

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032192.D
 Acq On : 23 Jun 2024 08:21
 Operator : MA/JU
 Sample : P2776-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CA0

Quant Time: Jun 24 01:41:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

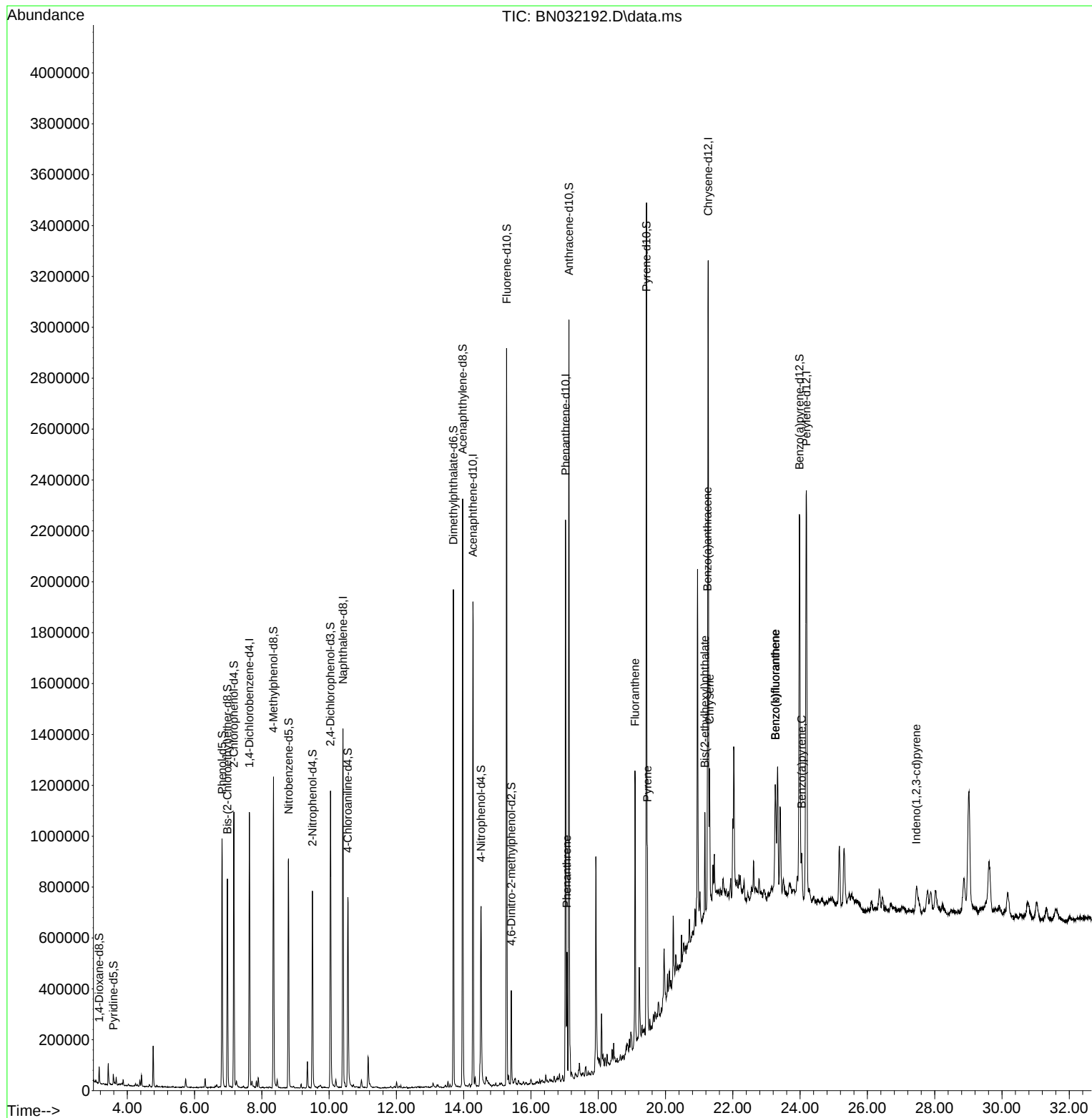
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	323254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1205809	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	699849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1343788	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1239582	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1491449	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	33179	4.246	ng/uL	0.00
4) Pyridine-d5	3.587	84	25282	1.149	ng/u1	0.02
7) Phenol-d5	6.816	99	629617	22.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	335171	20.678	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	554529	26.225	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	499977	22.133	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	262758	28.500	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	288030	30.243	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	484723	27.263	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	483265	18.307	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1370833	28.116	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1586881	28.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	232268	23.793	ng/u1	0.01
60) Fluorene-d10	15.274	176	1155940	28.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	83838	12.412	ng/u1	0.00
73) Anthracene-d10	17.127	188	1724806	29.981	ng/u1	0.00
81) Pyrene-d10	19.433	212	1727128	26.037	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1366512	19.188	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.069	178	304054	4.442	ng/u1	98
80) Fluoranthene	19.092	202	633990	7.997	ng/u1	98
82) Pyrene	19.462	202	447111	5.497	ng/u1	94
85) Benzo(a)anthracene	21.251	228	298372	3.596	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.168	149	178519	3.188	ng/u1	99
87) Chrysene	21.309	228	314609	4.059	ng/u1	97
90) Benzo(b)fluoranthene	23.262	252	406706	4.562	ng/u1	96
91) Benzo(k)fluoranthene	23.262	252	406706	4.649	ng/u1	98
93) Benzo(a)pyrene	24.045	252	153981	1.844	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.456	276	141329	1.469	ng/u1	98

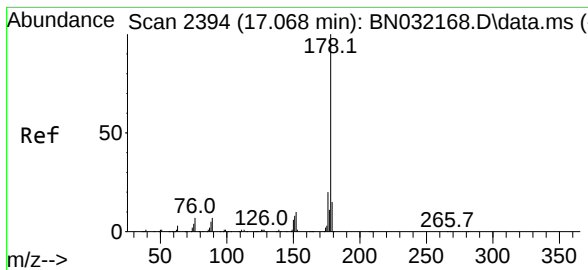
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 4.442 ng/u1

RT: 17.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

Instrument :

BNA_N

ClientSampleId :

A4CA0

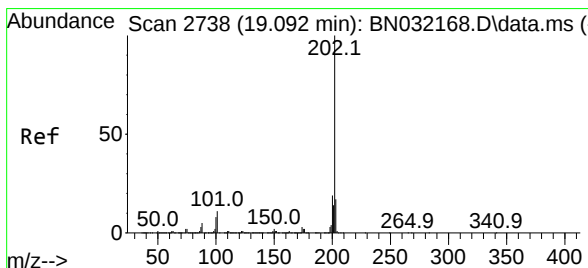
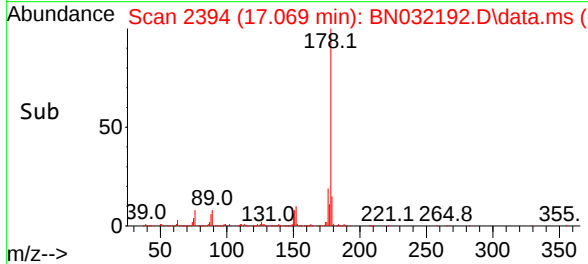
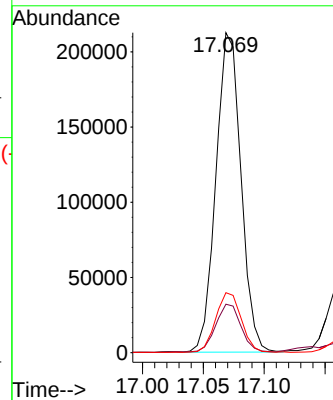
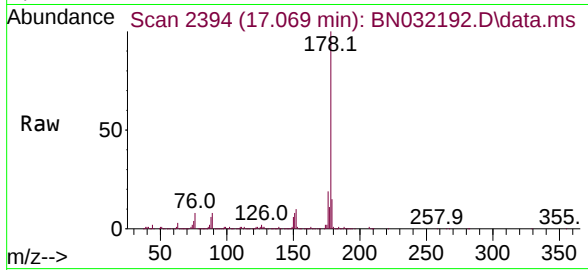
Tgt Ion:178 Resp: 304054

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

176 18.8 15.8 23.6



#80

Fluoranthene

Concen: 7.997 ng/u1

RT: 19.092 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

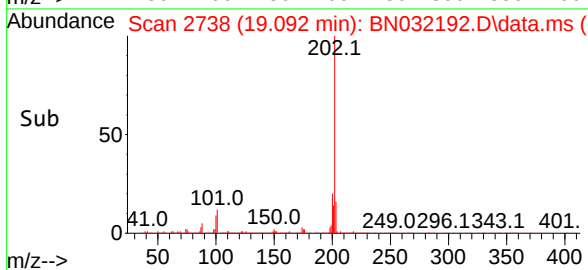
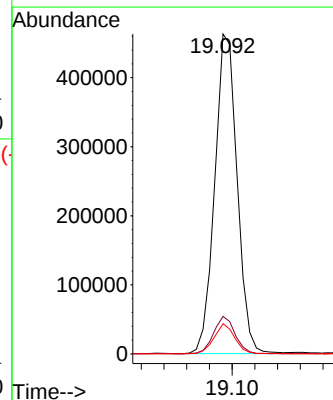
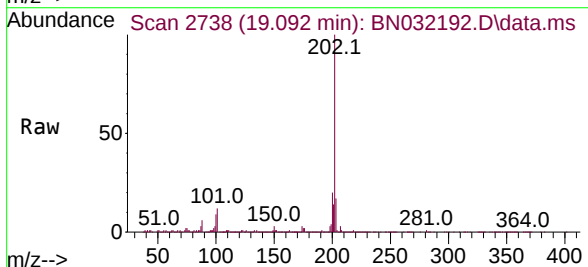
Tgt Ion:202 Resp: 633990

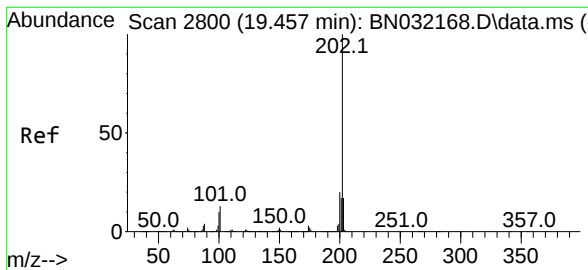
Ion Ratio Lower Upper

202 100

101 11.7 10.3 15.5

100 9.5 8.0 12.0





#82

Pyrene

Concen: 5.497 ng/ul

RT: 19.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

Instrument :

BNA_N

ClientSampleId :

A4CA0

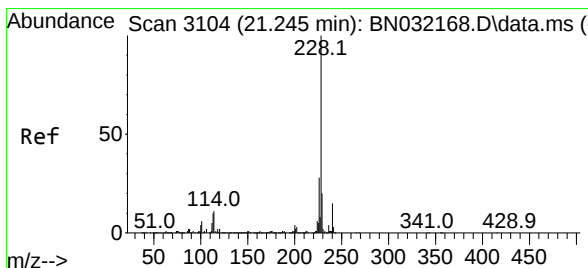
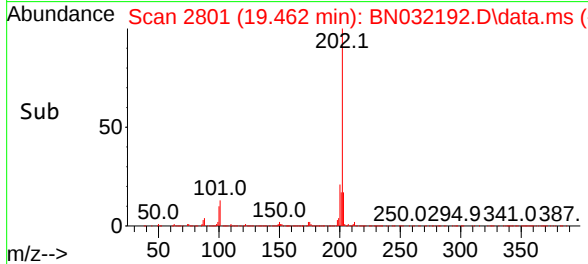
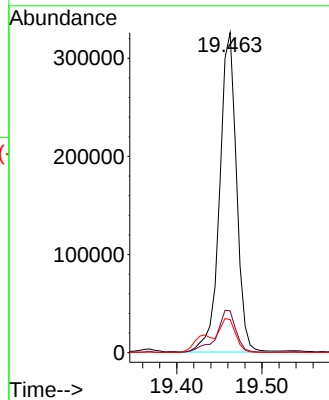
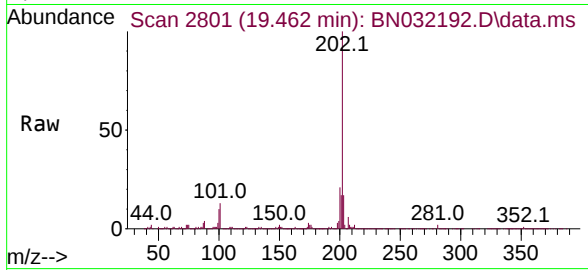
Tgt Ion:202 Resp: 447111

Ion Ratio Lower Upper

202 100

101 13.1 12.6 18.8

100 10.3 10.2 15.2



#85

Benzo(a)anthracene

Concen: 3.596 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

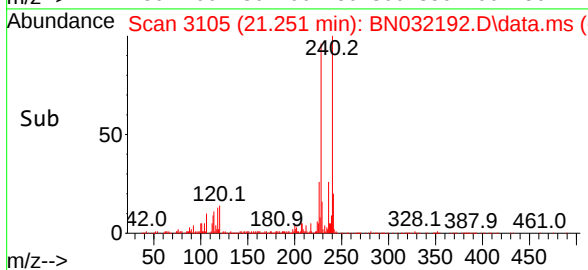
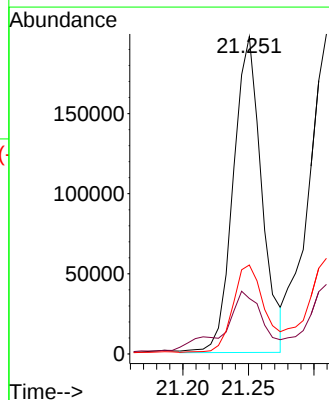
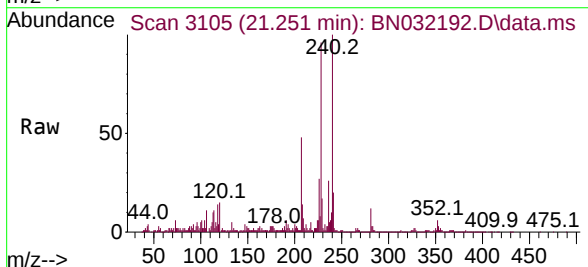
Tgt Ion:228 Resp: 298372

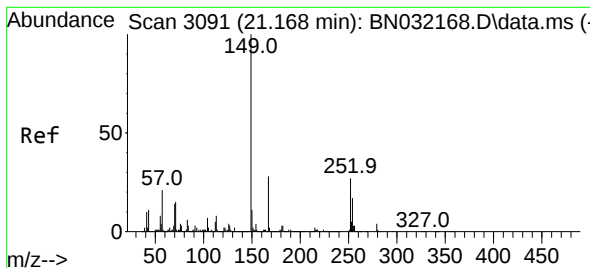
Ion Ratio Lower Upper

228 100

229 17.5 16.7 25.1

226 28.0 22.8 34.2

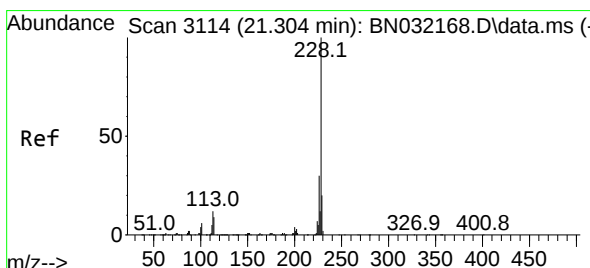
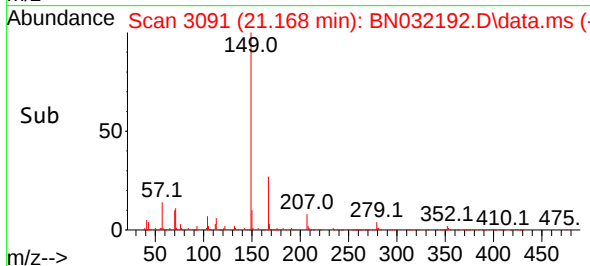
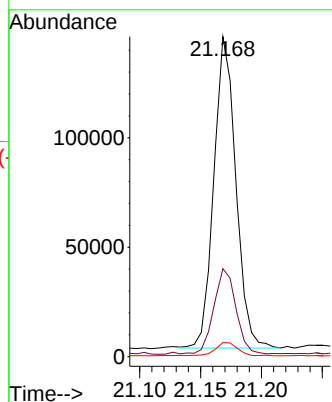
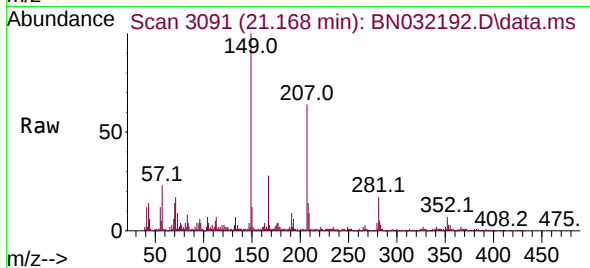




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.188 ng/ul
 RT: 21.168 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BN032192.D
 Acq: 23 Jun 2024 08:21

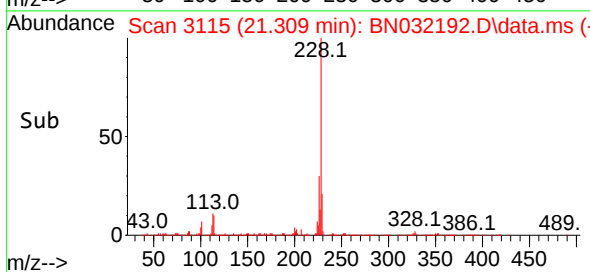
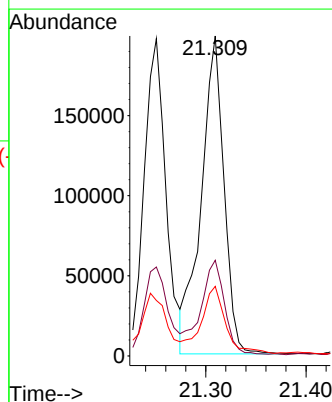
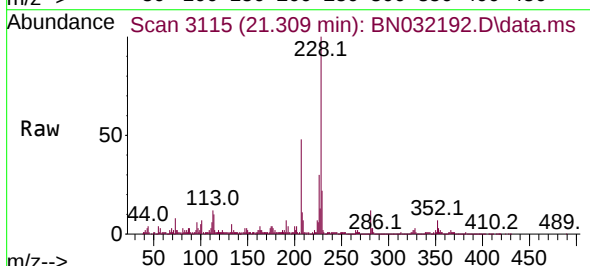
Instrument :
 BNA_N
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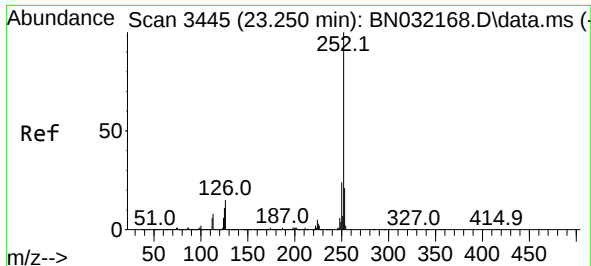
Tgt Ion:149 Resp: 178519
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.0
 279 4.4 3.3 4.9



#87
 Chrysene
 Concen: 4.059 ng/ul
 RT: 21.309 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BN032192.D
 Acq: 23 Jun 2024 08:21

Tgt Ion:228 Resp: 314609
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.7 35.5
 229 21.7 15.1 22.7

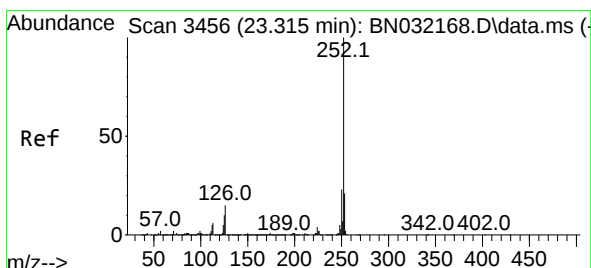
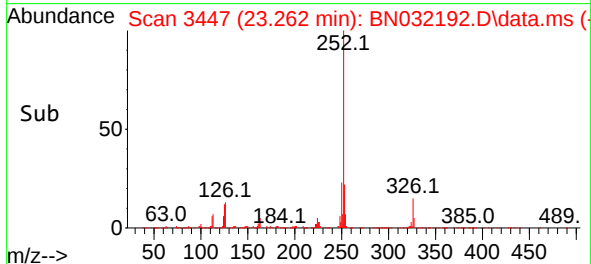
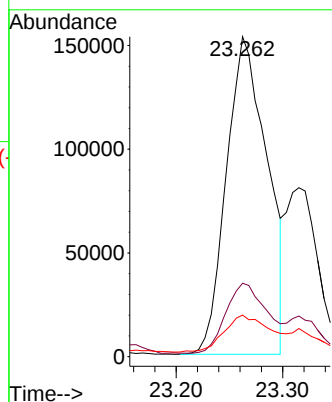
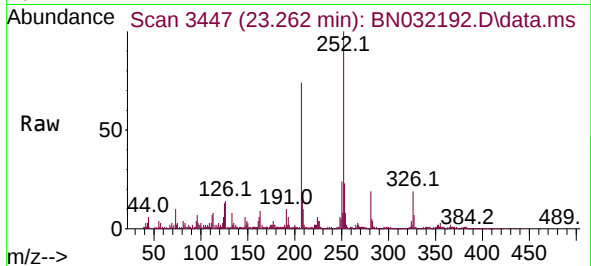




#90
Benzo(b)fluoranthene
Concen: 4.562 ng/ul
RT: 23.262 min Scan# 3445
Delta R.T. -0.000 min
Lab File: BN032192.D
Acq: 23 Jun 2024 08:21

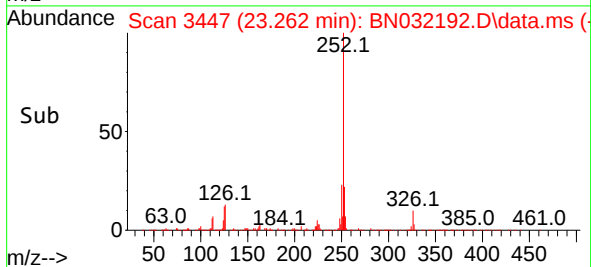
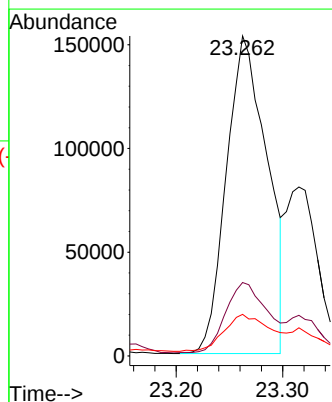
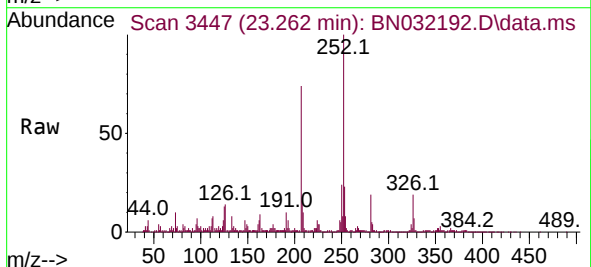
Instrument :
BNA_N
ClientSampleId :
A4CA0

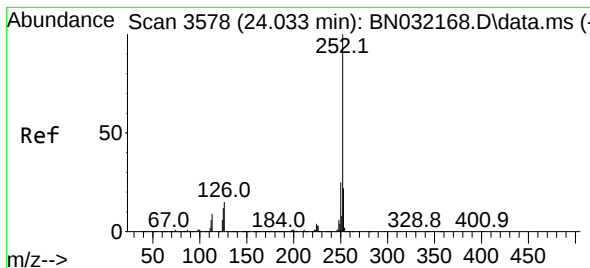
Tgt Ion:252 Resp: 406706
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.0 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 4.649 ng/ul
RT: 23.262 min Scan# 3447
Delta R.T. -0.059 min
Lab File: BN032192.D
Acq: 23 Jun 2024 08:21

Tgt Ion:252 Resp: 406706
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.0 9.4 14.2





#93

Benzo(a)pyrene

Concen: 1.844 ng/ul

RT: 24.045 min Scan# 3580

Delta R.T. 0.006 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

Instrument :

BNA_N

ClientSampleId :

A4CA0

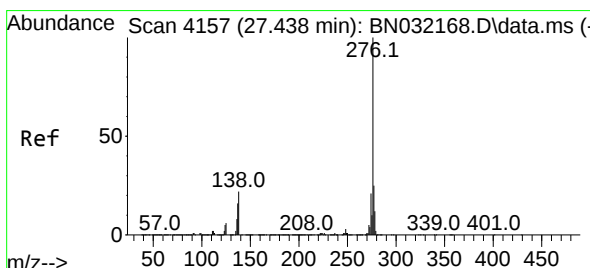
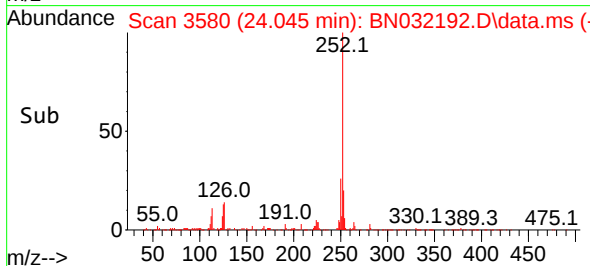
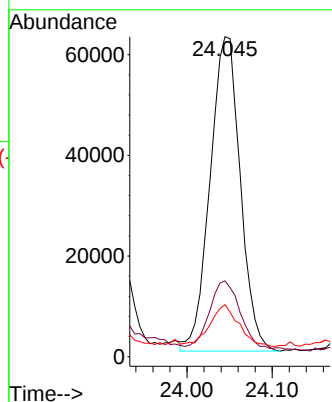
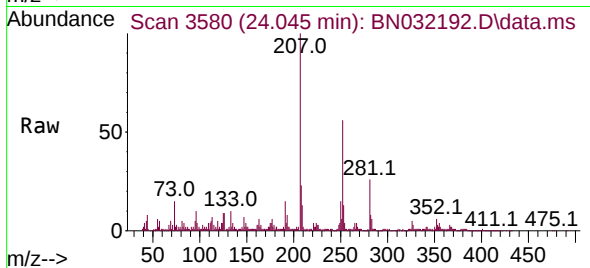
Tgt Ion:252 Resp: 153981

Ion Ratio Lower Upper

252 100

253 23.7 16.6 24.8

125 16.3 9.8 14.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.469 ng/ul

RT: 27.456 min Scan# 4160

Delta R.T. 0.012 min

Lab File: BN032192.D

Acq: 23 Jun 2024 08:21

Tgt Ion:276 Resp: 141329

Ion Ratio Lower Upper

276 100

138 23.7 18.1 27.1

277 23.9 18.2 27.2

