

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031660.D
 Acq On : 24 May 2024 14:20
 Operator : MA/JU
 Sample : P2548-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH609

Quant Time: May 24 22:42:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

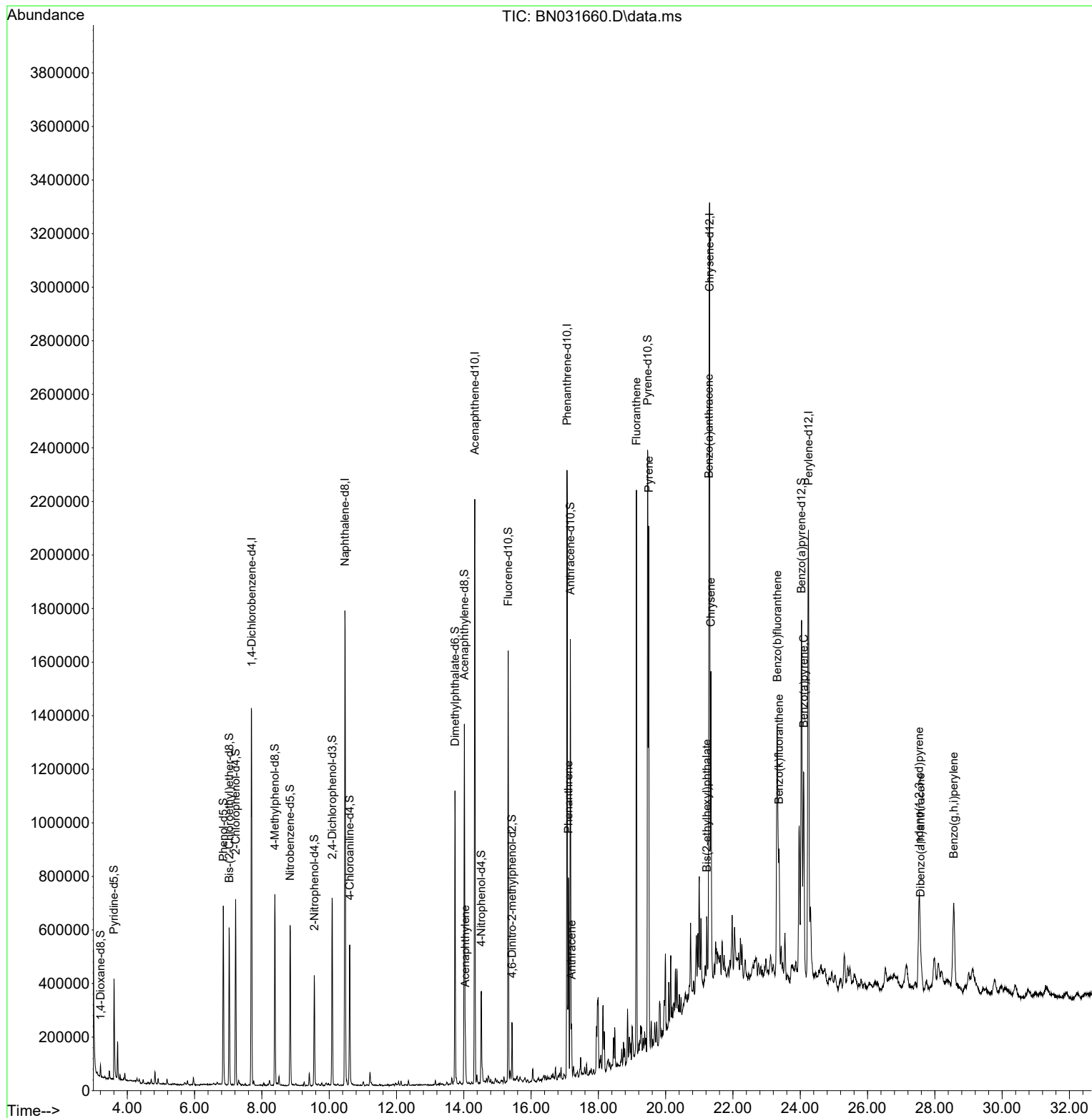
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	408816	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1521386	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	762561	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1343612	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1272527	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1556769	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	23811	2.309	ng/uL	0.00
4) Pyridine-d5	3.605	84	206236	7.165	ng/u1	0.00
7) Phenol-d5	6.852	99	403089	11.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	250945	12.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	332140	12.808	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	272914	10.476	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	149168	12.955	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	134331	12.217	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	260590	12.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	297112	9.588	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	715023	14.879	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	883793	14.673	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	78734	8.659	ng/u1	0.00
60) Fluorene-d10	15.322	176	593903	14.260	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	39648	6.825	ng/u1	0.00
73) Anthracene-d10	17.169	188	898309	15.794	ng/u1	0.00
81) Pyrene-d10	19.463	212	1037724	13.001	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1163055	15.872	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	126092	1.813	ng/u1	100
72) Phenanthrene	17.110	178	446707	6.551	ng/u1	99
74) Anthracene	17.204	178	119442	1.746	ng/u1	97
80) Fluoranthene	19.133	202	1215192	12.317	ng/u1	99
82) Pyrene	19.498	202	1190676	11.768	ng/u1	99
85) Benzo(a)anthracene	21.286	228	655857	7.664	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	97926	2.083	ng/u1#	98
87) Chrysene	21.345	228	739471	9.355	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1046591	11.520	ng/u1	96
91) Benzo(k)fluoranthene	23.368	252	327361	3.535	ng/u1	98
93) Benzo(a)pyrene	24.104	252	732430	8.393	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.539	276	533233	5.091	ng/u1	99
95) Dibenzo(a,h)anthracene	27.574	278	132703	1.539	ng/u1#	90
96) Benzo(g,h,i)perylene	28.562	276	525831	6.077	ng/u1	98

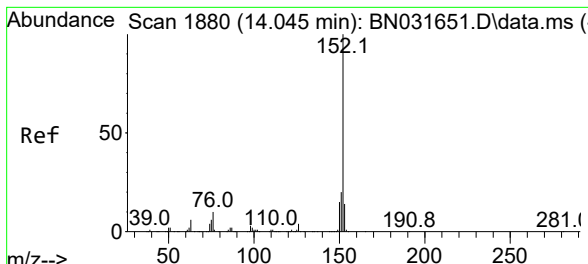
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
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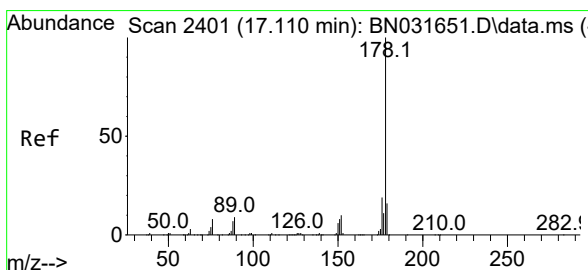
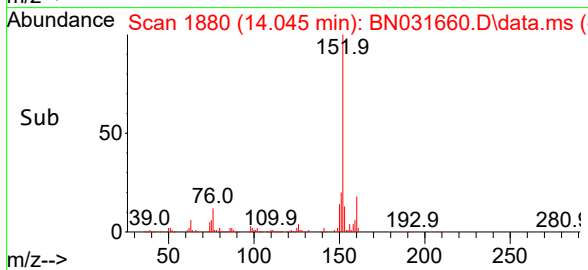
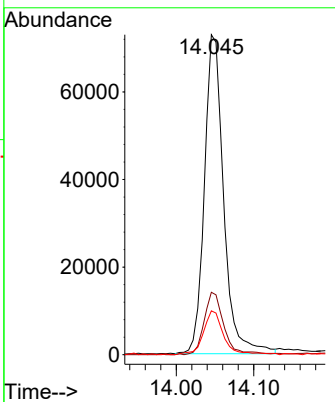
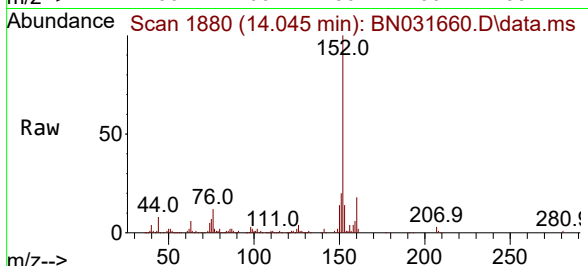




#50
 Acenaphthylene
 Concen: 1.813 ng/ul
 RT: 14.045 min Scan# 1880
 Delta R.T. -0.006 min
 Lab File: BN031660.D
 Acq: 24 May 2024 14:20

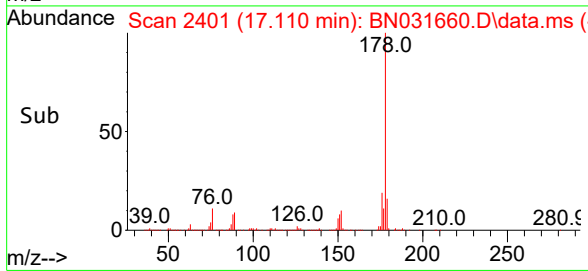
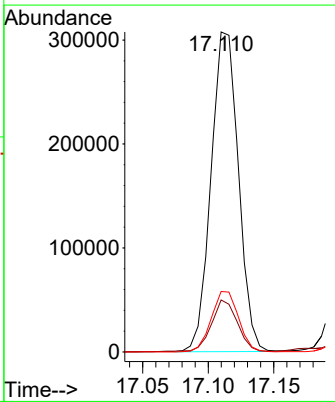
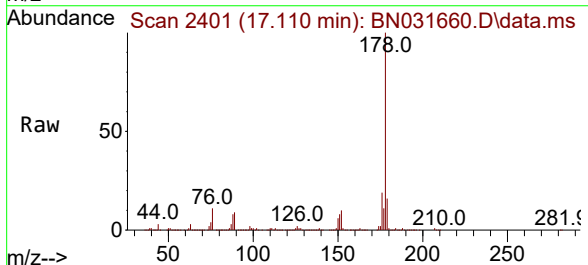
Instrument : BNA_N
 ClientSampleId : BH609

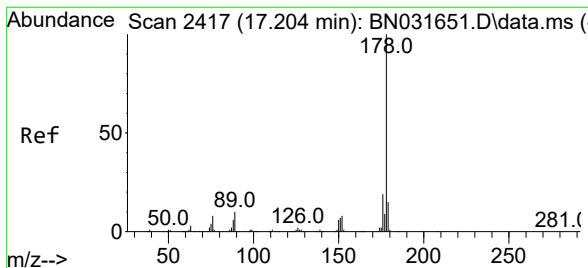
Tgt Ion:	152	Resp:	126092
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	13.7	10.8	16.2



#72
 Phenanthrene
 Concen: 6.551 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031660.D
 Acq: 24 May 2024 14:20

Tgt Ion:	178	Resp:	446707
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	18.9	15.2	22.8





#74

Anthracene

Concen: 1.746 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

Instrument :

BNA_N

ClientSampleId :

BH609

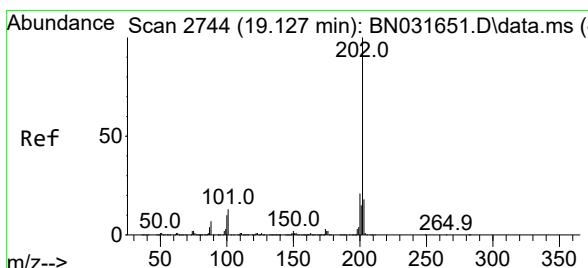
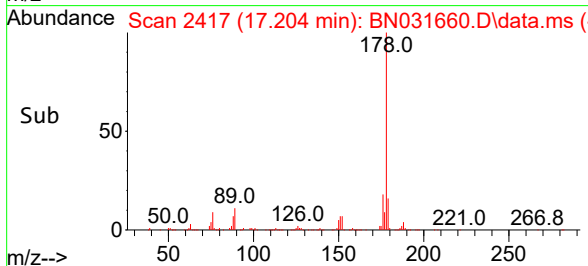
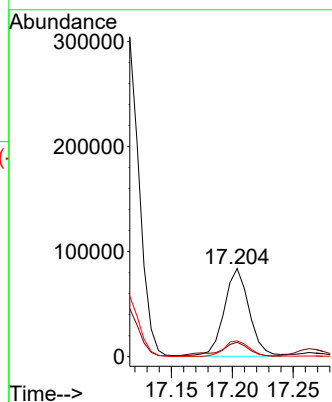
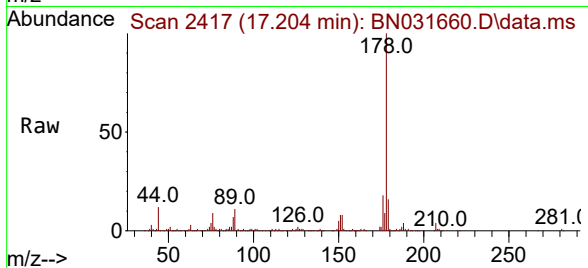
Tgt Ion:178 Resp: 119442

Ion Ratio Lower Upper

178 100

179 16.4 11.9 17.9

176 17.9 15.4 23.2



#80

Fluoranthene

Concen: 12.317 ng/ul

RT: 19.133 min Scan# 2745

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

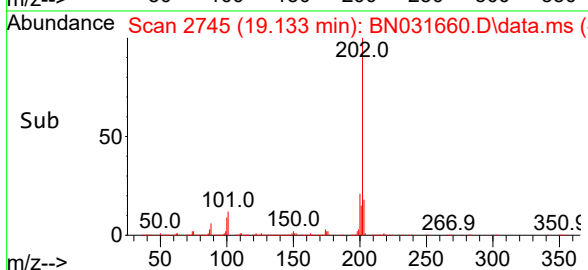
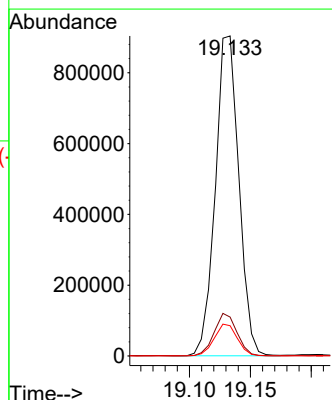
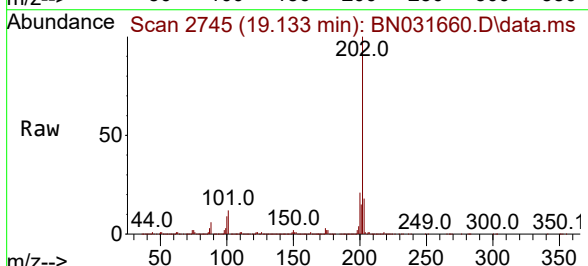
Tgt Ion:202 Resp: 1215192

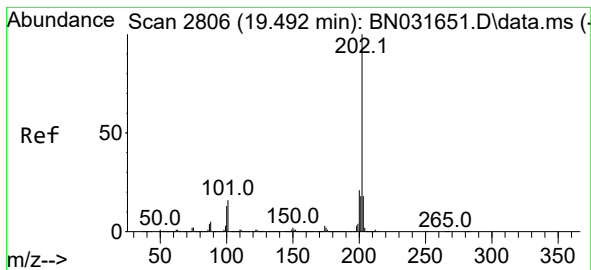
Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.4 8.0 12.0





#82

Pyrene

Concen: 11.768 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

Instrument :

BNA_N

ClientSampleId :

BH609

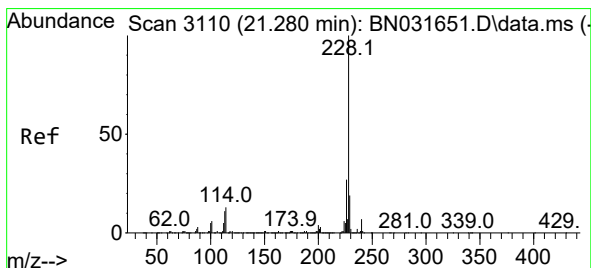
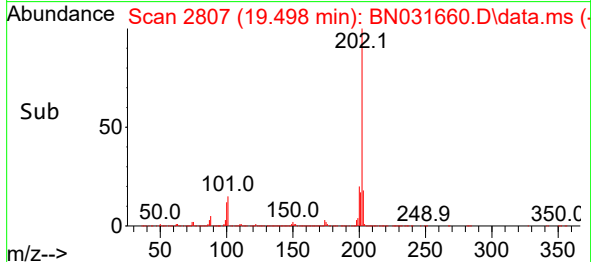
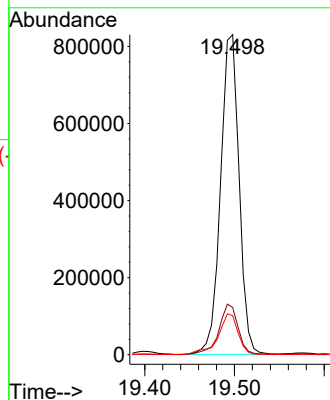
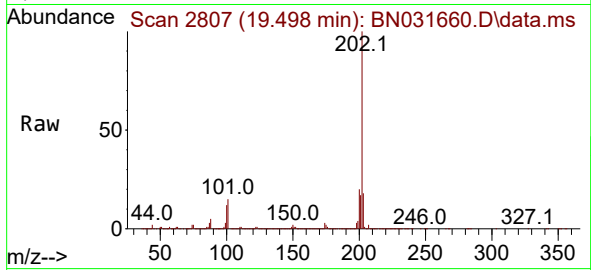
Tgt Ion:202 Resp: 1190676

Ion Ratio Lower Upper

202 100

101 14.8 11.4 17.2

100 12.2 9.3 13.9



#85

Benzo(a)anthracene

Concen: 7.664 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

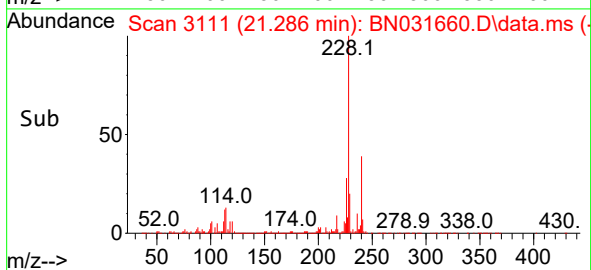
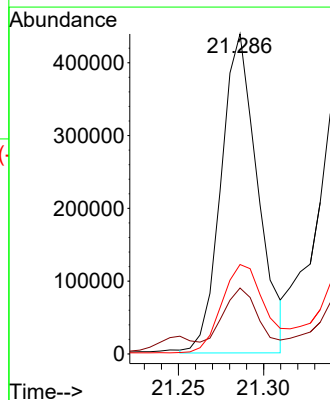
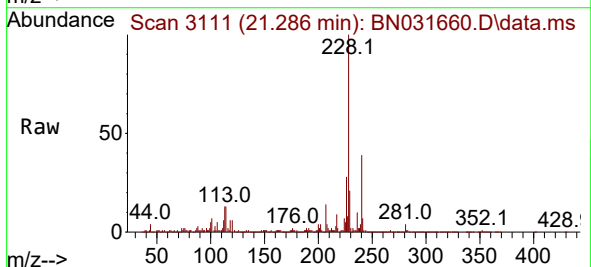
Tgt Ion:228 Resp: 655857

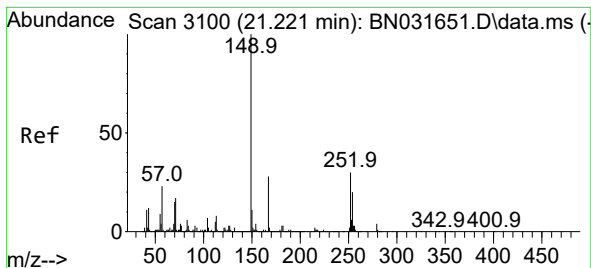
Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 28.0 21.9 32.9

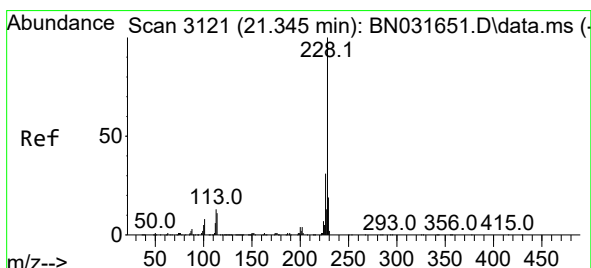
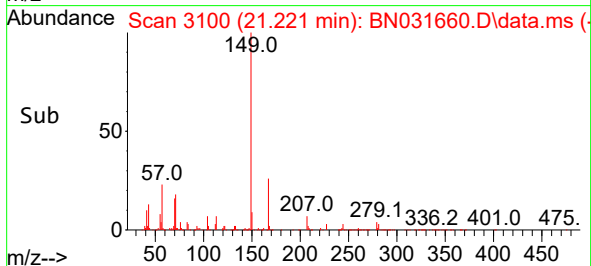
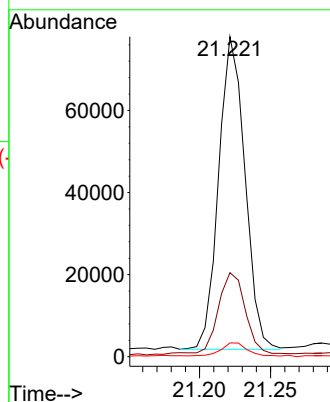
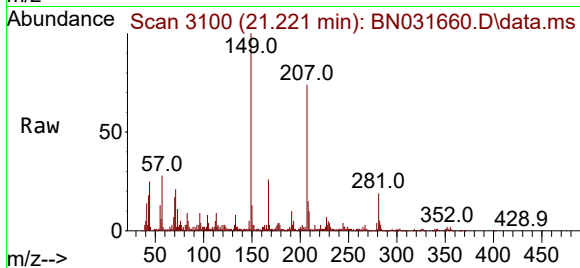




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.083 ng/ul
 RT: 21.221 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BN031660.D
 Acq: 24 May 2024 14:20

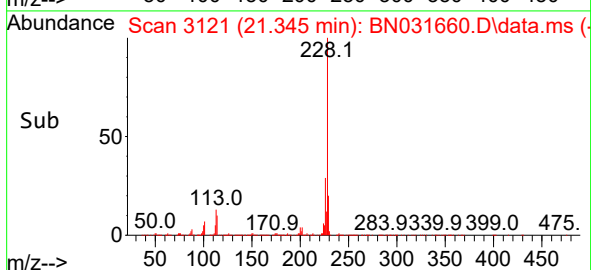
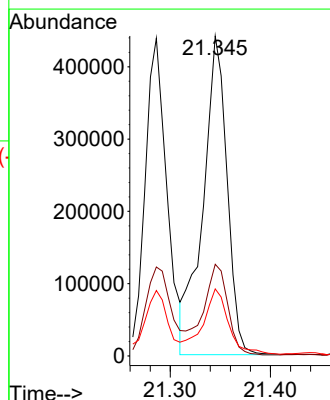
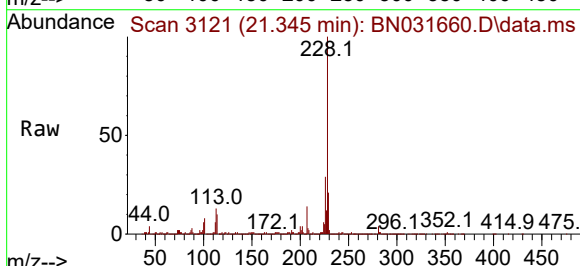
Instrument :
 BNA_N
 ClientSampleId :
 BH609

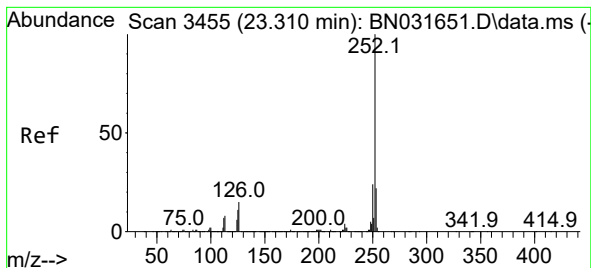
Tgt Ion:149 Resp: 97926
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.6 32.4
 279 4.3 2.8 4.2#



#87
 Chrysene
 Concen: 9.355 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. 0.000 min
 Lab File: BN031660.D
 Acq: 24 May 2024 14:20

Tgt Ion:228 Resp: 739471
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.9 34.3
 229 20.9 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 11.520 ng/ul

RT: 23.315 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

Instrument :

BNA_N

ClientSampleId :

BH609

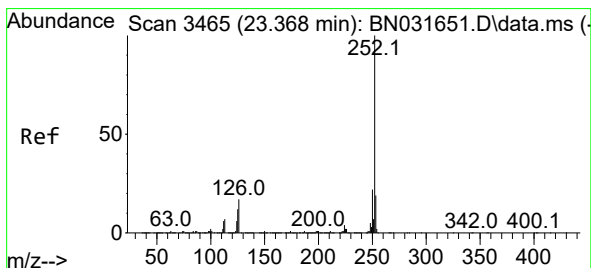
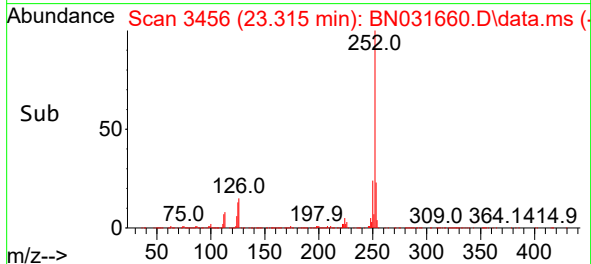
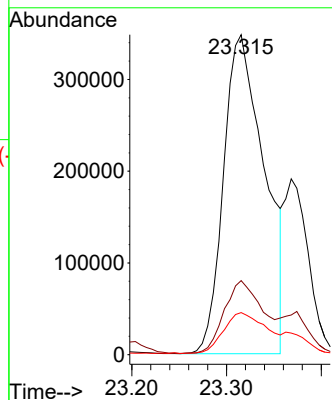
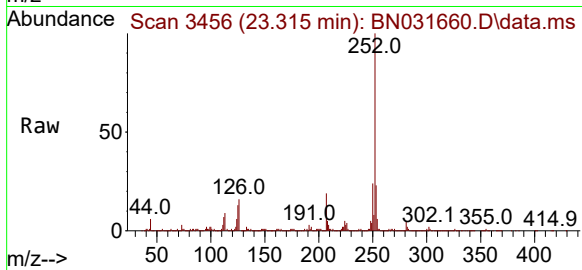
Tgt Ion:252 Resp: 1046591

Ion Ratio Lower Upper

252 100

253 23.2 16.8 25.2

125 13.1 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 3.535 ng/ul

RT: 23.368 min Scan# 3465

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

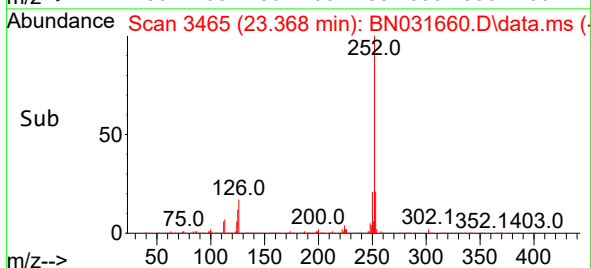
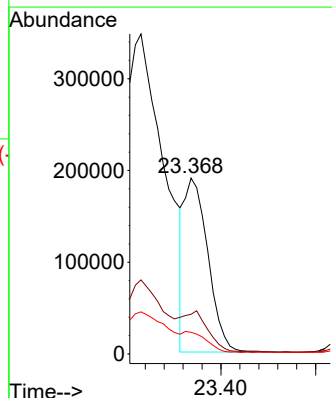
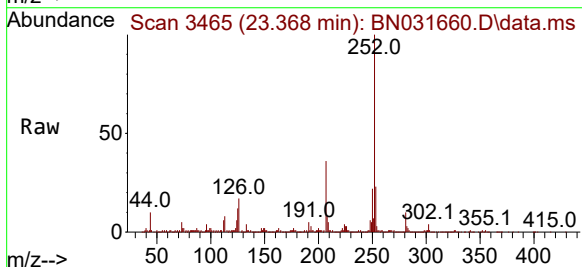
Tgt Ion:252 Resp: 327361

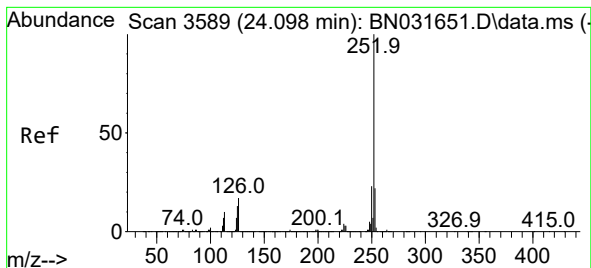
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 12.3 9.3 13.9





#93

Benzo(a)pyrene

Concen: 8.393 ng/ul

RT: 24.104 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

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BNA_N

ClientSampleId :

BH609

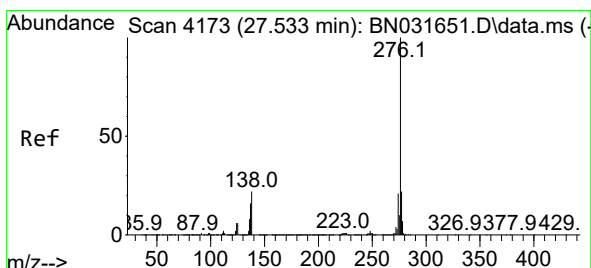
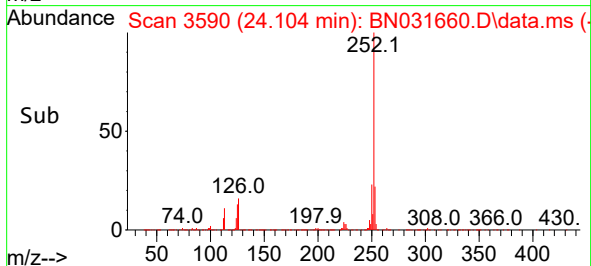
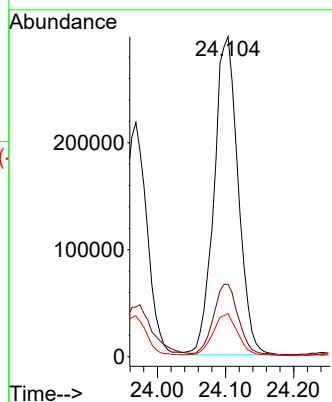
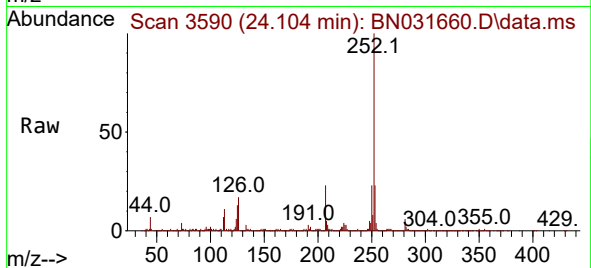
Tgt Ion:252 Resp: 732430

Ion Ratio Lower Upper

252 100

253 22.6 16.6 24.8

125 13.4 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.091 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031660.D

Acq: 24 May 2024 14:20

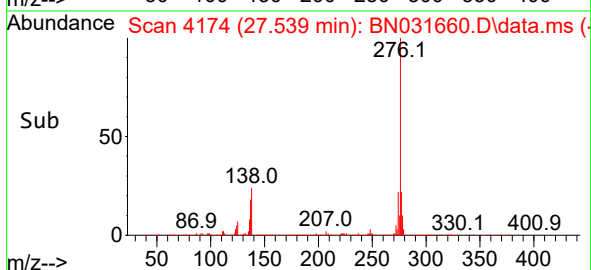
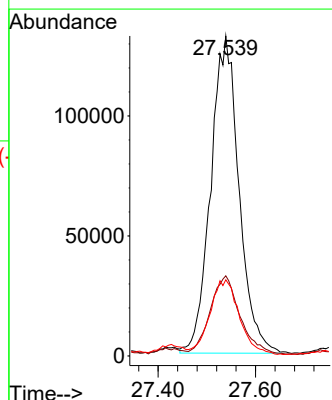
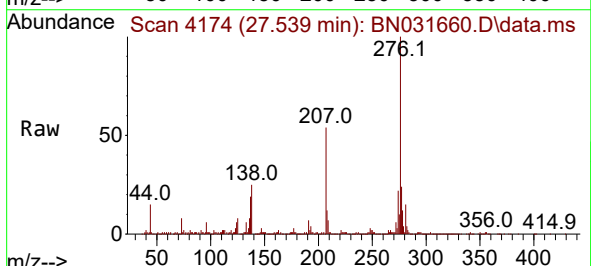
Tgt Ion:276 Resp: 533233

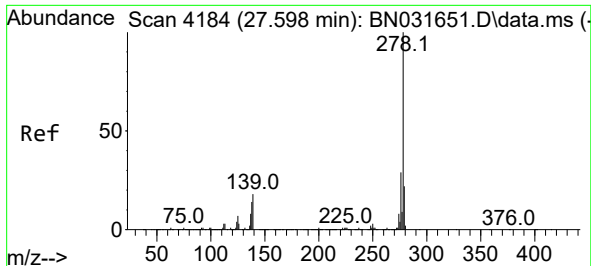
Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.6

277 23.8 18.2 27.4

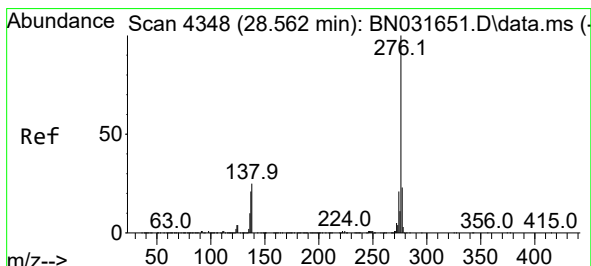
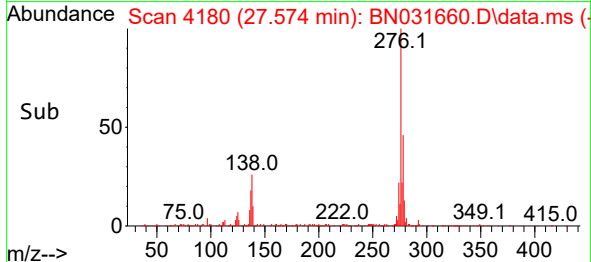
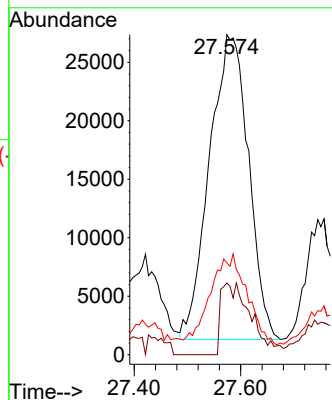
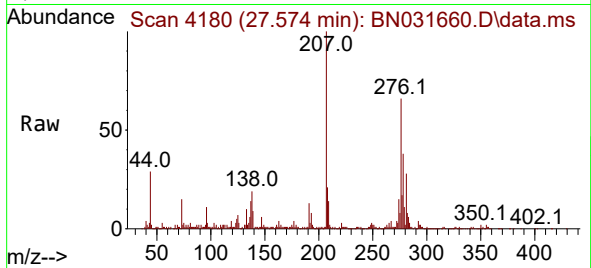




#95
Dibenzo(a,h)anthracene
Concen: 1.539 ng/ul
RT: 27.574 min Scan# 4180
Delta R.T. -0.018 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Instrument :
BNA_N
ClientSampleId :
BH609

Tgt Ion:278 Resp: 132703
Ion Ratio Lower Upper
278 100
139 22.4 15.2 22.8
279 28.7 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 6.077 ng/ul
RT: 28.562 min Scan# 4348
Delta R.T. 0.006 min
Lab File: BN031660.D
Acq: 24 May 2024 14:20

Tgt Ion:276 Resp: 525831
Ion Ratio Lower Upper
276 100
138 25.4 19.5 29.3
277 23.0 17.6 26.4

