

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031665.D
 Acq On : 24 May 2024 17:39
 Operator : MA/JU
 Sample : P2548-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y0

Quant Time: May 24 22:43:59 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)

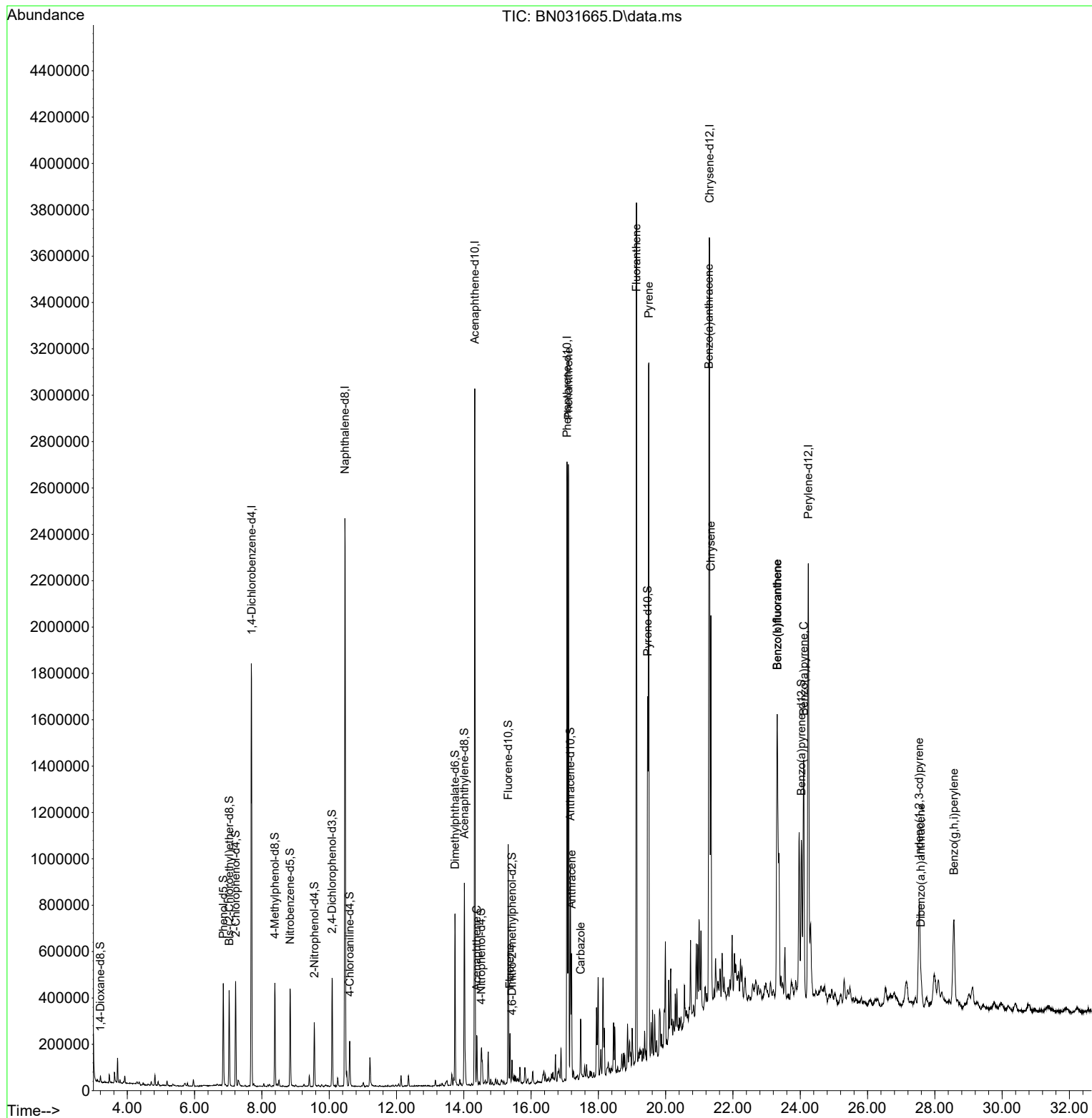
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	512130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2074443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1024554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1621129	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1360774	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1675840	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	14077	1.089	ng/uL	0.00
4) Pyridine-d5	3.622	84	19811	0.549	ng/ul	0.02
7) Phenol-d5	6.852	99	263836	6.258	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	177360	7.014	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	219695	6.763	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	172124	5.274	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	101601	6.471	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	88318	5.891	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	174063	5.938	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	106044	2.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	473918	7.340	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	573490	7.087	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	27578	2.257	ng/ul	0.00
60) Fluorene-d10	15.322	176	389696	6.964	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	18513	2.641	ng/ul	0.00
73) Anthracene-d10	17.169	188	495079	7.214	ng/ul	0.00
81) Pyrene-d10	19.463	212	569569	6.673	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	601631	7.627	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.387	153	86885	1.435	ng/ul	91
61) Fluorene	15.375	166	92686	1.464	ng/ul	98
72) Phenanthrene	17.110	178	1607174	19.535	ng/ul	99
74) Anthracene	17.204	178	329618	3.993	ng/ul	98
77) Carbazole	17.475	167	160940	2.285	ng/ul	97
80) Fluoranthene	19.133	202	2205060	20.900	ng/ul	98
82) Pyrene	19.498	202	1898759	17.549	ng/ul	100
85) Benzo(a)anthracene	21.286	228	1026220	11.215	ng/ul	99
87) Chrysene	21.345	228	1024159	12.117	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	1389567	14.209	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	1389567	13.939	ng/ul	99
93) Benzo(a)pyrene	24.104	252	962935	10.251	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.539	276	642029	5.695	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	167763	1.807	ng/ul	98
96) Benzo(g,h,i)perylene	28.568	276	611920	6.569	ng/ul	93

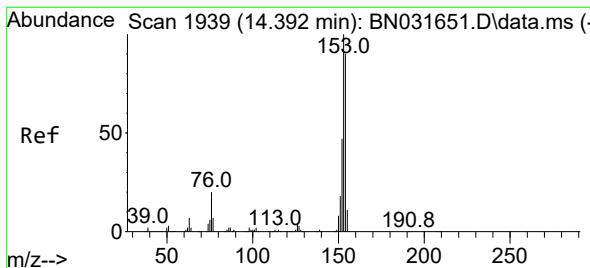
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 1.435 ng/ul

RT: 14.387 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

Instrument :

BNA_N

ClientSampleId :

BH5Y0

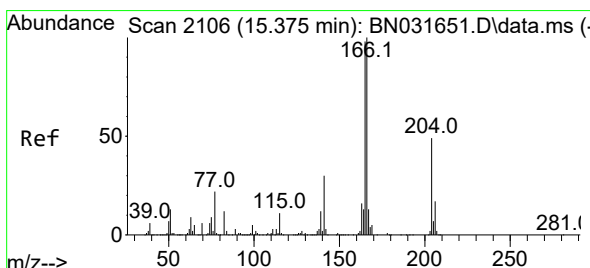
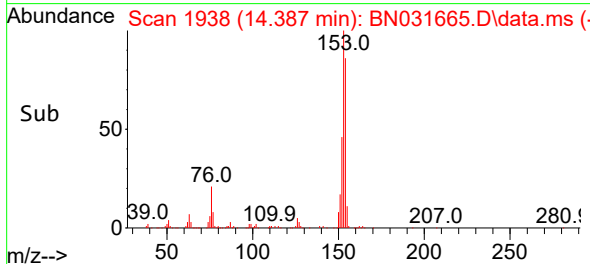
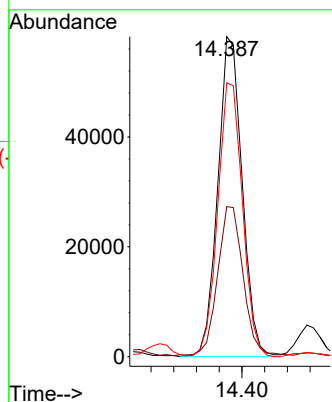
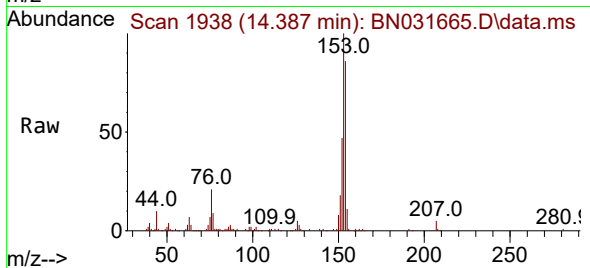
Tgt Ion:153 Resp: 86885

Ion Ratio Lower Upper

153 100

152 46.9 40.5 60.7

154 85.6 76.6 114.8



#61

Fluorene

Concen: 1.464 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

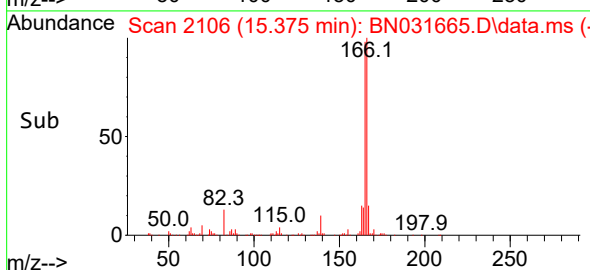
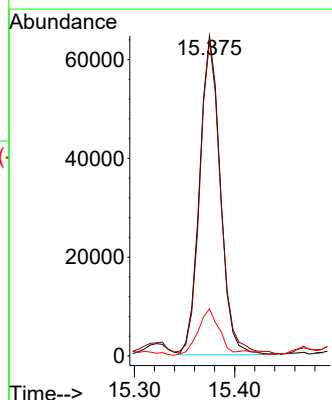
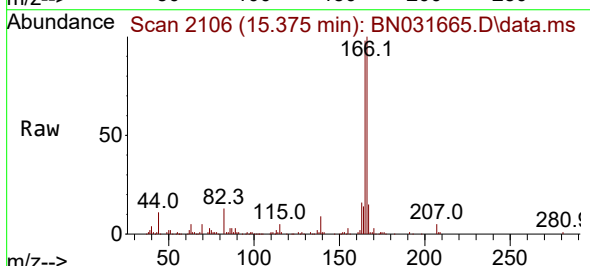
Tgt Ion:166 Resp: 92686

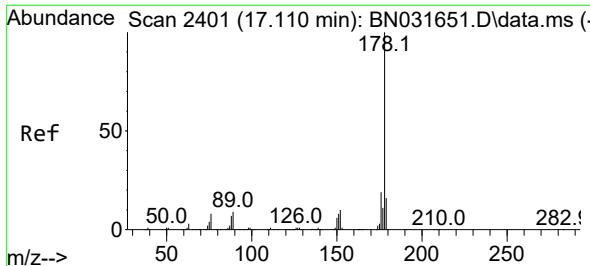
Ion Ratio Lower Upper

166 100

165 98.5 77.0 115.6

167 14.7 10.9 16.3

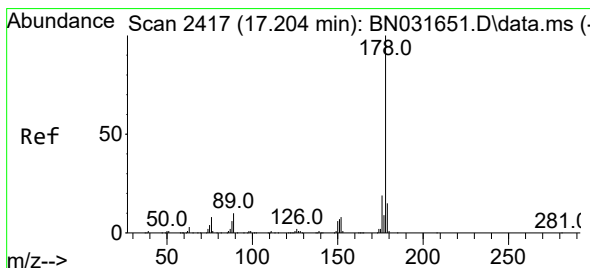
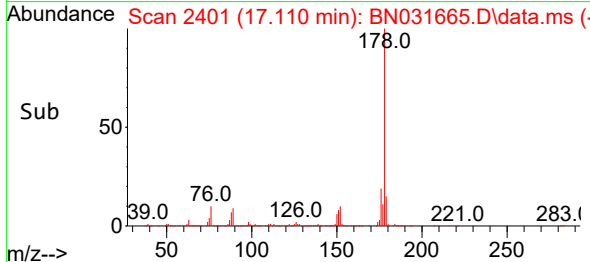
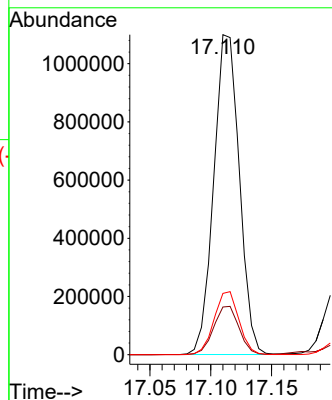
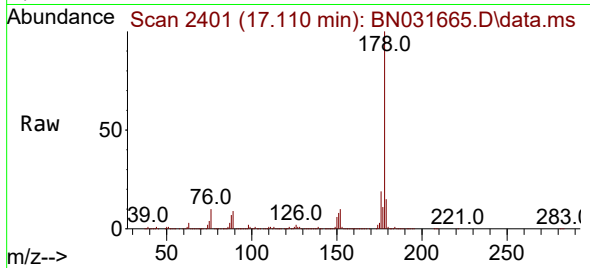




#72
Phenanthrene
Concen: 19.535 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031665.D
Acq: 24 May 2024 17:39

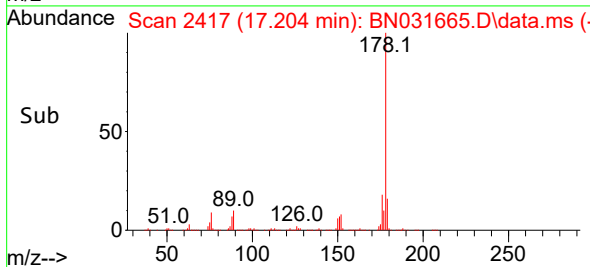
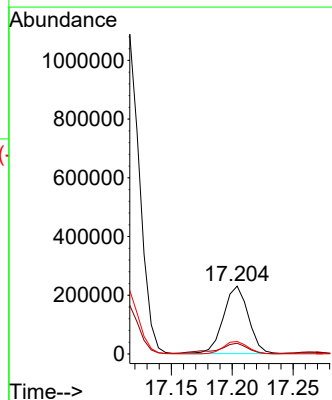
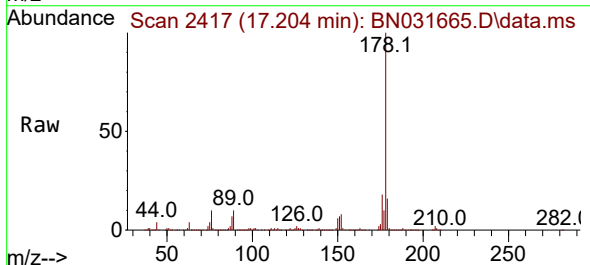
Instrument :
BNA_N
ClientSampleId :
BH5Y0

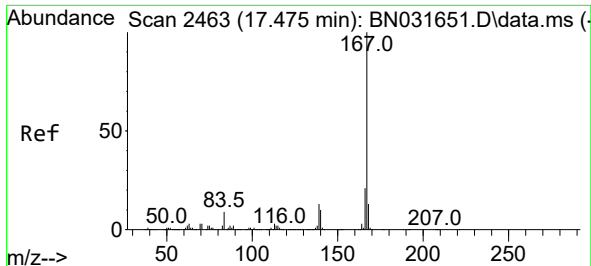
Tgt Ion:178 Resp: 1607174
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 19.2 15.2 22.8



#74
Anthracene
Concen: 3.993 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031665.D
Acq: 24 May 2024 17:39

Tgt Ion:178 Resp: 329618
Ion Ratio Lower Upper
178 100
179 15.9 11.9 17.9
176 18.4 15.4 23.2



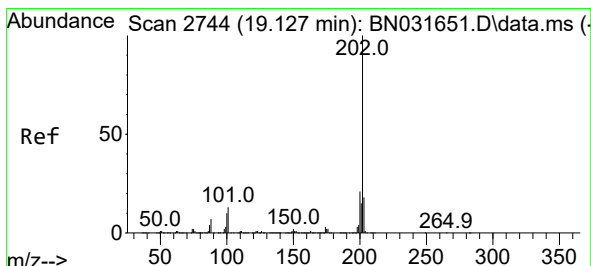
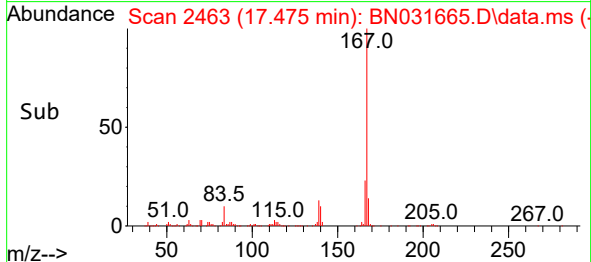
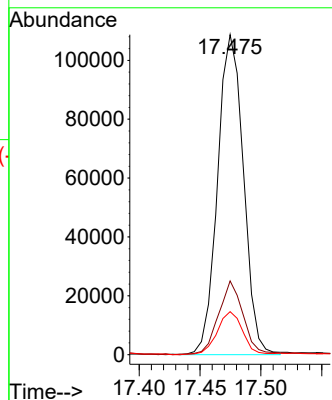
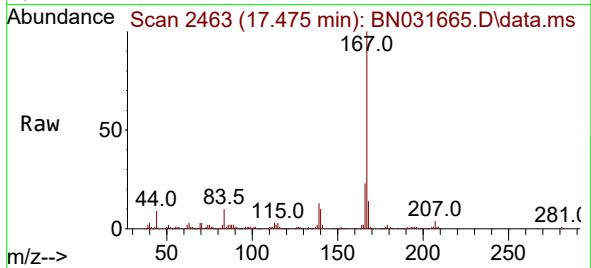


#77
 Carbazole
 Concen: 2.285 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031665.D
 Acq: 24 May 2024 17:39

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y0

Tgt Ion:167 Resp: 160940

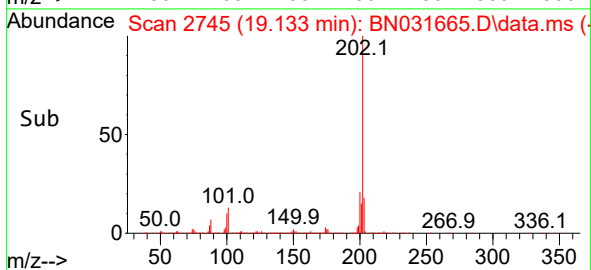
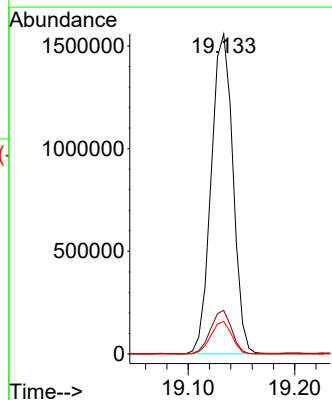
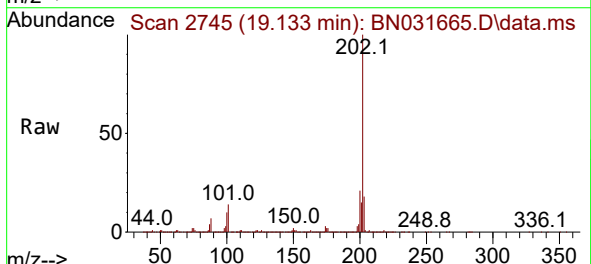
Ion	Ratio	Lower	Upper
167	100		
166	23.1	16.7	25.1
139	13.5	10.5	15.7

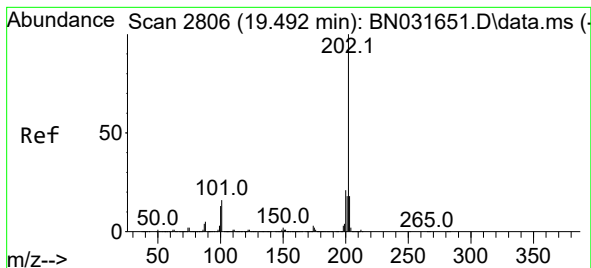


#80
 Fluoranthene
 Concen: 20.900 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BN031665.D
 Acq: 24 May 2024 17:39

Tgt Ion:202 Resp: 2205060

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.1	15.1
100	10.2	8.0	12.0





#82

Pyrene

Concen: 17.549 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

Instrument :

BNA_N

ClientSampleId :

BH5Y0

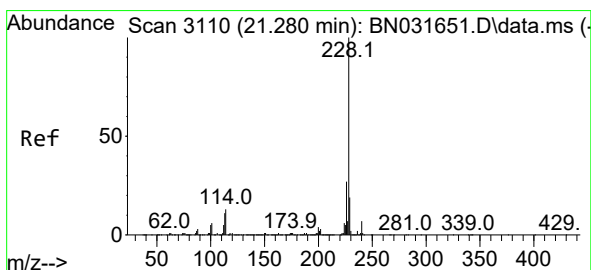
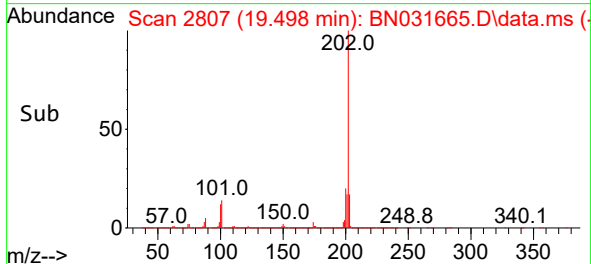
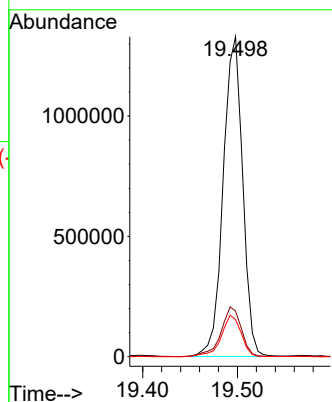
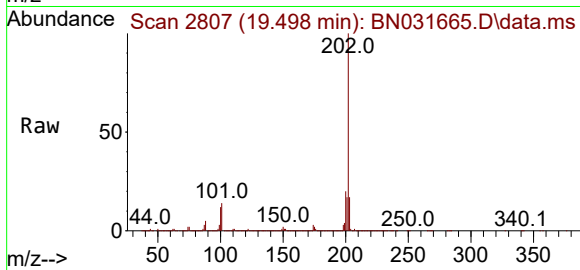
Tgt Ion:202 Resp: 1898759

Ion Ratio Lower Upper

202 100

101 14.2 11.4 17.2

100 11.6 9.3 13.9



#85

Benzo(a)anthracene

Concen: 11.215 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

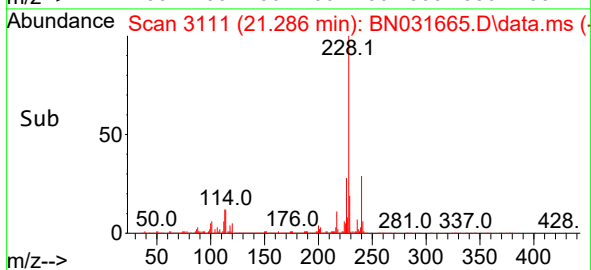
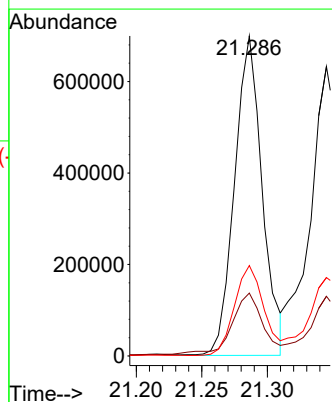
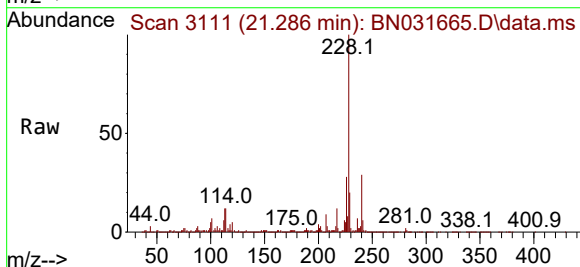
Tgt Ion:228 Resp: 1026220

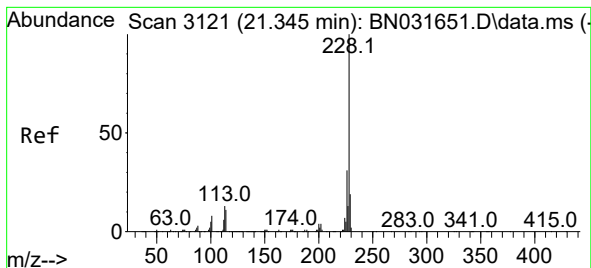
Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 28.2 21.9 32.9





#87

Chrysene

Concen: 12.117 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031665.D

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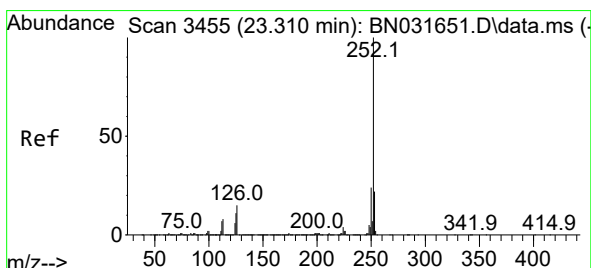
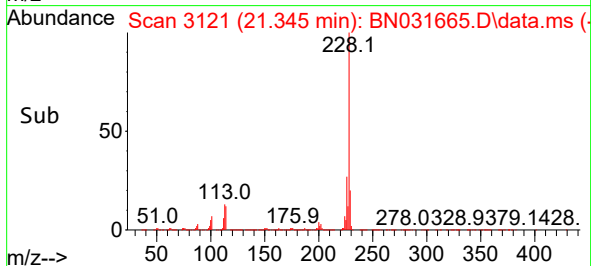
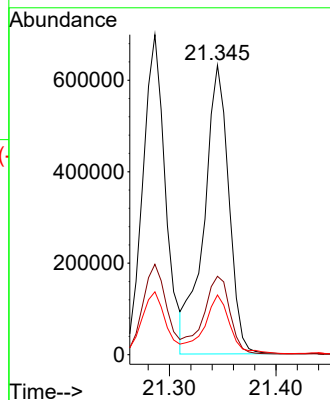
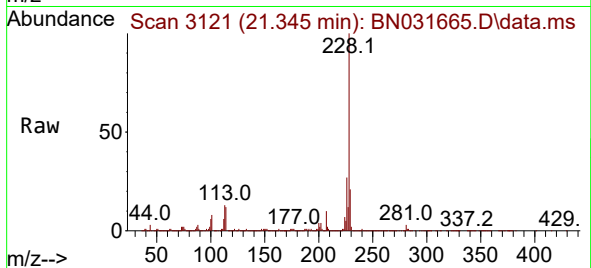
Tgt Ion:228 Resp: 1024159

Ion Ratio Lower Upper

228 100

226 27.1 22.9 34.3

229 20.6 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 14.209 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

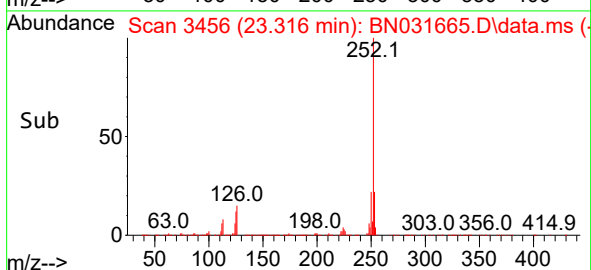
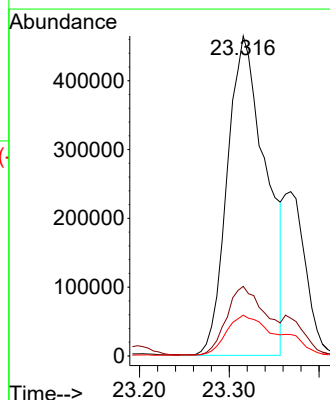
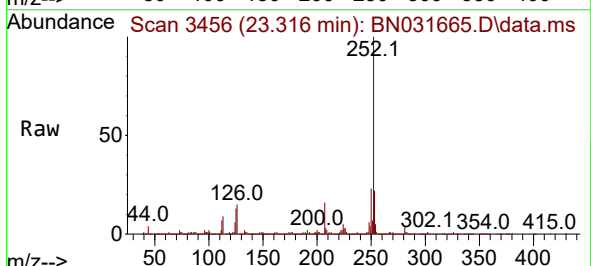
Tgt Ion:252 Resp: 1389567

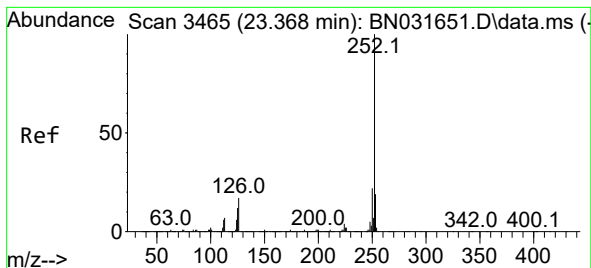
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 12.8 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 13.939 ng/ul

RT: 23.316 min Scan# 3465

Delta R.T. -0.053 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

Instrument :

BNA_N

ClientSampleId :

BH5Y0

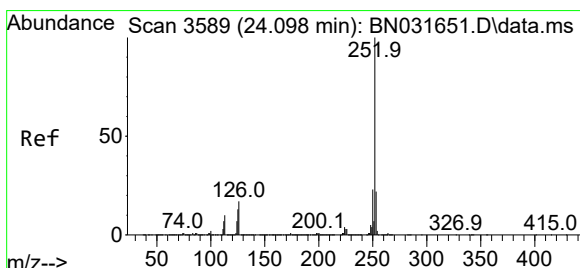
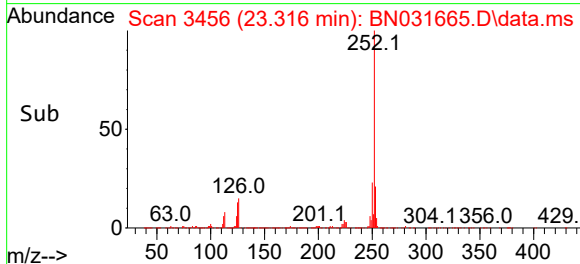
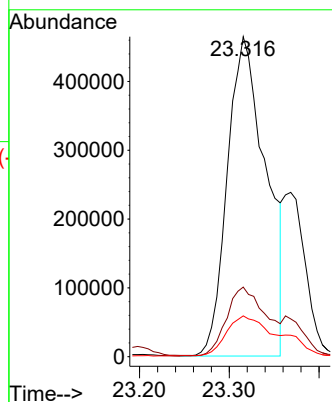
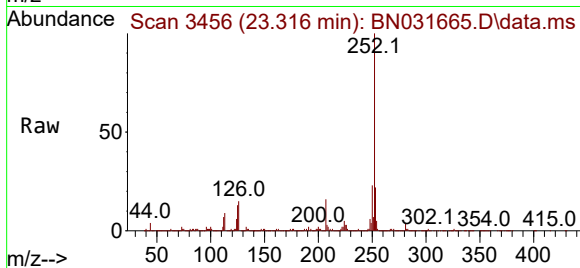
Tgt Ion:252 Resp: 1389567

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 12.8 9.3 13.9



#93

Benzo(a)pyrene

Concen: 10.251 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

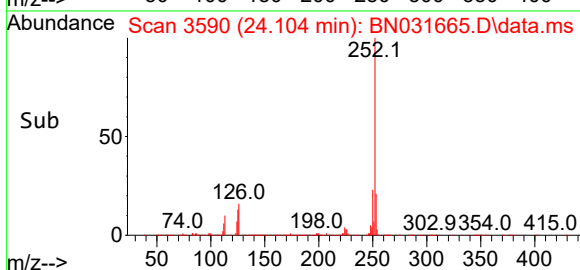
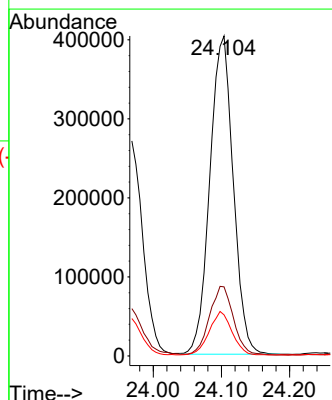
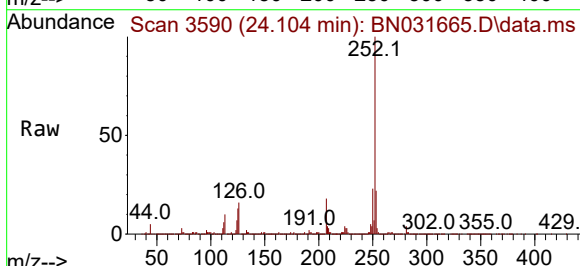
Tgt Ion:252 Resp: 962935

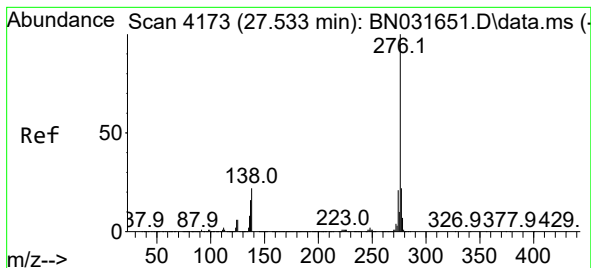
Ion Ratio Lower Upper

252 100

253 21.6 16.6 24.8

125 12.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.695 ng/ul

RT: 27.539 min Scan# 4173

Delta R.T. 0.006 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

Instrument :

BNA_N

ClientSampleId :

BH5Y0

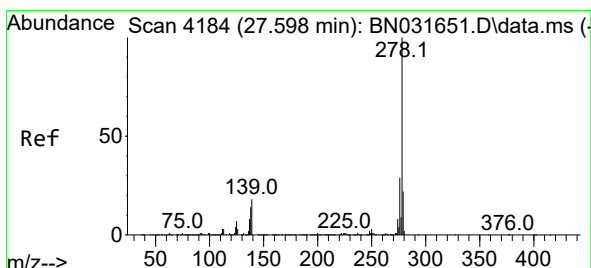
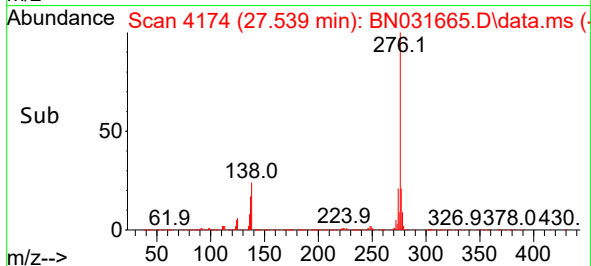
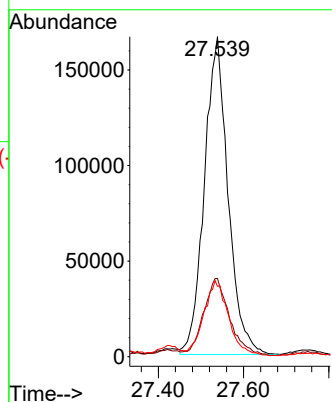
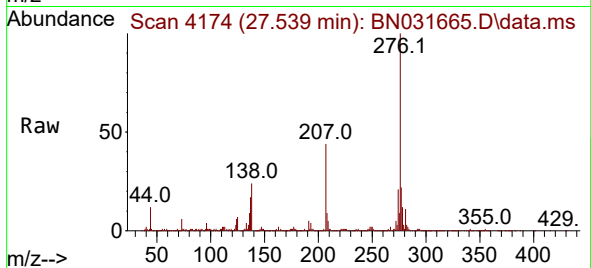
Tgt Ion:276 Resp: 642029

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

277 22.0 18.2 27.4



#95

Dibenzo(a,h)anthracene

Concen: 1.807 ng/ul

RT: 27.586 min Scan# 4182

Delta R.T. -0.006 min

Lab File: BN031665.D

Acq: 24 May 2024 17:39

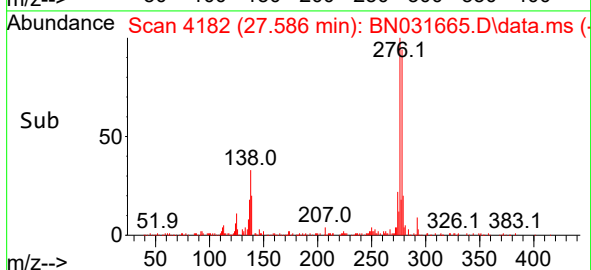
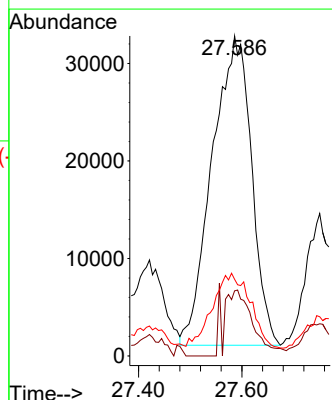
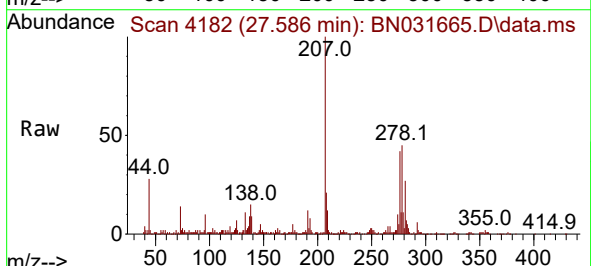
Tgt Ion:278 Resp: 167763

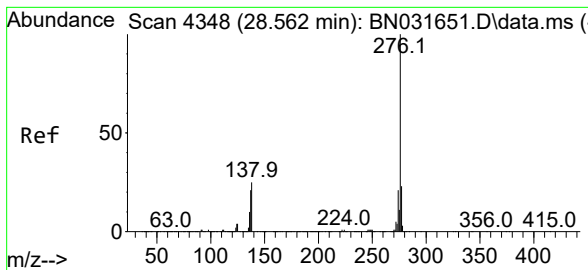
Ion Ratio Lower Upper

278 100

139 20.4 15.2 22.8

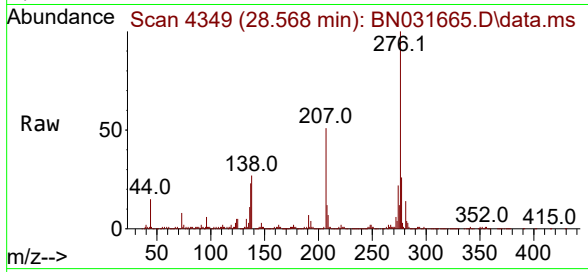
279 24.0 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 6.569 ng/ul
 RT: 28.568 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BN031665.D
 Acq: 24 May 2024 17:39

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y0



Tgt Ion:	276	Resp:	611920
Ion Ratio	Lower	Upper	
276	100		
138	27.1	19.5	29.3
277	25.6	17.6	26.4

