

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031661.D
 Acq On : 24 May 2024 15:00
 Operator : MA/JU
 Sample : P2548-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH610

Quant Time: May 24 22:43:04 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)

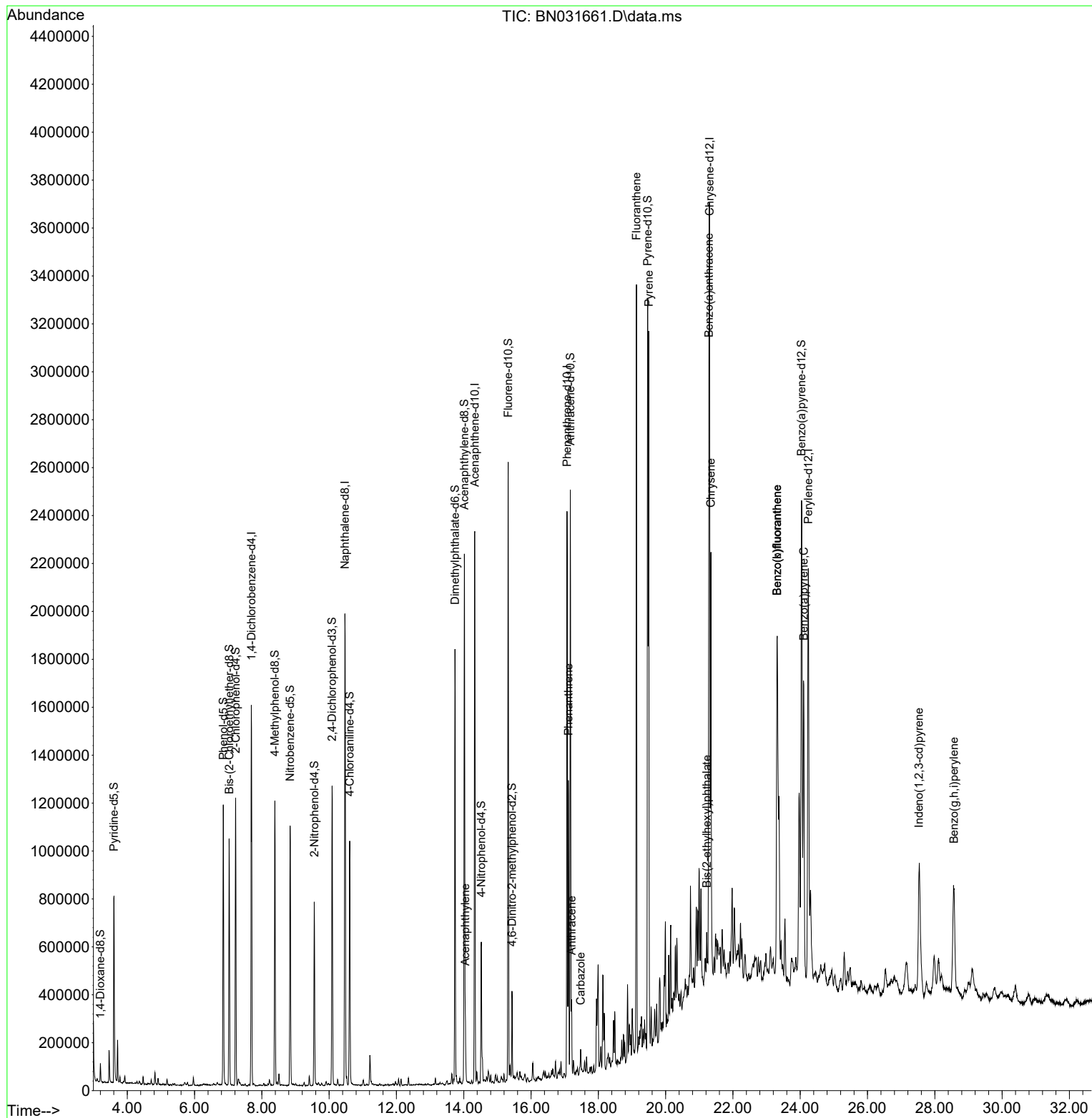
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	437605	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1673156	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	838916	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1395249	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1261478	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1555460	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	39337	3.563	ng/uL	0.00
4) Pyridine-d5	3.605	84	446653	14.497	ng/u1	0.00
7) Phenol-d5	6.852	99	704728	19.563	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	439334	20.334	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	573878	20.675	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	456726	16.378	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	268768	21.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	254809	21.073	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	463493	19.604	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	561758	16.483	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1196906	22.639	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1457657	21.998	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	134795	13.475	ng/u1	0.00
60) Fluorene-d10	15.322	176	987522	21.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	68821	11.409	ng/u1	0.00
73) Anthracene-d10	17.169	188	1341818	22.718	ng/u1	0.00
81) Pyrene-d10	19.463	212	1502594	18.990	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1774315	24.234	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	199007	2.602	ng/u1	99
72) Phenanthrene	17.110	178	732689	10.347	ng/u1	98
74) Anthracene	17.204	178	192633	2.712	ng/u1	97
77) Carbazole	17.475	167	63549	1.048	ng/u1	98
80) Fluoranthene	19.133	202	1829241	18.703	ng/u1	98
82) Pyrene	19.498	202	1779196	17.738	ng/u1	100
85) Benzo(a)anthracene	21.286	228	1027213	12.109	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	78050	1.675	ng/u1	97
87) Chrysene	21.345	228	1103988	14.089	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	1525105	16.802	ng/u1	99
91) Benzo(k)fluoranthene	23.310	252	1525105	16.483	ng/u1	98
93) Benzo(a)pyrene	24.104	252	1127345	12.929	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	375368	3.587	ng/u1	98
96) Benzo(g,h,i)perylene	28.568	276	782898	9.055	ng/u1	99

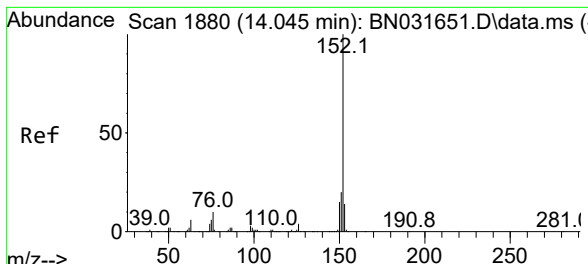
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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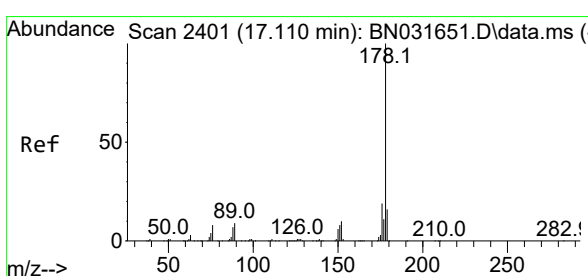
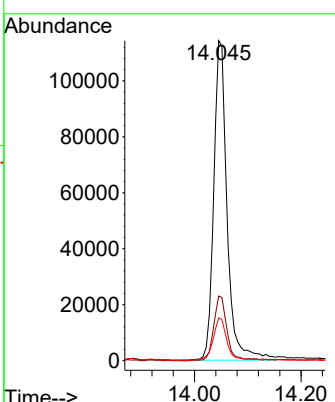
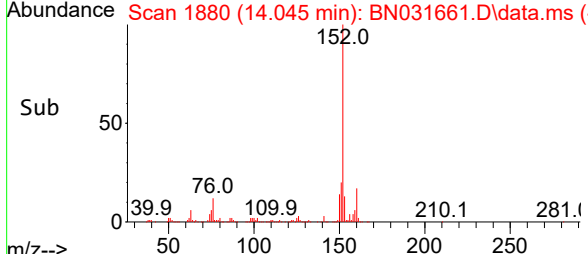
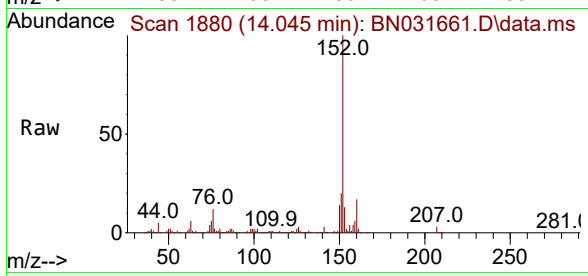


#50
 Acenaphthylene
 Concen: 2.602 ng/ul
 RT: 14.045 min Scan# 1880
 Delta R.T. -0.006 min
 Lab File: BN031661.D
 Acq: 24 May 2024 15:00

Instrument : BNA_N
 ClientSampleId : BH610

Tgt Ion:152 Resp: 199007

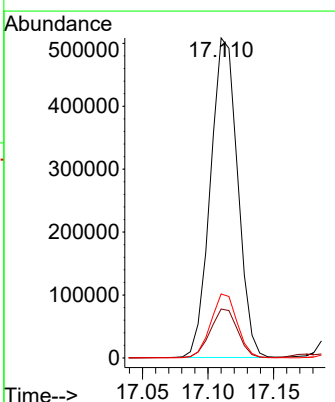
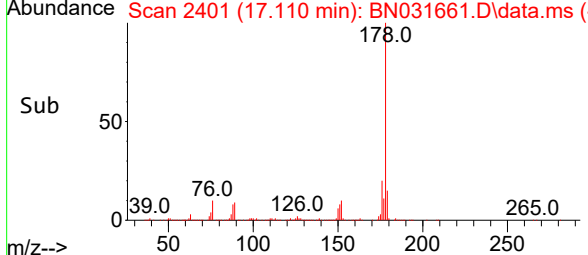
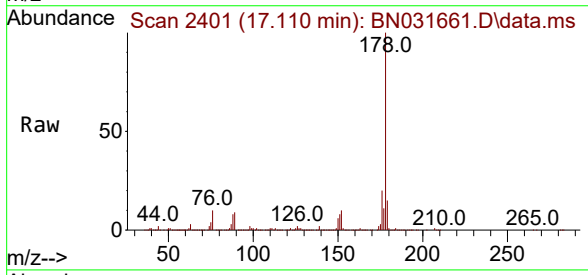
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.6	23.4
153	13.4	10.8	16.2

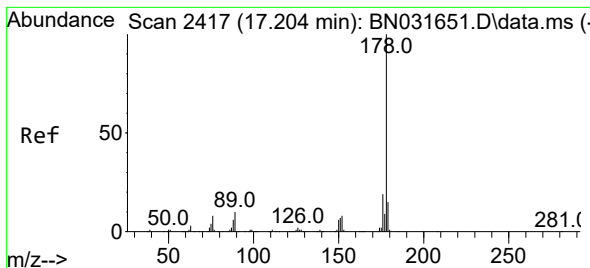


#72
 Phenanthrene
 Concen: 10.347 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031661.D
 Acq: 24 May 2024 15:00

Tgt Ion:178 Resp: 732689

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	20.0	15.2	22.8





#74

Anthracene

Concen: 2.712 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BH610

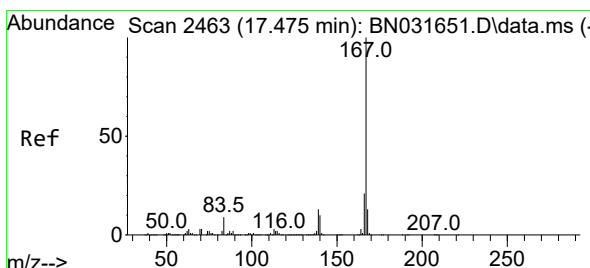
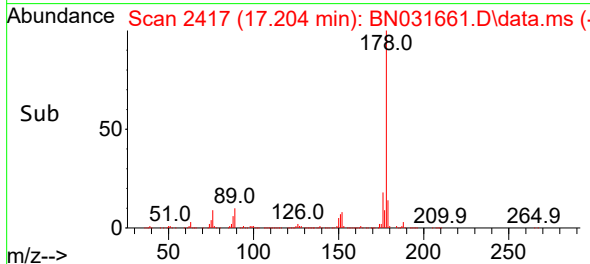
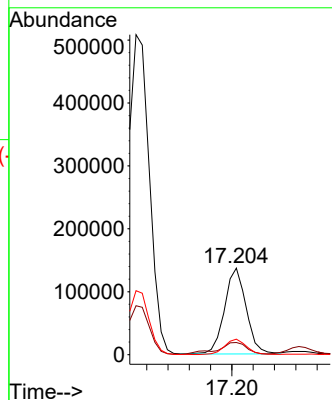
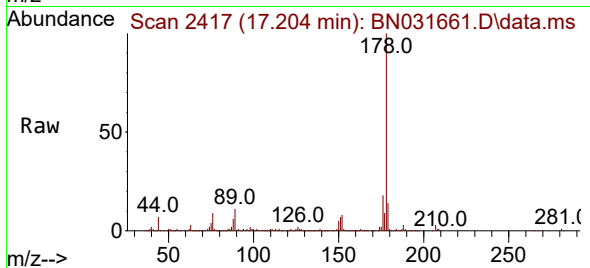
Tgt Ion:178 Resp: 192633

Ion Ratio Lower Upper

178 100

179 14.0 11.9 17.9

176 17.9 15.4 23.2



#77

Carbazole

Concen: 1.048 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

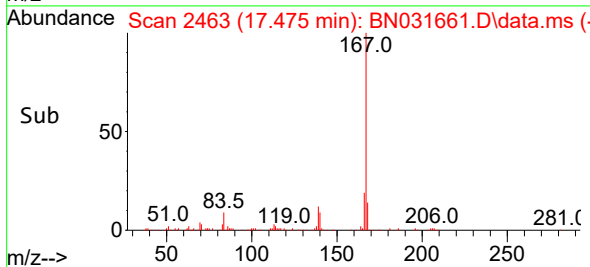
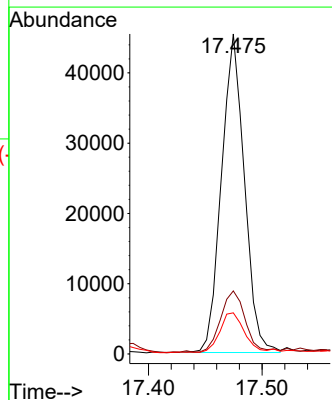
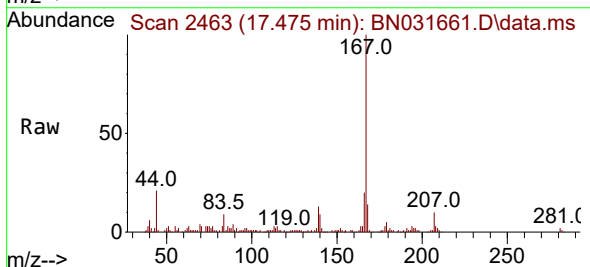
Tgt Ion:167 Resp: 63549

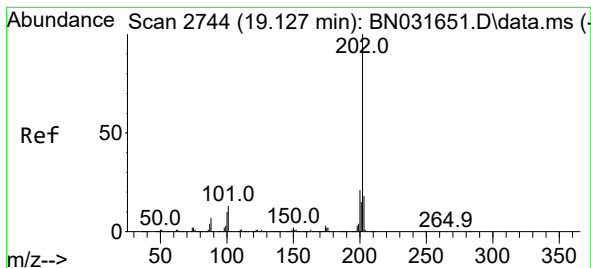
Ion Ratio Lower Upper

167 100

166 19.7 16.7 25.1

139 12.8 10.5 15.7





#80

Fluoranthene

Concen: 18.703 ng/ul

RT: 19.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BH610

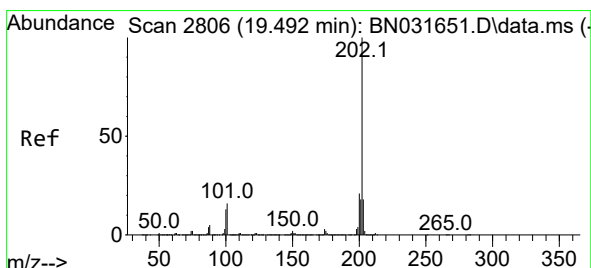
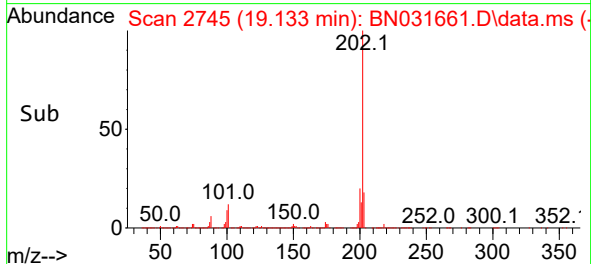
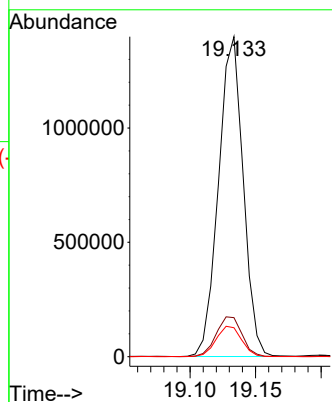
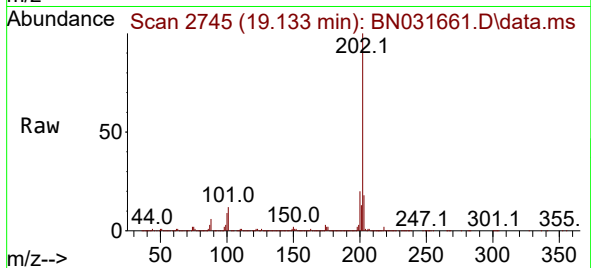
Tgt Ion:202 Resp: 1829241

Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.0 8.0 12.0



#82

Pyrene

Concen: 17.738 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

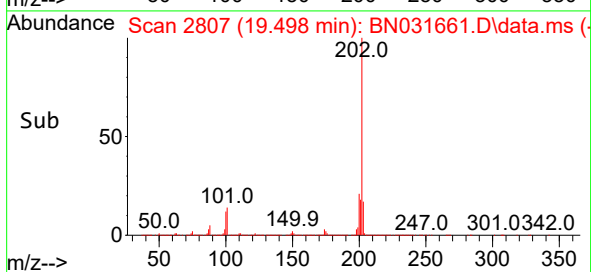
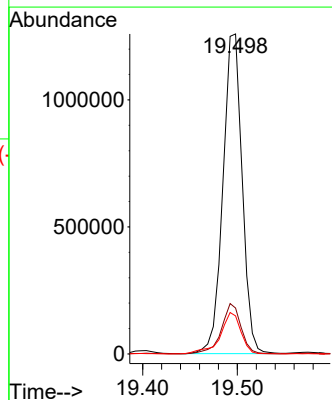
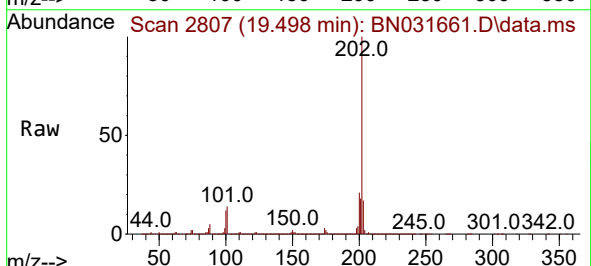
Tgt Ion:202 Resp: 1779196

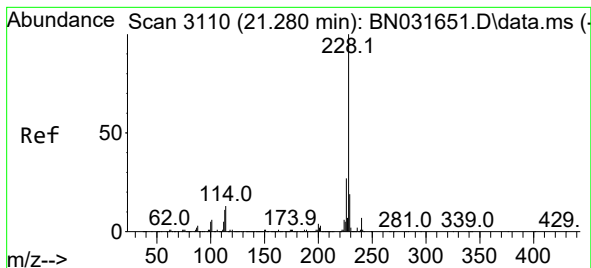
Ion Ratio Lower Upper

202 100

101 14.3 11.4 17.2

100 11.9 9.3 13.9





#85

Benzo(a)anthracene

Concen: 12.109 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BH610

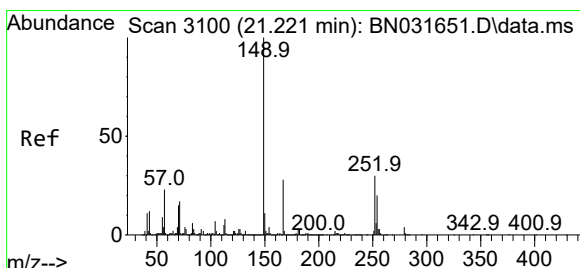
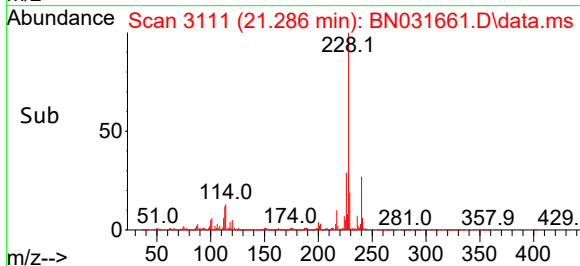
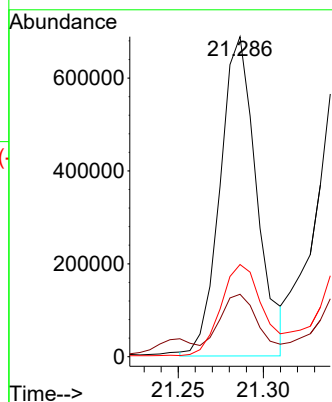
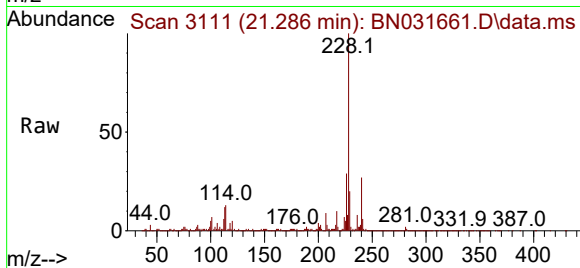
Tgt Ion:228 Resp: 1027213

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 28.8 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.675 ng/ul

RT: 21.222 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

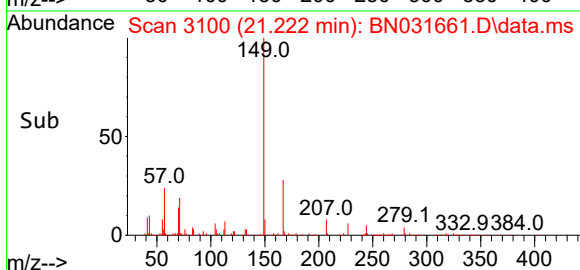
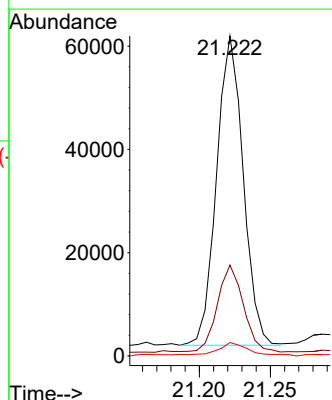
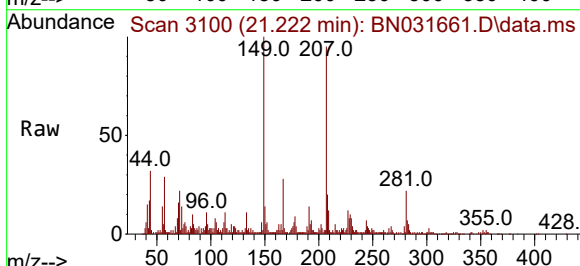
Tgt Ion:149 Resp: 78050

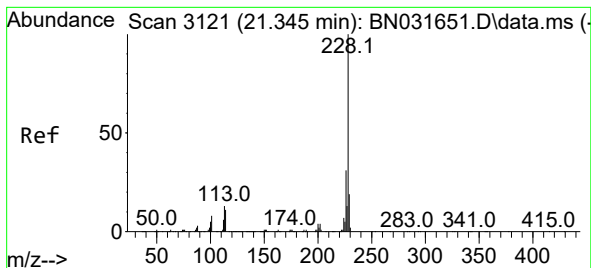
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 4.2 2.8 4.2





#87

Chrysene

Concen: 14.089 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

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BH610

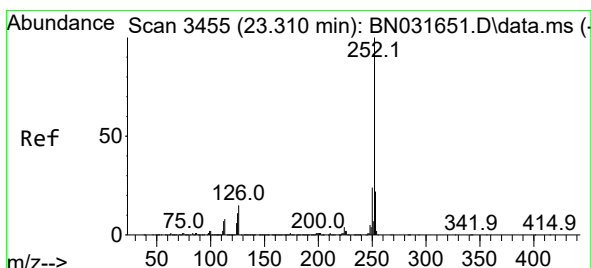
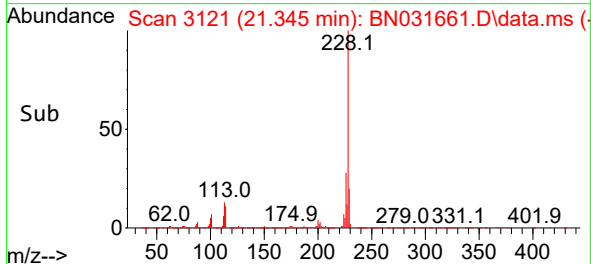
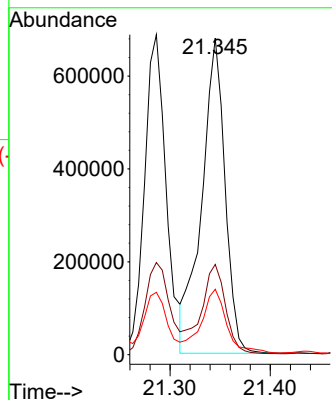
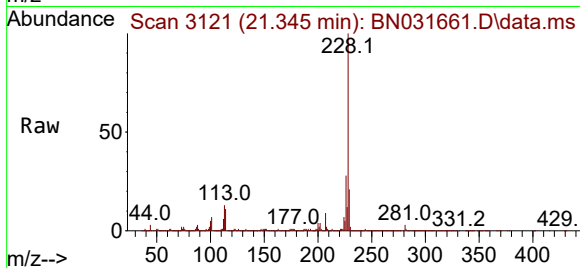
Tgt Ion:228 Resp: 1103988

Ion Ratio Lower Upper

228 100

226 28.5 22.9 34.3

229 20.7 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 16.802 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

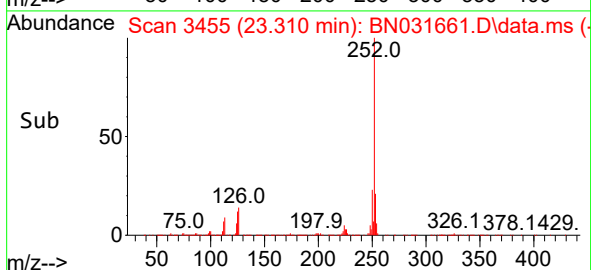
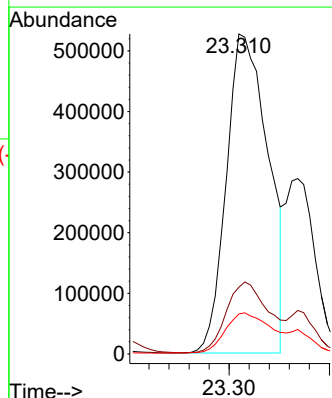
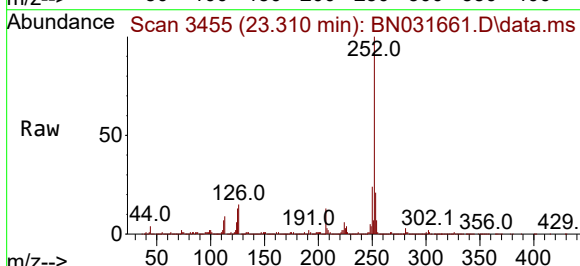
Tgt Ion:252 Resp: 1525105

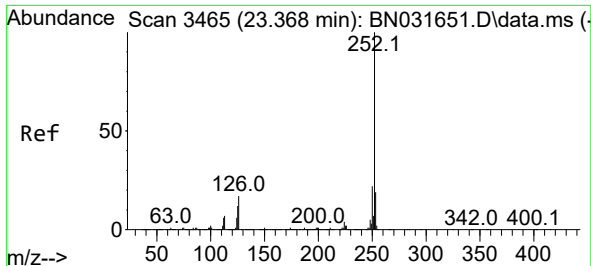
Ion Ratio Lower Upper

252 100

253 20.9 16.8 25.2

125 12.5 9.3 13.9

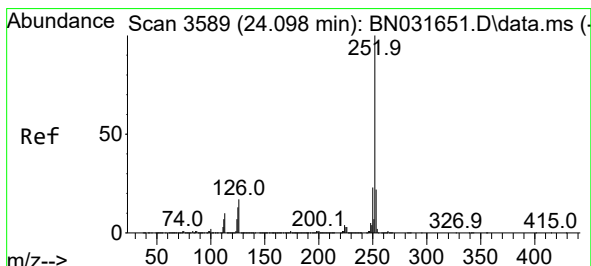
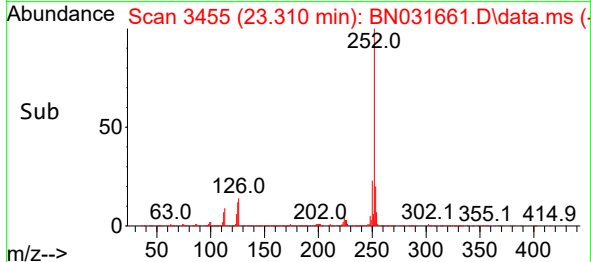
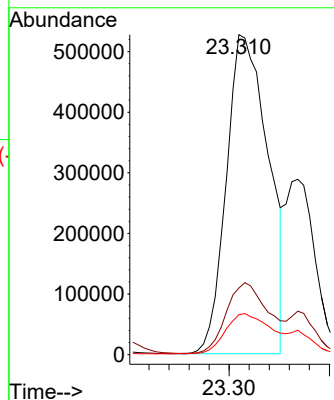
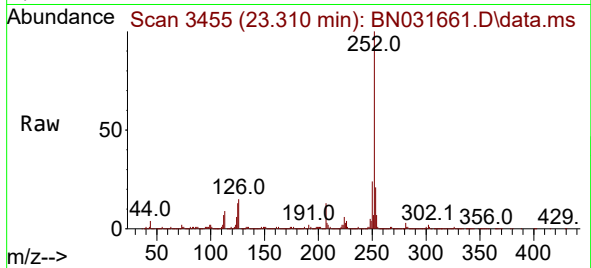




#91
Benzo(k)fluoranthene
Concen: 16.483 ng/ul
RT: 23.310 min Scan# 3465
Delta R.T. -0.059 min
Lab File: BN031661.D
Acq: 24 May 2024 15:00

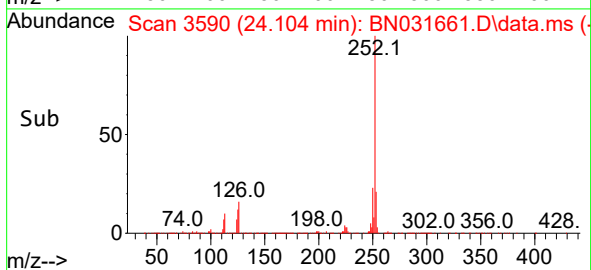
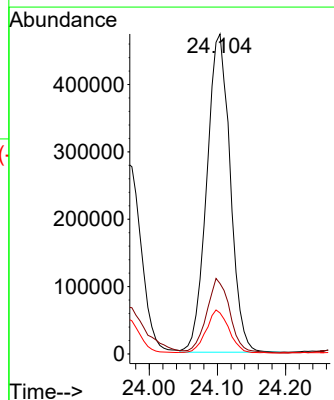
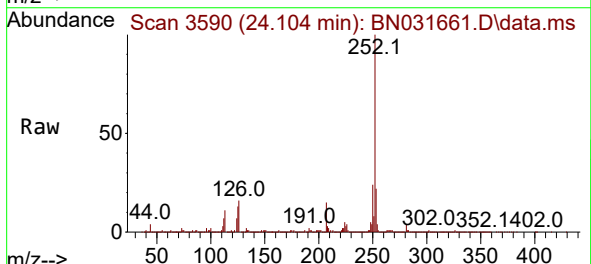
Instrument :
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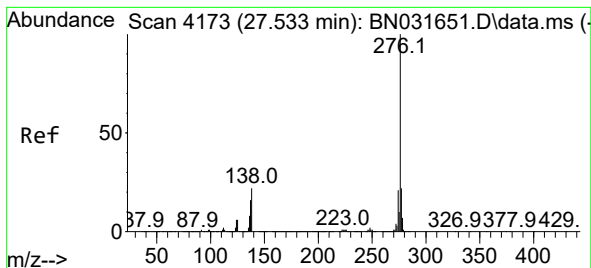
Tgt Ion:252 Resp: 1525105
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 12.5 9.3 13.9



#93
Benzo(a)pyrene
Concen: 12.929 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031661.D
Acq: 24 May 2024 15:00

Tgt Ion:252 Resp: 1127345
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 12.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.587 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

Instrument :

BNA_N

ClientSampleId :

BH610

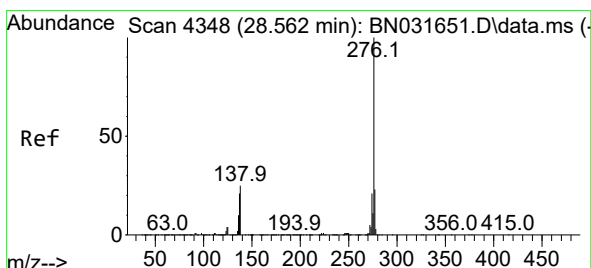
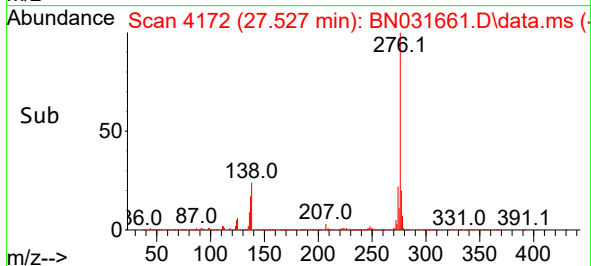
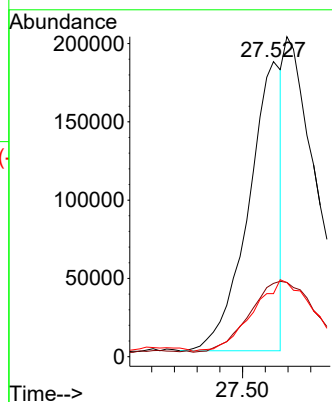
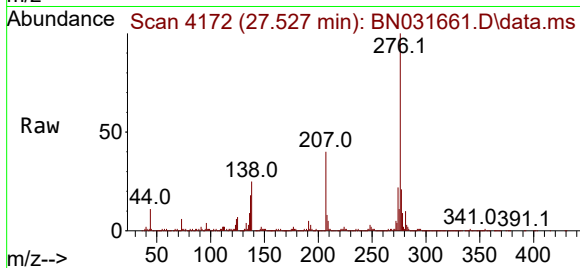
Tgt Ion:276 Resp: 375368

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 21.3 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 9.055 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. 0.012 min

Lab File: BN031661.D

Acq: 24 May 2024 15:00

Tgt Ion:276 Resp: 782898

Ion Ratio Lower Upper

276 100

138 25.5 19.5 29.3

277 22.2 17.6 26.4

