

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009819.D
 Acq On : 21 Feb 2020 22:06
 Operator : CG/JU
 Sample : L1535-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 22:37:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	105268	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	439275	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	273646	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	571465	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	520626	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	597057	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	3500	1.37	ng/uL	0.00
5) Phenol-d5	6.60	99	48343	5.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	41438	6.71	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	42308	6.28	ng/ul	-0.02
13) 4-Methylphenol-d8	8.12	113	36133	5.07	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	19174	5.97	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	20144	5.73	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.80	165	37697	5.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	48981	6.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	141546	6.93	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	159324	6.62	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	7189	1.93	ng/ul	0.01
58) Fluorene-d10	15.04	176	122250	6.93	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	10291	2.90	ng/ul	0.00
71) Anthracene-d10	16.89	188	181752	6.94	ng/ul	-0.02
79) Pyrene-d10	19.19	212	214625	7.89	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	226017	7.58	ng/ul	-0.03

Target Compounds

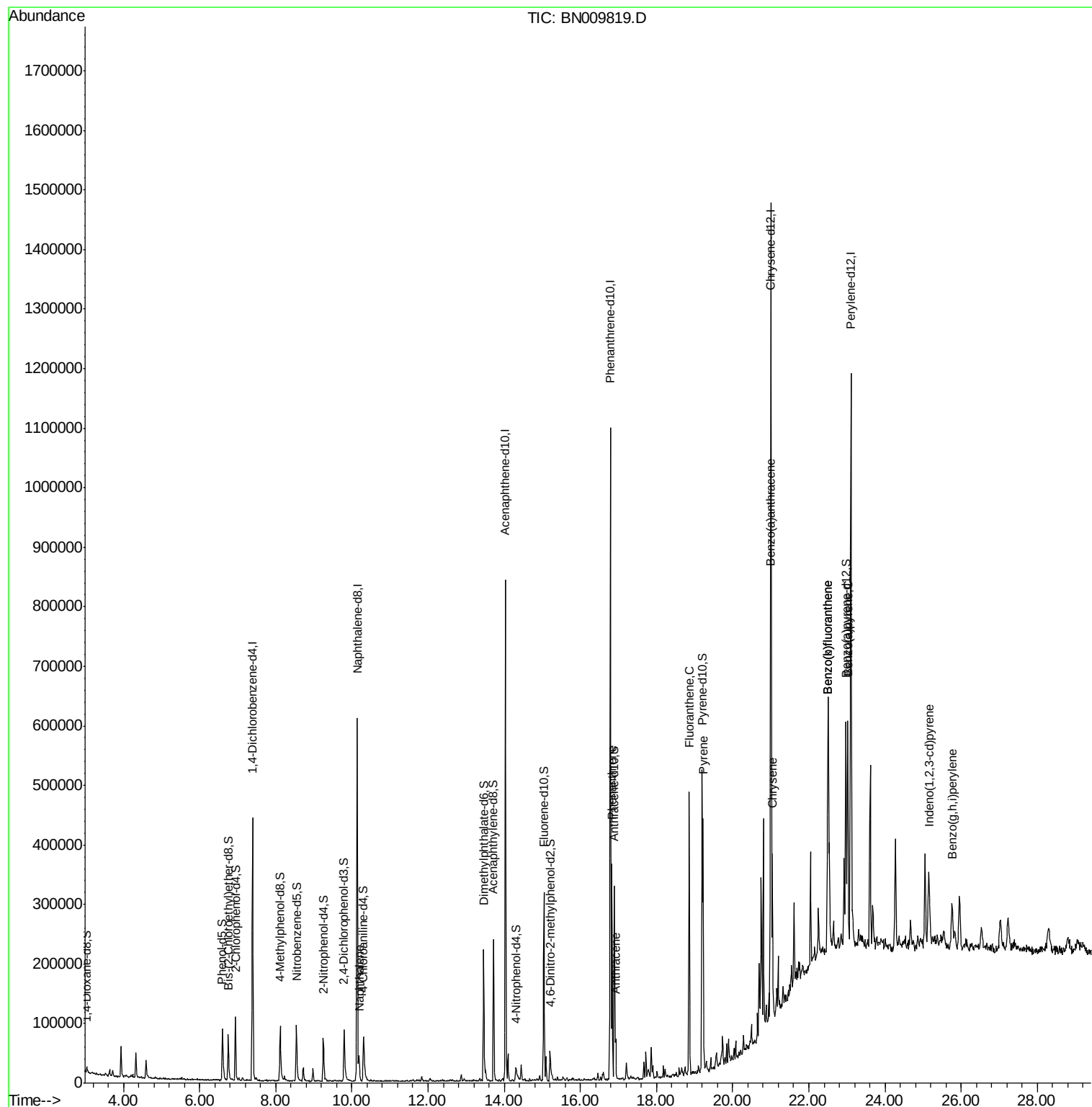
					Ovalue
28) Naphthalene	10.19	128	28938	1.222 ng/ul	99
70) Phenanthrene	16.83	178	198232	6.078 ng/ul	98
72) Anthracene	16.93	178	40382	1.211 ng/ul	99
77) Fluoranthene	18.86	202	272697	7.138 ng/ul	97
80) Pyrene	19.22	202	244633	6.517 ng/ul	99
83) Benzo(a)anthracene	20.99	228	140689	3.932 ng/ul	96
85) Chrysene	21.04	228	136163	3.866 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	184457	4.765 ng/ul	99
89) Benzo(k)fluoranthene	22.49	252	184457	5.032 ng/ul	97
91) Benzo(a)pyrene	23.02	252	122835	3.528 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	88753	2.147 ng/ul	93
94) Benzo(g,h,i)perylene	25.76	276	78962	2.278 ng/ul	98

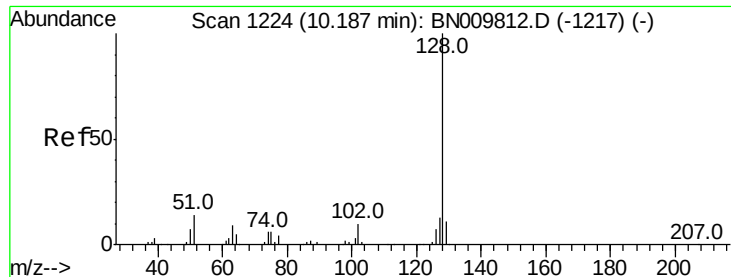
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

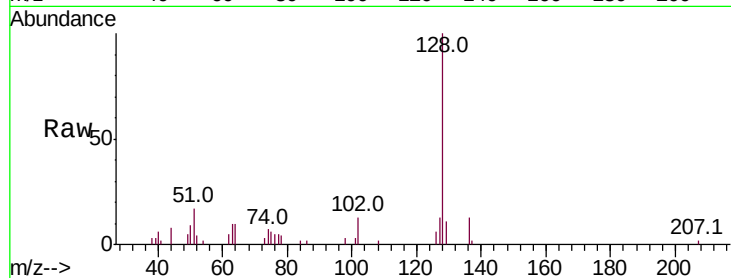




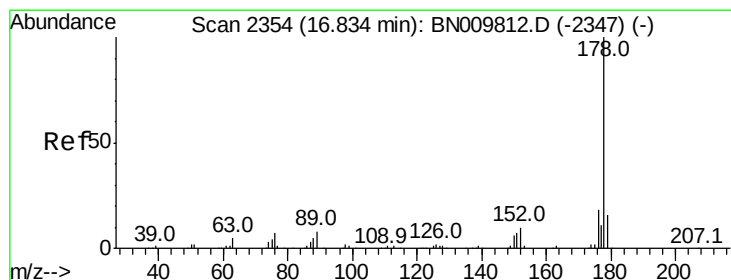
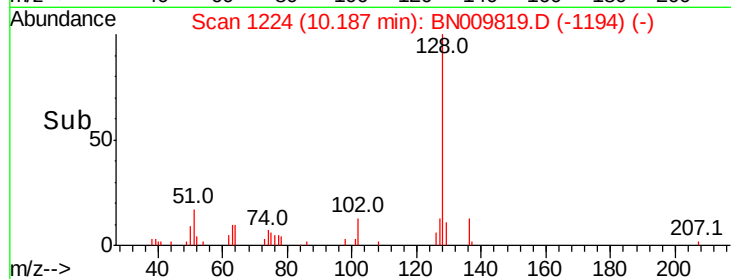
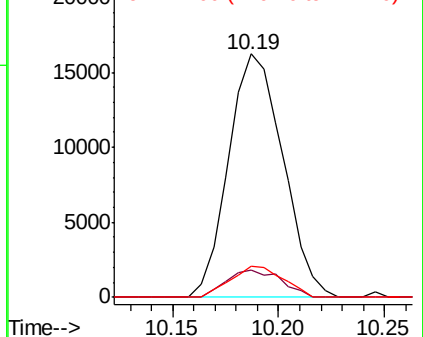
#28
Naphthalene
Concen: 1.222 ng/ul
RT: 10.19 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 28938
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.8 10.3 15.5

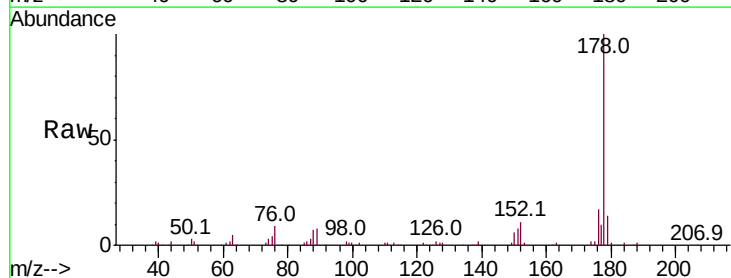


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

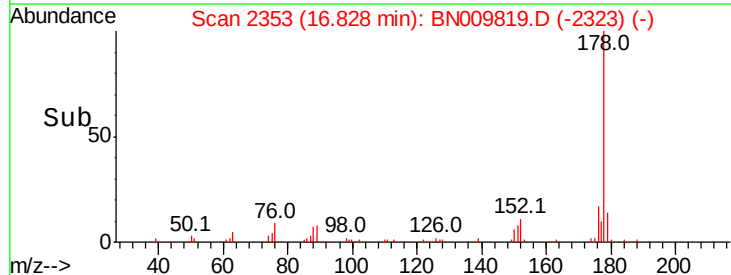
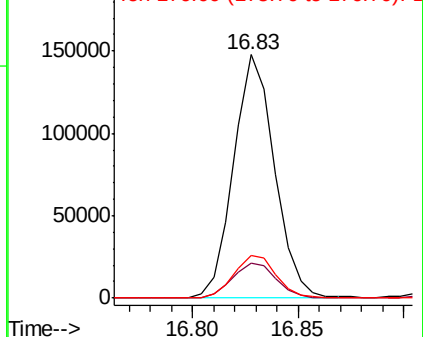


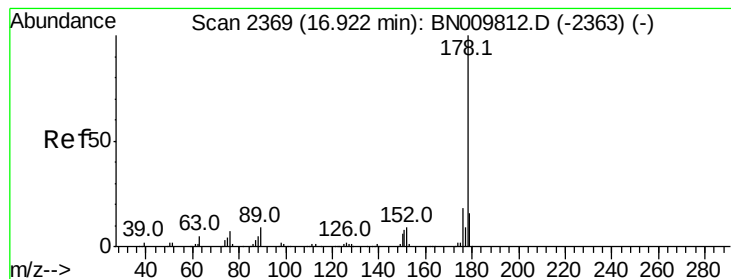
#70
Phenanthrene
Concen: 6.078 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion:178 Resp: 198232
Ion Ratio Lower Upper
178 100
179 14.5 12.5 18.7
176 17.4 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.211 ng/ul

RT: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BN009819.D

Acq: 21 Feb 2020 22:06

Instrument :

BNA_N

ClientSampleId :

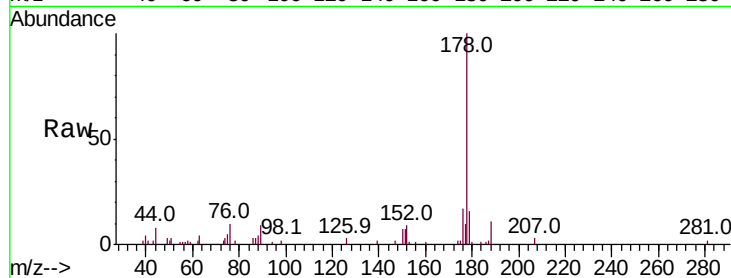
Tot Ion:178 Resp: 40382

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

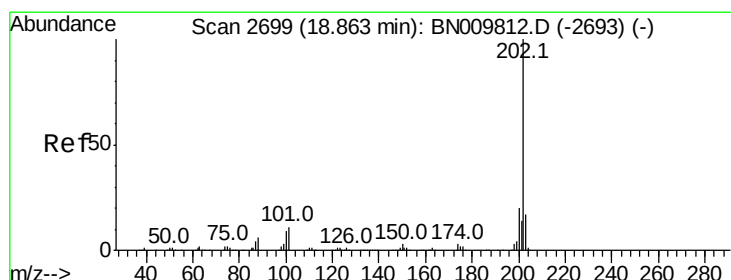
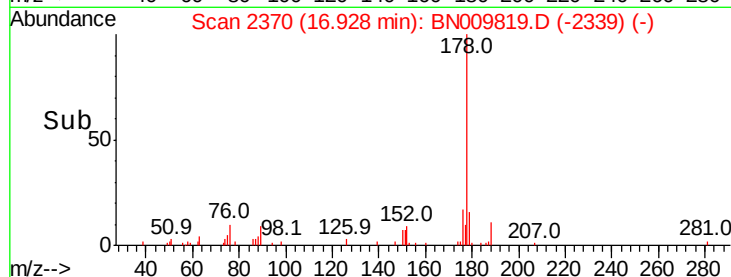
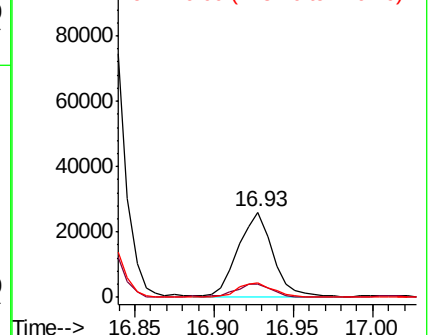
176 17.4 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 7.138 ng/ul

RT: 18.86 min Scan# 2699

Delta R.T. -0.02 min

Lab File: BN009819.D

Acq: 21 Feb 2020 22:06

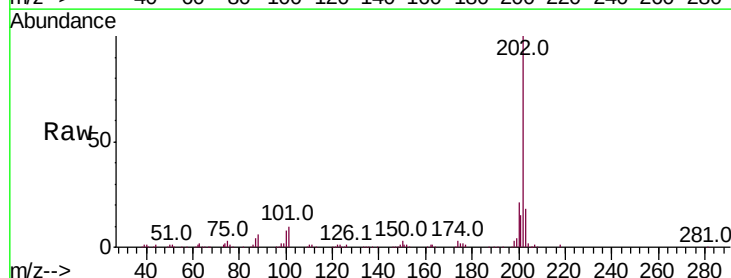
Tgt Ion:202 Resp: 272697

Ion Ratio Lower Upper

202 100

101 10.1 9.4 14.2

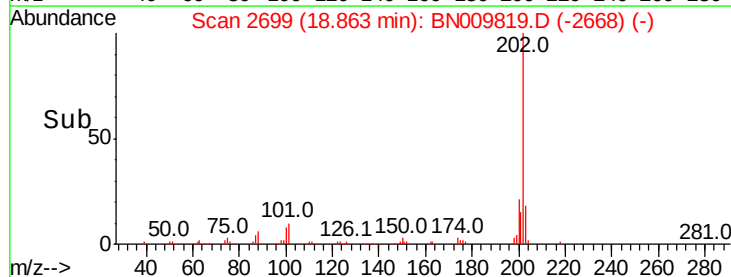
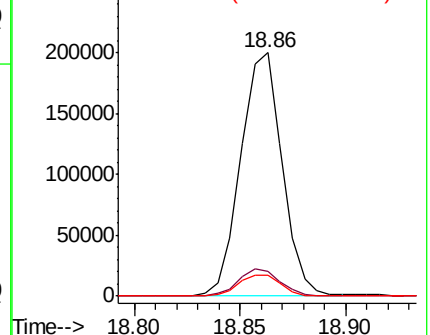
100 8.5 7.2 10.8

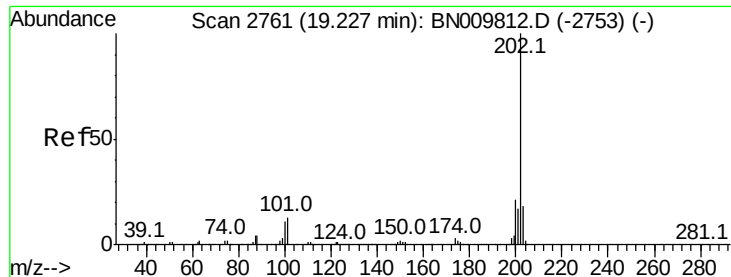


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

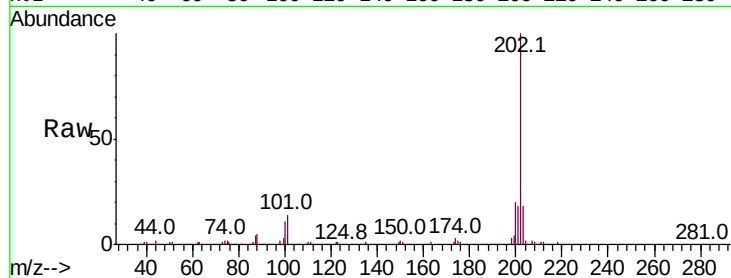




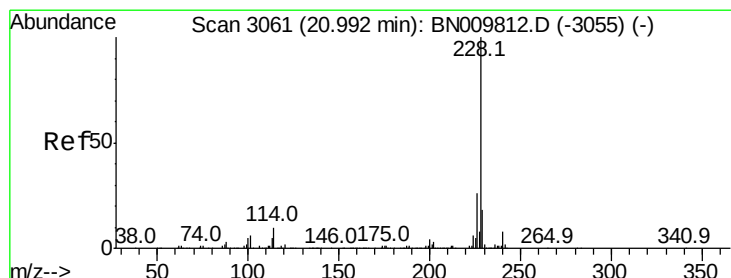
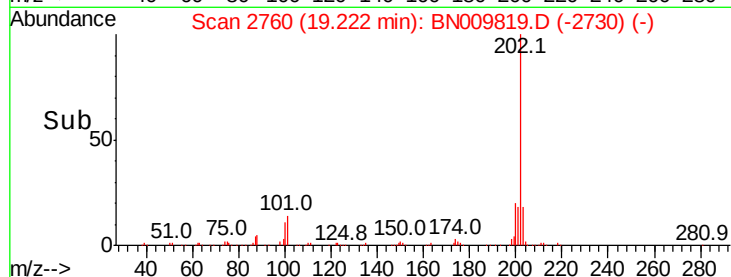
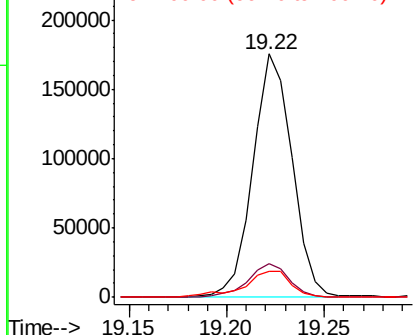
#80
 Pvrene
 Concen: 6.517 ng/ul
 RT: 19.22 min Scan# 2760
 Delta R.T. -0.02 min
 Lab File: BN009819.D
 Acq: 21 Feb 2020 22:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	10.7	9.0	13.6

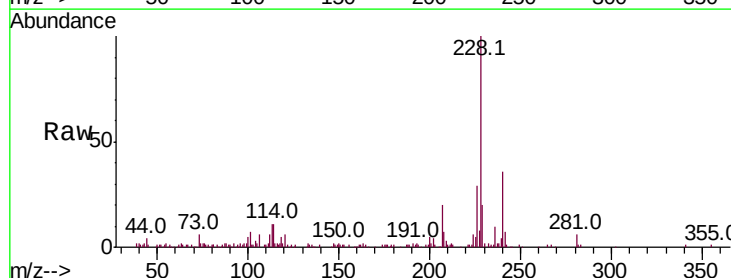


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

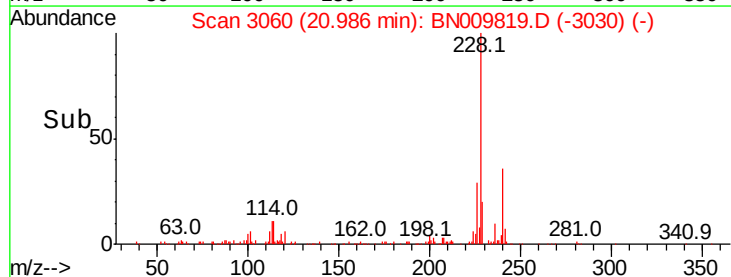
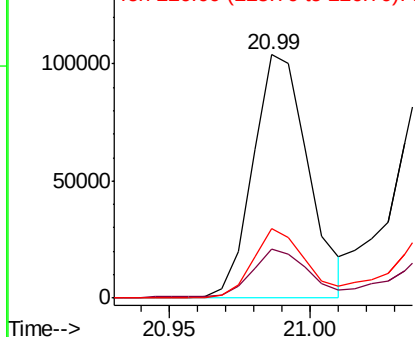


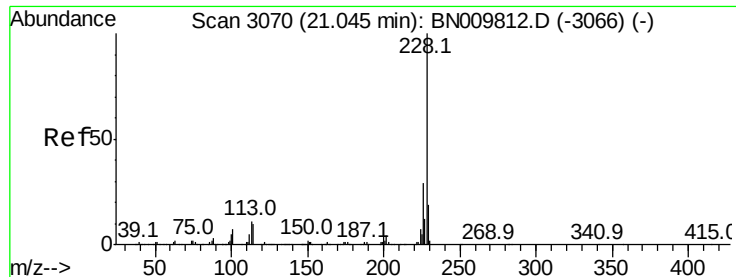
#83
 Benzo(a)anthracene
 Concen: 3.932 ng/ul
 RT: 20.99 min Scan# 3060
 Delta R.T. -0.02 min
 Lab File: BN009819.D
 Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	28.7	21.4	32.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

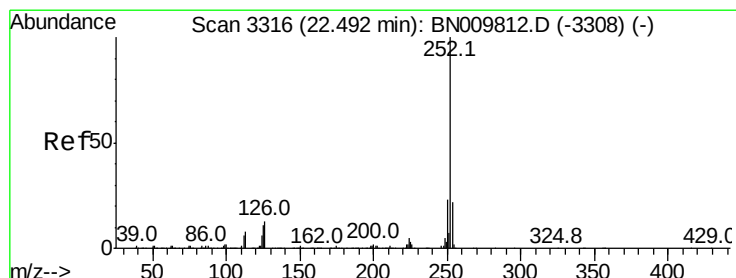
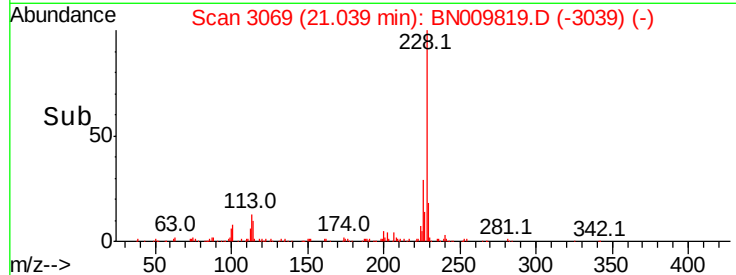
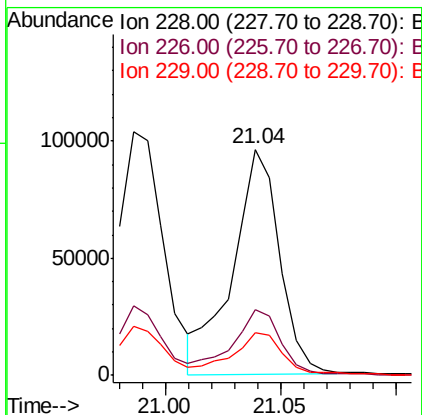
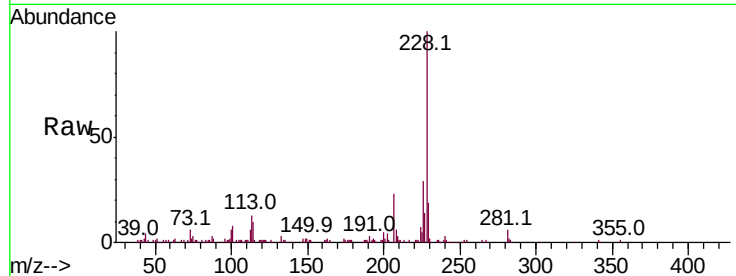




#85
 Chrysene
 Concen: 3.866 ng/ul
 RT: 21.04 min Scan# 3069
 Delta R.T. -0.02 min
 Lab File: BN009819.D
 Acq: 21 Feb 2020 22:06

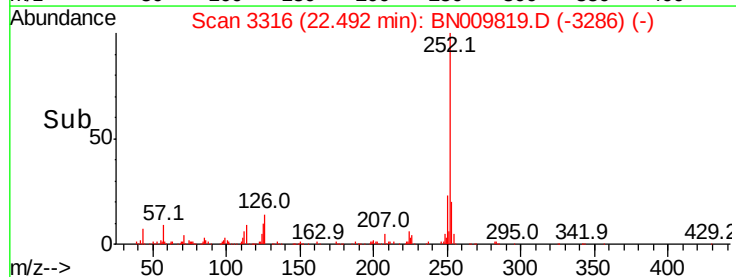
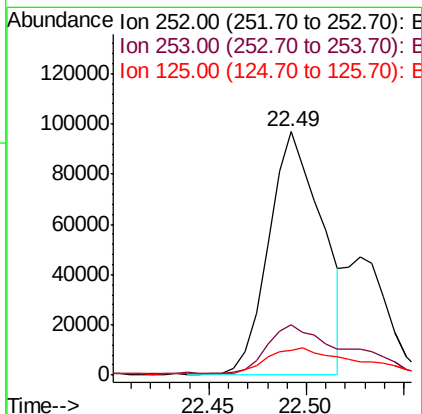
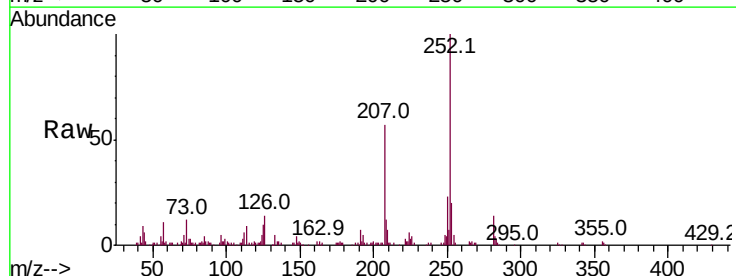
Instrument :
 BNA_N
 ClientSampled :

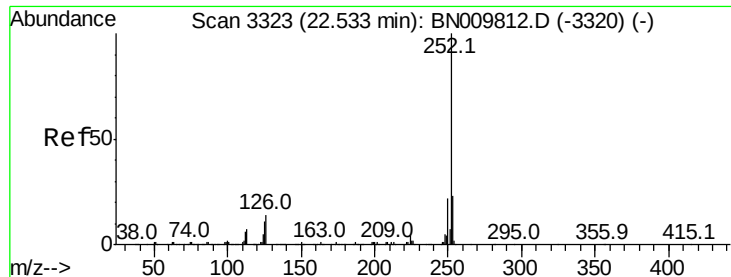
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	18.8	15.0	22.4



#88
 Benzo(b)fluoranthene
 Concen: 4.765 ng/ul
 RT: 22.49 min Scan# 3316
 Delta R.T. -0.02 min
 Lab File: BN009819.D
 Acq: 21 Feb 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.0	25.4
125	10.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 5.032 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.06 min

Lab File: BN009819.D

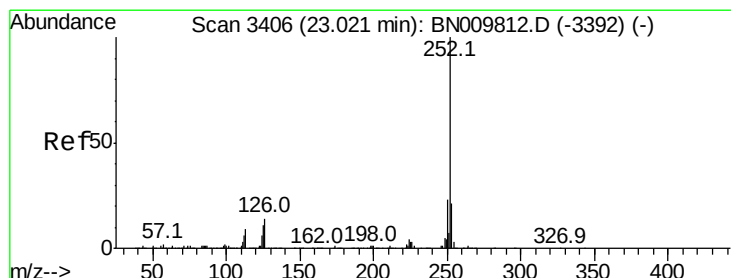
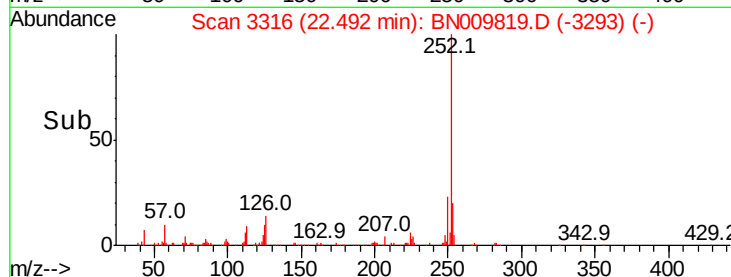
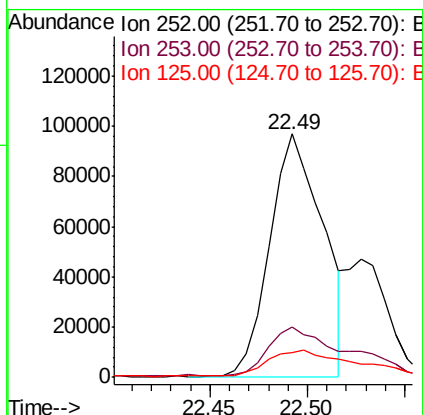
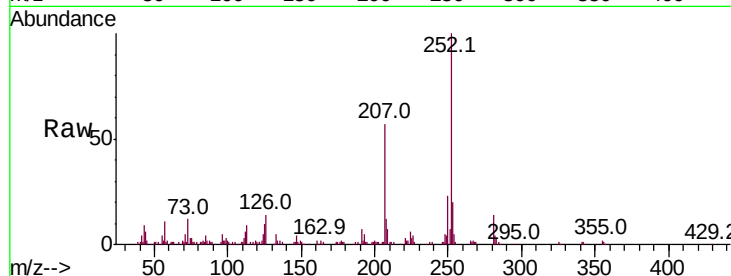
Acq: 21 Feb 2020 22:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	184457
Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.0	27.0
125	10.1	8.2	12.2



#91

Benzo(a)pyrene

Concen: 3.528 ng/ul

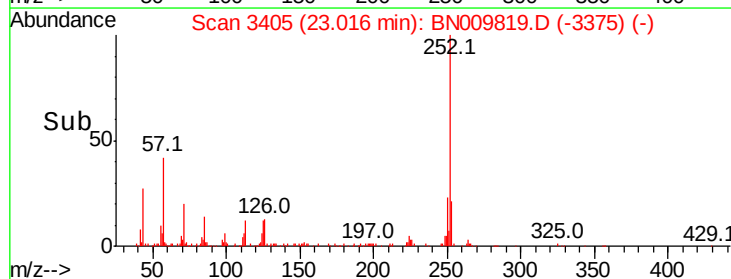
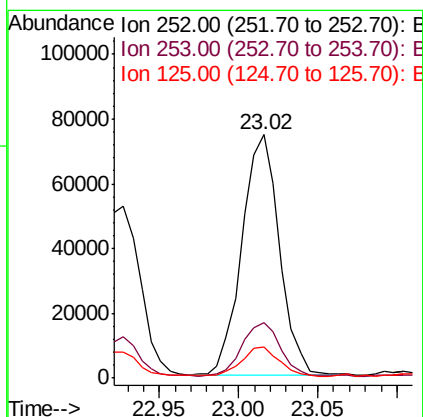
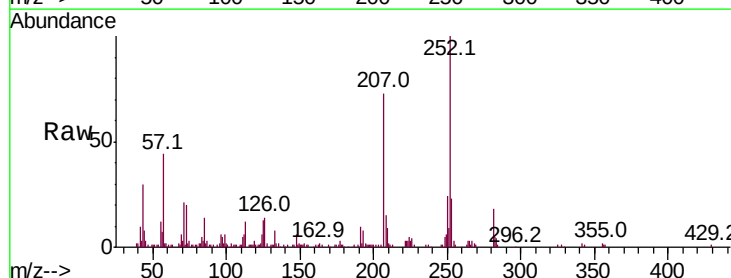
RT: 23.02 min Scan# 3405

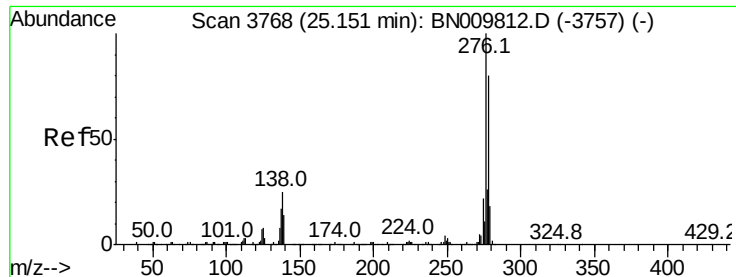
Delta R.T. -0.02 min

Lab File: BN009819.D

Acq: 21 Feb 2020 22:06

Tgt Ion:	252	Resp:	122835
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	13.0	9.0	13.6



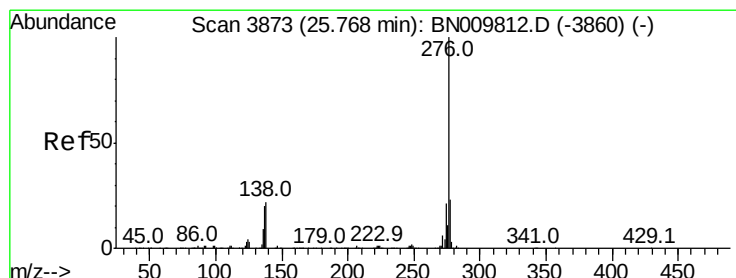
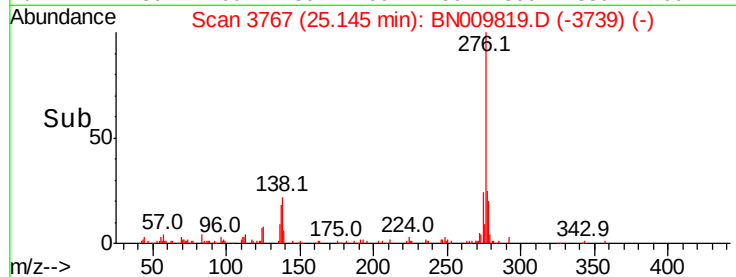
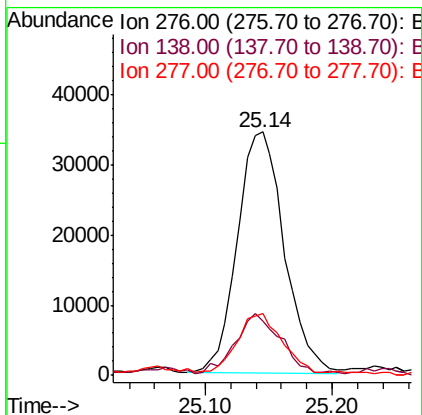
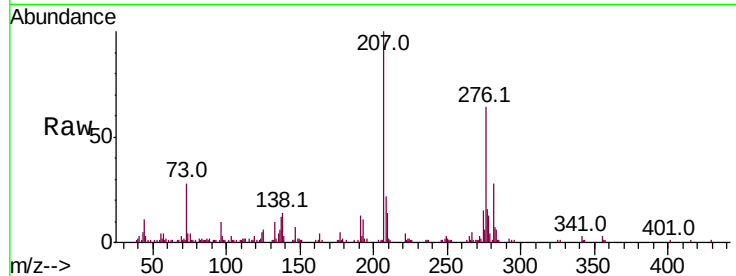


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.147 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. -0.04 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp: 88753
Ion Ratio Lower Upper
276 100
138 22.1 20.9 31.3
277 25.7 18.2 27.4



#94

Benzo(g,h,i)perylene
Concen: 2.278 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.05 min
Lab File: BN009819.D
Acq: 21 Feb 2020 22:06

Tgt Ion:276 Resp: 78962
Ion Ratio Lower Upper
276 100
138 22.6 17.5 26.3
277 21.6 18.1 27.1

