

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022133.D
 Acq On : 14 Oct 2022 21:16
 Operator : CG/JU
 Sample : N5023-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 00:28:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

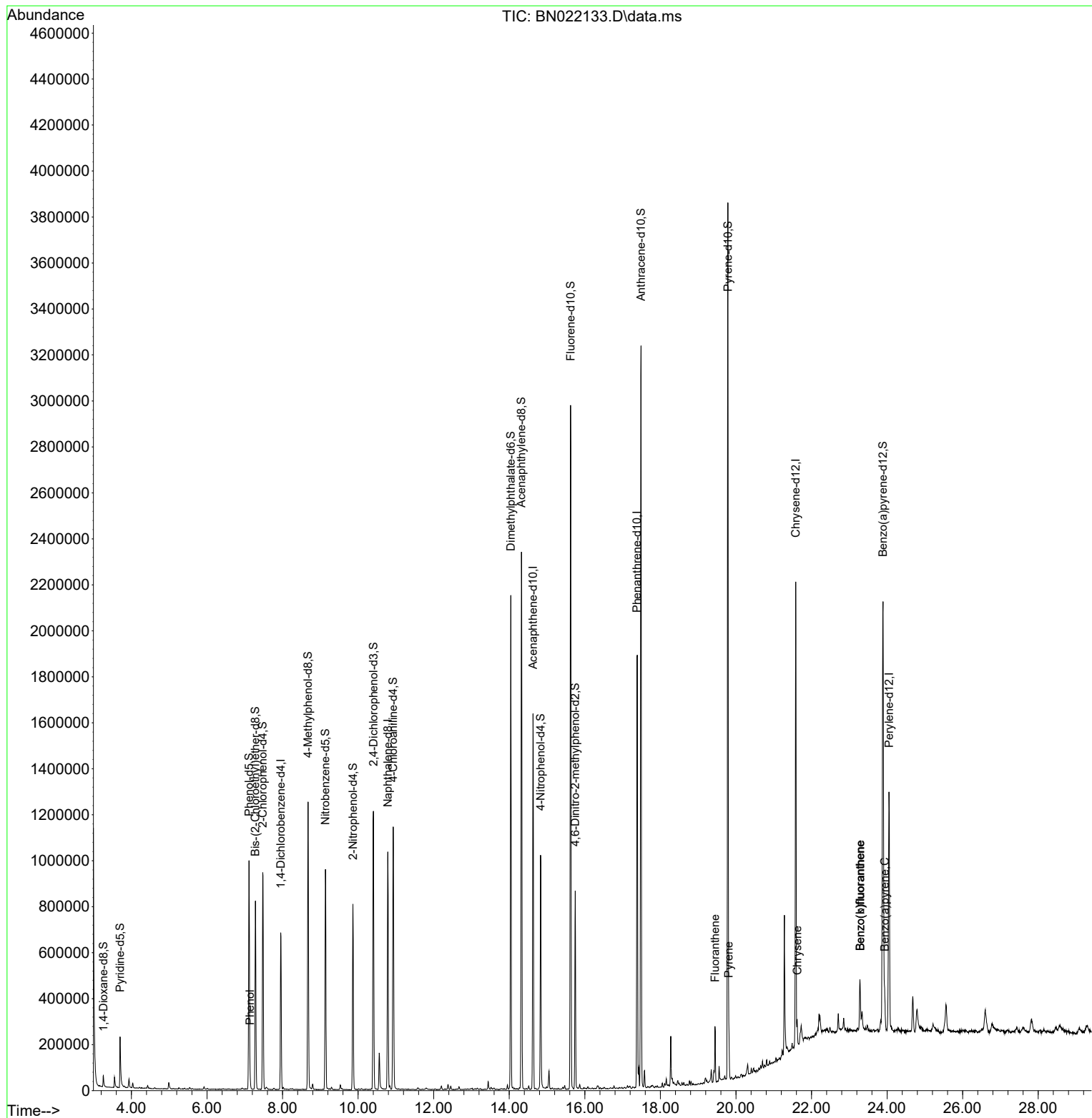
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	183573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	847430	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	543616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1099494	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	931918	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	760141	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	26725	5.518	ng/uL	0.00
4) Pyridine-d5	3.699	84	135214	8.975	ng/ul	0.00
7) Phenol-d5	7.111	99	582761	32.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	359737	31.989	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	441046	35.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	465983	32.677	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	237051	38.149	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	257899	40.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	427945	35.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	612281	31.326	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	1338014	35.309	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1526235	36.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	240840	29.775	ng/ul	0.00
60) Fluorene-d10	15.622	176	1123434	35.149	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	157671	25.137	ng/ul	0.00
73) Anthracene-d10	17.486	188	1739778	36.412	ng/ul	0.00
81) Pyrene-d10	19.786	212	1882898	40.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	1396425	37.459	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.140	94	27967	1.468	ng/ul	96
80) Fluoranthene	19.445	202	128658	2.209	ng/ul	96
82) Pyrene	19.810	202	109782	1.802	ng/ul	99
87) Chrysene	21.622	228	60167	1.051	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	68759	1.434	ng/ul#	89
91) Benzo(k)fluoranthene	23.292	252	68759	1.452	ng/ul#	89
93) Benzo(a)pyrene	23.939	252	43687	1.020	ng/ul#	91

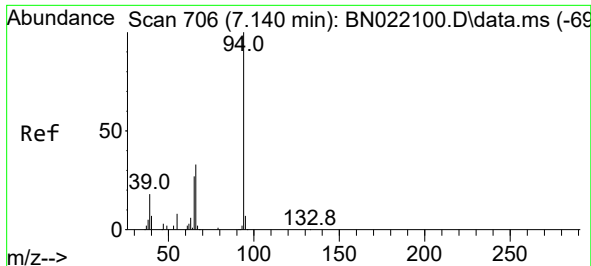
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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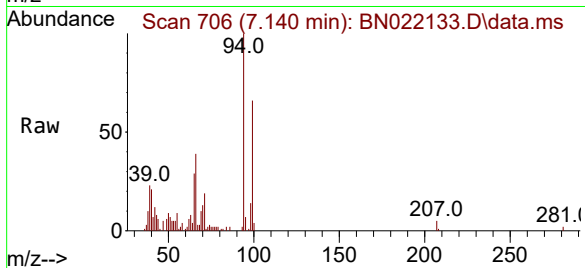
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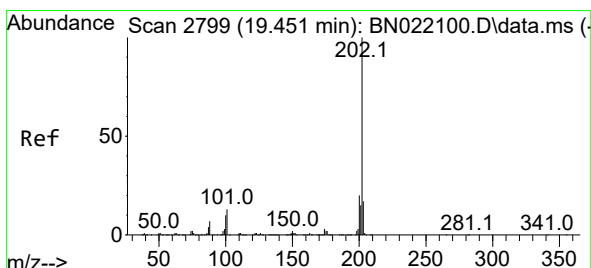
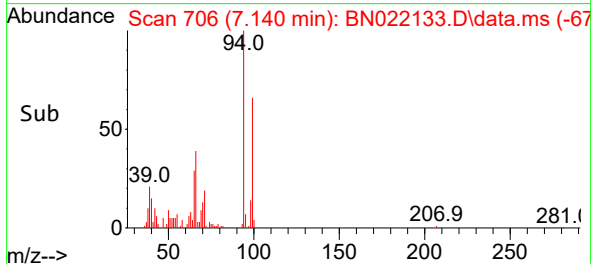
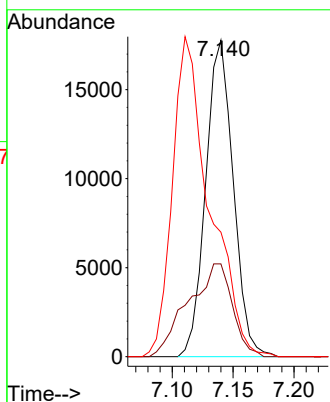
#8
Phenol
Concen: 1.468 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. -0.000 min
Lab File: BN022133.D
Acq: 14 Oct 2022 21:16

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 94 Resp: 27967

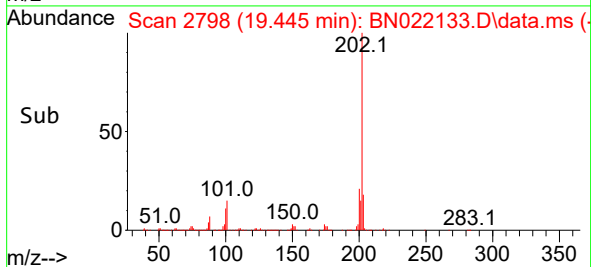
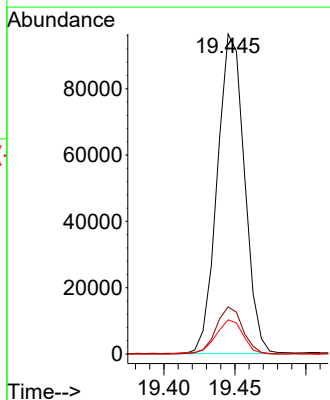
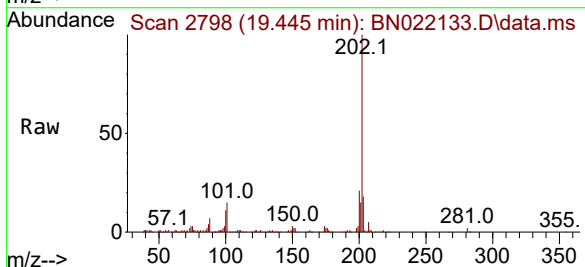
Ion	Ratio	Lower	Upper
94	100		
65	29.3	22.1	33.1
66	39.3	29.0	43.6

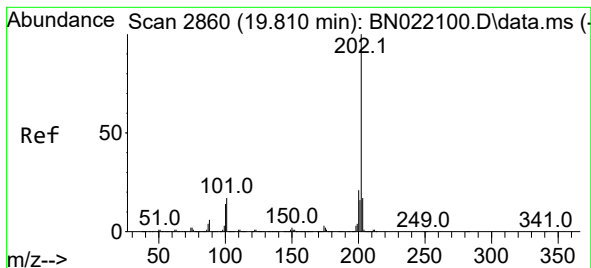


#80
Fluoranthene
Concen: 2.209 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. -0.012 min
Lab File: BN022133.D
Acq: 14 Oct 2022 21:16

Tgt Ion: 202 Resp: 128658

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.3	15.5
100	10.7	7.8	11.8





#82

Pyrene

Concen: 1.802 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN022133.D

Acq: 14 Oct 2022 21:16

Instrument :

BNA_N

ClientSampleId :

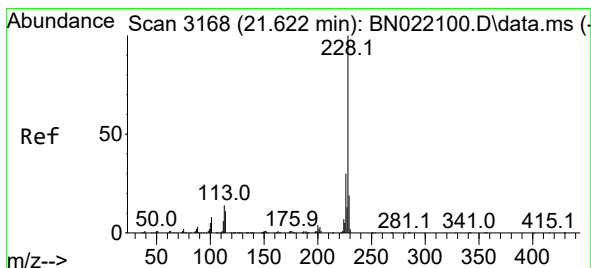
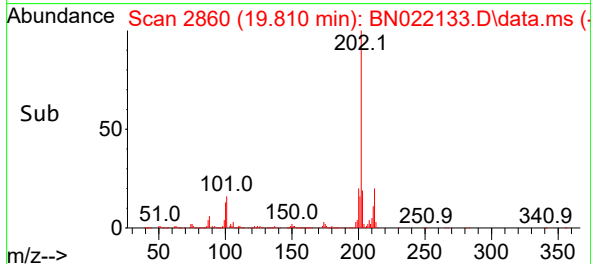
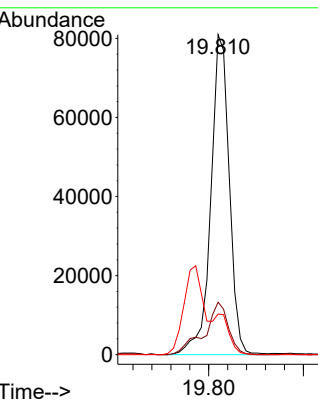
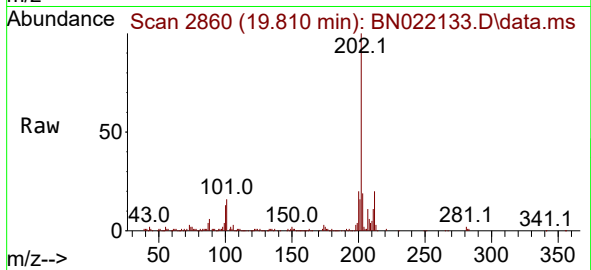
Tgt Ion:202 Resp: 109782

Ion Ratio Lower Upper

202 100

101 16.4 13.4 20.0

100 12.7 10.9 16.3



#87

Chrysene

Concen: 1.051 ng/ul

RT: 21.622 min Scan# 3168

Delta R.T. -0.006 min

Lab File: BN022133.D

Acq: 14 Oct 2022 21:16

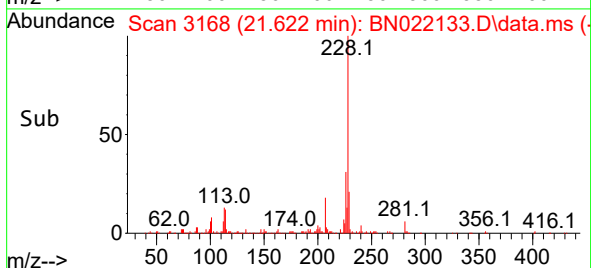
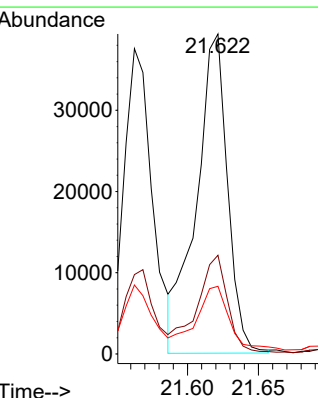
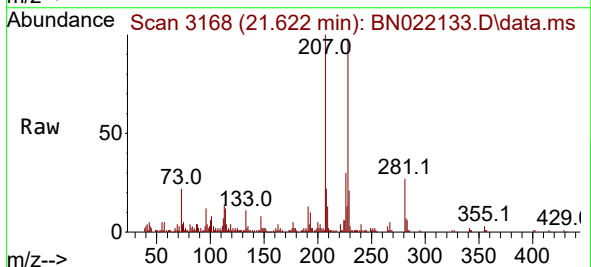
Tgt Ion:228 Resp: 60167

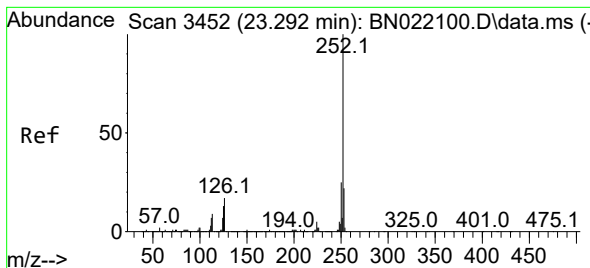
Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

229 21.2 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 1.434 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. -0.006 min

Lab File: BN022133.D

Acq: 14 Oct 2022 21:16

Instrument :

BNA_N

ClientSampleId :

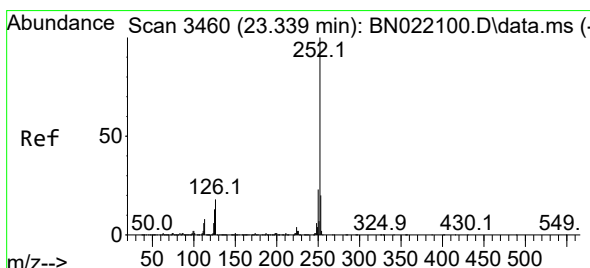
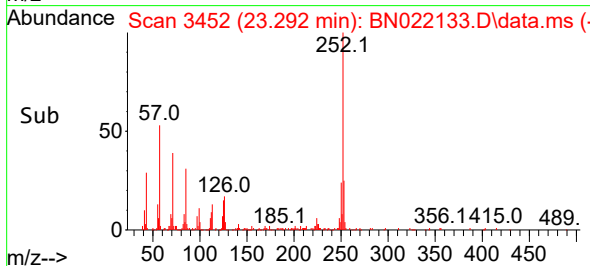
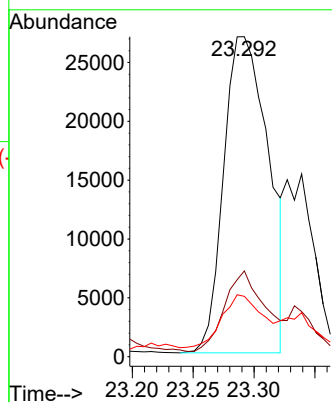
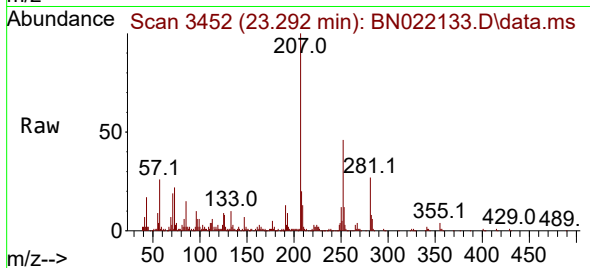
Tgt Ion:252 Resp: 68759

Ion Ratio Lower Upper

252 100

253 26.8 17.6 26.4#

125 18.9 10.7 16.1#



#91

Benzo(k)fluoranthene

Concen: 1.452 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. -0.059 min

Lab File: BN022133.D

Acq: 14 Oct 2022 21:16

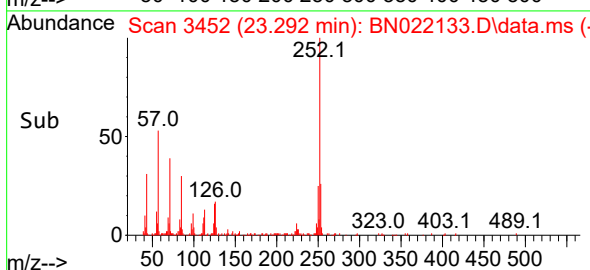
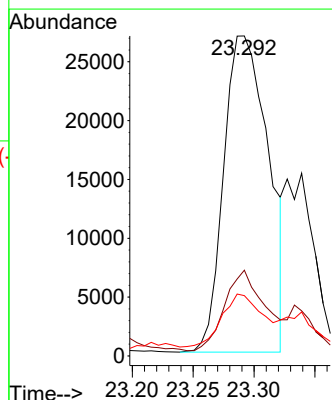
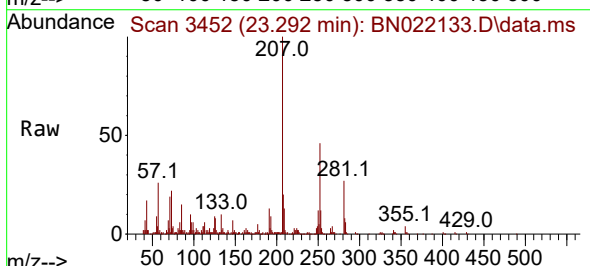
Tgt Ion:252 Resp: 68759

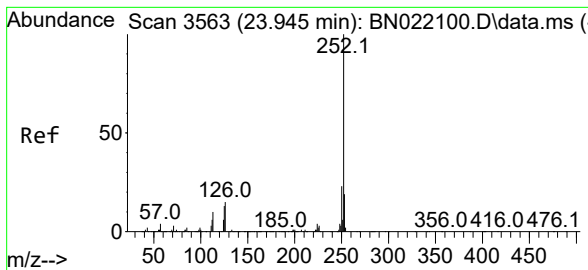
Ion Ratio Lower Upper

252 100

253 26.8 17.7 26.5#

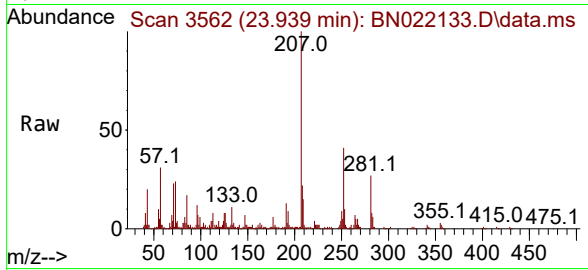
125 18.9 10.6 15.8#





#93
 Benzo(a)pyrene
 Concen: 1.020 ng/ul
 RT: 23.939 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN022133.D
 Acq: 14 Oct 2022 21:16

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:252 Resp: 43687

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	18.4	10.8	16.2#

