

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
 Data File : BN012049.D
 Acq On : 02 Oct 2020 22:43
 Operator : CG/JU
 Sample : L4166-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC9

Quant Time: Oct 03 02:14:57 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	262865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	996000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	585300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1210750	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1254539	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1461716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	23406	3.87	ng/uL	0.00
5) Phenol-d5	6.83	99	347431	15.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	244007	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	293801	16.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	280339	16.23	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	137701	17.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	148645	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	255643	15.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	346787	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	884016	19.25	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	975655	17.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	81840	9.68	ng/ul	0.00
58) Fluorene-d10	15.29	176	701560	17.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	81237	10.51	ng/ul	0.00
71) Anthracene-d10	17.15	188	1055493	17.98	ng/ul	0.00
79) Pyrene-d10	19.45	212	1172116	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1444868	17.61	ng/ul	-0.01

Target Compounds

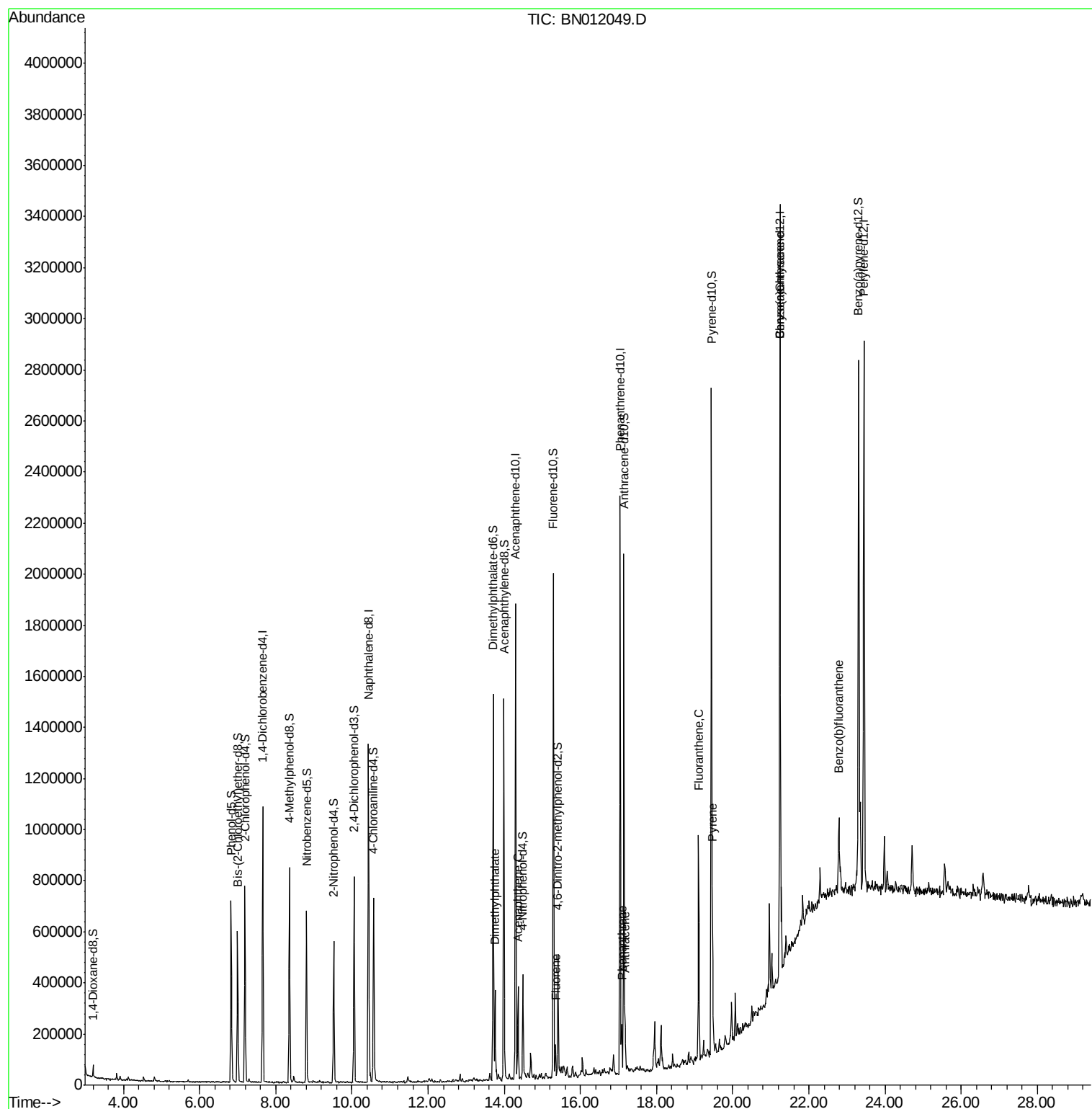
					Ovalue	
45) Dimethylphthalate	13.76	163	197532	4.175	ng/ul	99
50) Acenaphthene	14.36	153	132884	3.211	ng/ul	96
59) Fluorene	15.35	166	47471	1.003	ng/ul	95
70) Phenanthrene	17.09	178	87470	1.186	ng/ul	96
72) Anthracene	17.17	178	106052	1.424	ng/ul	97
77) Fluoranthene	19.11	202	505824	6.105	ng/ul	97
80) Pyrene	19.47	202	362515	4.006	ng/ul	98
83) Benzo(a)anthracene	21.23	228	126512	1.497	ng/ul	98
85) Chrysene	21.23	228	127316	1.532	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	119558	1.168	ng/ul#	96

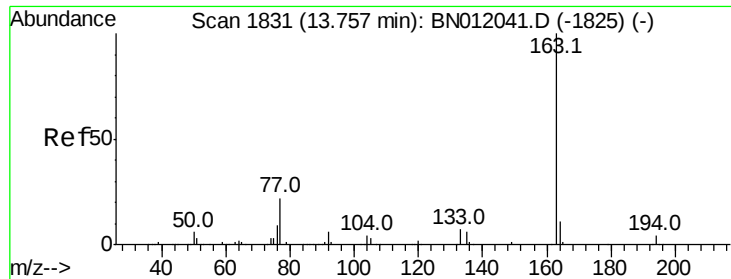
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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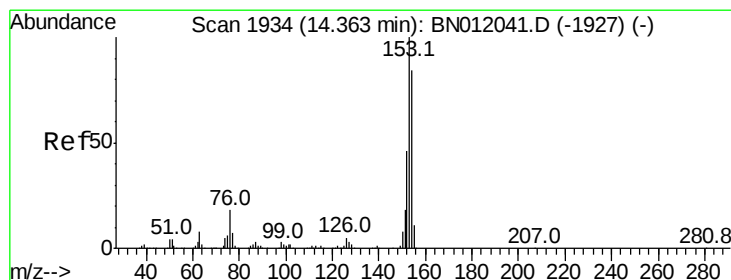
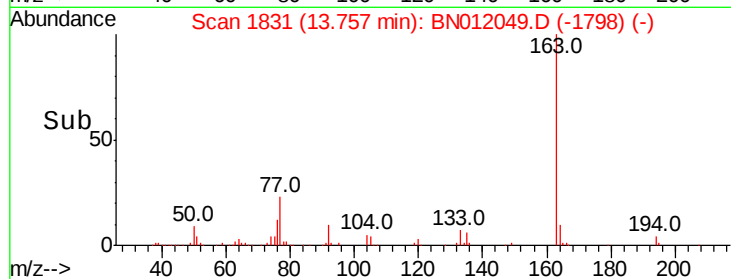
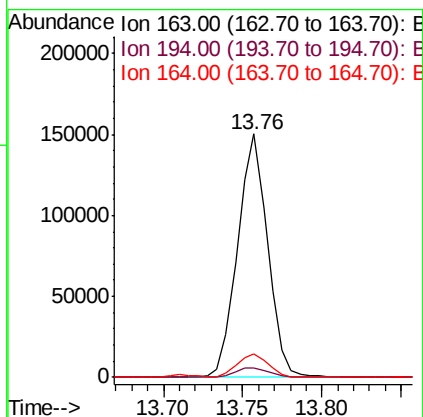
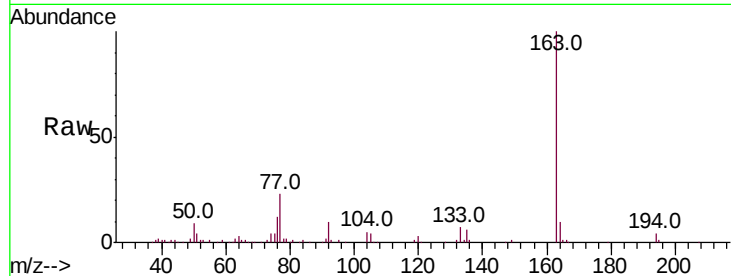




#45
Dimethylphthalate
Concen: 4.175 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

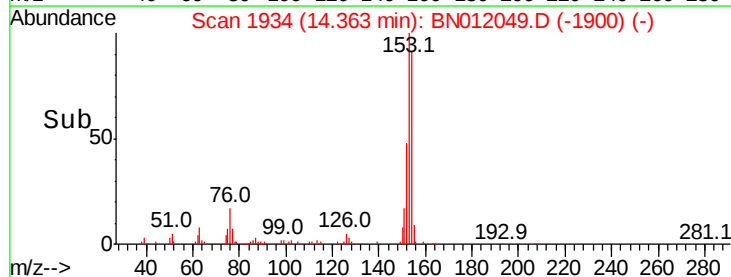
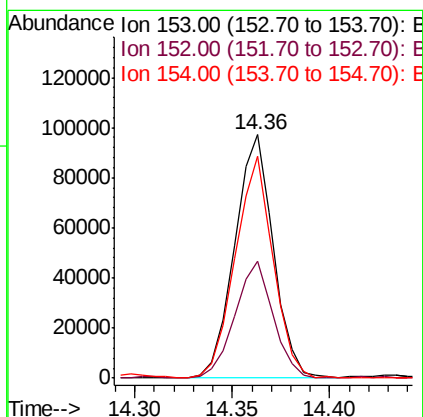
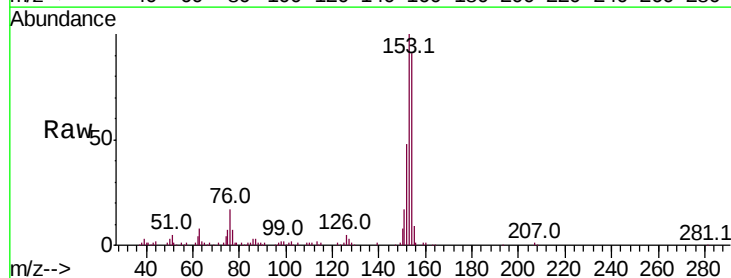
Instrument :
BNA_N
ClientSampleId :
C0AC9

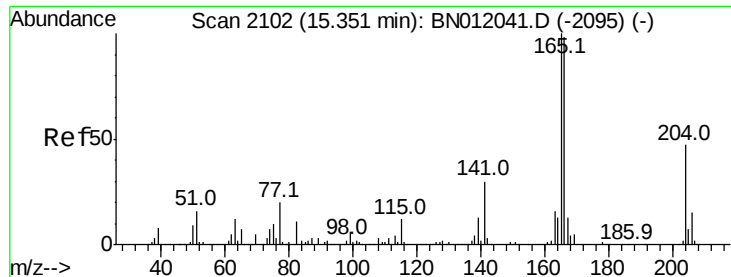
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.5	7.8	11.8



#50
Acenaphthene
Concen: 3.211 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	35.9	53.9
154	91.1	70.2	105.2





#59

Fluorene

Concen: 1.003 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN012049.D

Acq: 02 Oct 2020 22:43

Instrument :

BNA_N

ClientSampleId :

C0AC9

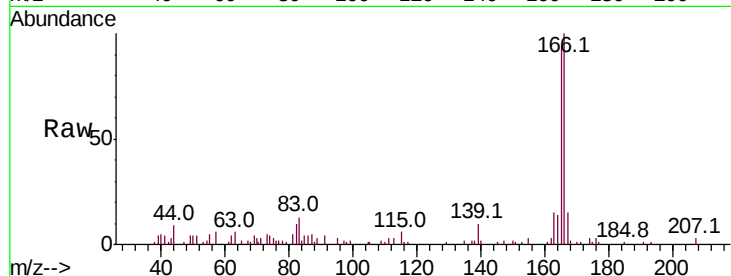
Tot Ion:166 Resp: 47471

Ion Ratio Lower Upper

166 100

165 93.8 79.0 118.6

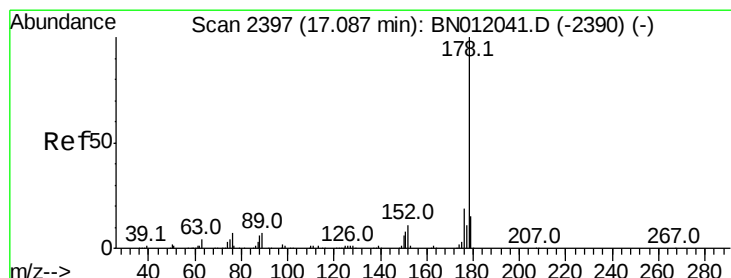
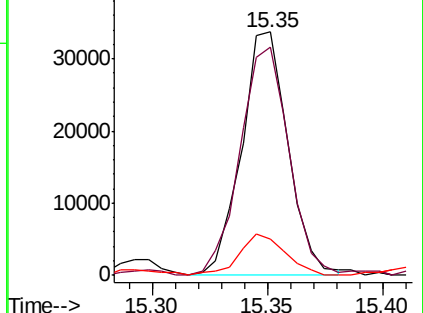
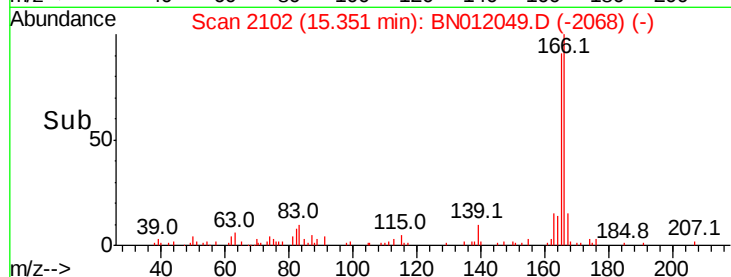
167 14.8 10.5 15.7



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: 1.186 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012049.D

Acq: 02 Oct 2020 22:43

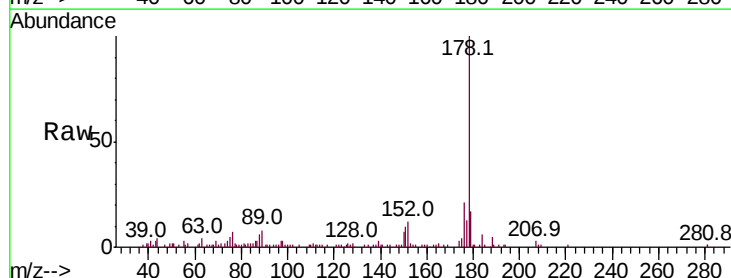
Tgt Ion:178 Resp: 87470

Ion Ratio Lower Upper

178 100

179 17.1 12.2 18.2

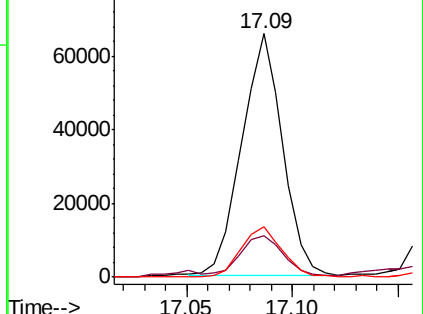
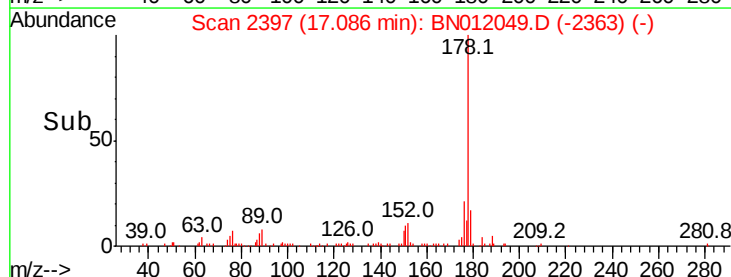
176 20.9 15.4 23.2

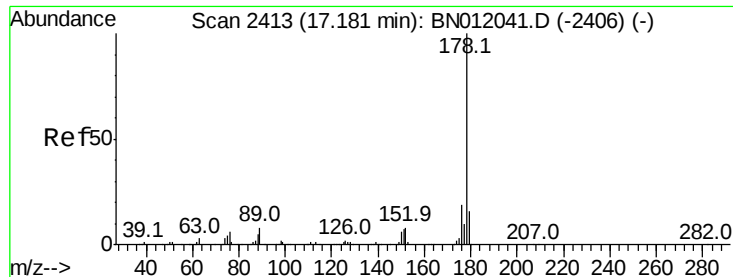


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.424 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BN012049.D

Acq: 02 Oct 2020 22:43

Instrument :

BNA_N

ClientSampleId :

C0AC9

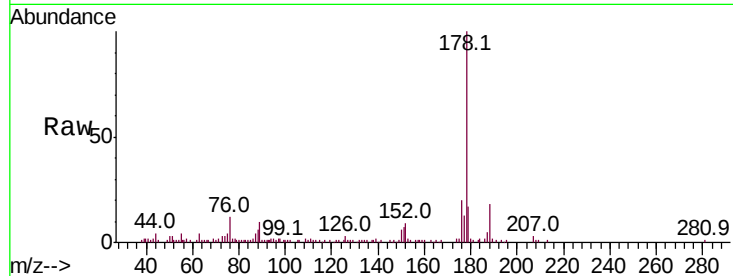
Tot Ion:178 Resp: 106052

Ion Ratio Lower Upper

178 100

179 17.5 12.8 19.2

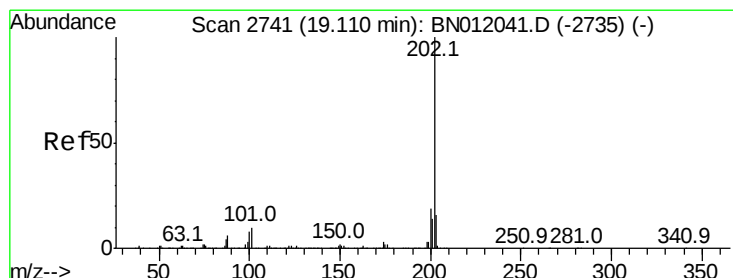
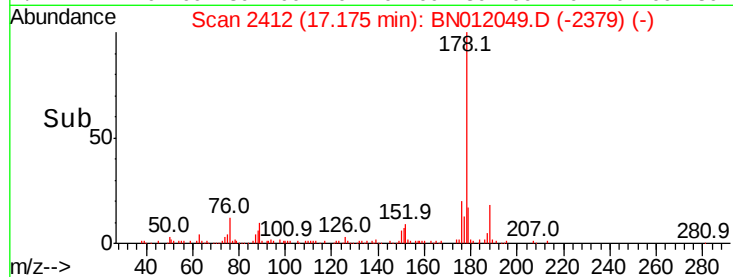
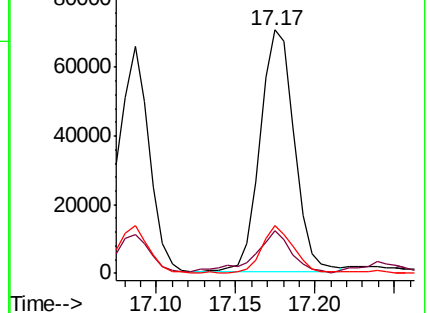
176 19.7 15.0 22.6



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: 6.105 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN012049.D

Acq: 02 Oct 2020 22:43

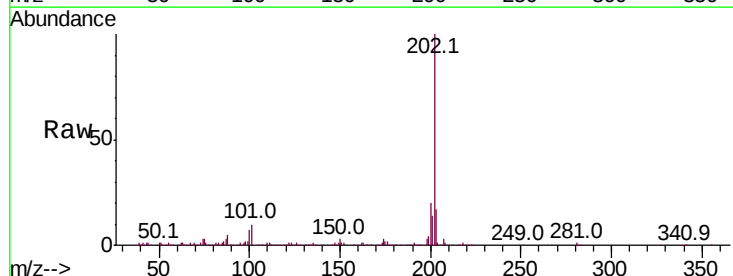
Tgt Ion:202 Resp: 505824

Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

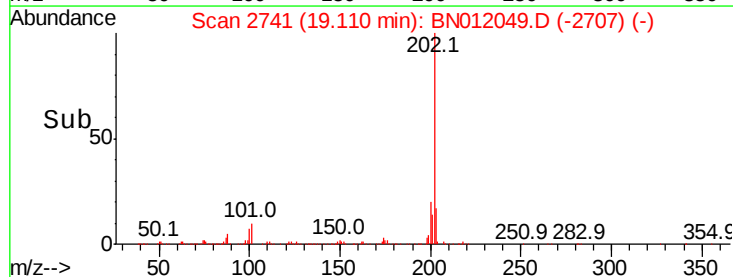
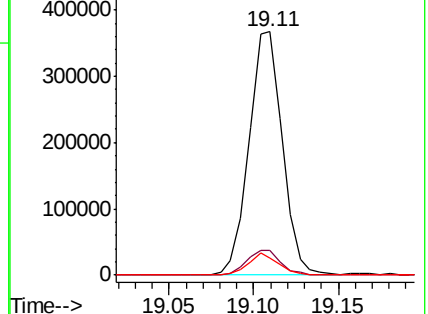
100 7.1 6.6 9.8

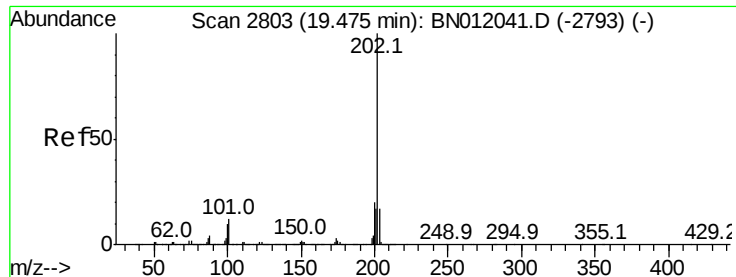


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

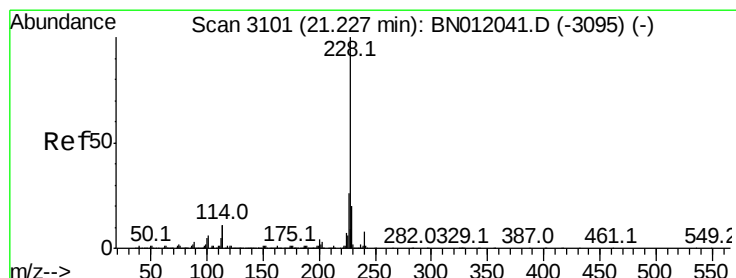
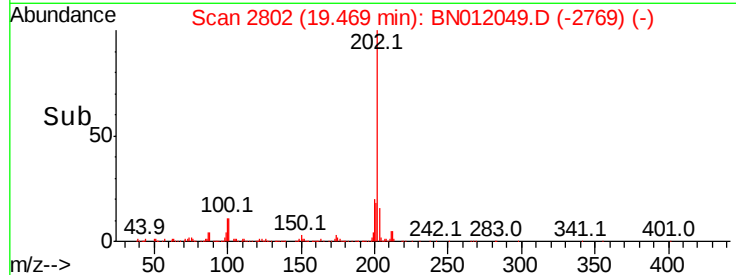
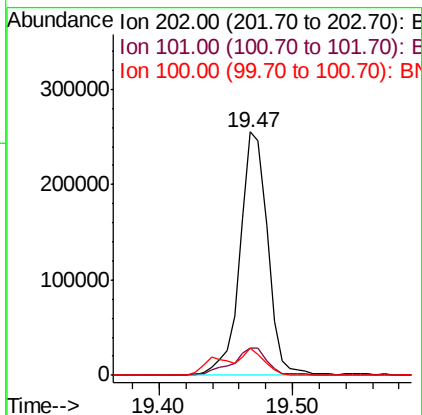
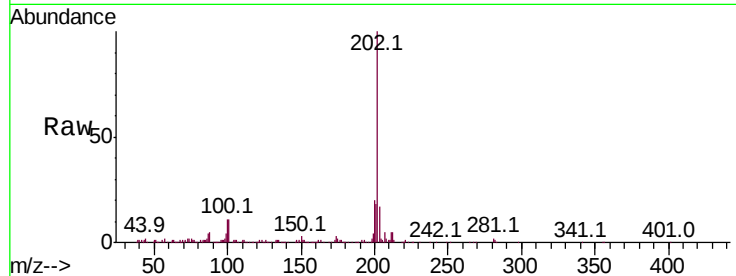




#80
Pvrene
Concen: 4.006 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

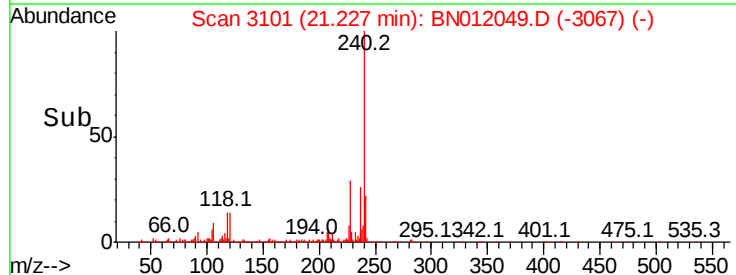
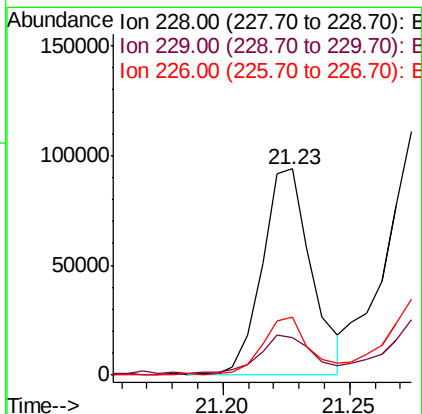
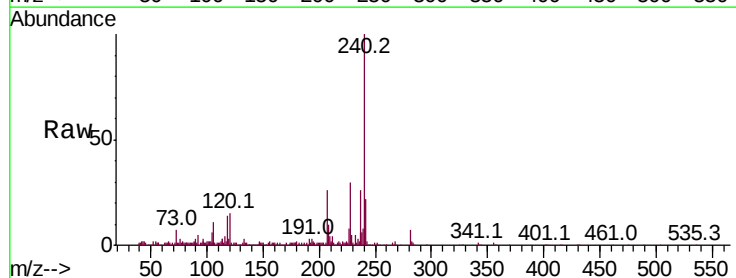
Instrument :
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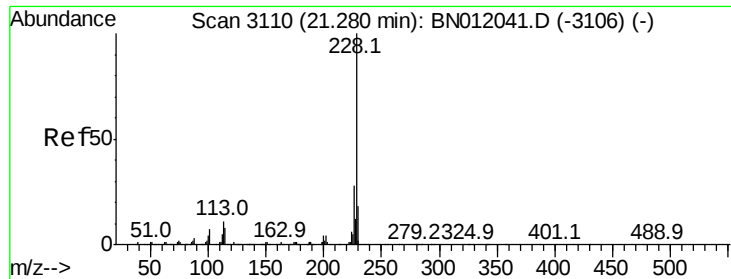
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.2	15.2
100	11.0	8.8	13.2



#83
Benzo(a)anthracene
Concen: 1.497 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.4	15.4	23.2
226	28.0	21.2	31.8

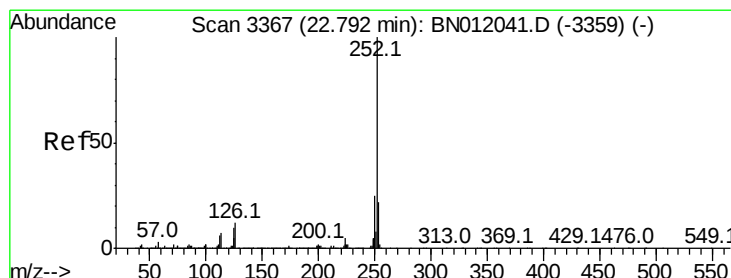
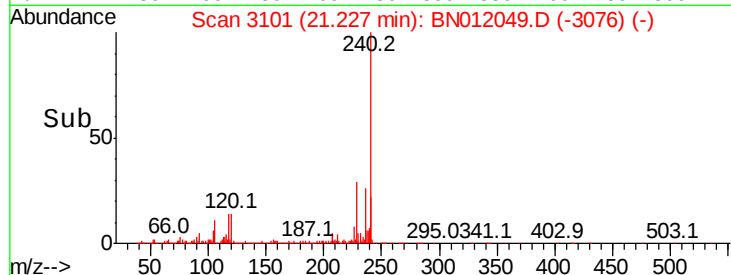
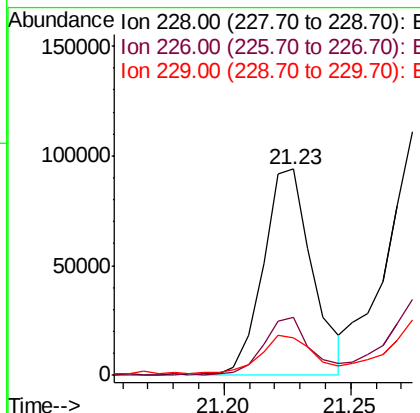
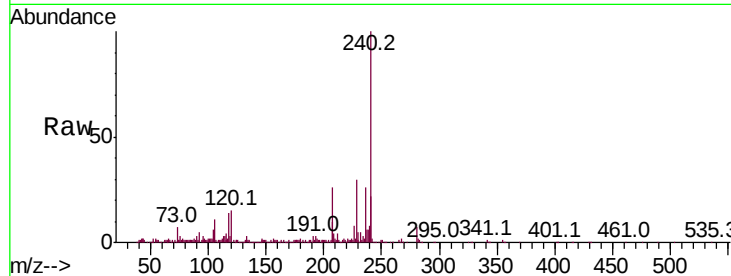




#85
Chrysene
Concen: 1.532 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.05 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.3	34.9
229	18.4	15.0	22.4



#88
Benzo(b)fluoranthene
Concen: 1.168 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BN012049.D
Acq: 02 Oct 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	14.2	8.1	12.1#

