

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009611.D
 Acq On : 06 Feb 2020 15:44
 Operator : CG/JU
 Sample : L1271-06MEDL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 06 21:08:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	142743	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	599646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	368334	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	748594	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	681795	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	750493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	117	0.03	ng/uL	0.00
5) Phenol-d5	6.65	99	8901	0.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	7630	0.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	8029	0.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	8121	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	4251	0.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	4101	0.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7461	0.80	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	11658	1.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	31774	1.18	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	35061	1.08	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.34	143	369	0.07	ng/ul	0.03
57) Fluorene-d10	15.07	176	28166	1.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	1316	0.28	ng/ul	0.02
70) Anthracene-d10	16.93	188	44908	1.32	ng/ul	0.00
78) Pyrene-d10	19.23	212	46104	1.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	46567	1.26	ng/ul	0.00

Target Compounds

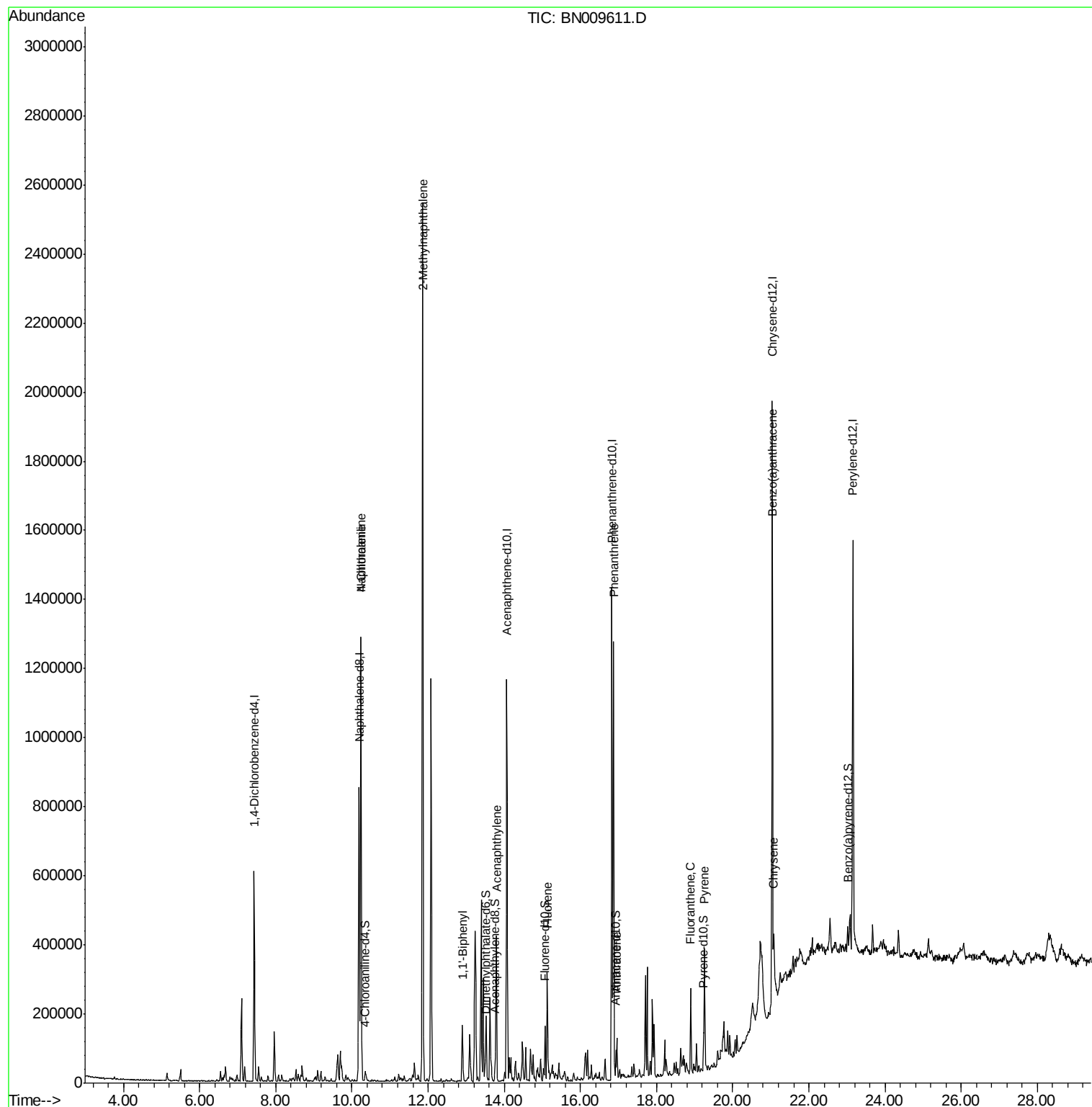
					Ovalue	
28) Naphthalene	10.23	128	906428	27.874	ng/ul	99
30) 4-Chloroaniline	10.23	127	117274	11.329	ng/ul#	5
34) 2-Methylnaphthalene	11.86	142	1106762	48.635	ng/ul	97
40) 1,1'-Biphenyl	12.90	154	75651	2.638	ng/ul	99
47) Acenaphthylene	13.79	152	234421	6.593	ng/ul	99
58) Fluorene	15.13	166	139694	4.966	ng/ul	98
69) Phenanthrene	16.87	178	700968	16.419	ng/ul	99
71) Anthracene	16.96	178	68429	1.580	ng/ul	98
76) Fluoranthene	18.90	202	124457	2.554	ng/ul	99
79) Pyrene	19.26	202	200363	4.026	ng/ul	98
82) Benzo(a)anthracene	21.03	228	72157	1.533	ng/ul#	87
84) Chrysene	21.07	228	61829	1.319	ng/ul	97

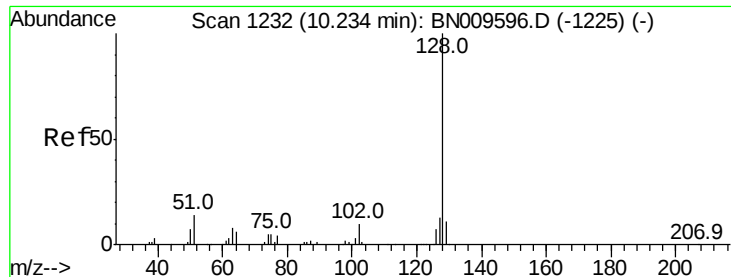
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

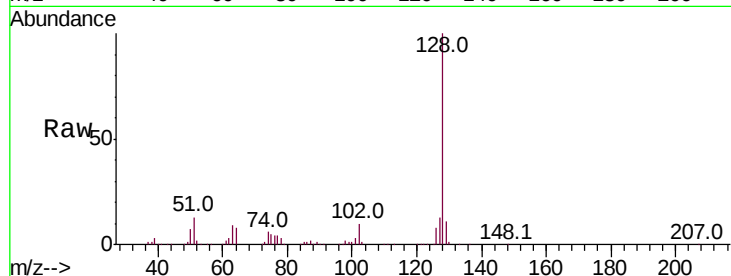




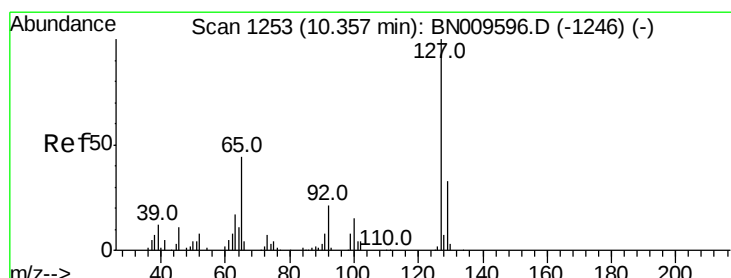
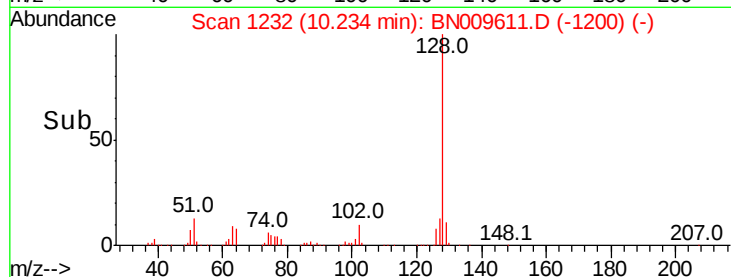
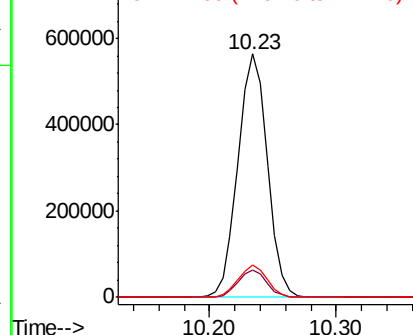
#28
Naphthalene
Concen: 27.874 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 906428
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.7 16.1

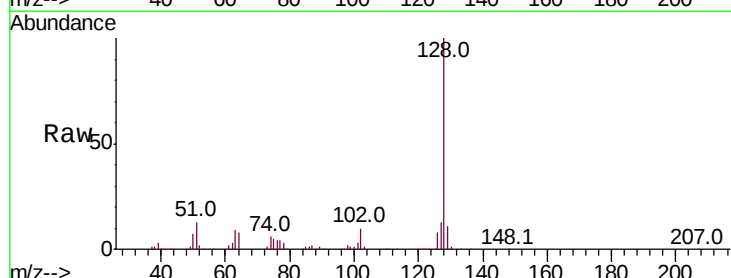


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

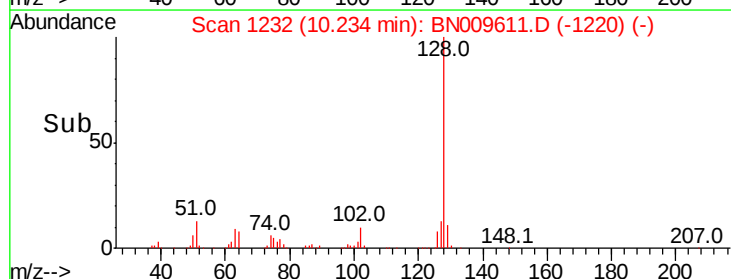
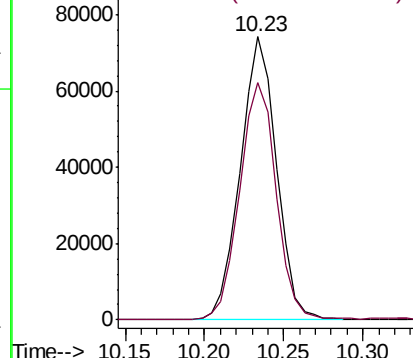


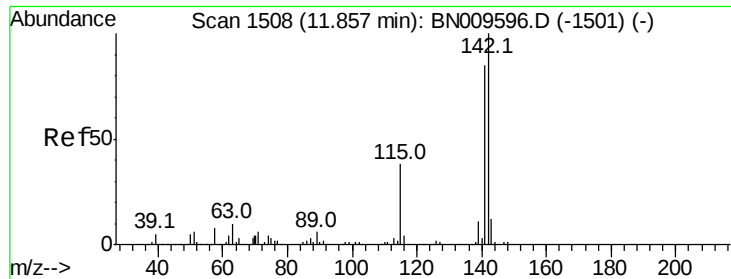
#30
4-Chloroaniline
Concen: 11.329 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

Tgt Ion:127 Resp: 117274
Ion Ratio Lower Upper
127 100
129 83.9 25.2 37.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

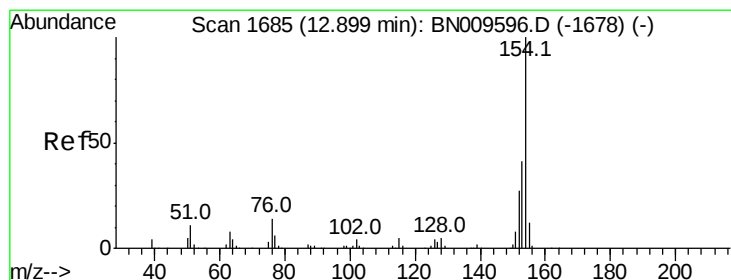
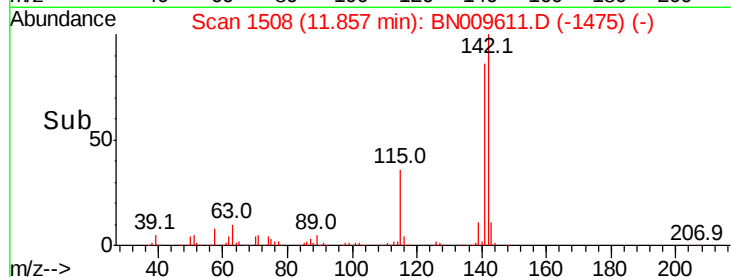
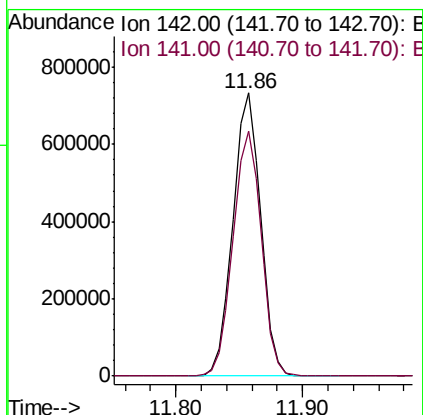
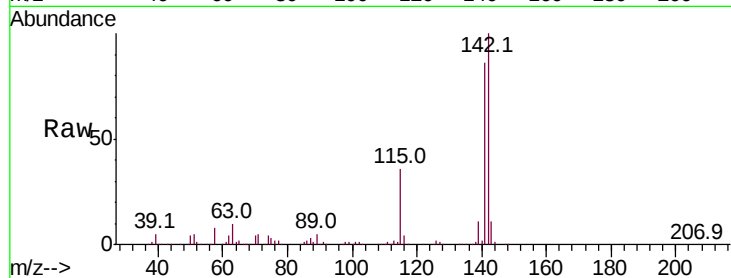




#34
 2-Methylnaphthalene
 Concen: 48.635 ng/ul
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BN009611.D
 Acq: 06 Feb 2020 15:44

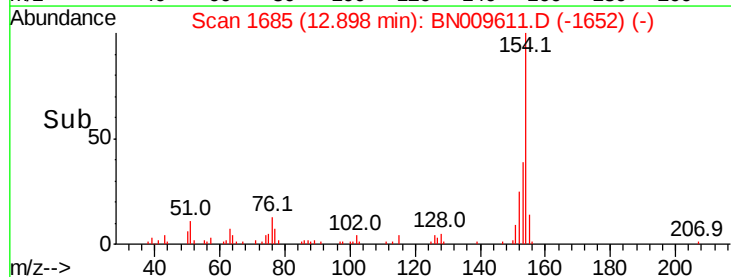
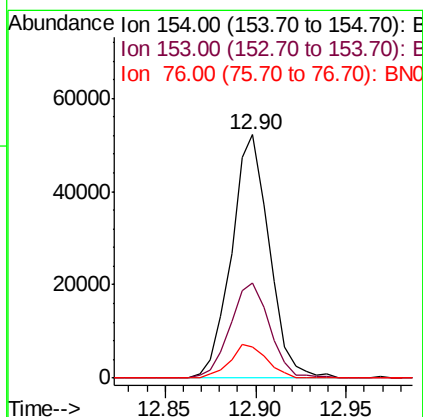
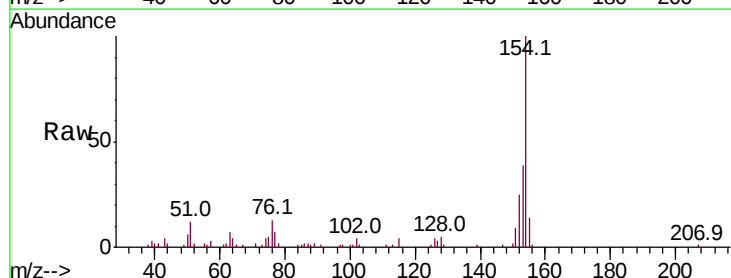
Instrument :
 BNA_N
 ClientSampleId :

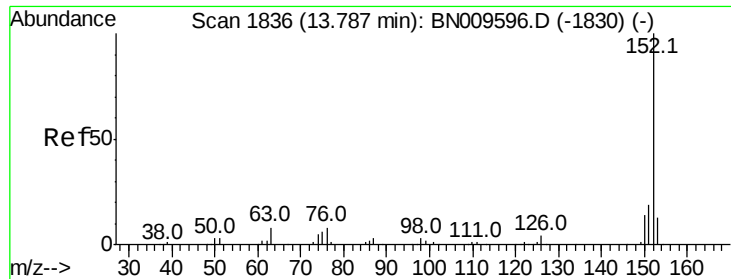
Tot Ion:142 Resp: 1106762
 Ion Ratio Lower Upper
 142 100
 141 86.4 71.5 107.3



#40
 1,1'-Biphenyl
 Concen: 2.638 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BN009611.D
 Acq: 06 Feb 2020 15:44

Tgt Ion:154 Resp: 75651
 Ion Ratio Lower Upper
 154 100
 153 39.3 31.2 46.8
 76 13.0 11.4 17.2





#47

Acenaphthylene

Concen: 6.593 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN009611.D

Acq: 06 Feb 2020 15:44

Instrument :

BNA_N

ClientSampleId :

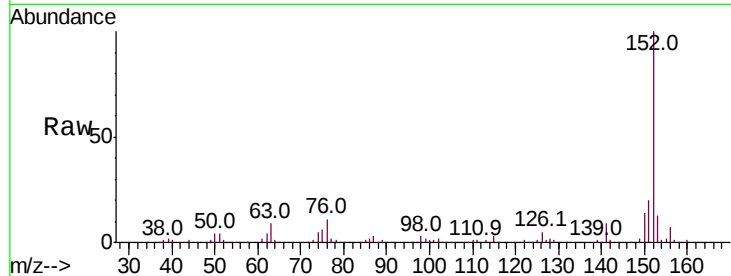
Tot Ion:152 Resp: 234421

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

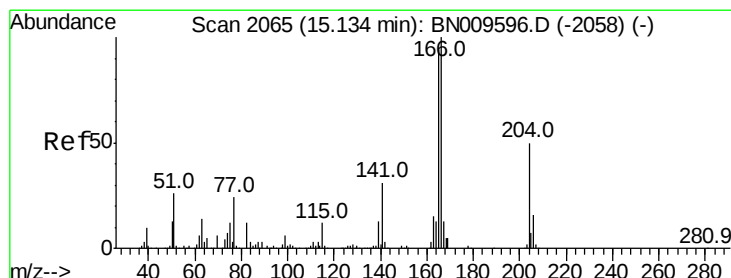
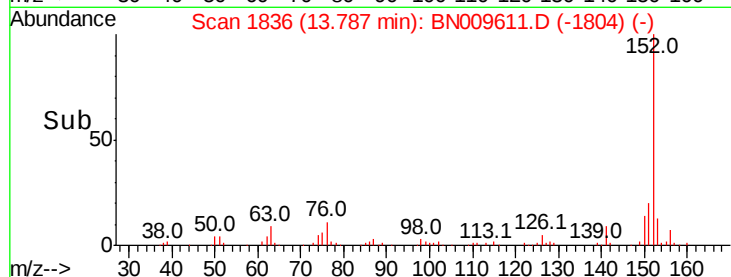
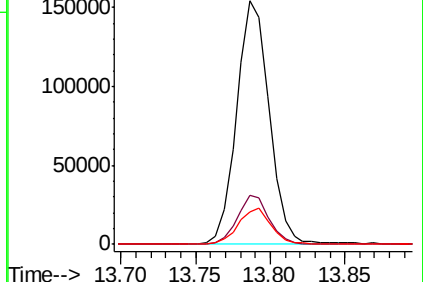
153 13.5 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#58

Fluorene

Concen: 4.966 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN009611.D

Acq: 06 Feb 2020 15:44

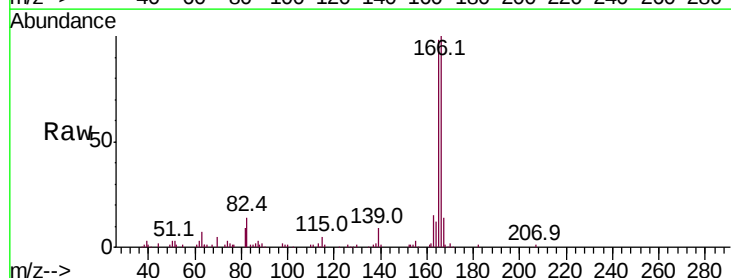
Tgt Ion:166 Resp: 139694

Ion Ratio Lower Upper

166 100

165 98.3 76.7 115.1

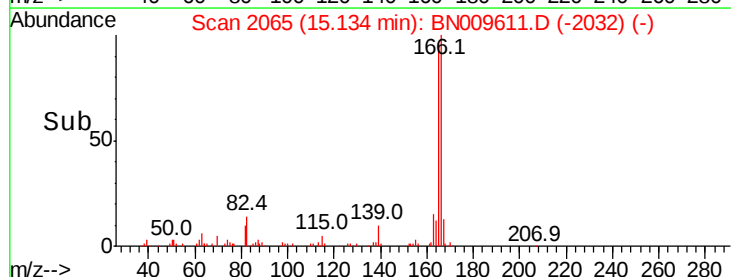
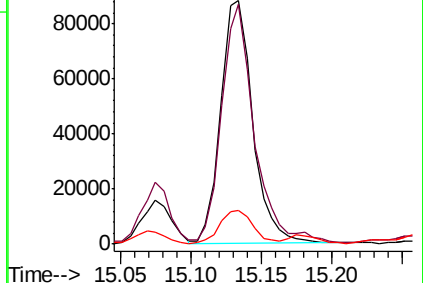
167 13.9 11.1 16.7

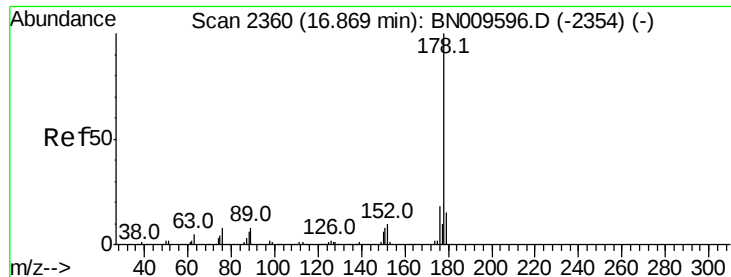


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

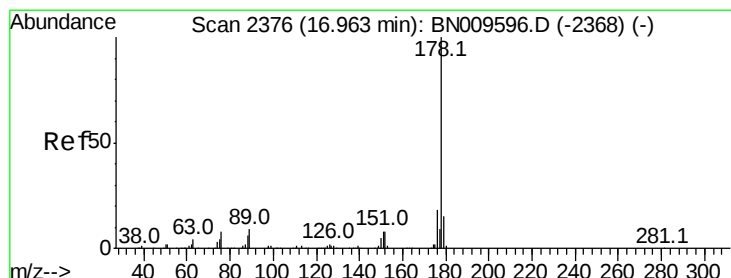
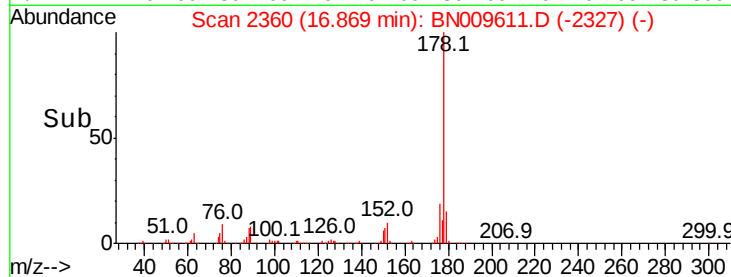
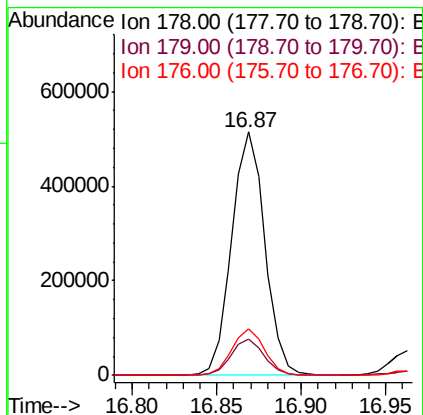
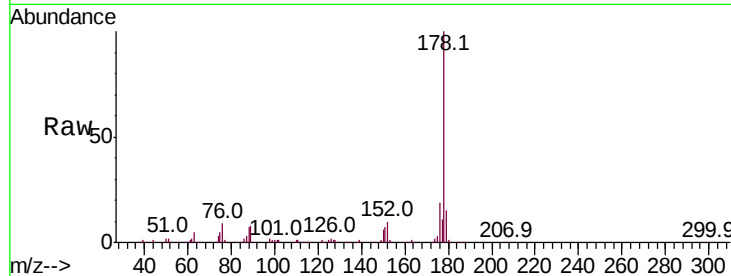




#69
 Phenanthrene
 Concen: 16.419 ng/ul
 RT: 16.87 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BN009611.D
 Acq: 06 Feb 2020 15:44

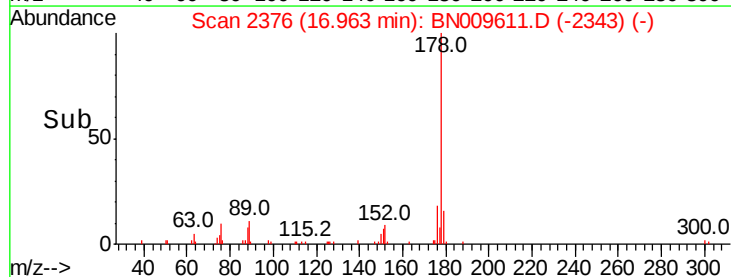
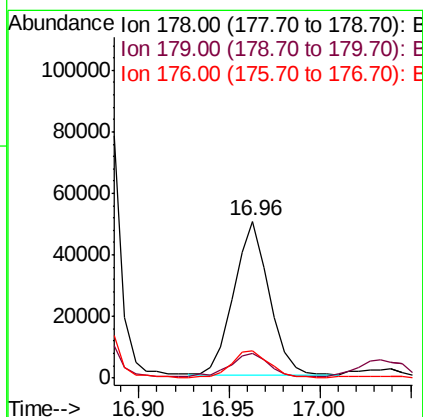
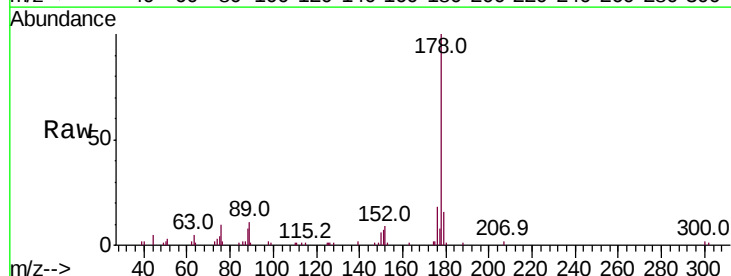
Instrument :
 BNA_N
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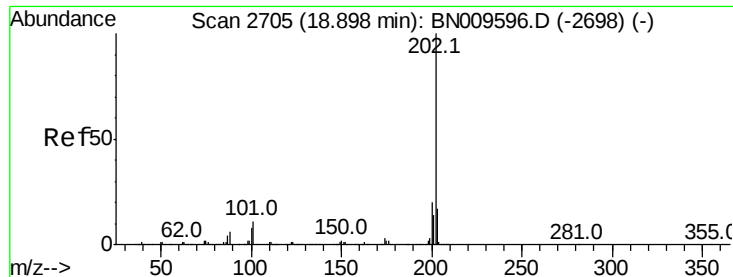
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	19.0	14.8	22.2



#71
 Anthracene
 Concen: 1.580 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009611.D
 Acq: 06 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	17.8	14.6	21.8

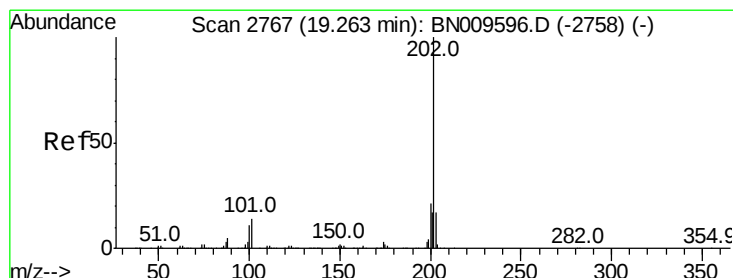
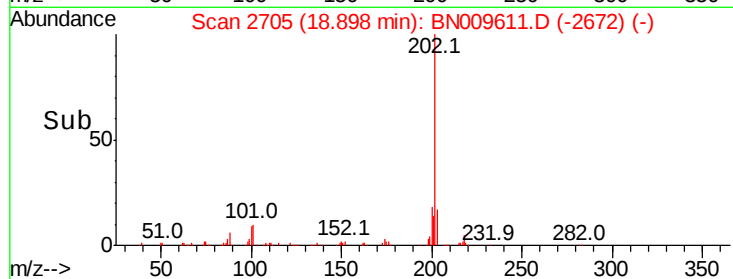
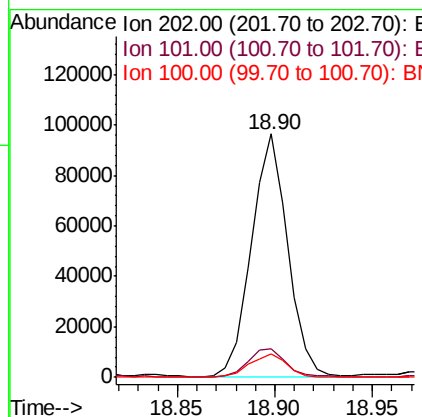
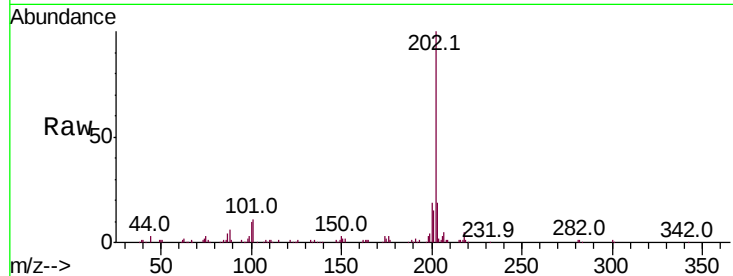




#76
Fluoranthene
Concen: 2.554 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

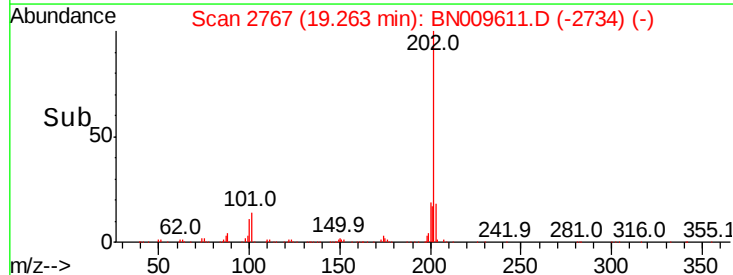
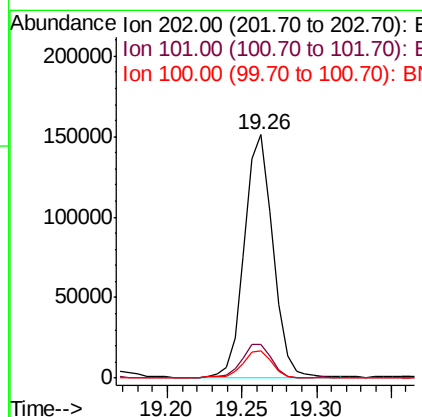
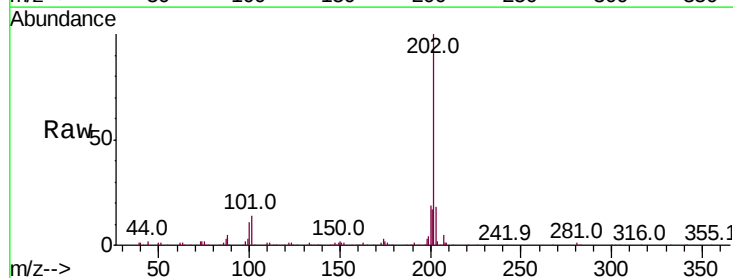
Instrument :
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ClientSampleId :

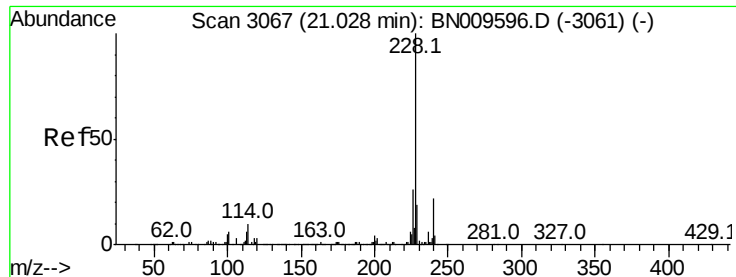
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	9.7	6.9	10.3



#79
Pyrene
Concen: 4.026 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
100	11.1	8.4	12.6

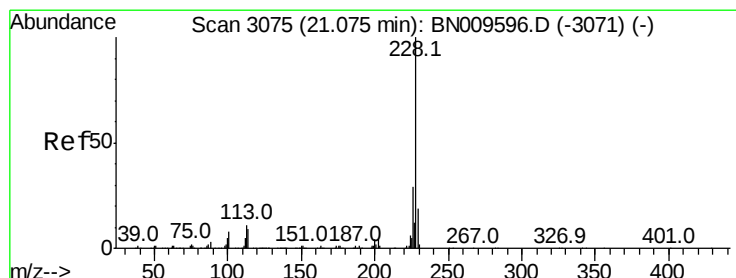
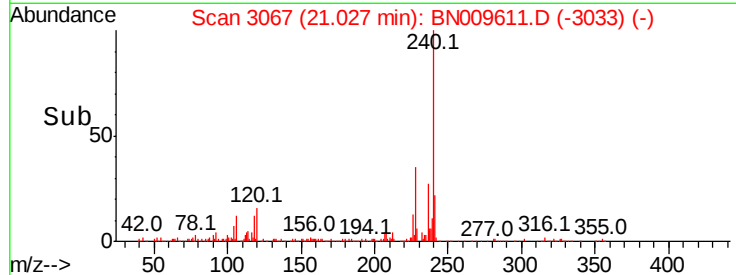
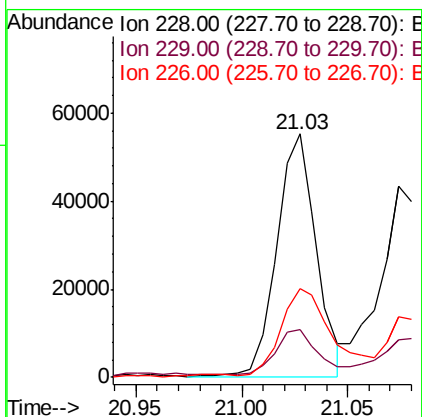
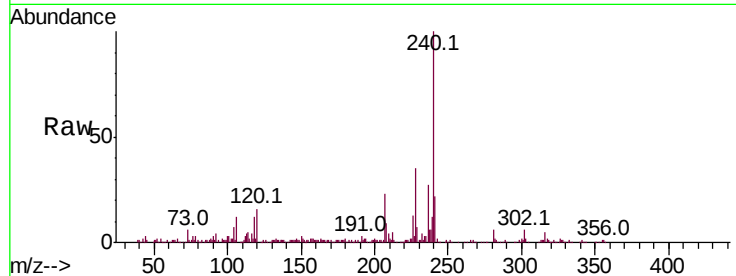




#82
Benzo(a)anthracene
Concen: 1.533 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

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BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.0	22.4
226	36.6	20.9	31.3#



#84
Chrysene
Concen: 1.319 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009611.D
Acq: 06 Feb 2020 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.5	35.3
229	19.9	15.8	23.8

