

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031638.D
 Acq On : 23 May 2024 18:54
 Operator : MA/JU
 Sample : P2547-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Q2

Quant Time: May 23 22:52:56 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

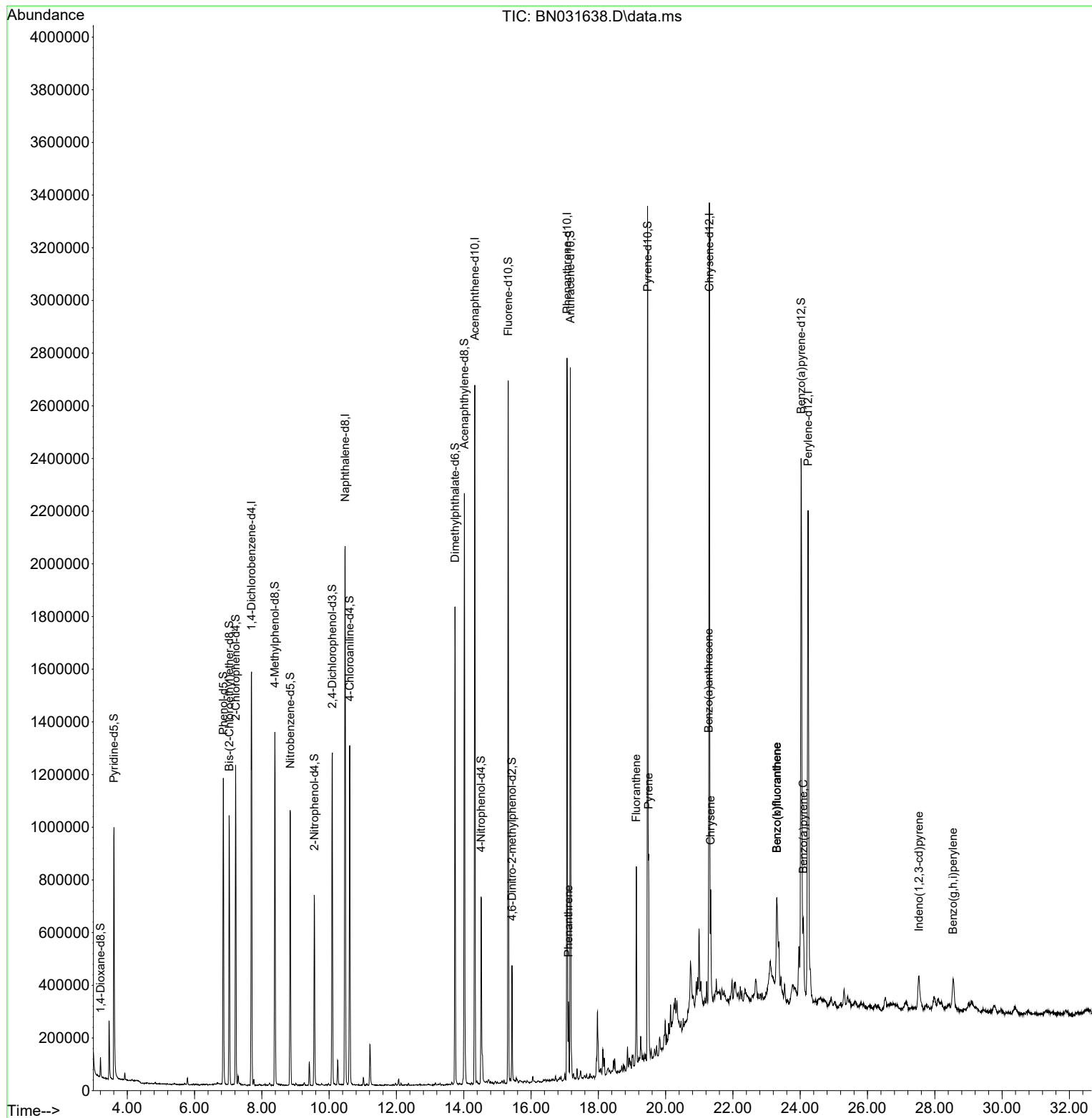
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	445479	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1770389	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	918118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1622484	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1384777	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1679744	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	39434	3.509	ng/uL	0.00
4) Pyridine-d5	3.605	84	555395	17.708	ng/ul	0.00
7) Phenol-d5	6.858	99	724967	19.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	441456	20.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	572724	20.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	514475	18.122	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	257986	19.254	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	232782	18.194	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	468958	18.746	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	690787	19.156	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1191076	20.585	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1499805	20.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	161714	14.772	ng/ul	0.00
60) Fluorene-d10	15.322	176	1012310	20.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	81222	11.579	ng/ul	0.00
73) Anthracene-d10	17.169	188	1445883	21.051	ng/ul	0.00
81) Pyrene-d10	19.463	212	1605519	18.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.027	264	1733208	21.921	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	172333	2.093	ng/ul	98
80) Fluoranthene	19.128	202	412386	3.841	ng/ul	98
82) Pyrene	19.492	202	437855	3.977	ng/ul	97
85) Benzo(a)anthracene	21.280	228	233048	2.503	ng/ul	93
87) Chrysene	21.339	228	263060	3.058	ng/ul	97
90) Benzo(b)fluoranthene	23.304	252	357965	3.652	ng/ul	96
91) Benzo(k)fluoranthene	23.304	252	357965	3.582	ng/ul	97
93) Benzo(a)pyrene	24.092	252	259239	2.753	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.527	276	183769	1.626	ng/ul	96
96) Benzo(g,h,i)perylene	28.545	276	183332	1.964	ng/ul#	92

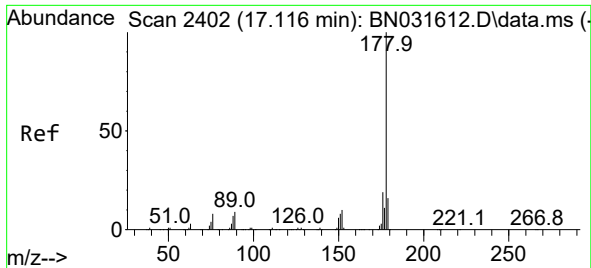
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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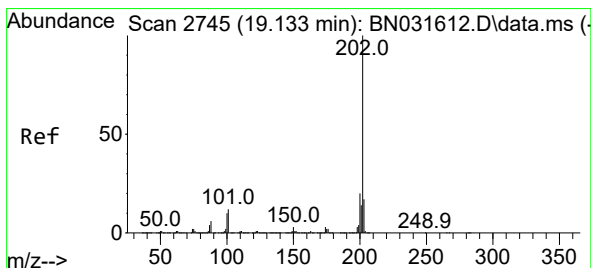
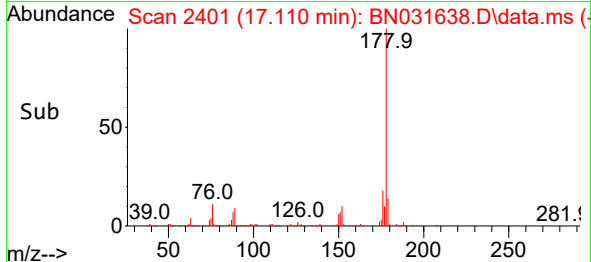
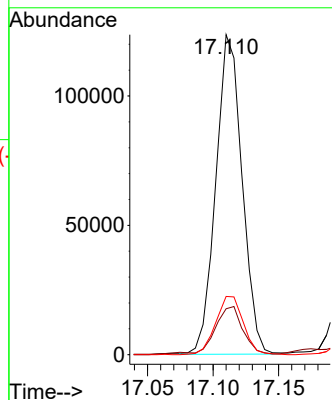
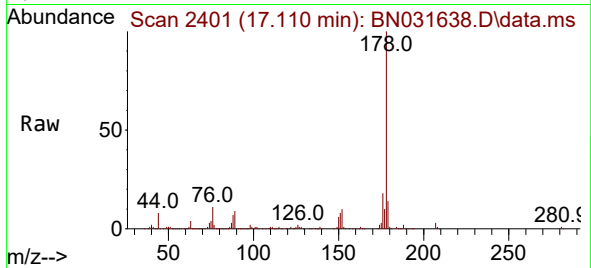




#72
Phenanthrene
Concen: 2.093 ng/ul
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

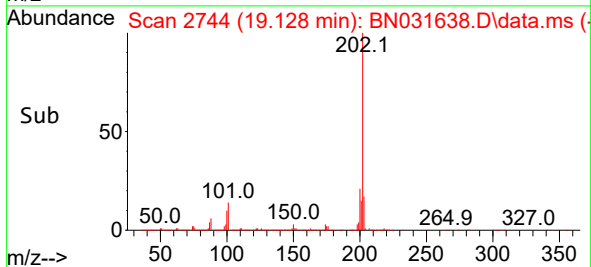
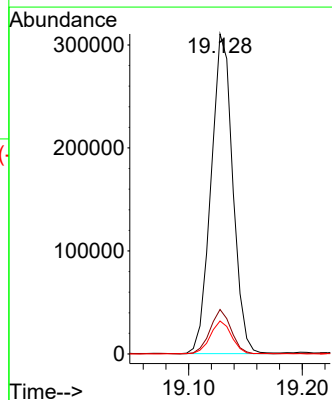
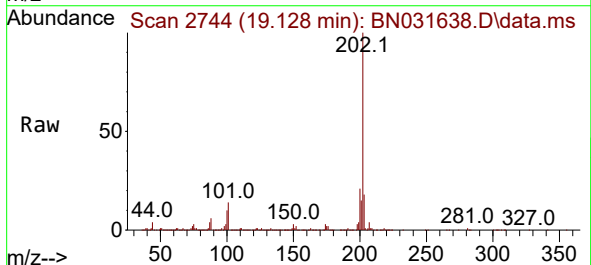
Instrument :
BNA_N
ClientSampleId :
BH5Q2

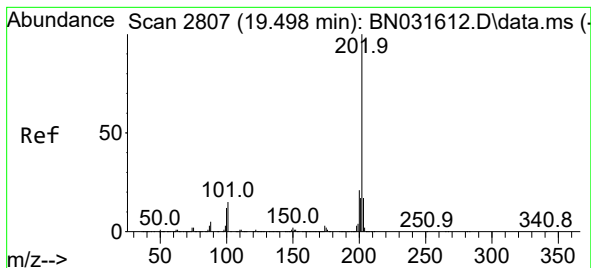
Tgt Ion:178 Resp: 172333
Ion Ratio Lower Upper
178 100
179 14.4 12.6 18.8
176 18.2 15.2 22.8



#80
Fluoranthene
Concen: 3.841 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

Tgt Ion:202 Resp: 412386
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 10.3 8.0 12.0





#82

Pyrene

Concen: 3.977 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

Instrument :

BNA_N

ClientSampleId :

BH5Q2

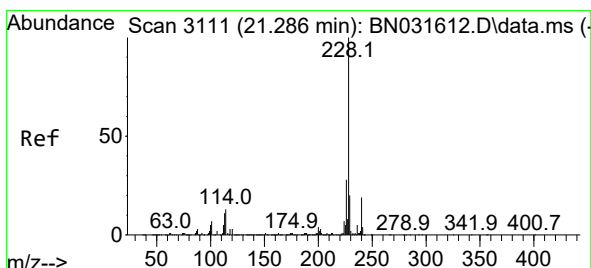
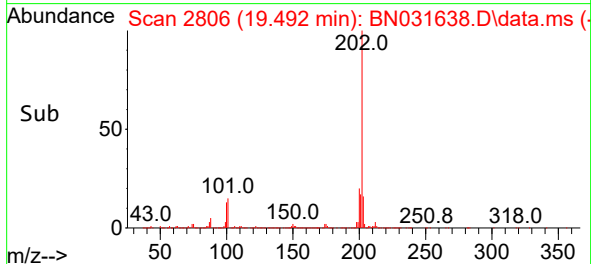
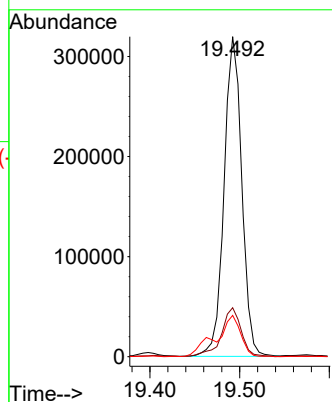
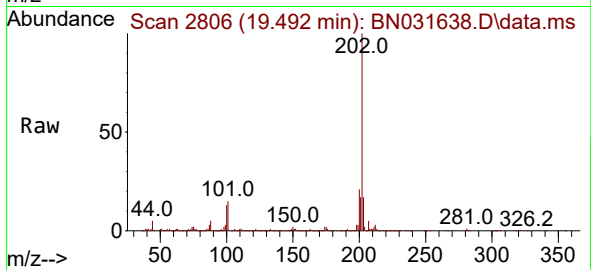
Tgt Ion:202 Resp: 437855

Ion Ratio Lower Upper

202 100

101 15.3 11.4 17.2

100 12.9 9.3 13.9



#85

Benzo(a)anthracene

Concen: 2.503 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

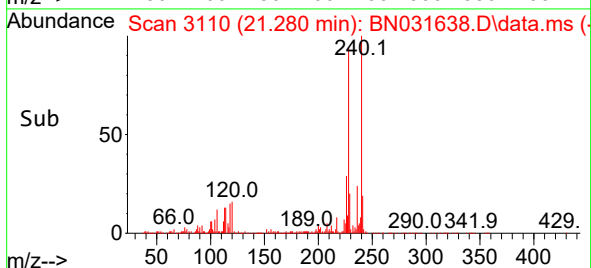
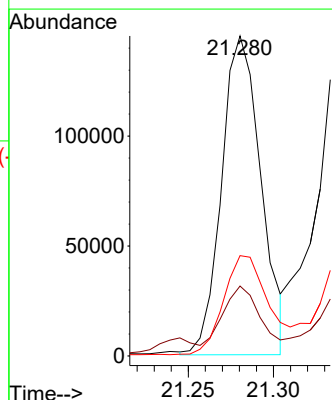
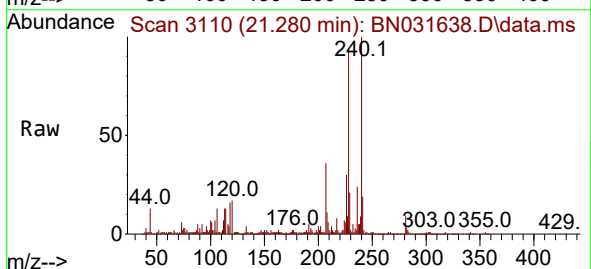
Tgt Ion:228 Resp: 233048

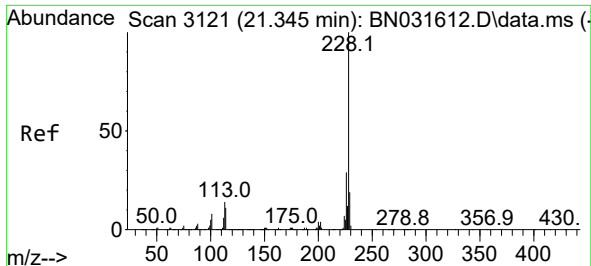
Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

226 31.4 21.9 32.9





#87

Chrysene

Concen: 3.058 ng/ul

RT: 21.339 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

Instrument :

BNA_N

ClientSampleId :

BH5Q2

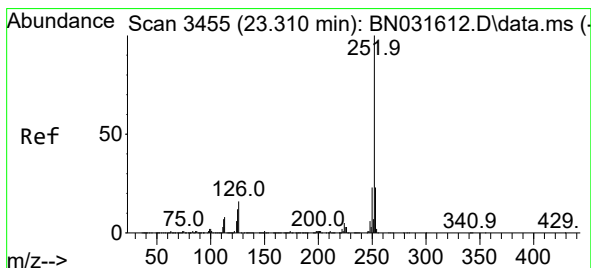
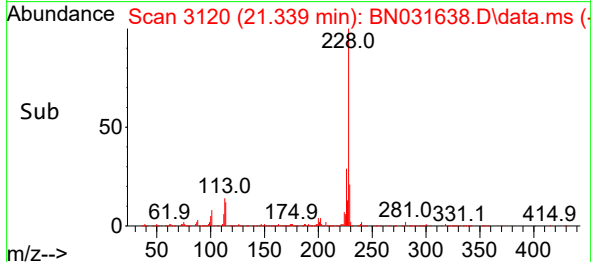
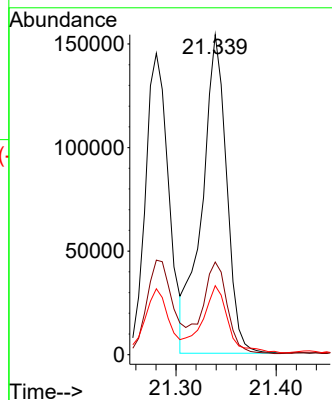
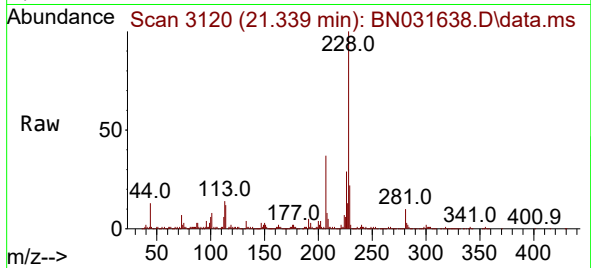
Tgt Ion:228 Resp: 263060

Ion Ratio Lower Upper

228 100

226 29.0 22.9 34.3

229 21.6 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 3.652 ng/ul

RT: 23.304 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

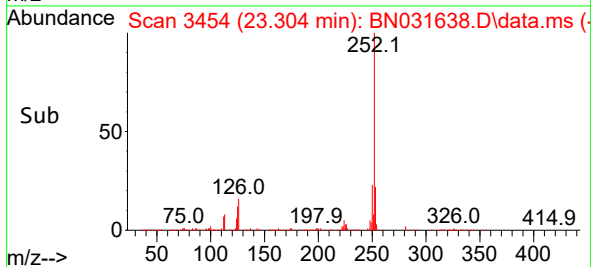
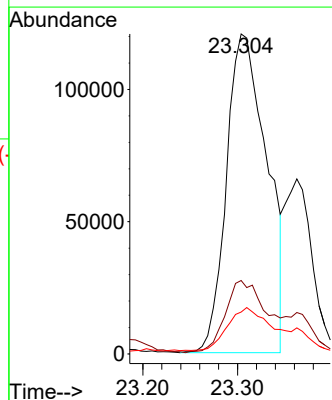
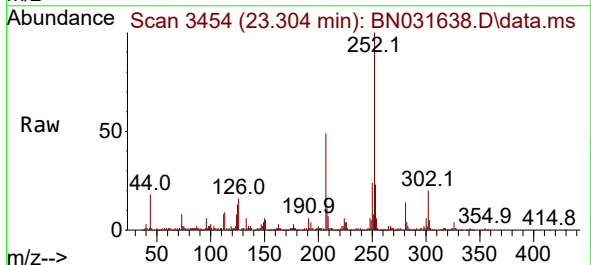
Tgt Ion:252 Resp: 357965

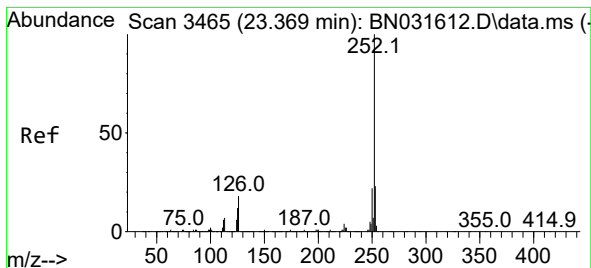
Ion Ratio Lower Upper

252 100

253 22.9 16.8 25.2

125 13.1 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 3.582 ng/ul

RT: 23.304 min Scan# 34

Delta R.T. -0.065 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

Instrument :

BNA_N

ClientSampleId :

BH5Q2

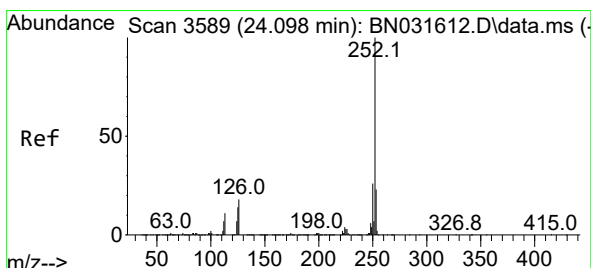
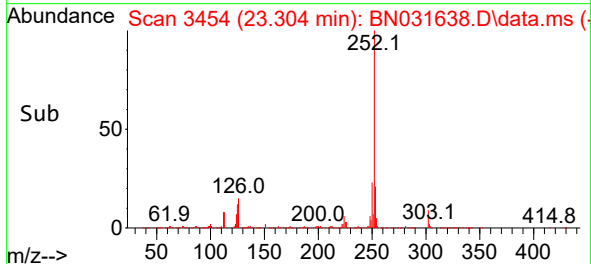
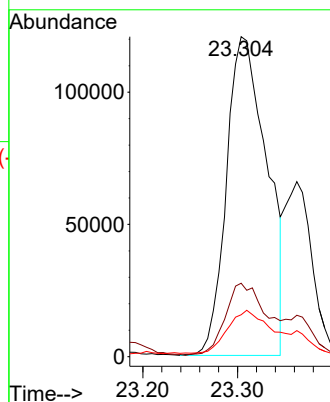
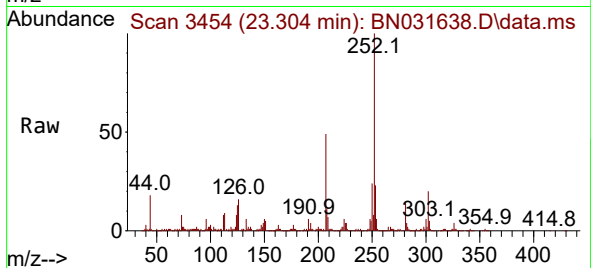
Tgt Ion:252 Resp: 357965

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 13.1 9.3 13.9



#93

Benzo(a)pyrene

Concen: 2.753 ng/ul

RT: 24.092 min Scan# 3588

Delta R.T. -0.012 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

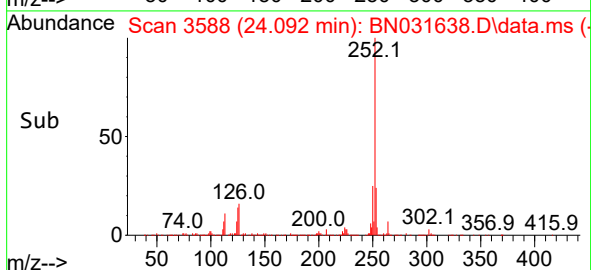
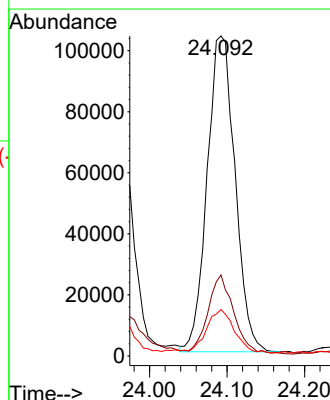
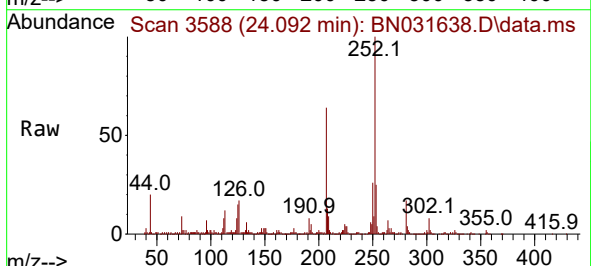
Tgt Ion:252 Resp: 259239

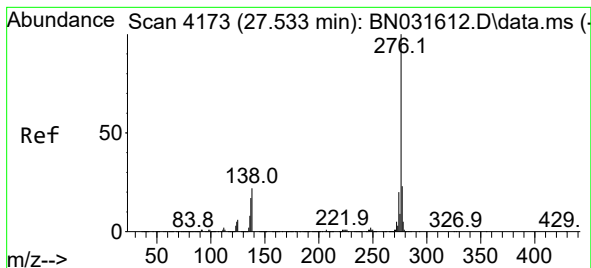
Ion Ratio Lower Upper

252 100

253 25.3 16.6 24.8#

125 14.5 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.626 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031638.D

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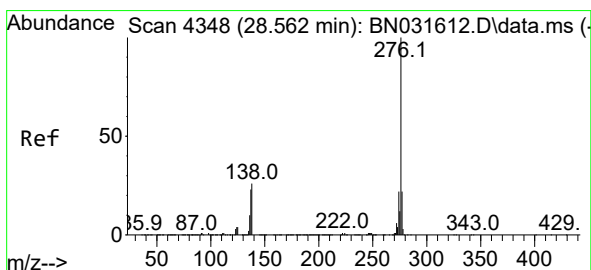
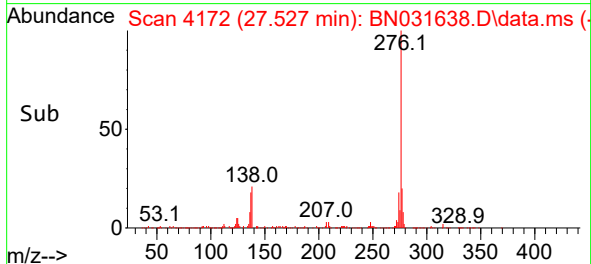
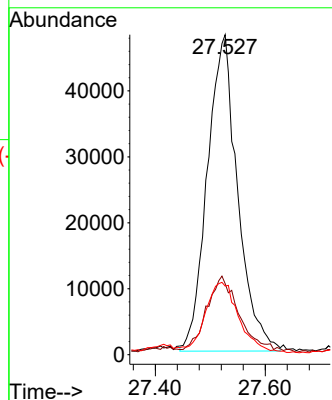
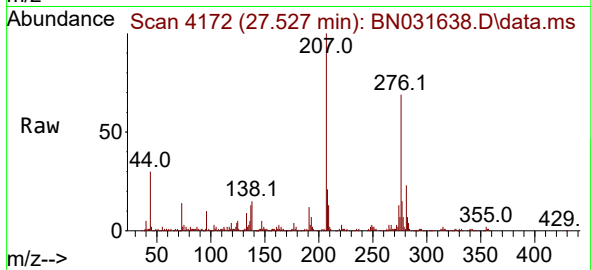
Tgt Ion:276 Resp: 183769

Ion Ratio Lower Upper

276 100

138 22.2 19.8 29.6

277 21.4 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 1.964 ng/ul

RT: 28.545 min Scan# 4345

Delta R.T. -0.012 min

Lab File: BN031638.D

Acq: 23 May 2024 18:54

Tgt Ion:276 Resp: 183332

Ion Ratio Lower Upper

276 100

138 27.3 19.5 29.3

277 26.5 17.6 26.4#

