

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031809.D
 Acq On : 05 Jun 2024 21:04
 Operator : MA/JU
 Sample : P2591-16DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

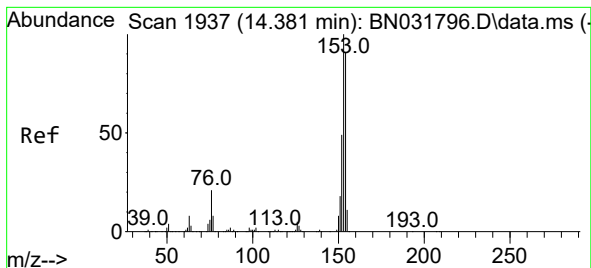
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ7DL

Quant Time: Jun 06 00:01:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	319545	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1522442	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1003779	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2143233	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2128779	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2509150	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4037	0.523	ng/uL	-0.01
4) Pyridine-d5	3.605	84	19321	0.889	ng/u1	0.00
7) Phenol-d5	6.846	99	89649	3.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	50558	3.155	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	69032	3.303	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	71827	3.217	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	35535	3.053	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	34566	2.875	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	69122	3.079	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	67027	2.011	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	225054	3.218	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	255067	3.172	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	31941	2.281	ng/u1	0.00
60) Fluorene-d10	15.310	176	197904	3.345	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	19060	1.769	ng/u1	0.00
73) Anthracene-d10	17.163	188	311032	3.390	ng/u1	0.00
81) Pyrene-d10	19.463	212	354028	3.108	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	288197	2.405	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.381	153	87747	1.459	ng/u1	95
56) Dibenzofuran	14.716	168	126229	1.545	ng/u1	100
61) Fluorene	15.369	166	96797	1.471	ng/u1	97
72) Phenanthrene	17.104	178	2653976	24.308	ng/u1	97
74) Anthracene	17.198	178	495190	4.476	ng/u1	99
77) Carbazole	17.469	167	311793	3.305	ng/u1	98
80) Fluoranthene	19.127	202	3981235	29.244	ng/u1	100
82) Pyrene	19.492	202	2664288	19.074	ng/u1	98
85) Benzo(a)anthracene	21.280	228	1857827	13.038	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	104314	1.085	ng/u1	97
87) Chrysene	21.345	228	1740881	13.080	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	2121970	14.149	ng/u1	93
91) Benzo(k)fluoranthene	23.310	252	2121970	14.419	ng/u1	95
93) Benzo(a)pyrene	24.092	252	817803	5.822	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.539	276	610728	3.773	ng/u1	95
95) Dibenzo(a,h)anthracene	27.586	278	159706	1.209	ng/u1	96

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



#52

Acenaphthene

Concen: 1.459 ng/ul

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

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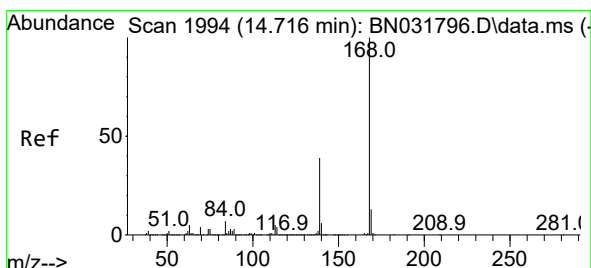
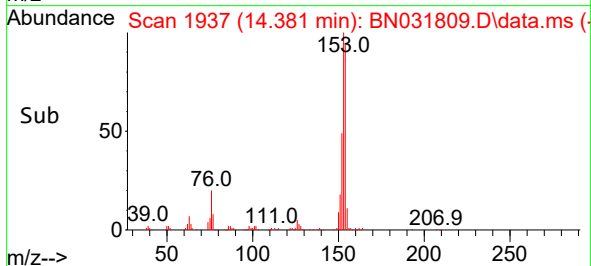
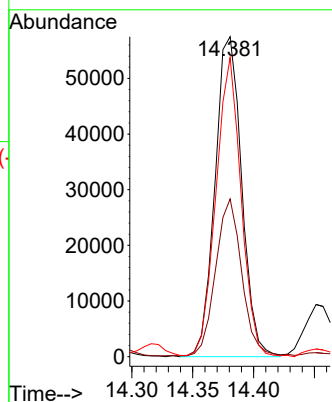
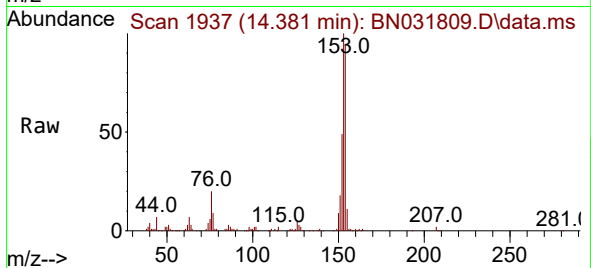
Tgt Ion:153 Resp: 87747

Ion Ratio Lower Upper

153 100

152 49.3 37.8 56.6

154 93.5 69.8 104.8



#56

Dibenzofuran

Concen: 1.545 ng/ul

RT: 14.716 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BN031809.D

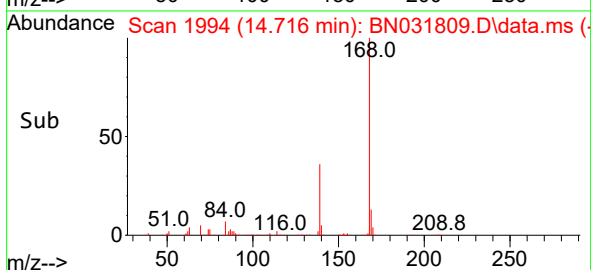
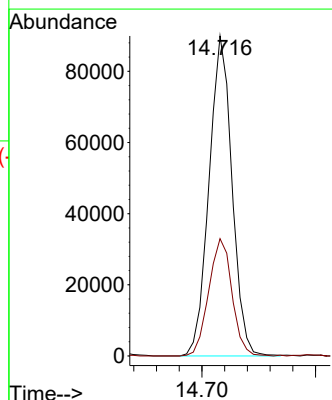
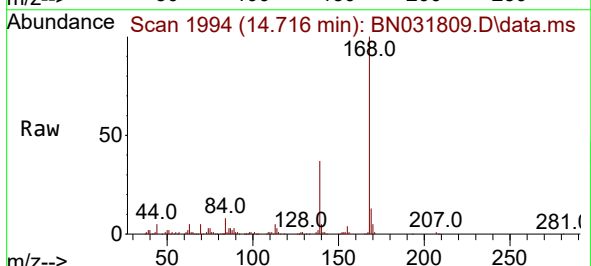
Acq: 05 Jun 2024 21:04

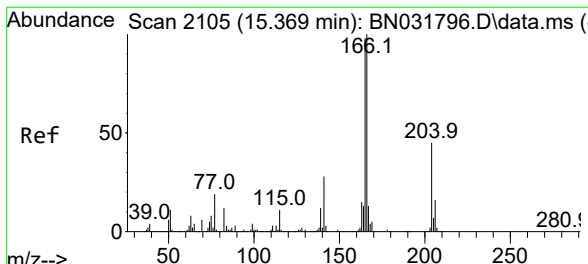
Tgt Ion:168 Resp: 126229

Ion Ratio Lower Upper

168 100

139 36.7 29.4 44.0



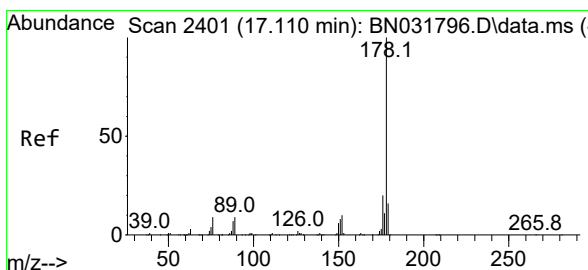
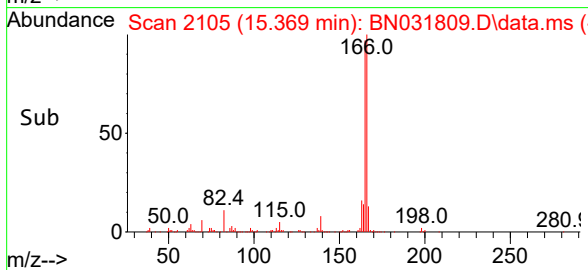
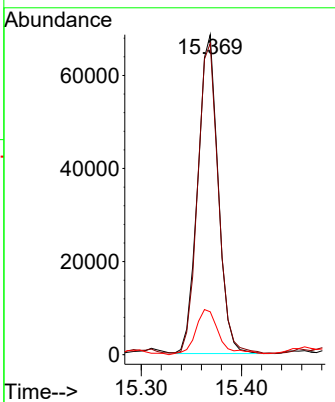
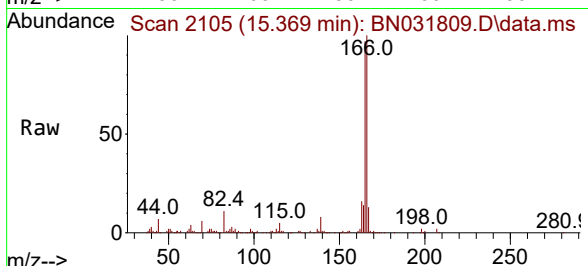


#61
 Fluorene
 Concen: 1.471 ng/ul
 RT: 15.369 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: BN031809.D
 Acq: 05 Jun 2024 21:04

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ7DL

Tgt Ion:166 Resp: 96797

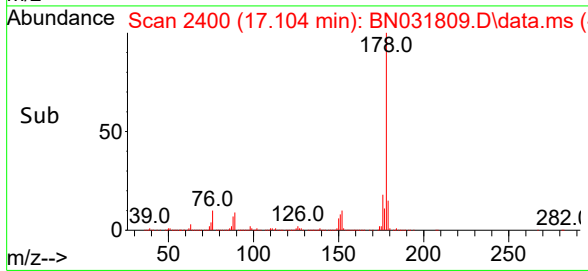
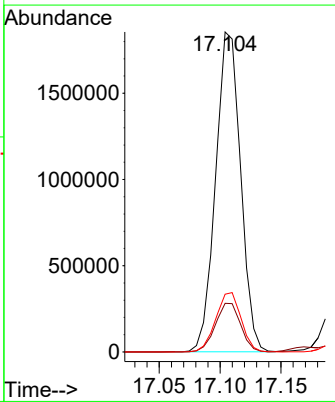
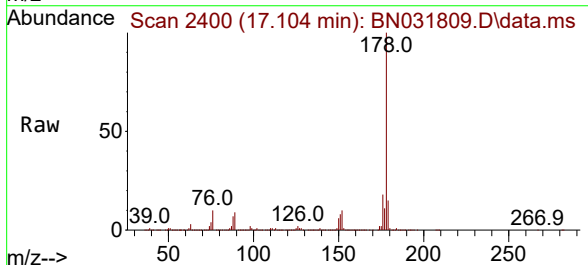
Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.3	120.5
167	13.4	11.3	16.9

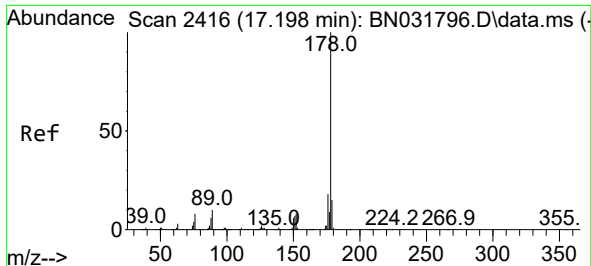


#72
 Phenanthrene
 Concen: 24.308 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031809.D
 Acq: 05 Jun 2024 21:04

Tgt Ion:178 Resp: 2653976

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.0	15.8	23.6

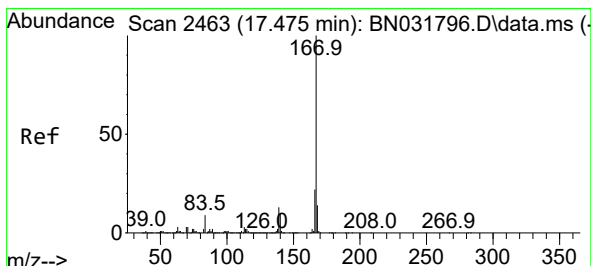
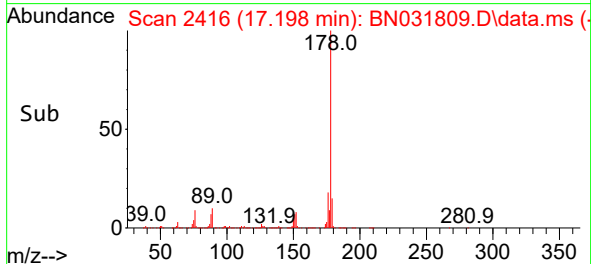
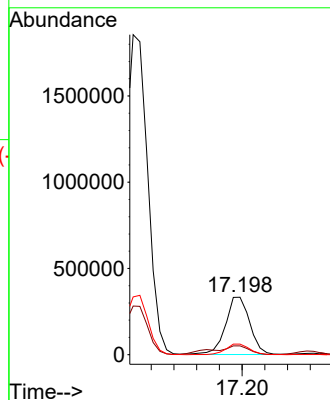
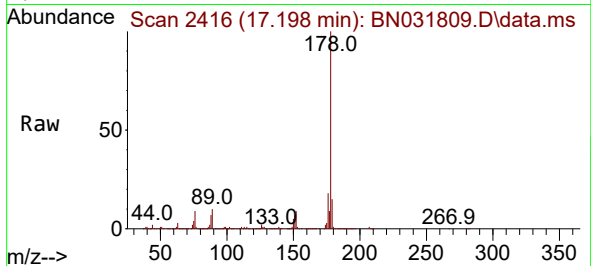




#74
 Anthracene
 Concen: 4.476 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031809.D
 Acq: 05 Jun 2024 21:04

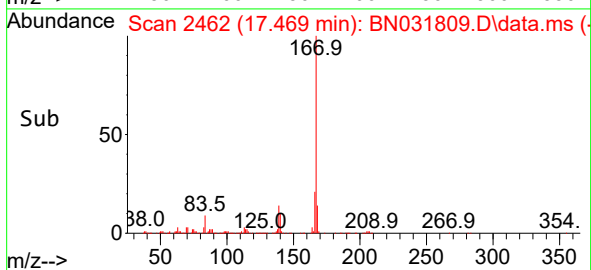
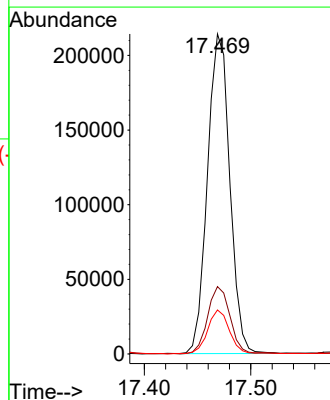
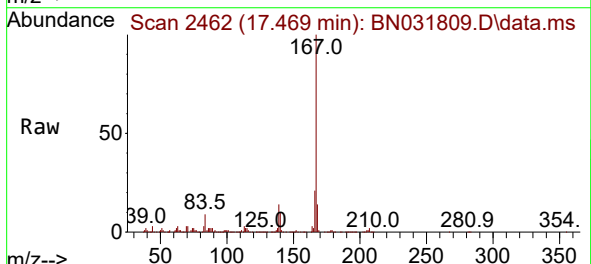
Instrument :
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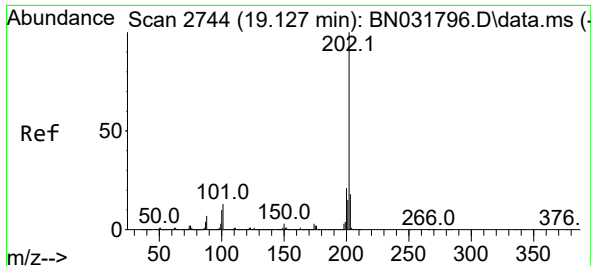
Tgt Ion:178 Resp: 495190
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.6
 176 18.5 14.8 22.2



#77
 Carbazole
 Concen: 3.305 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031809.D
 Acq: 05 Jun 2024 21:04

Tgt Ion:167 Resp: 311793
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.9 26.9
 139 13.7 10.5 15.7

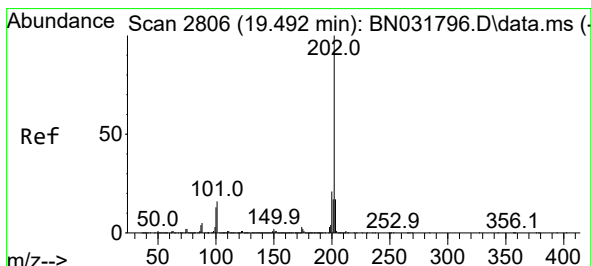
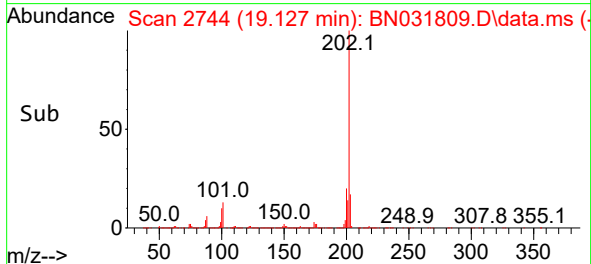
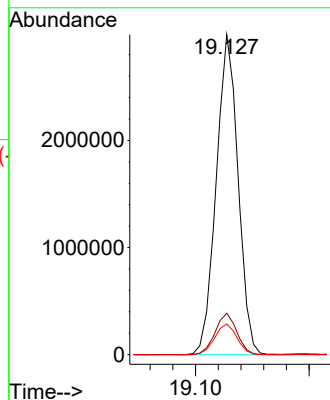
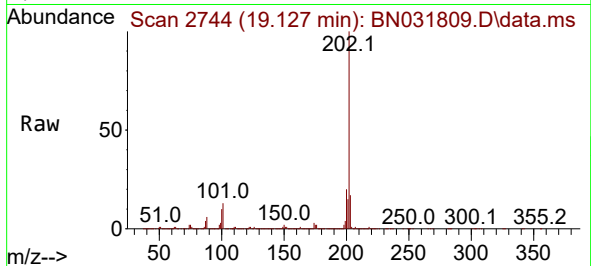




#80
Fluoranthene
Concen: 29.244 ng/ul
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031809.D
Acq: 05 Jun 2024 21:04

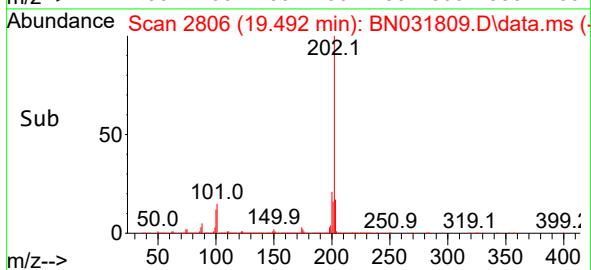
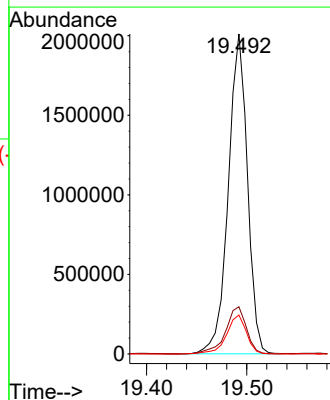
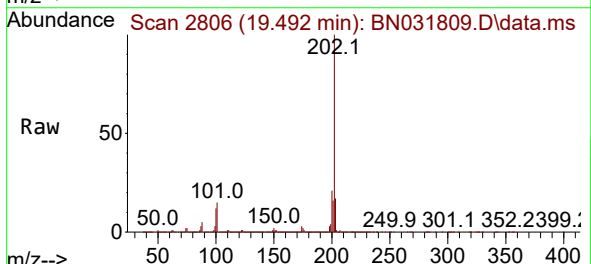
Instrument :
BNA_N
ClientSampleId :
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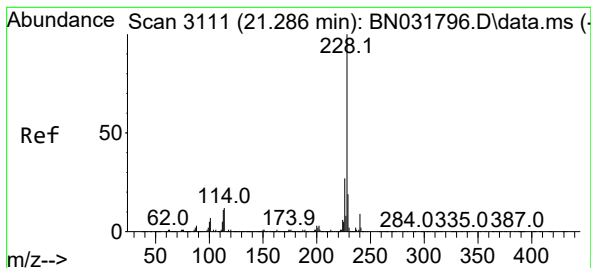
Tgt Ion:202 Resp: 3981235
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.6 8.0 12.0



#82
Pyrene
Concen: 19.074 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031809.D
Acq: 05 Jun 2024 21:04

Tgt Ion:202 Resp: 2664288
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 10.2 15.2





#85

Benzo(a)anthracene

Concen: 13.038 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

Instrument :

BNA_N

ClientSampleId :

BHBQ7DL

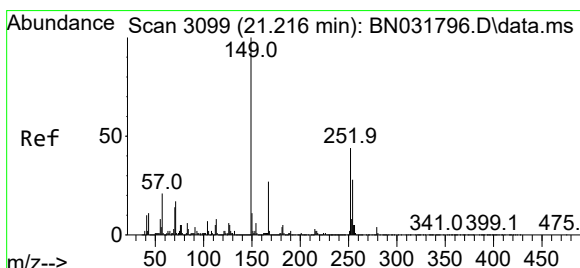
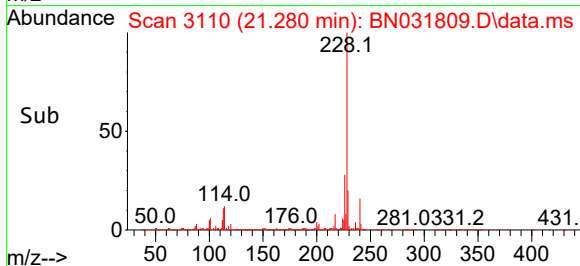
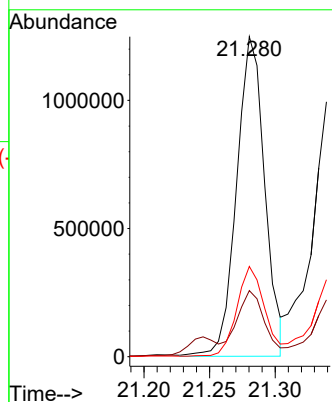
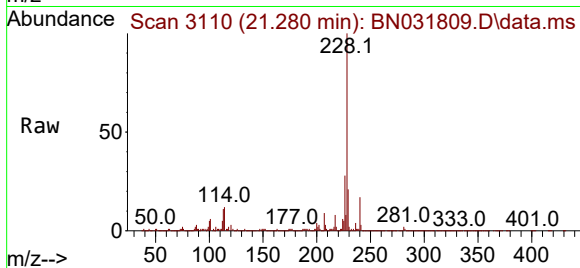
Tgt Ion:228 Resp: 1857827

Ion Ratio Lower Upper

228 100

229 20.6 16.7 25.1

226 28.2 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.085 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

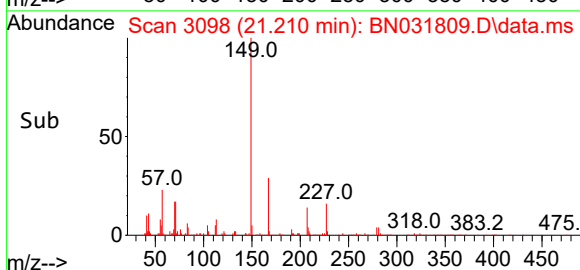
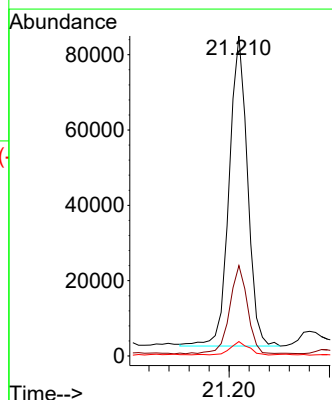
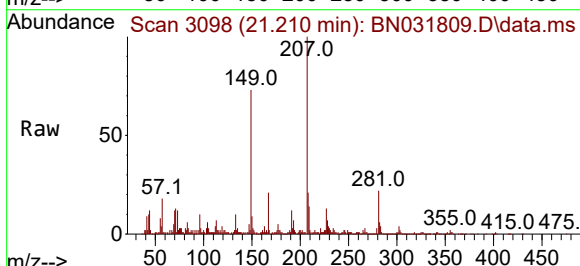
Tgt Ion:149 Resp: 104314

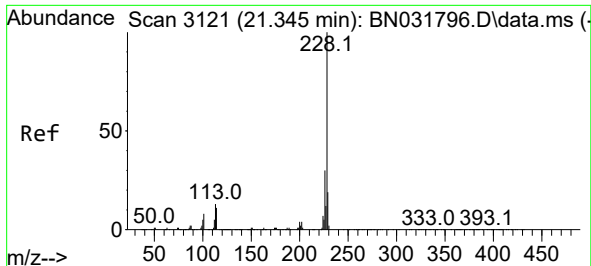
Ion Ratio Lower Upper

149 100

167 28.2 21.4 32.0

279 4.5 3.3 4.9





#87

Chrysene

Concen: 13.080 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

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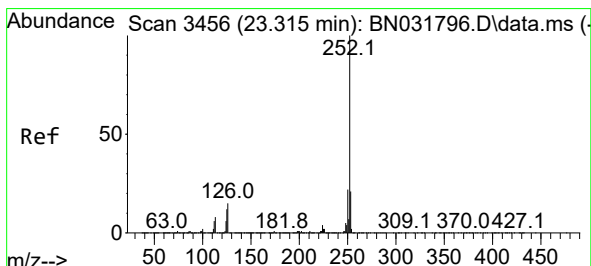
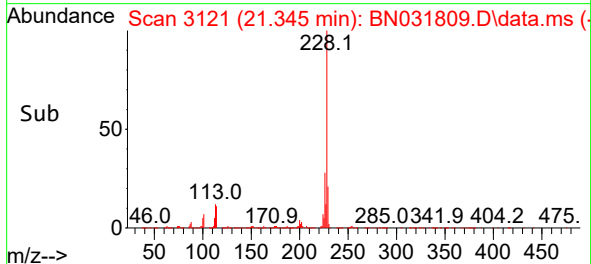
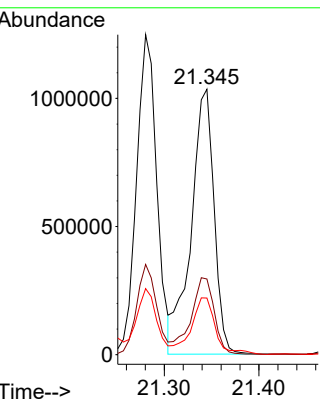
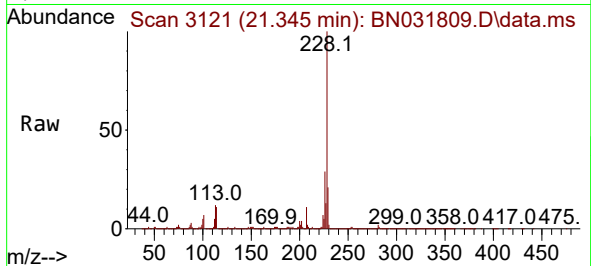
Tgt Ion:228 Resp: 1740881

Ion Ratio Lower Upper

228 100

226 28.5 23.7 35.5

229 21.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 14.149 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

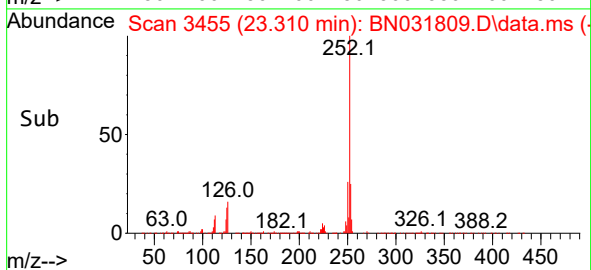
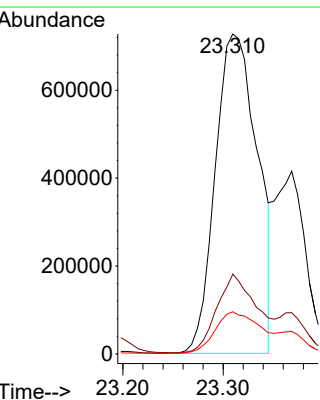
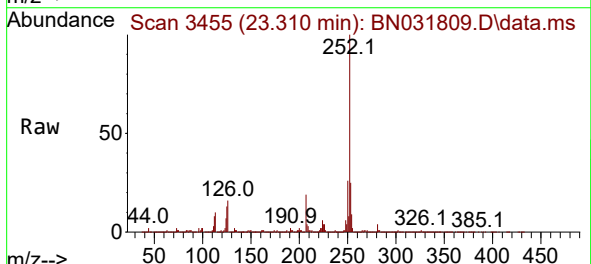
Tgt Ion:252 Resp: 2121970

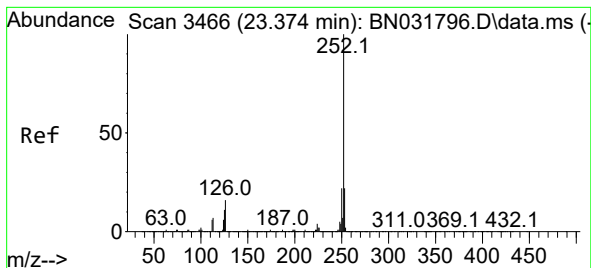
Ion Ratio Lower Upper

252 100

253 25.0 17.0 25.6

125 13.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 14.419 ng/ul

RT: 23.310 min Scan# 3466

Delta R.T. -0.065 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

Instrument :

BNA_N

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BHBQ7DL

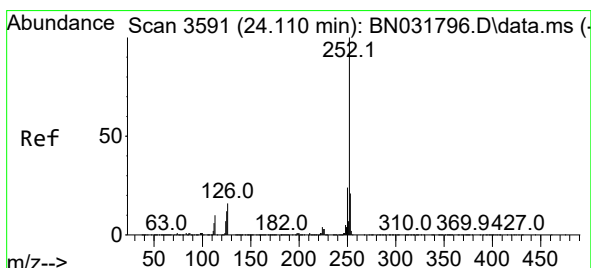
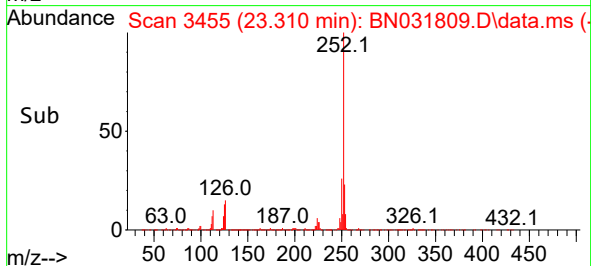
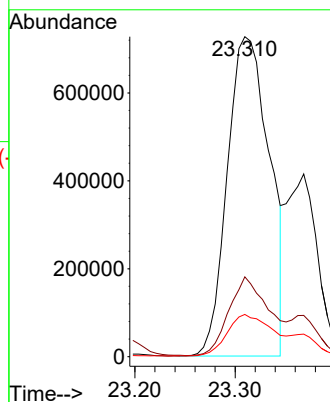
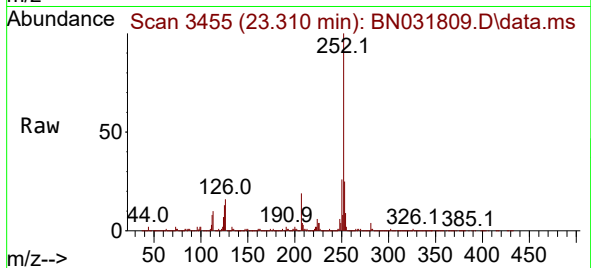
Tgt Ion:252 Resp: 2121970

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 13.2 9.4 14.2



#93

Benzo(a)pyrene

Concen: 5.822 ng/ul

RT: 24.092 min Scan# 3588

Delta R.T. -0.012 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

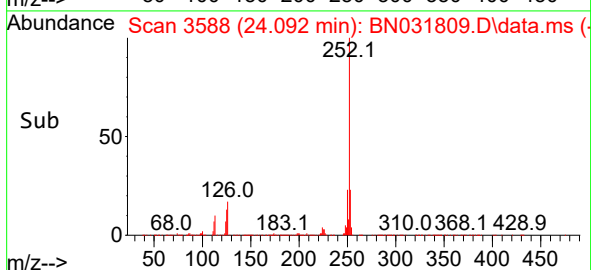
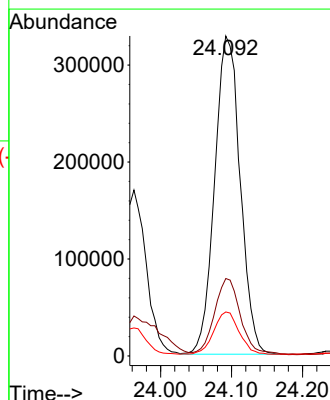
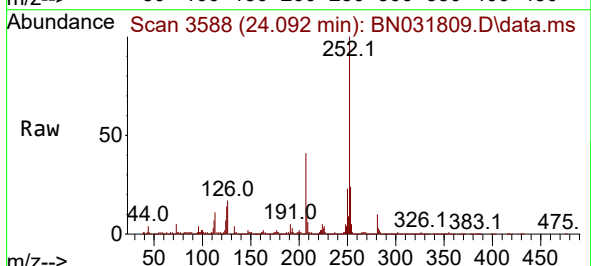
Tgt Ion:252 Resp: 817803

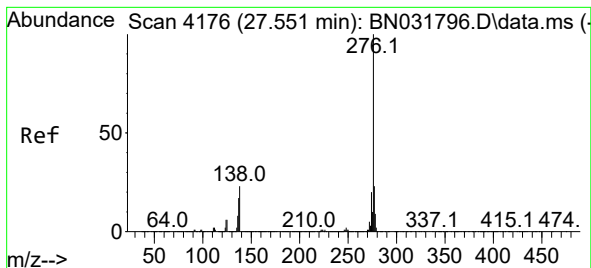
Ion Ratio Lower Upper

252 100

253 24.2 16.6 24.8

125 13.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.773 ng/ul

RT: 27.539 min Scan# 4176

Delta R.T. 0.006 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

Instrument :

BNA_N

ClientSampleId :

BHBQ7DL

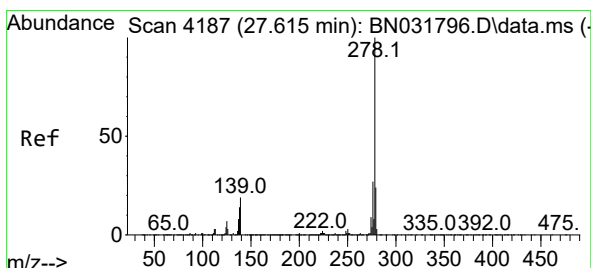
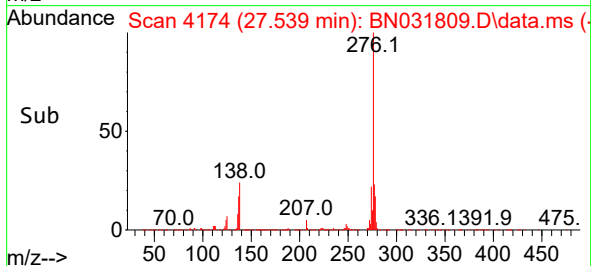
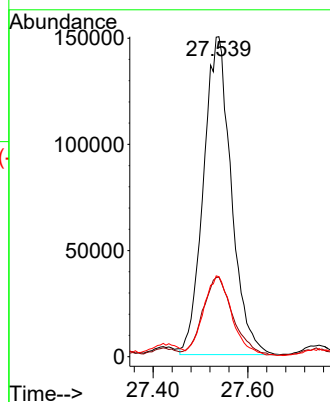
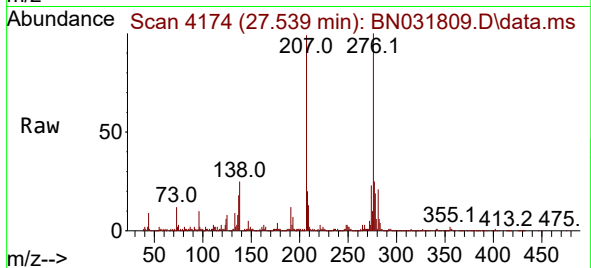
Tgt Ion:276 Resp: 610728

Ion Ratio Lower Upper

276 100

138 24.9 18.1 27.1

277 25.0 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.209 ng/ul

RT: 27.586 min Scan# 4182

Delta R.T. -0.018 min

Lab File: BN031809.D

Acq: 05 Jun 2024 21:04

Tgt Ion:278 Resp: 159706

Ion Ratio Lower Upper

278 100

139 18.7 15.0 22.6

279 25.3 17.4 26.0

