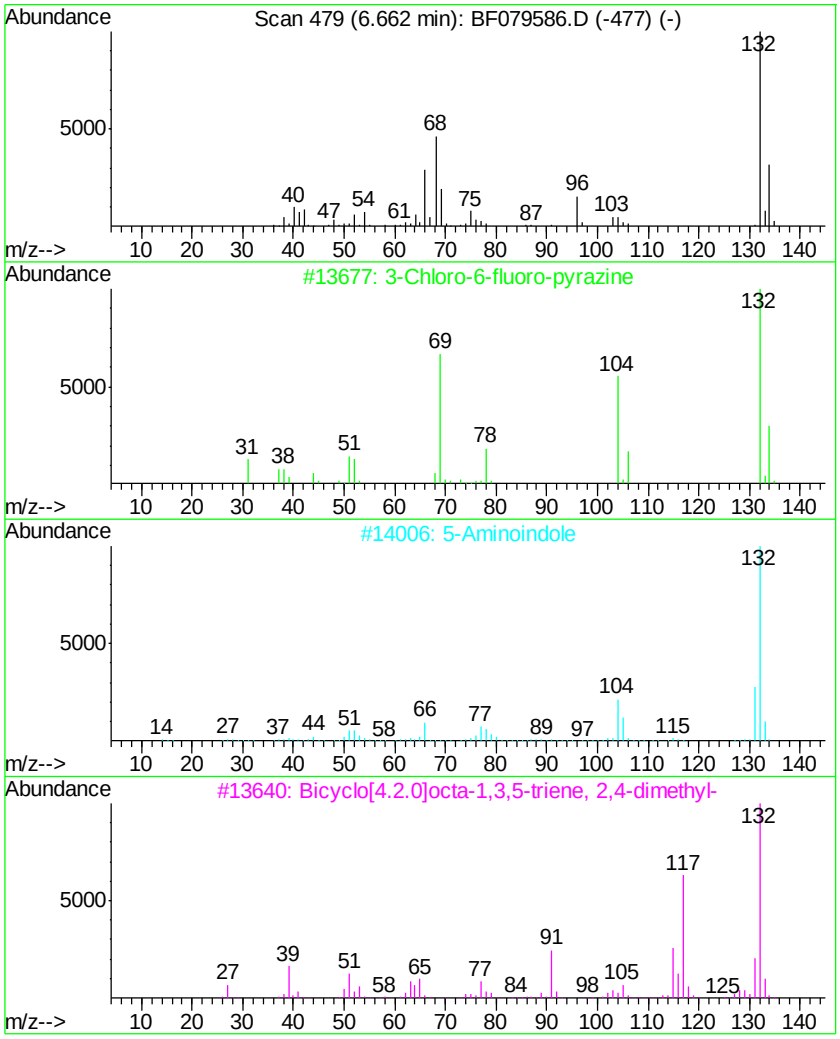
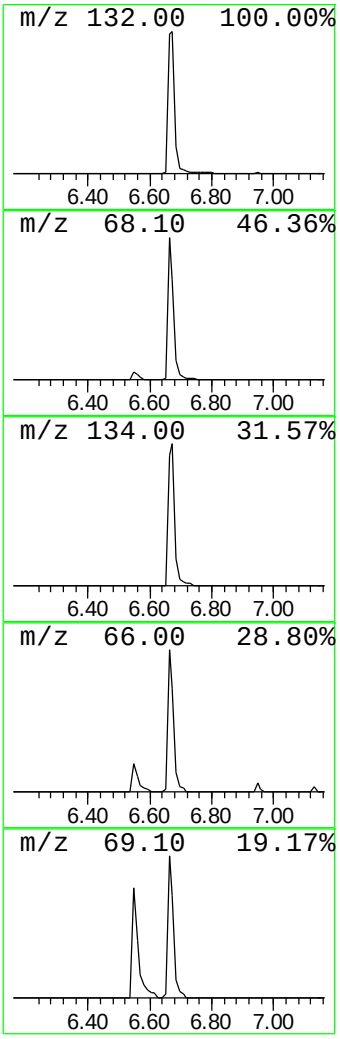
Peak Number 3 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	13.47 ng	315631	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : G2294-02 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

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

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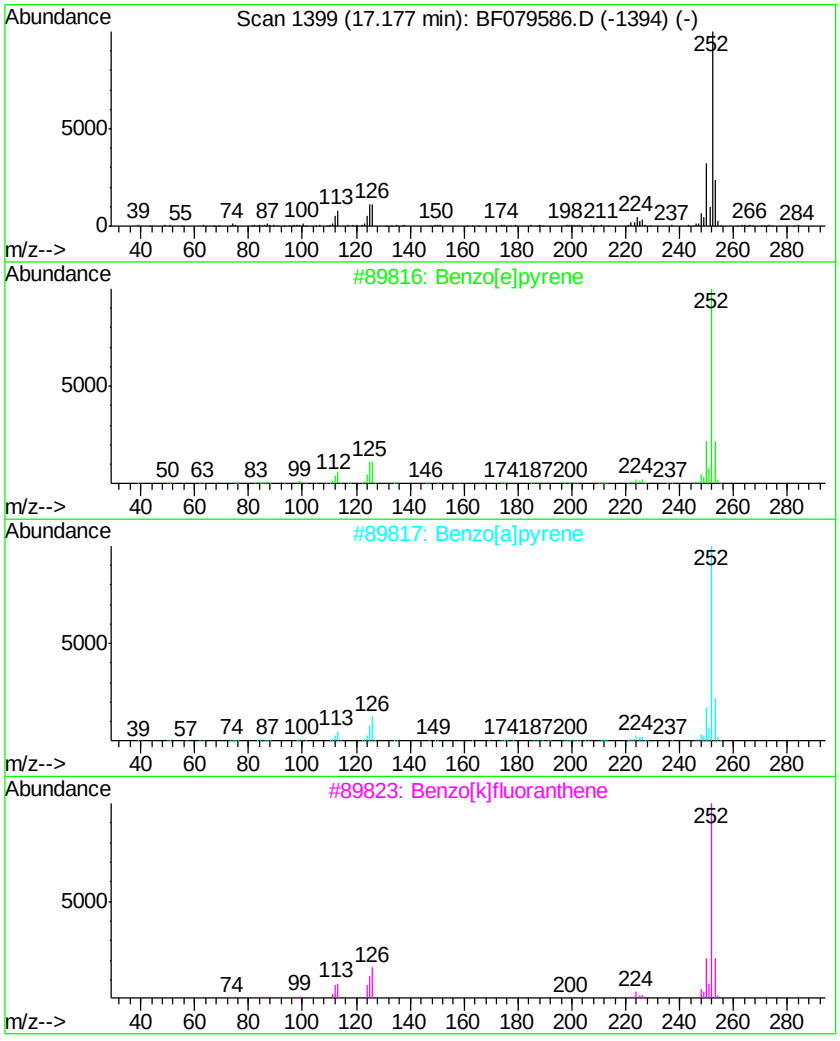
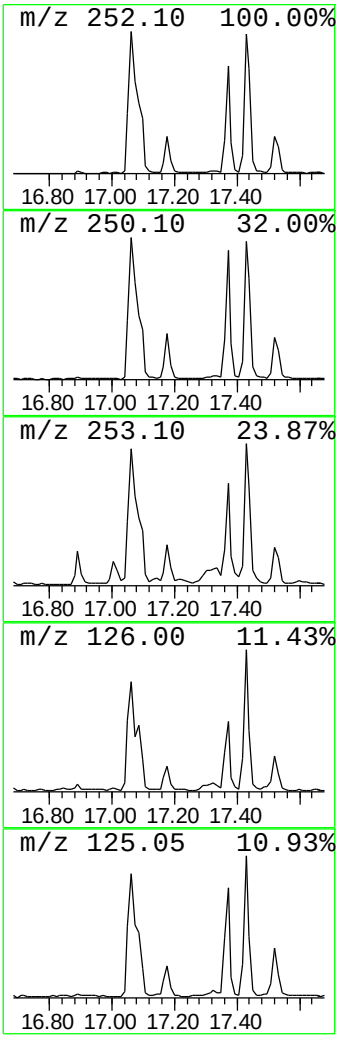
Peak Number 5 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	8.08 ng	279346	Perylene-d12	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Sample : G2294-02 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

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

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TIC Integration Parameters: LSCINT.P

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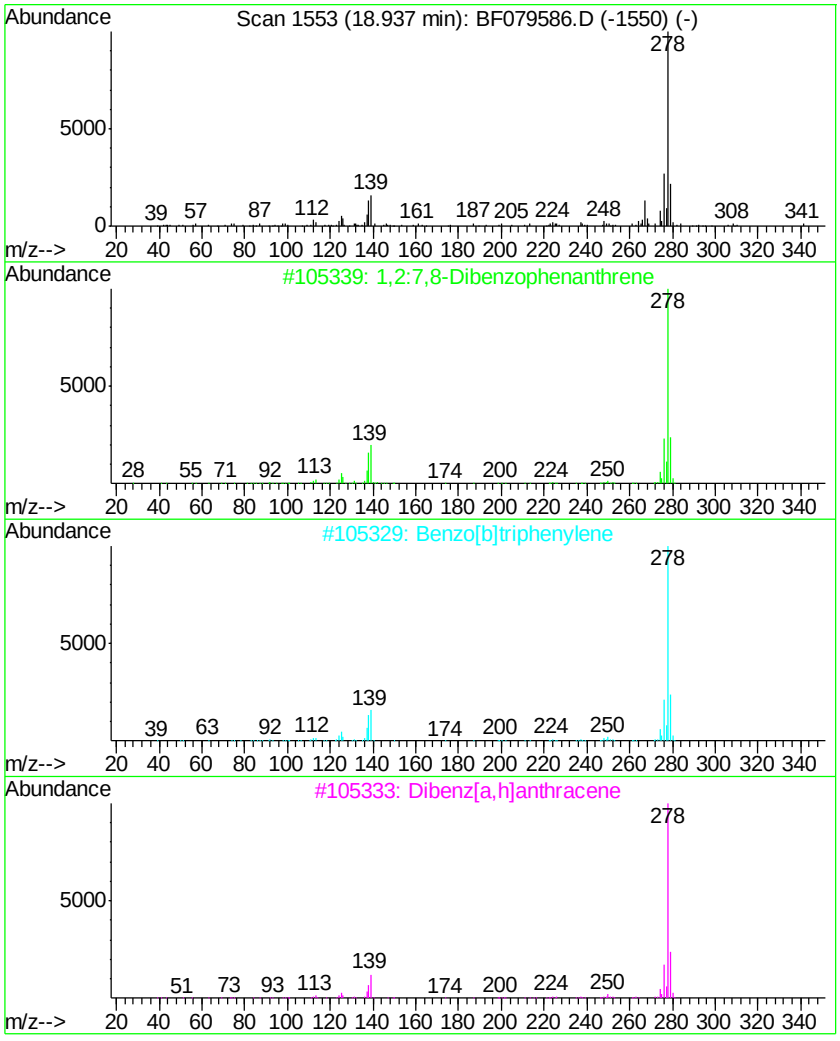
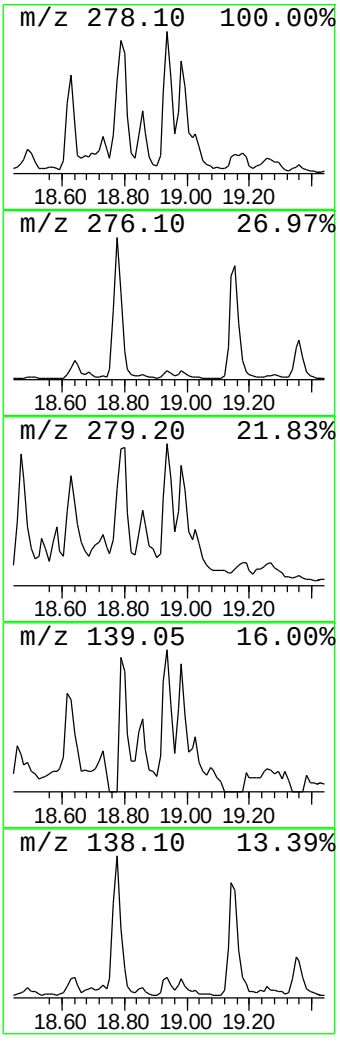
Peak Number 7 1,2:7,8-Dibenzophenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	6.57 ng	227220	Perylene-d12	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	89
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89





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Misc :
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Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

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

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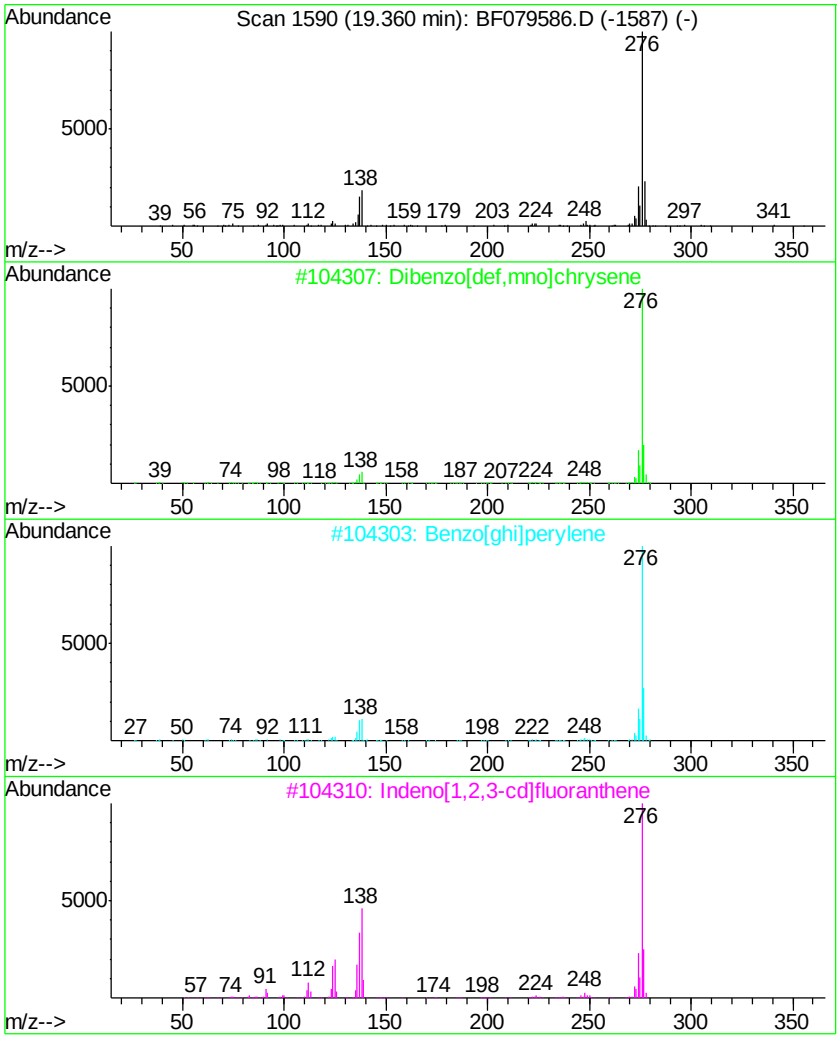
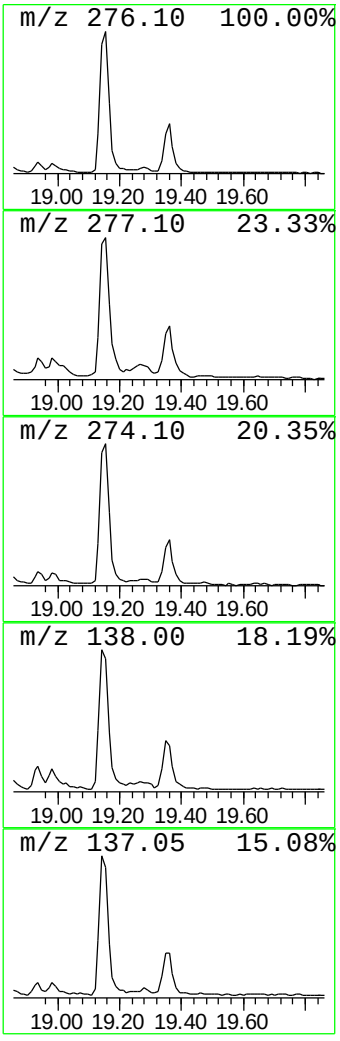
Peak Number 8 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	8.80 ng	304267	Perylene-d12	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





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Misc :
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Instrument : BNA_F
ClientSampleId : HY-SB402A(2.0-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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TIC Library : C:\DATABASE\NIST02.L
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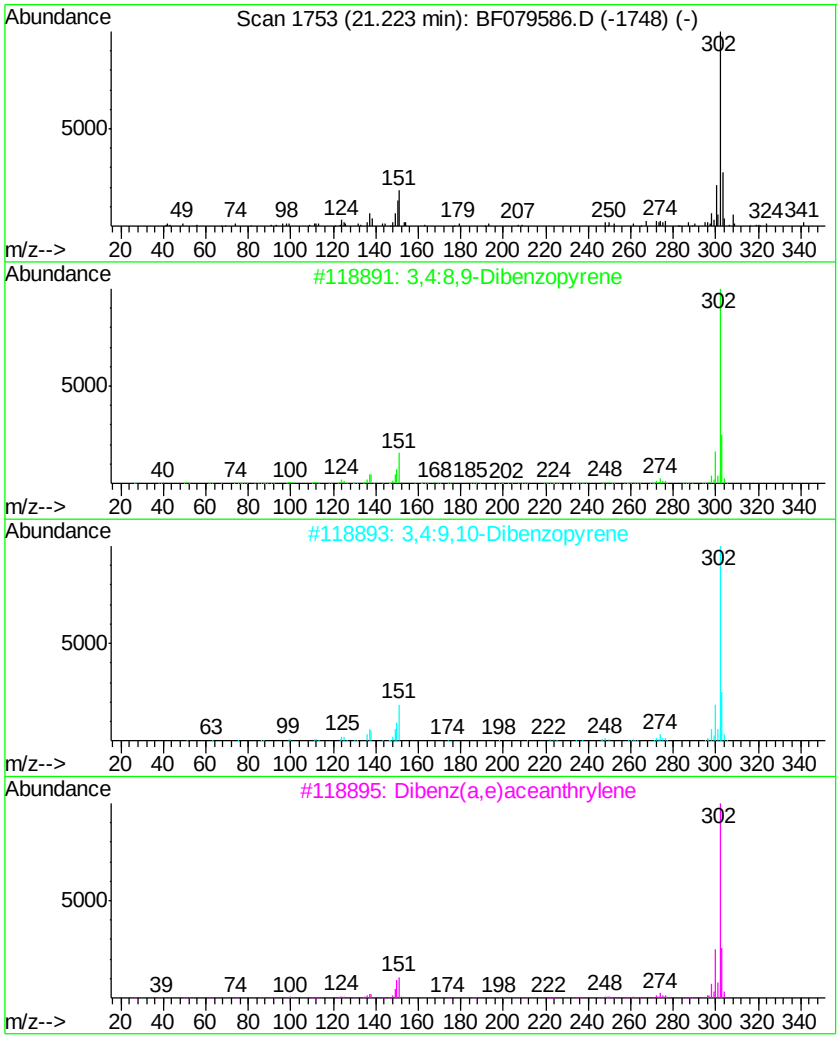
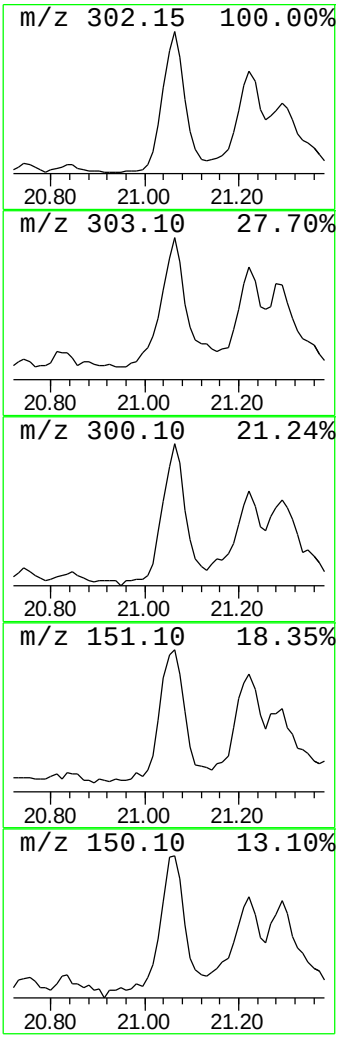
Peak Number 10 3,4:8,9-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	5.88 ng	203348	Perylene-d12	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86





Tentatively Identified Compound (LSC) summary

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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
unknown6.66	6.66	13.5	ng	315631	1	6.95	468582	20.0
Benzo[e]pyrene	17.18	8.1	ng	279346	6	17.50	691769	20.0
1,2:7,8-Dibenzoph...	18.94	6.6	ng	227220	6	17.50	691769	20.0
Dibenzo[def,mno]c...	19.36	8.8	ng	304267	6	17.50	691769	20.0
3,4:8,9-Dibenzopy...	21.22	5.9	ng	203348	6	17.50	691769	20.0