

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031643.D
 Acq On : 23 May 2024 22:11
 Operator : MA/JU
 Sample : P2547-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X1

Quant Time: May 23 22:54:12 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

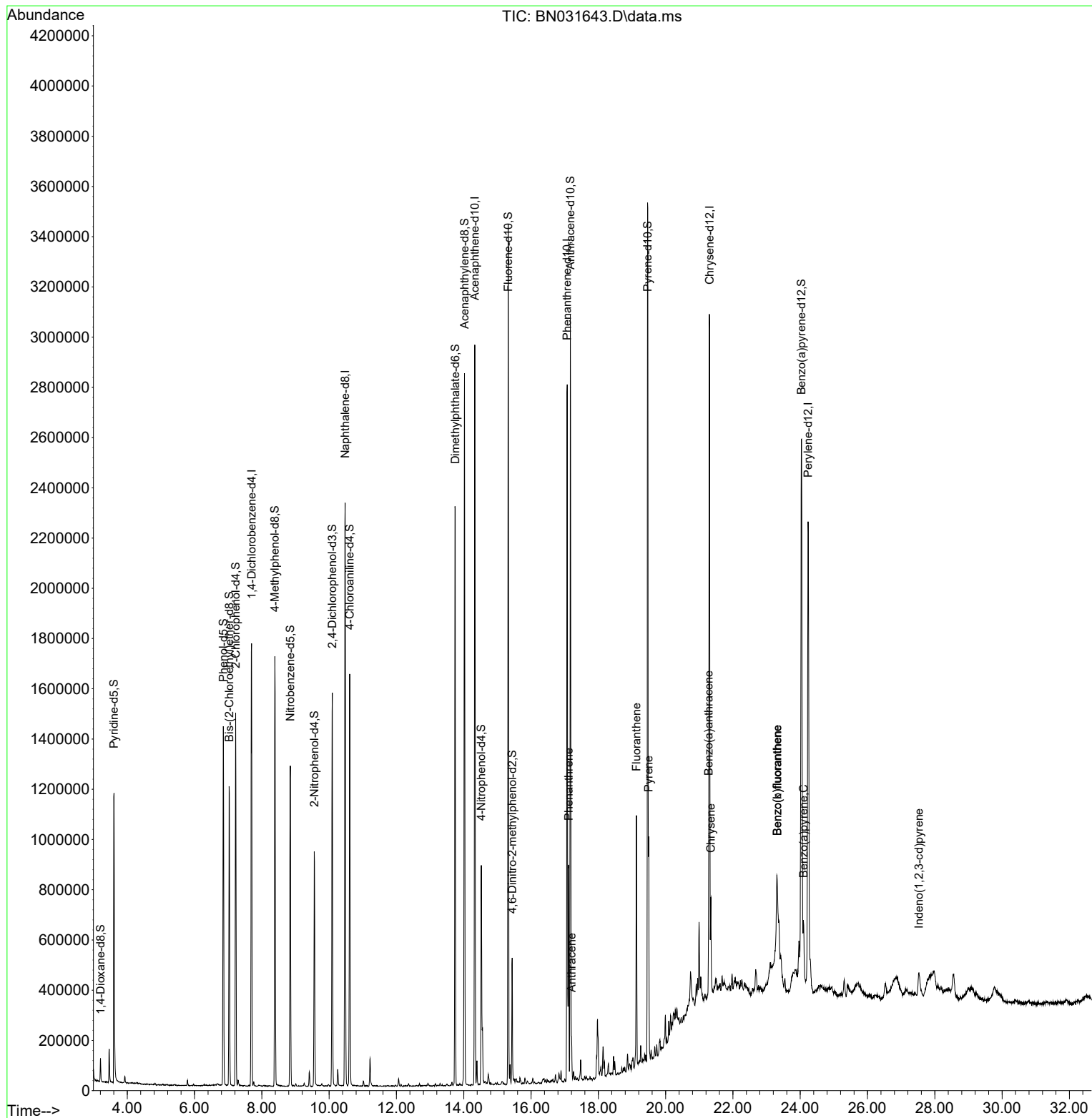
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	496080	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1983920	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1025421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1644008	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1370633	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1688227	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	46947	3.751	ng/uL	0.00
4) Pyridine-d5	3.605	84	668875	19.151	ng/u1	0.00
7) Phenol-d5	6.852	99	893379	21.877	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	523601	21.378	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	703662	22.362	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	663014	20.973	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	322565	21.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	314105	21.907	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	582935	20.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	887229	21.955	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	1564696	24.213	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1890814	23.345	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	200065	16.362	ng/u1	0.00
60) Fluorene-d10	15.322	176	1271223	22.699	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	97927	13.777	ng/u1	0.00
73) Anthracene-d10	17.169	188	1654811	23.778	ng/u1	0.00
81) Pyrene-d10	19.463	212	1778637	20.688	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1959710	24.661	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	516009	6.185	ng/u1	99
74) Anthracene	17.204	178	92999	1.111	ng/u1	98
80) Fluoranthene	19.133	202	594504	5.594	ng/u1	100
82) Pyrene	19.492	202	505457	4.638	ng/u1	96
85) Benzo(a)anthracene	21.280	228	253931	2.755	ng/u1	99
87) Chrysene	21.345	228	239406	2.812	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	314426	3.192	ng/u1	96
91) Benzo(k)fluoranthene	23.316	252	314426	3.131	ng/u1	97
93) Benzo(a)pyrene	24.098	252	227888	2.408	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.527	276	150362	1.324	ng/u1	93

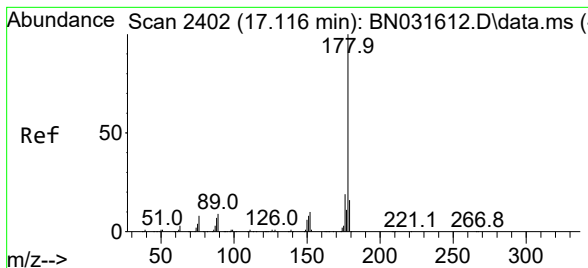
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 6.185 ng/ul

RT: 17.116 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Instrument :

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ClientSampleId :

BH5X1

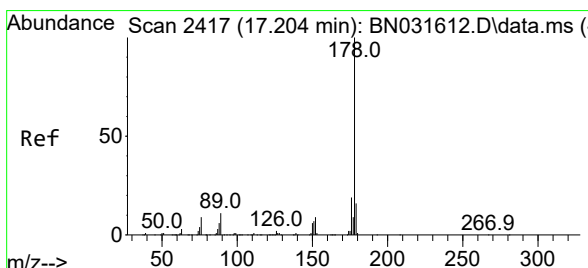
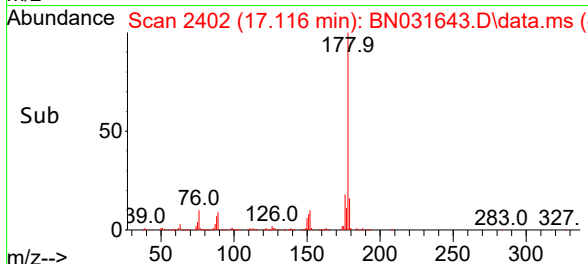
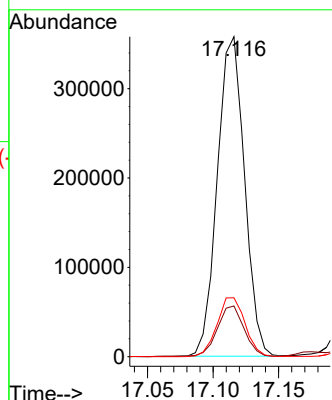
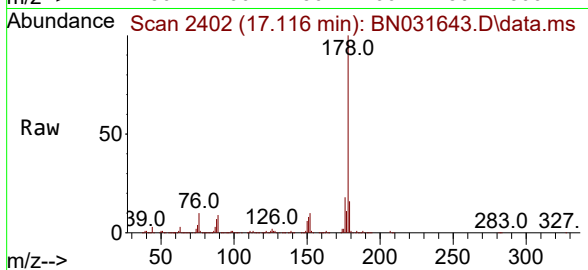
Tgt Ion:178 Resp: 516009

Ion Ratio Lower Upper

178 100

179 15.9 12.6 18.8

176 18.4 15.2 22.8



#74

Anthracene

Concen: 1.111 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

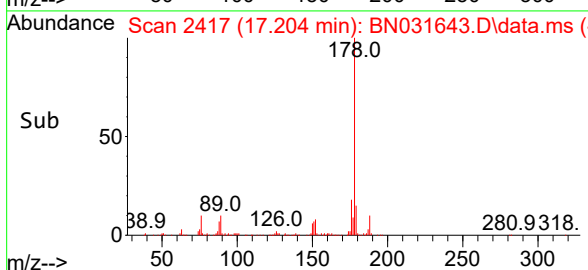
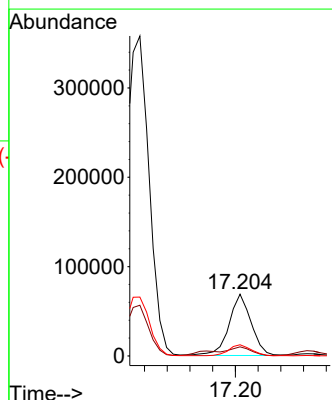
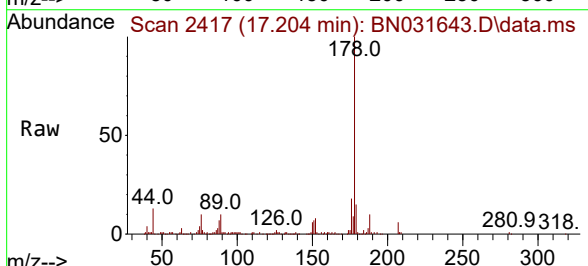
Tgt Ion:178 Resp: 92999

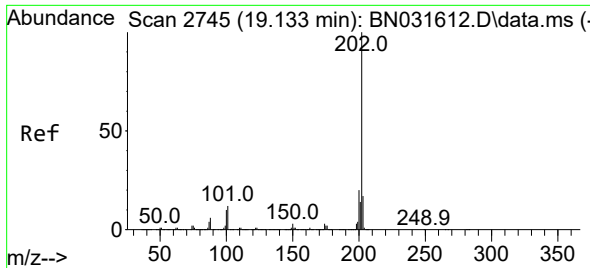
Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 18.0 15.4 23.2

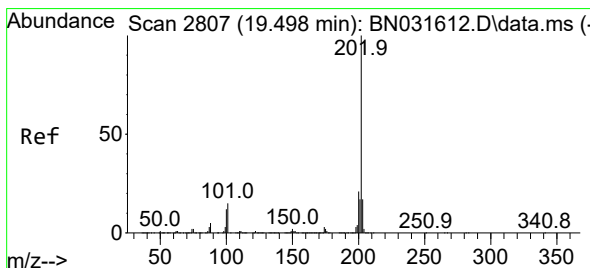
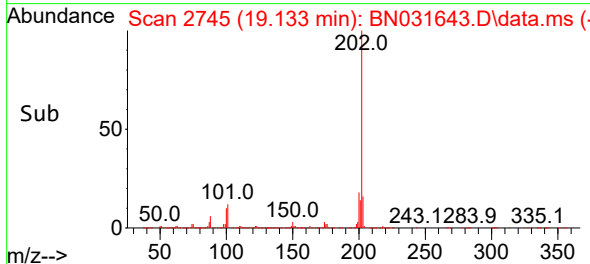
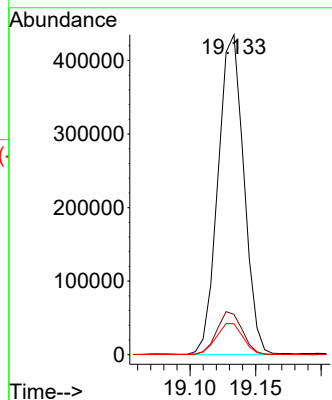
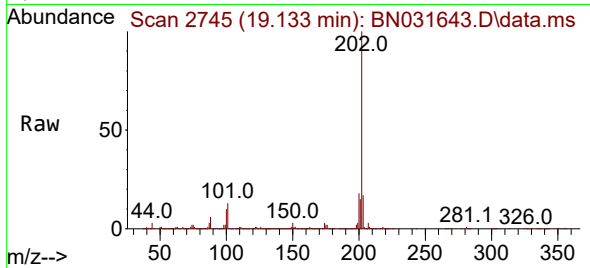




#80
Fluoranthene
Concen: 5.594 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

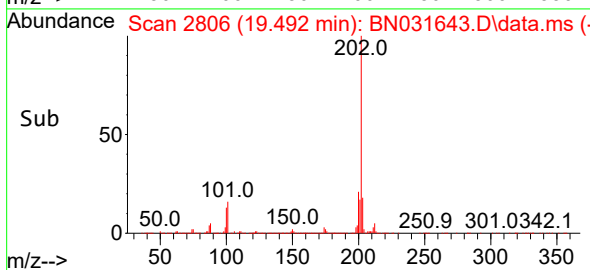
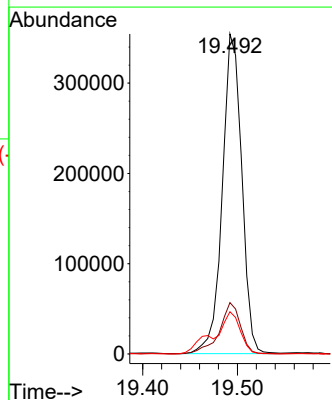
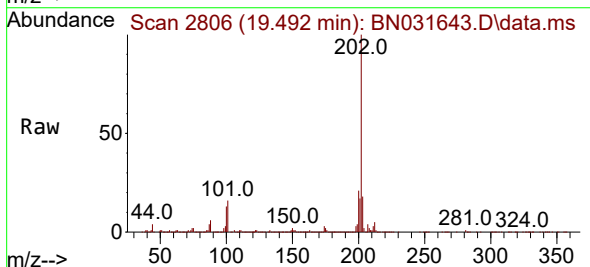
Instrument :
BNA_N
ClientSampleId :
BH5X1

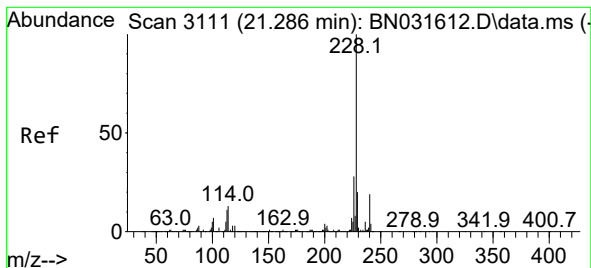
Tgt Ion:202 Resp: 594504
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.7 8.0 12.0



#82
Pyrene
Concen: 4.638 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

Tgt Ion:202 Resp: 505457
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.2
100 13.2 9.3 13.9





#85

Benzo(a)anthracene

Concen: 2.755 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Instrument :

BNA_N

ClientSampleId :

BH5X1

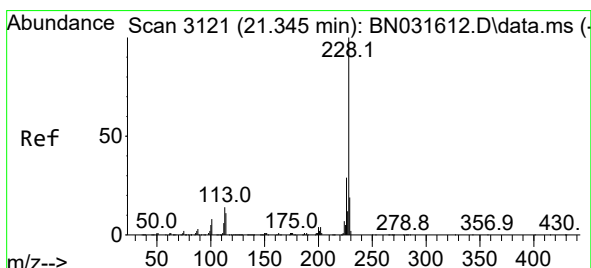
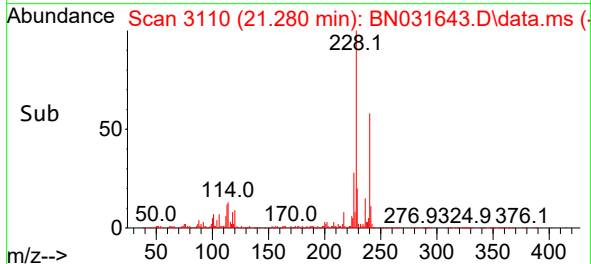
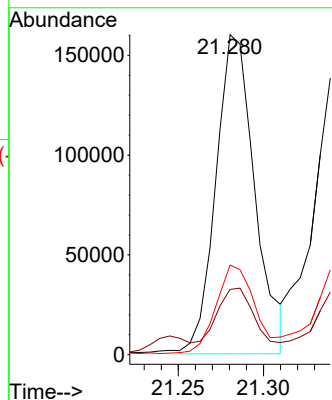
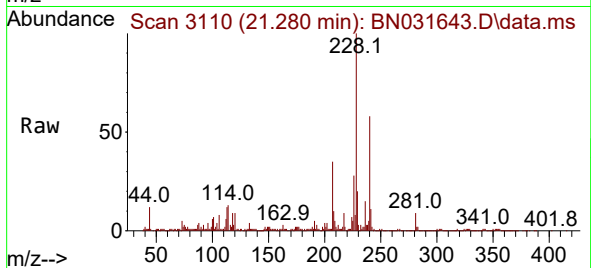
Tgt Ion:228 Resp: 253931

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

226 28.0 21.9 32.9



#87

Chrysene

Concen: 2.812 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

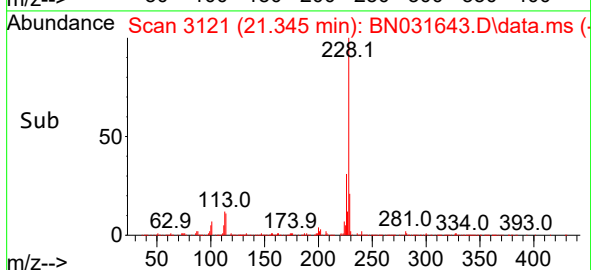
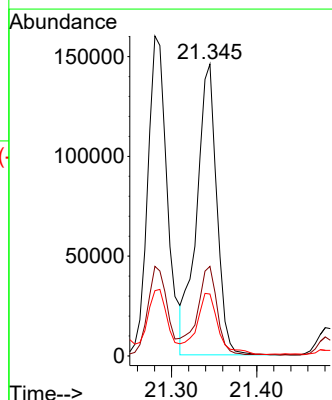
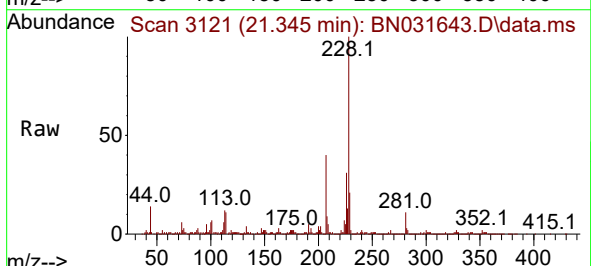
Tgt Ion:228 Resp: 239406

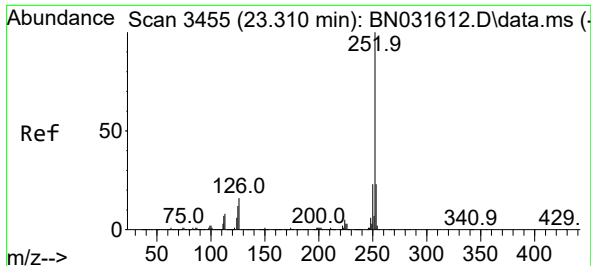
Ion Ratio Lower Upper

228 100

226 30.7 22.9 34.3

229 21.2 15.2 22.8

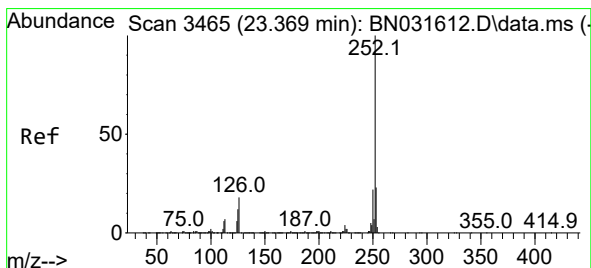
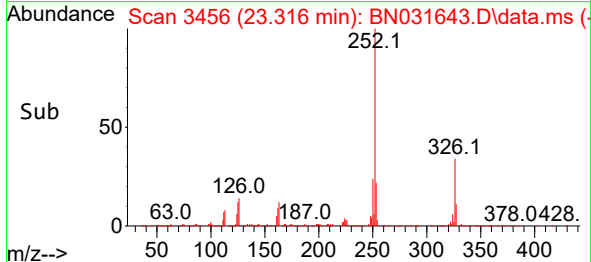
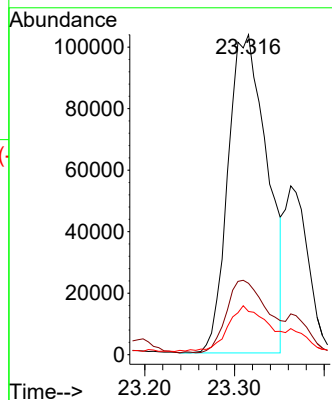
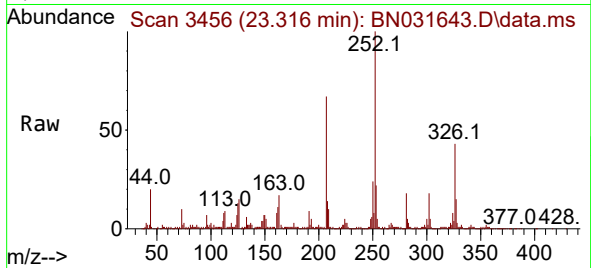




#90
Benzo(b)fluoranthene
Concen: 3.192 ng/ul
RT: 23.316 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

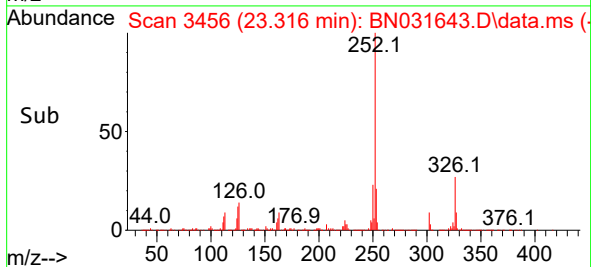
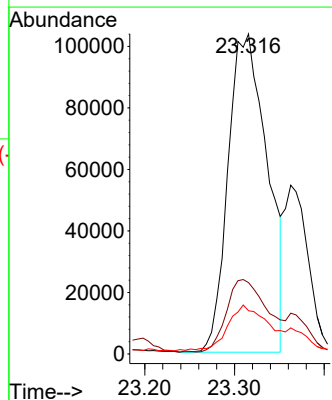
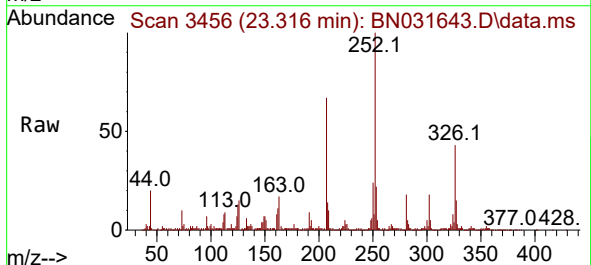
Instrument :
BNA_N
ClientSampleId :
BH5X1

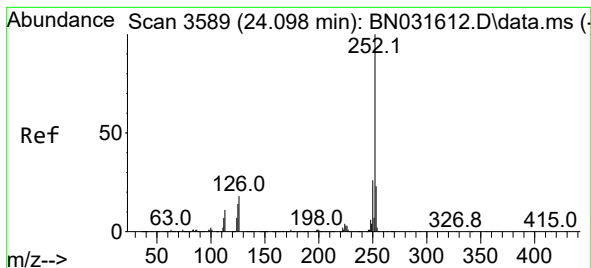
Tgt Ion:252 Resp: 314426
Ion Ratio Lower Upper
252 100
253 22.3 16.8 25.2
125 13.5 9.3 13.9



#91
Benzo(k)fluoranthene
Concen: 3.131 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. -0.053 min
Lab File: BN031643.D
Acq: 23 May 2024 22:11

Tgt Ion:252 Resp: 314426
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 13.5 9.3 13.9





#93

Benzo(a)pyrene

Concen: 2.408 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Instrument :

BNA_N

ClientSampleId :

BH5X1

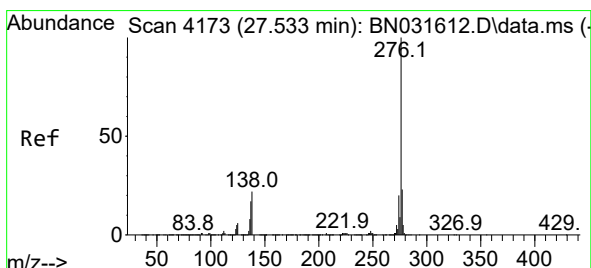
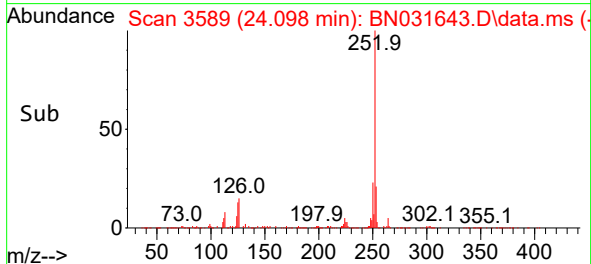
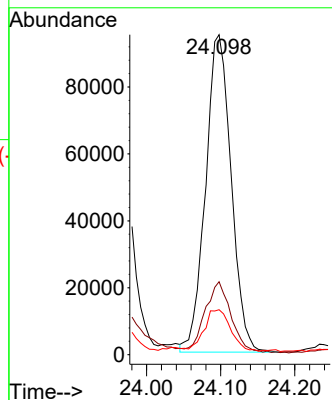
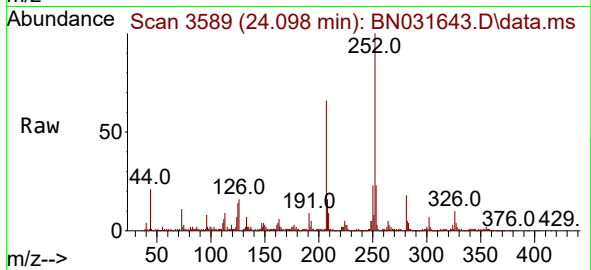
Tgt Ion:252 Resp: 227888

Ion Ratio Lower Upper

252 100

253 22.8 16.6 24.8

125 14.1 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.324 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031643.D

Acq: 23 May 2024 22:11

Tgt Ion:276 Resp: 150362

Ion Ratio Lower Upper

276 100

138 27.8 19.8 29.6

277 26.9 18.2 27.4

