

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031860.D
 Acq On : 08 Jun 2024 15:51
 Operator : MA/JU
 Sample : P2647-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT4

Quant Time: Jun 10 01:43:48 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

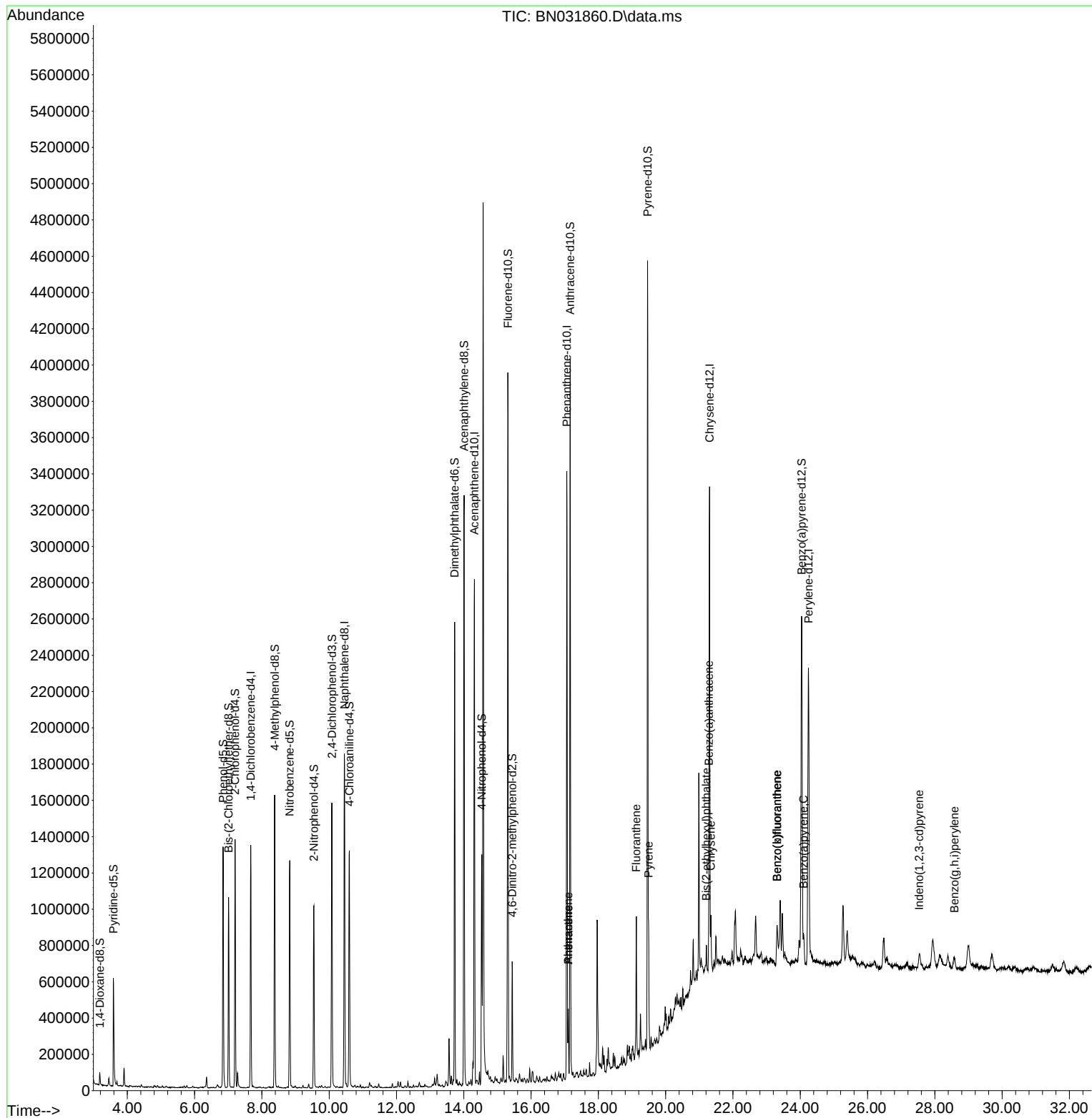
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	374499	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1603219	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1002707	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2013608	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1312813	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1427315	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	36187	3.998	ng/uL	-0.01
4) Pyridine-d5	3.587	84	357974	14.048	ng/u1	-0.01
7) Phenol-d5	6.846	99	812292	25.301	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	435084	23.169	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	660023	26.943	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	642920	24.567	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	332475	27.123	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	356503	28.154	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	617050	26.102	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	757430	21.580	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1723519	24.673	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2161175	26.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	341343	24.405	ng/u1	0.00
60) Fluorene-d10	15.310	176	1648340	27.888	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	140367	13.868	ng/u1	0.00
73) Anthracene-d10	17.163	188	2225690	25.818	ng/u1	0.00
81) Pyrene-d10	19.463	212	2269634	32.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1764487	25.889	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	230517	2.247	ng/u1	100
74) Anthracene	17.104	178	230064	2.213	ng/u1	97
80) Fluoranthene	19.127	202	416624	4.962	ng/u1	98
82) Pyrene	19.492	202	387726	4.501	ng/u1	97
85) Benzo(a)anthracene	21.286	228	166184	1.891	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	65906	1.111	ng/u1	96
87) Chrysene	21.345	228	196897	2.399	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	246129	2.885	ng/u1	96
91) Benzo(k)fluoranthene	23.310	252	246129	2.940	ng/u1	97
93) Benzo(a)pyrene	24.098	252	154017	1.928	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	27.539	276	114384	1.242	ng/u1#	93
96) Benzo(g,h,i)perylene	28.580	276	111551	1.524	ng/u1	99

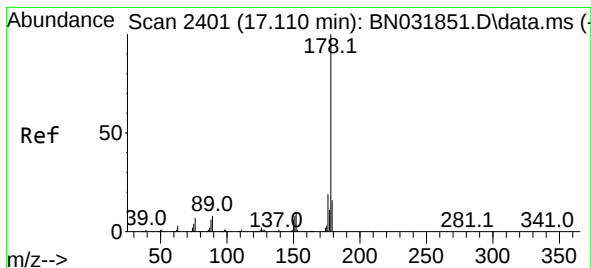
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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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





#72

Phenanthrene

Concen: 2.247 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.012 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

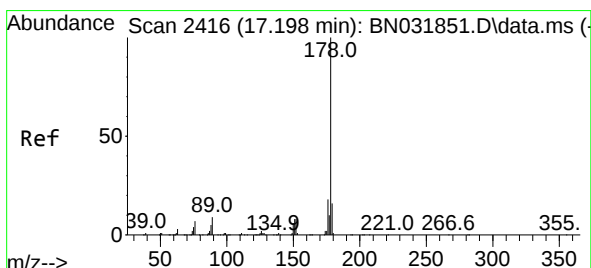
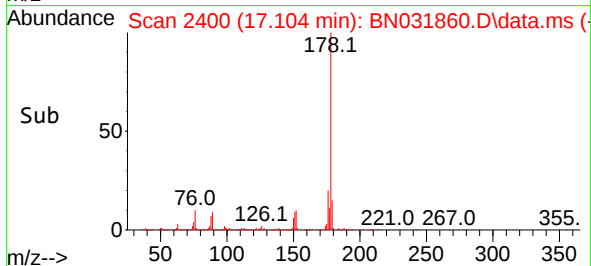
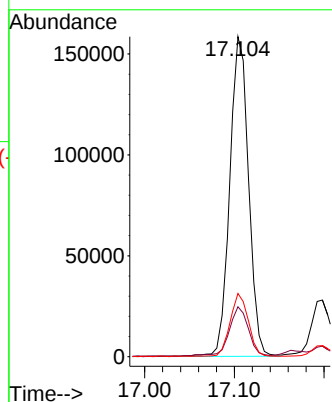
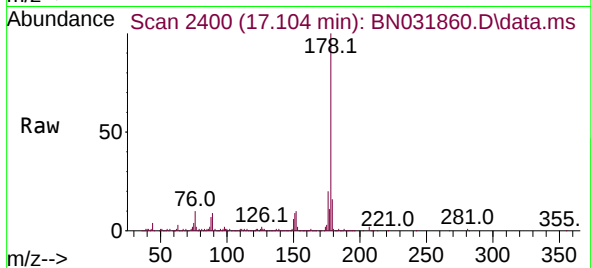
Tgt Ion:178 Resp: 230517

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.8 15.8 23.6



#74

Anthracene

Concen: 2.213 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.100 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

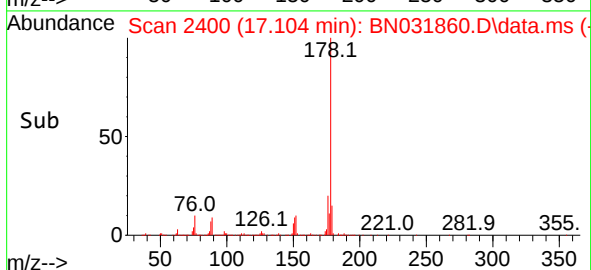
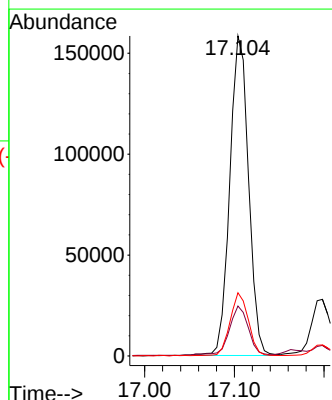
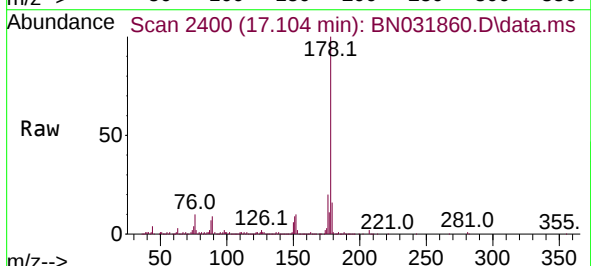
Tgt Ion:178 Resp: 230064

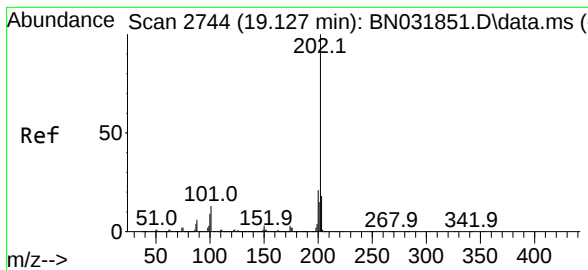
Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

176 19.8 14.8 22.2





#80

Fluoranthene

Concen: 4.962 ng/ul

RT: 19.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

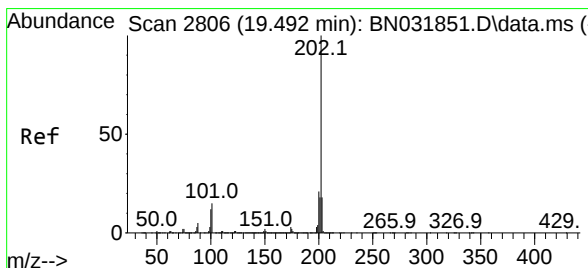
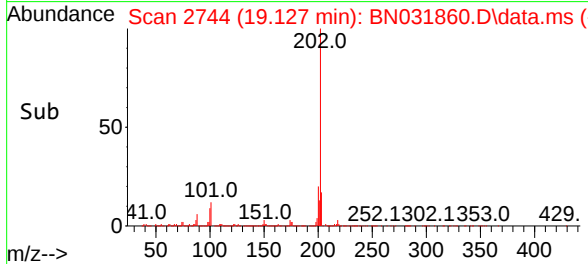
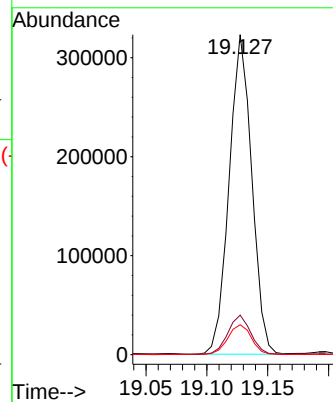
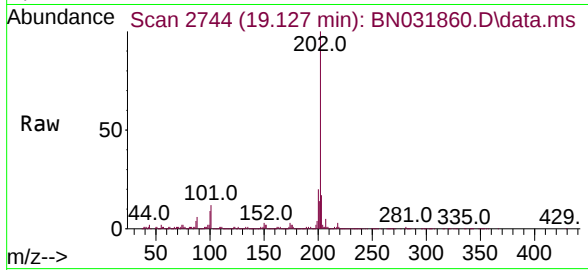
Tgt Ion:202 Resp: 416624

Ion Ratio Lower Upper

202 100

101 12.3 10.3 15.5

100 9.3 8.0 12.0



#82

Pyrene

Concen: 4.501 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

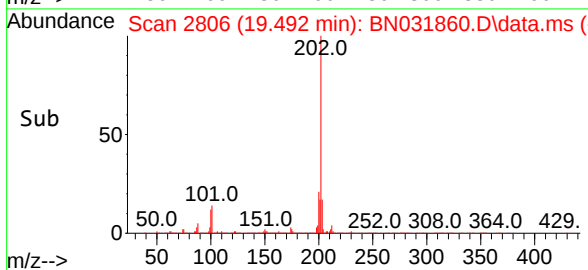
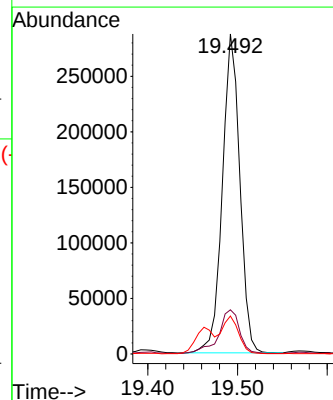
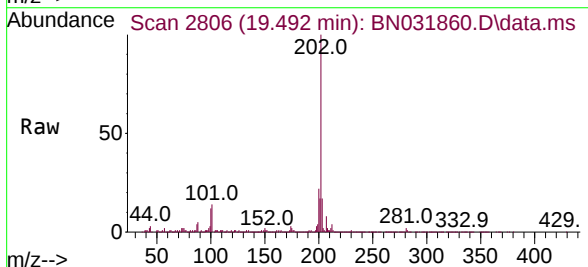
Tgt Ion:202 Resp: 387726

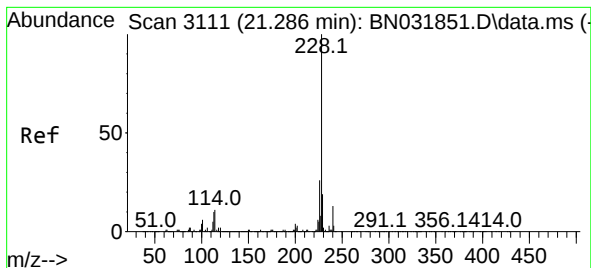
Ion Ratio Lower Upper

202 100

101 13.8 12.6 18.8

100 11.9 10.2 15.2





#85

Benzo(a)anthracene

Concen: 1.891 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

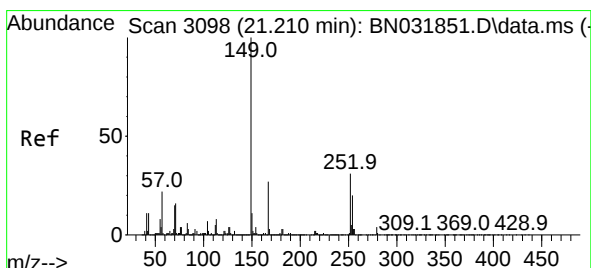
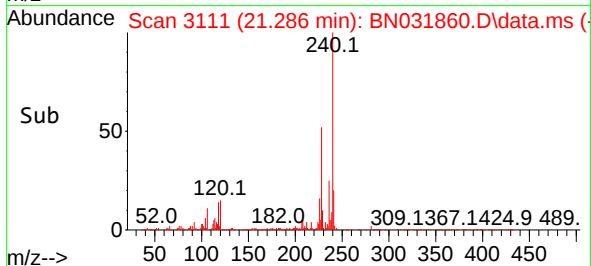
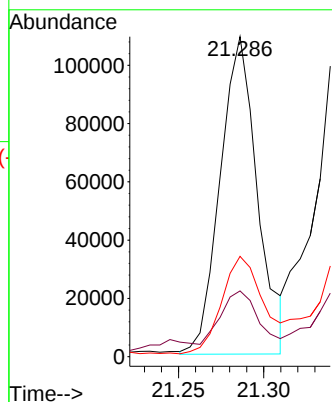
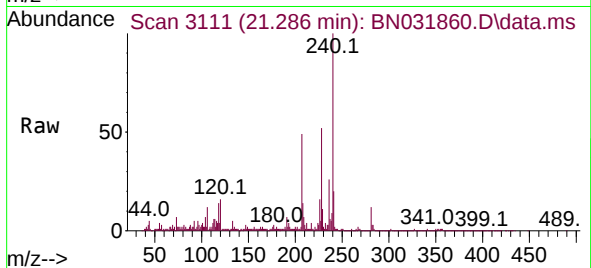
Tgt Ion:228 Resp: 166184

Ion Ratio Lower Upper

228 100

229 20.5 16.7 25.1

226 31.4 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.111 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

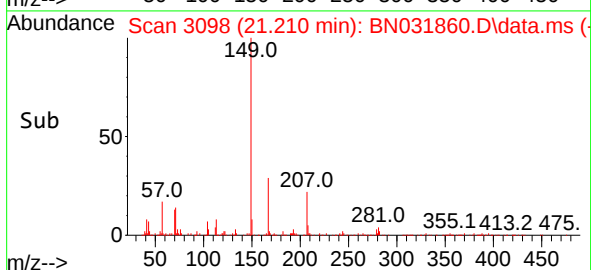
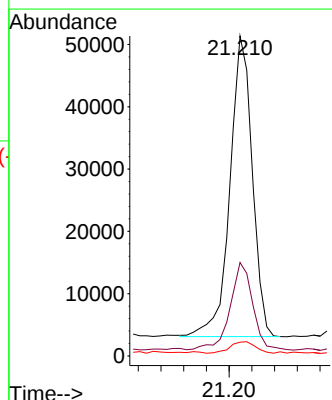
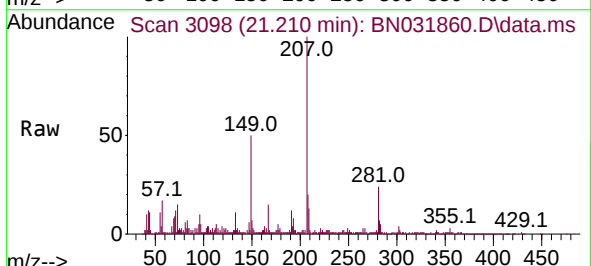
Tgt Ion:149 Resp: 65906

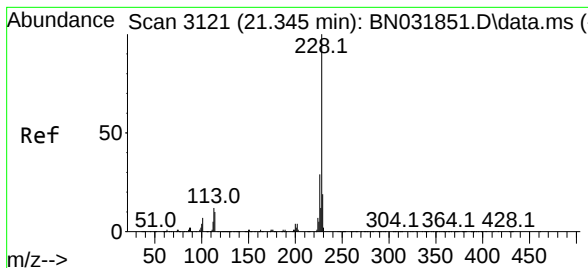
Ion Ratio Lower Upper

149 100

167 29.2 21.4 32.0

279 4.3 3.3 4.9





#87

Chrysene

Concen: 2.399 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

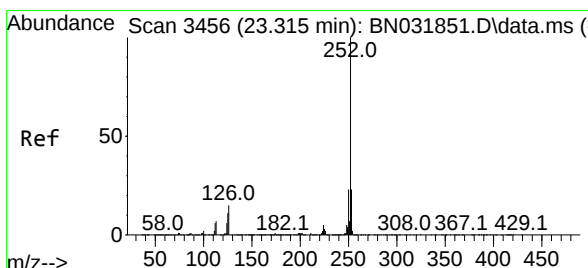
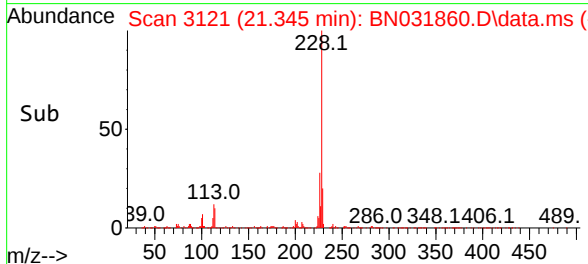
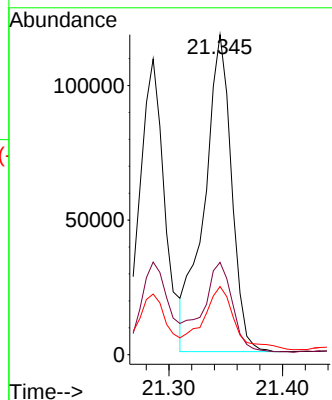
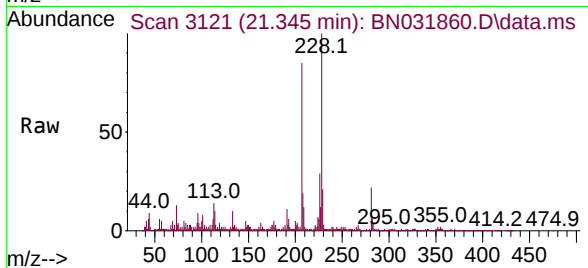
Tgt Ion:228 Resp: 196897

Ion Ratio Lower Upper

228 100

226 28.9 23.7 35.5

229 21.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 2.885 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

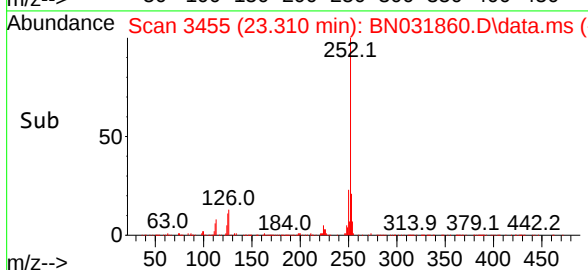
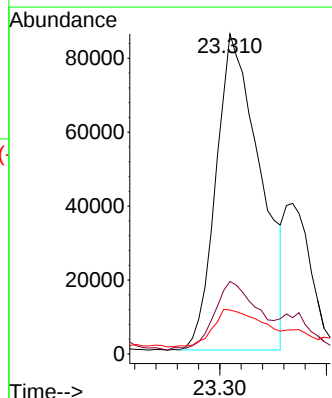
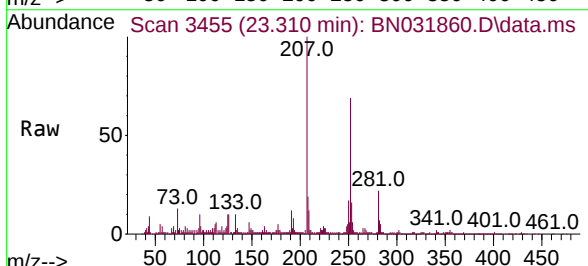
Tgt Ion:252 Resp: 246129

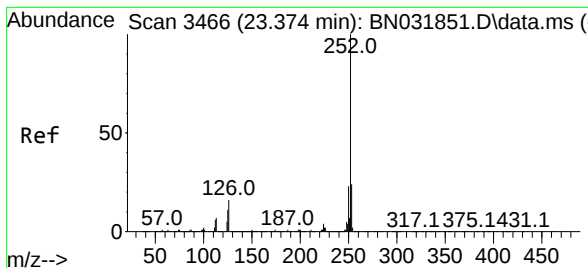
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 13.8 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 2.940 ng/ul

RT: 23.310 min Scan# 3466

Delta R.T. -0.065 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

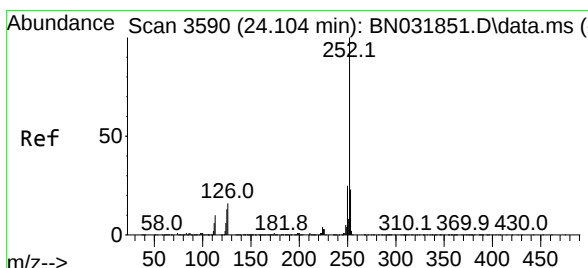
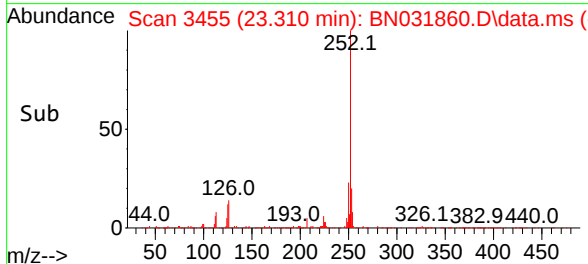
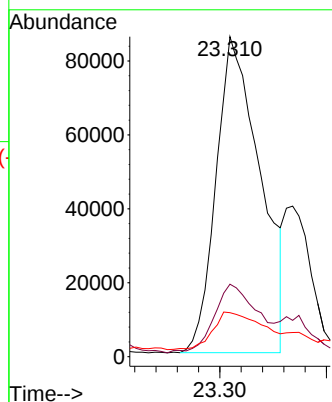
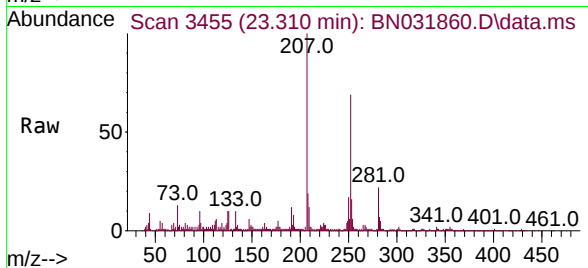
Tgt Ion:252 Resp: 246129

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 13.8 9.4 14.2



#93

Benzo(a)pyrene

Concen: 1.928 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

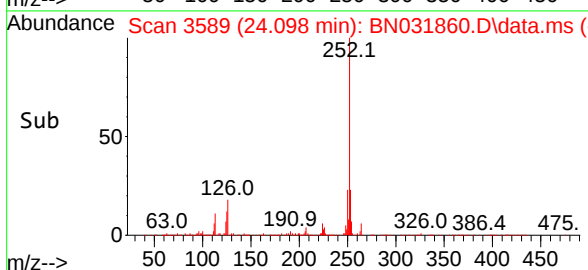
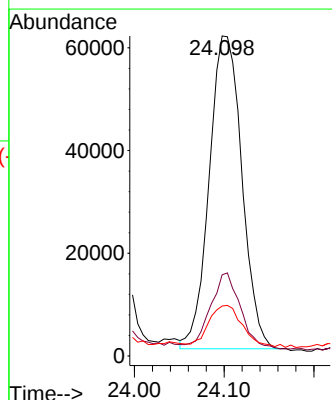
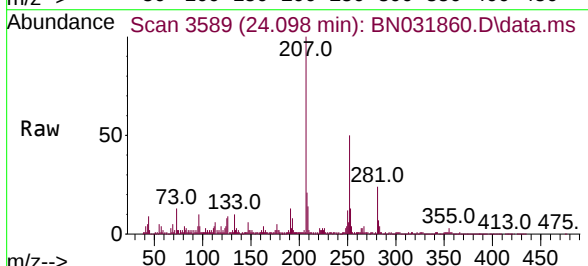
Tgt Ion:252 Resp: 154017

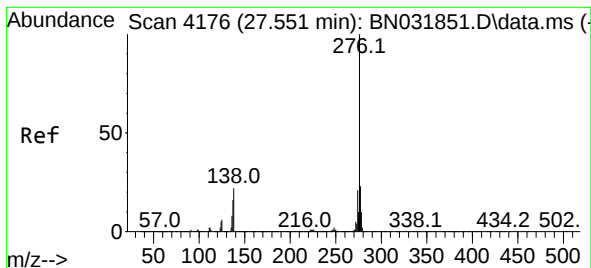
Ion Ratio Lower Upper

252 100

253 25.3 16.6 24.8#

125 15.6 9.8 14.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.242 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Instrument :

BNA_N

ClientSampleId :

BHBT4

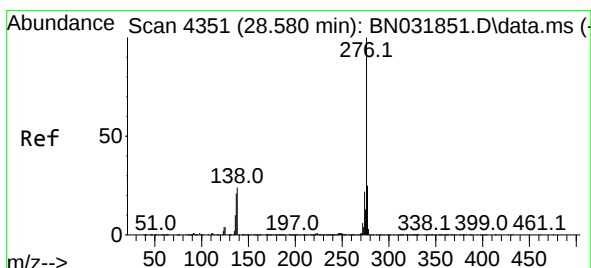
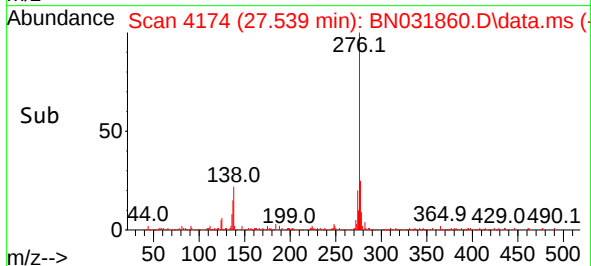
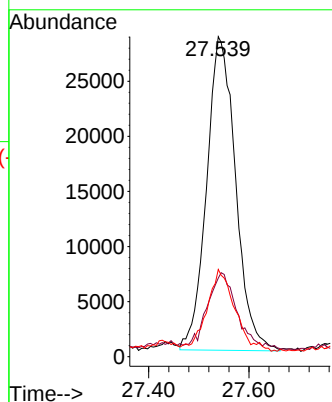
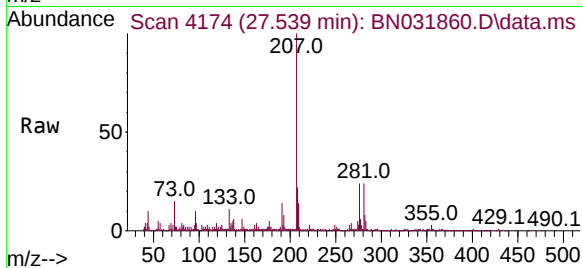
Tgt Ion:276 Resp: 114384

Ion Ratio Lower Upper

276 100

138 24.5 18.1 27.1

277 27.3 18.2 27.2#



#96

Benzo(g,h,i)perylene

Concen: 1.524 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.012 min

Lab File: BN031860.D

Acq: 08 Jun 2024 15:51

Tgt Ion:276 Resp: 111551

Ion Ratio Lower Upper

276 100

138 26.8 20.9 31.3

277 22.6 18.0 27.0

