

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
 Data File : BN012044.D
 Acq On : 02 Oct 2020 19:41
 Operator : CG/JU
 Sample : L4166-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Quant Time: Oct 03 02:14:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 02:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	266630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1018119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	579672	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1174797	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1189186	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1296713	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20518	3.35	ng/uL	0.00
5) Phenol-d5	6.83	99	319911	14.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	221706	16.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	276022	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	259729	14.83	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	126835	15.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	132682	15.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	241928	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	323997	16.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	819333	18.02	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	878627	16.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	70200	8.38	ng/ul	0.00
58) Fluorene-d10	15.29	176	640726	16.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	66824	8.91	ng/ul	0.00
71) Anthracene-d10	17.14	188	928903	16.31	ng/ul	0.00
79) Pyrene-d10	19.45	212	1022432	16.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1146349	15.75	ng/ul	0.00

Target Compounds

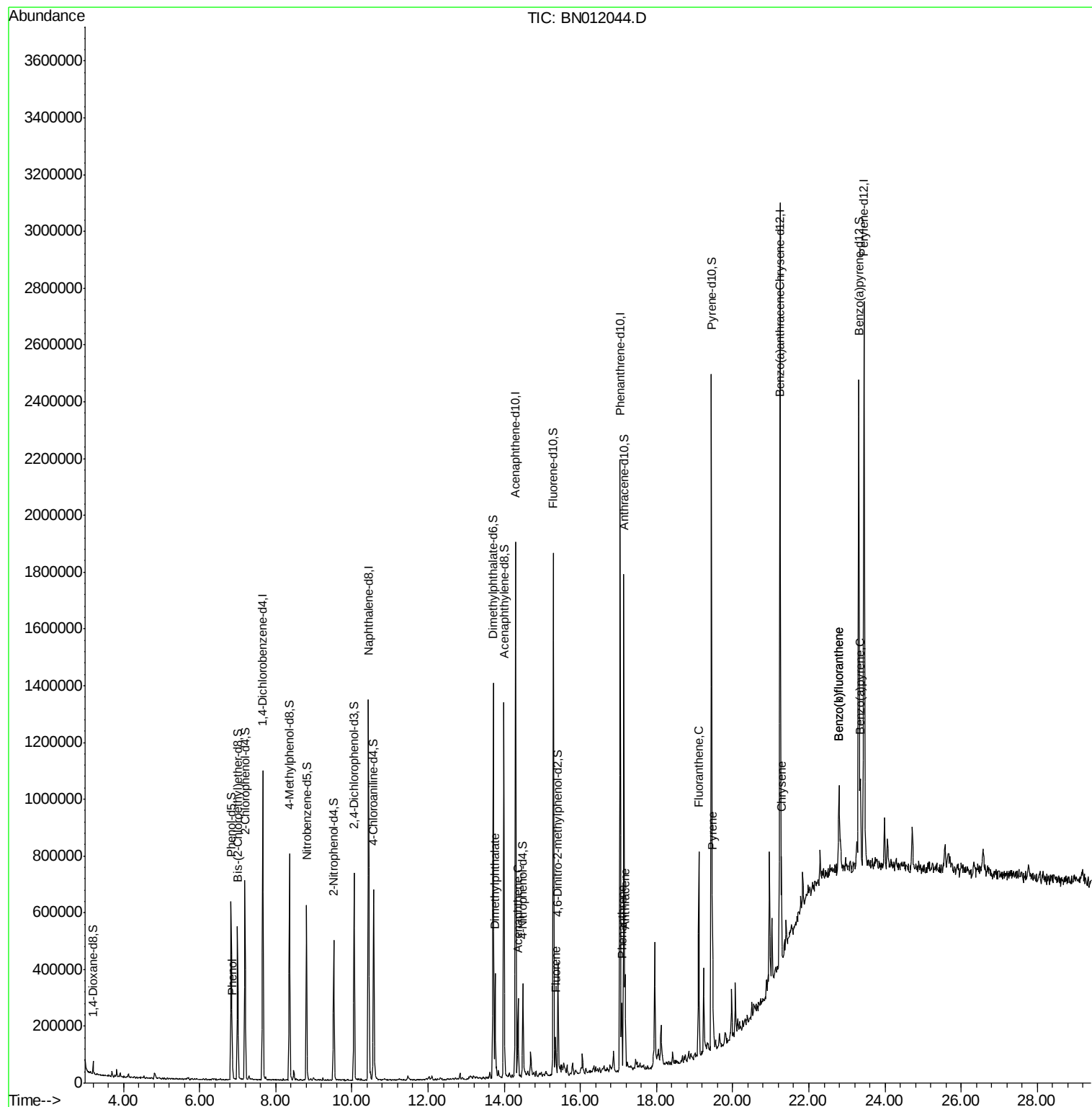
					Ovalue	
6) Phenol	6.86	94	32030	1.384	ng/ul	92
45) Dimethylphthalate	13.76	163	207527	4.429	ng/ul	99
50) Acenaphthene	14.36	153	106525	2.599	ng/ul	93
59) Fluorene	15.35	166	49019	1.046	ng/ul	98
70) Phenanthrene	17.09	178	117773	1.646	ng/ul	97
72) Anthracene	17.17	178	185263	2.564	ng/ul	98
77) Fluoranthene	19.11	202	414542	5.157	ng/ul	97
80) Pyrene	19.47	202	303556	3.539	ng/ul	97
83) Benzo(a)anthracene	21.23	228	140617	1.755	ng/ul	98
85) Chrysene	21.28	228	182907	2.322	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	137929	1.518	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	137929	1.541	ng/ul#	98
91) Benzo(a)pyrene	23.35	252	84476	1.025	ng/ul#	89

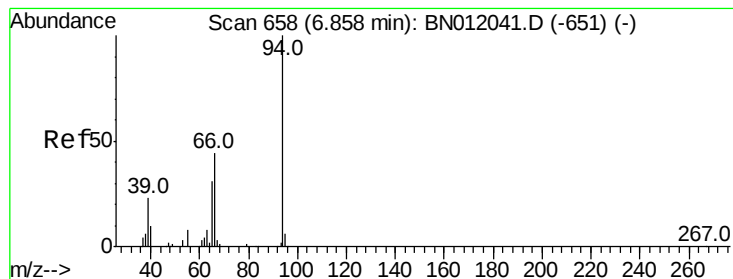
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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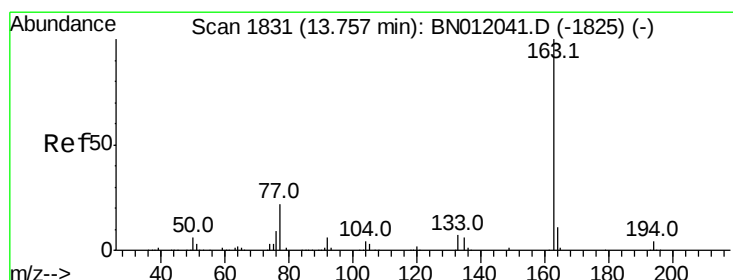
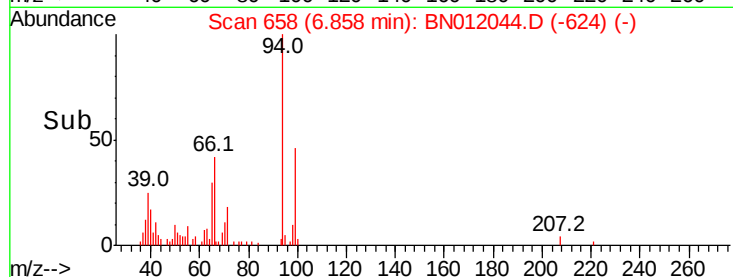
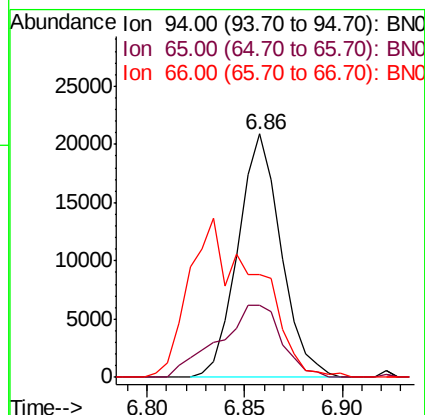
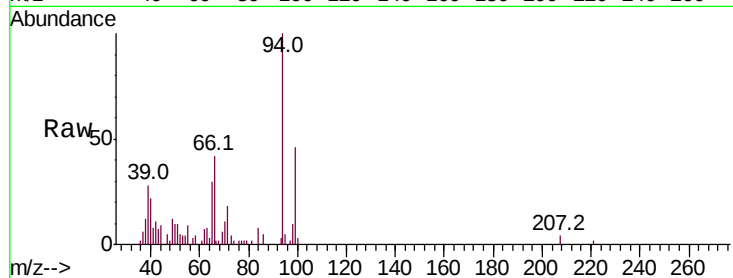
#6

Phenol

Concen: 1.384 ng/ul
 RT: 6.86 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BN012044.D
 Acq: 02 Oct 2020 19:41

Instrument :
 BNA_N
 ClientSampled :
 C0AE4

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.6	26.8	40.2
66	42.0	37.9	56.9

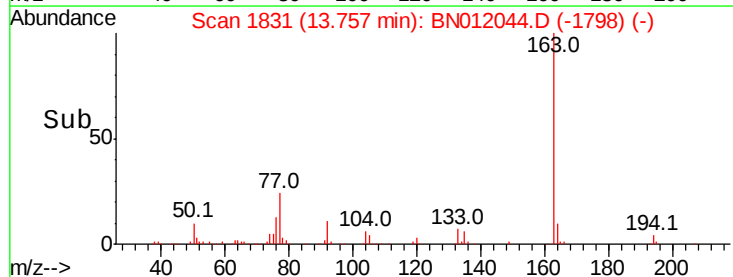
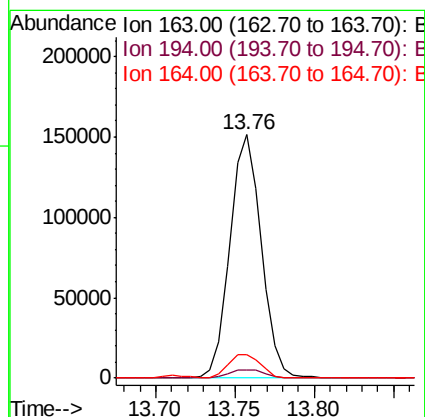
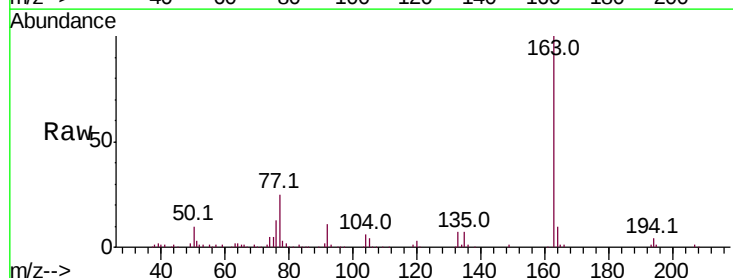


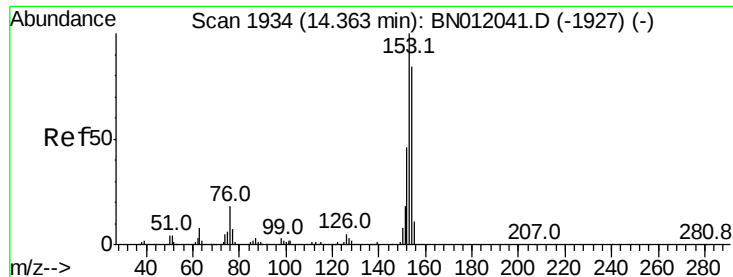
#45

Dimethylphthalate

Concen: 4.429 ng/ul
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BN012044.D
 Acq: 02 Oct 2020 19:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	9.7	7.8	11.8





#50

Acenaphthene

Concen: 2.599 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

BNA_N

ClientSampled :

C0AE4

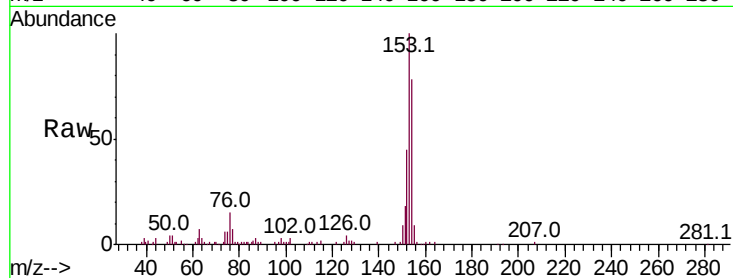
Tot Ion:153 Resp: 106525

Ion Ratio Lower Upper

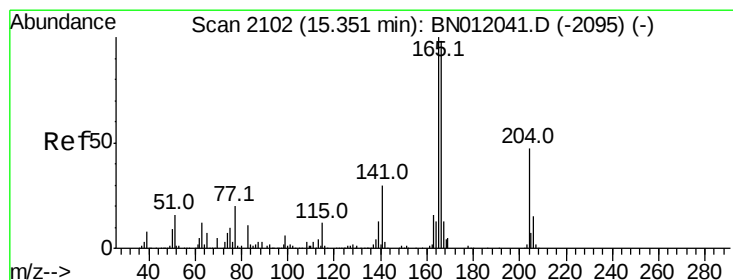
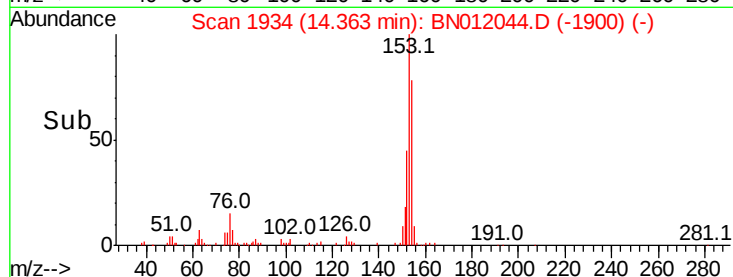
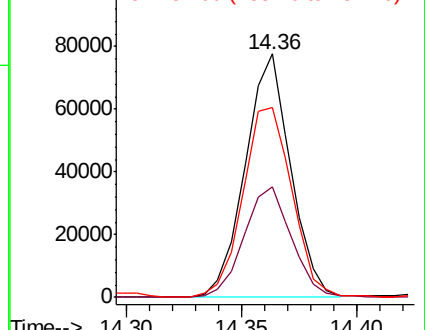
153 100

152 45.4 35.9 53.9

154 78.1 70.2 105.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.046 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

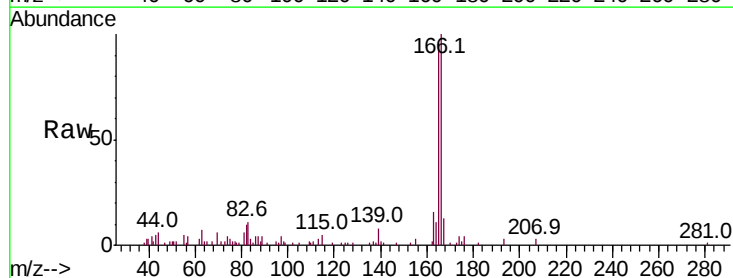
Tgt Ion:166 Resp: 49019

Ion Ratio Lower Upper

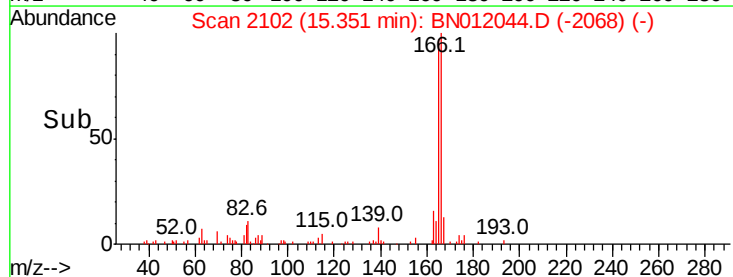
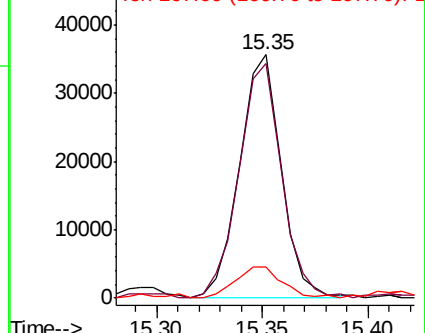
166 100

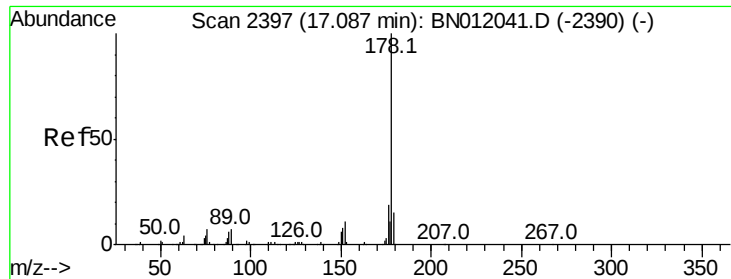
165 96.2 79.0 118.6

167 12.5 10.5 15.7



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





#70

Phenanthrene

Concen: 1.646 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AE4

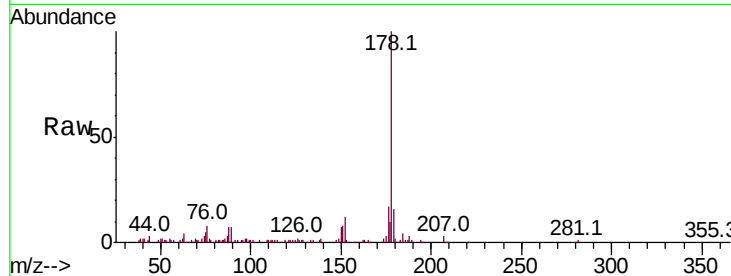
Tot Ion:178 Resp: 117773

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

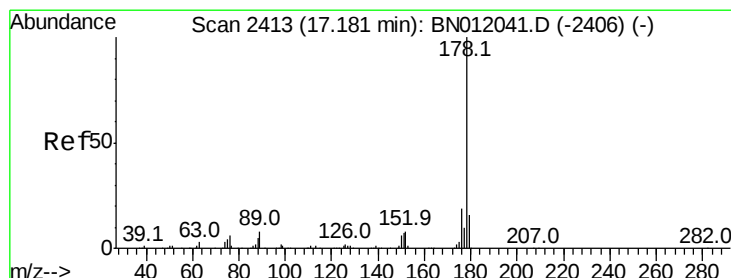
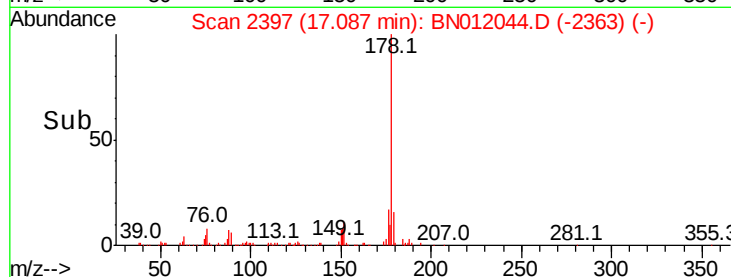
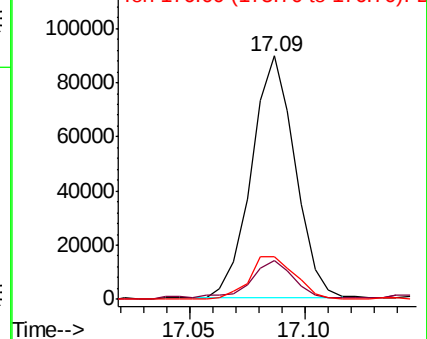
176 17.5 15.4 23.2



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: 2.564 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

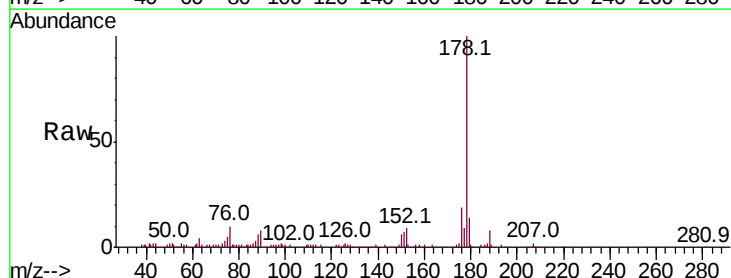
Tgt Ion:178 Resp: 185263

Ion Ratio Lower Upper

178 100

179 14.4 12.8 19.2

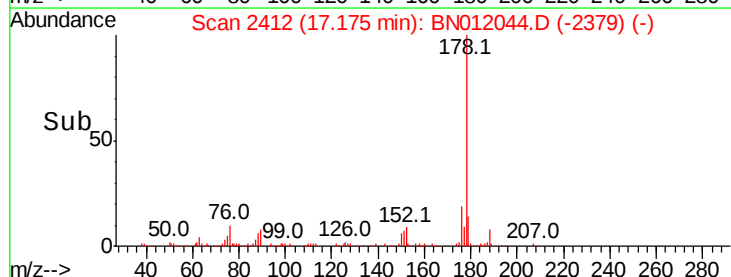
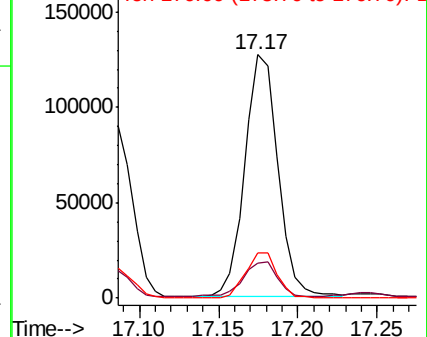
176 18.8 15.0 22.6

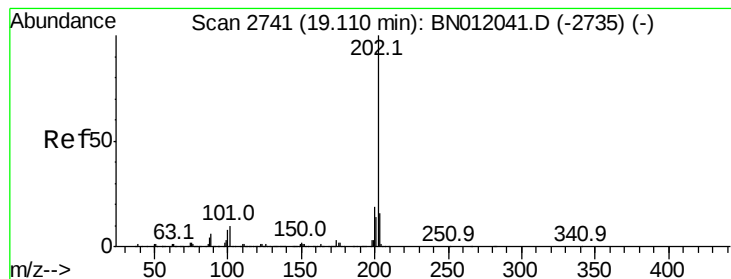


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 5.157 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AE4

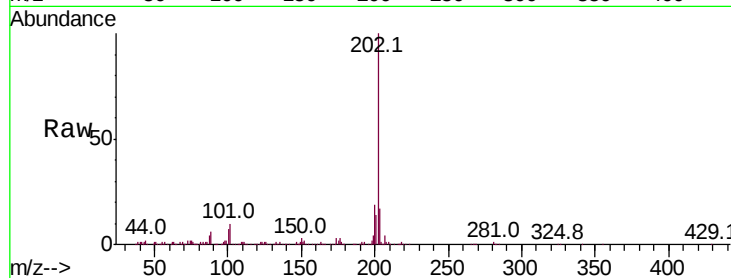
Tot Ion:202 Resp: 414542

Ion Ratio Lower Upper

202 100

101 9.6 8.6 13.0

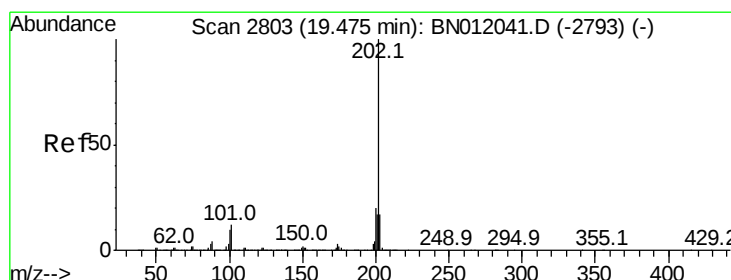
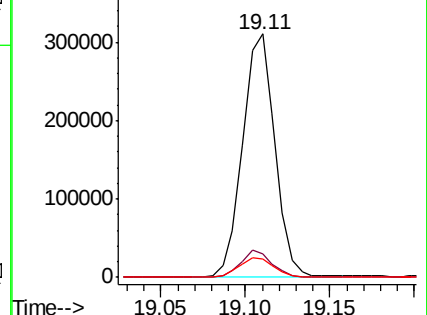
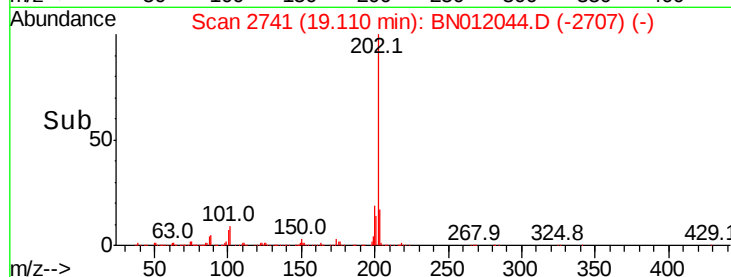
100 7.4 6.6 9.8



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

Pyrene

Concen: 3.539 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

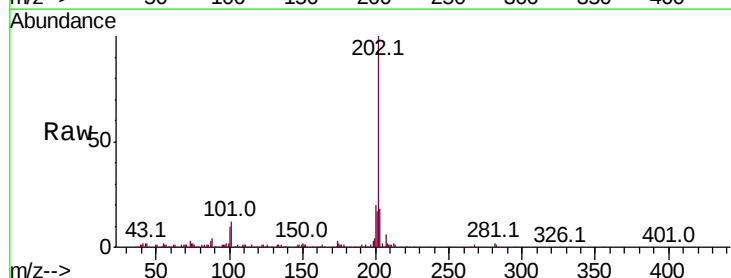
Tgt Ion:202 Resp: 303556

Ion Ratio Lower Upper

202 100

101 11.6 10.2 15.2

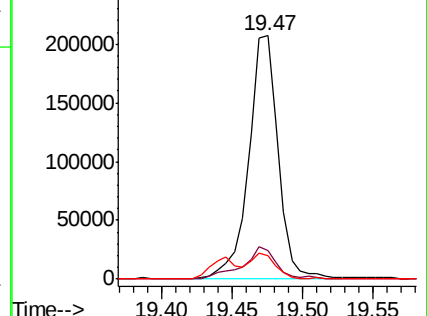
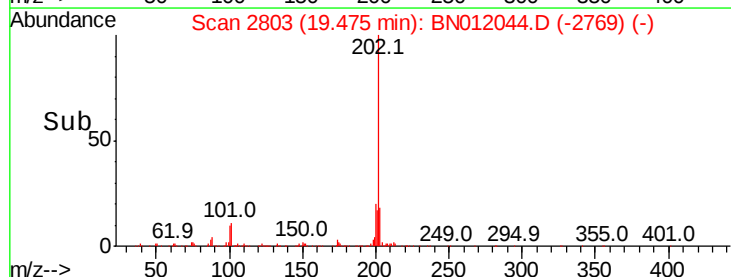
100 9.6 8.8 13.2

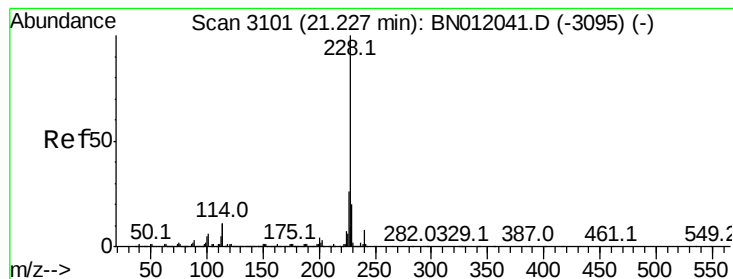


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.755 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

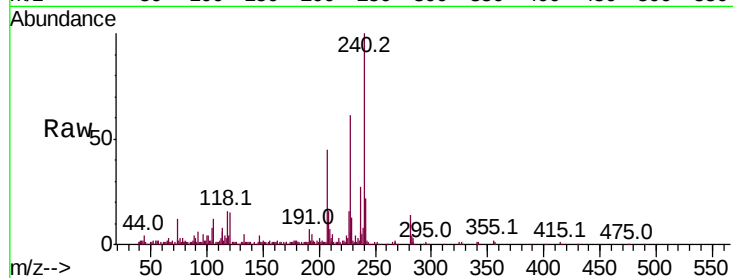
BNA_N

ClientSampleId :

C0AE4

Tot Ion:228 Resp: 140617

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	26.0	21.2	31.8

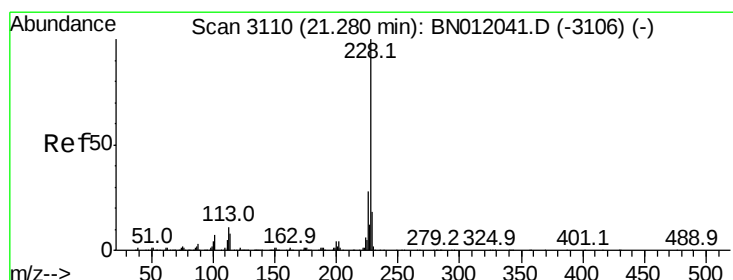
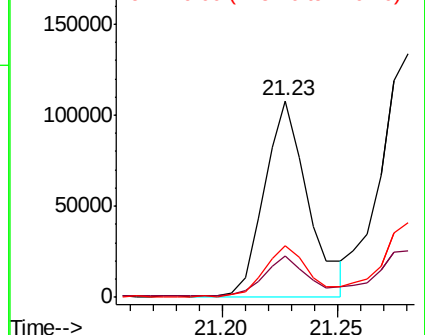
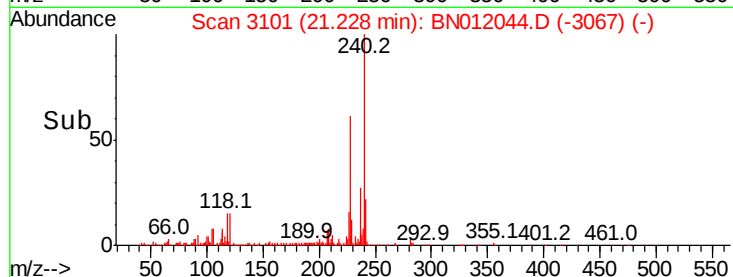


Abundance

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: 2.322 ng/ul

RT: 21.28 min Scan# 3110

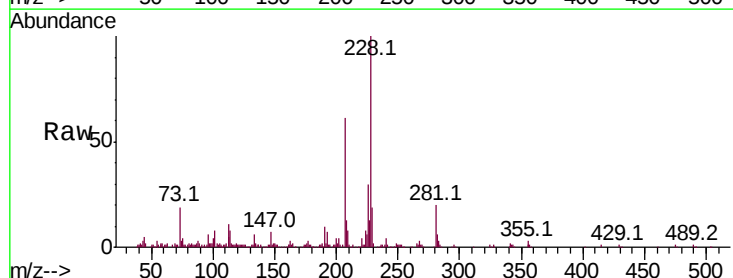
Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Tgt Ion:228 Resp: 182907

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	19.2	15.0	22.4

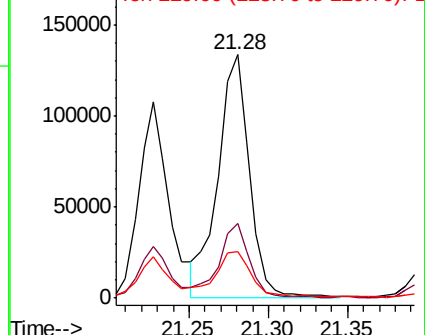
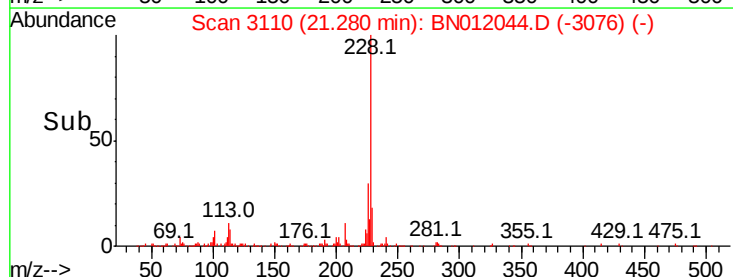


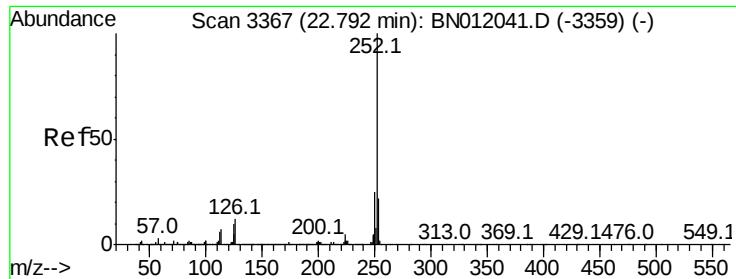
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.518 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AE4

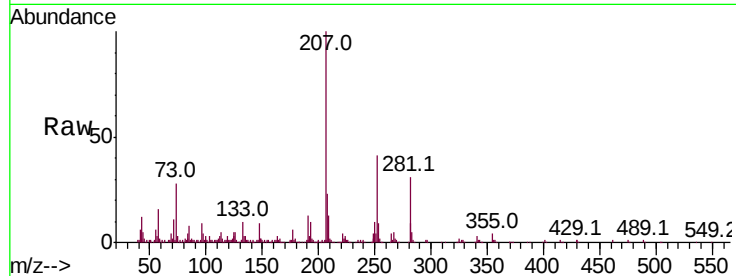
Tot Ion:252 Resp: 137929

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

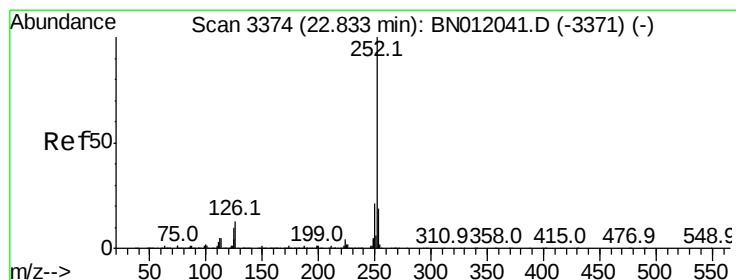
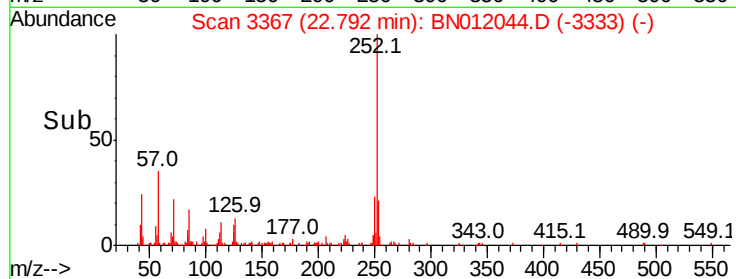
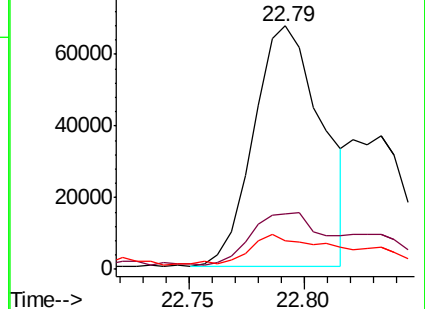
125 11.9 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 1.541 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

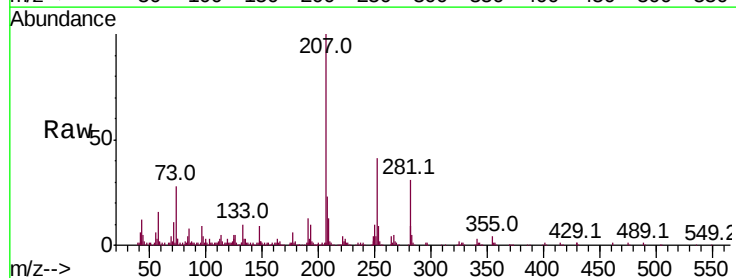
Tgt Ion:252 Resp: 137929

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

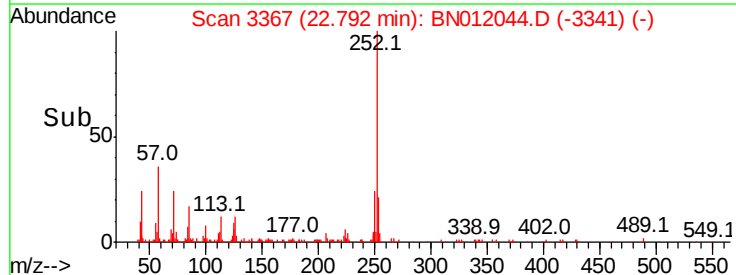
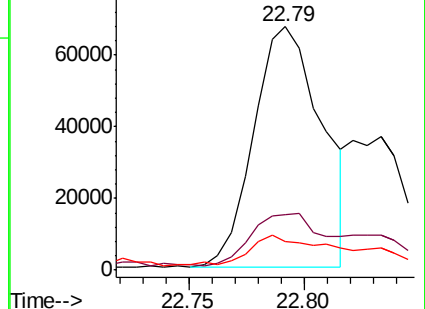
125 11.9 7.7 11.5#

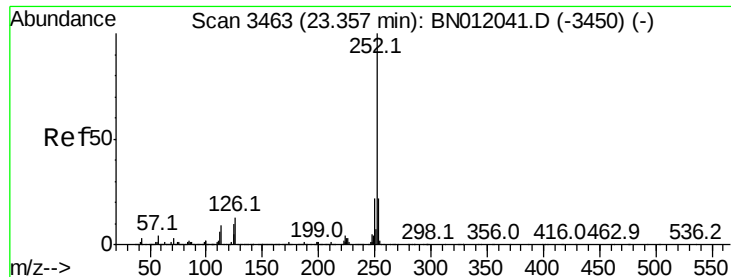


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.025 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BN012044.D

Acq: 02 Oct 2020 19:41

Instrument :

BNA_N

ClientSampleId :

C0AE4

Tot Ion:252 Resp: 84476

Ion Ratio Lower Upper

252 100

253 24.7 16.6 24.8

125 17.2 9.0 13.6#

