

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031701.D
 Acq On : 29 May 2024 21:56
 Operator : MA/JU
 Sample : P2569-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A0

Quant Time: May 29 23:22:46 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)

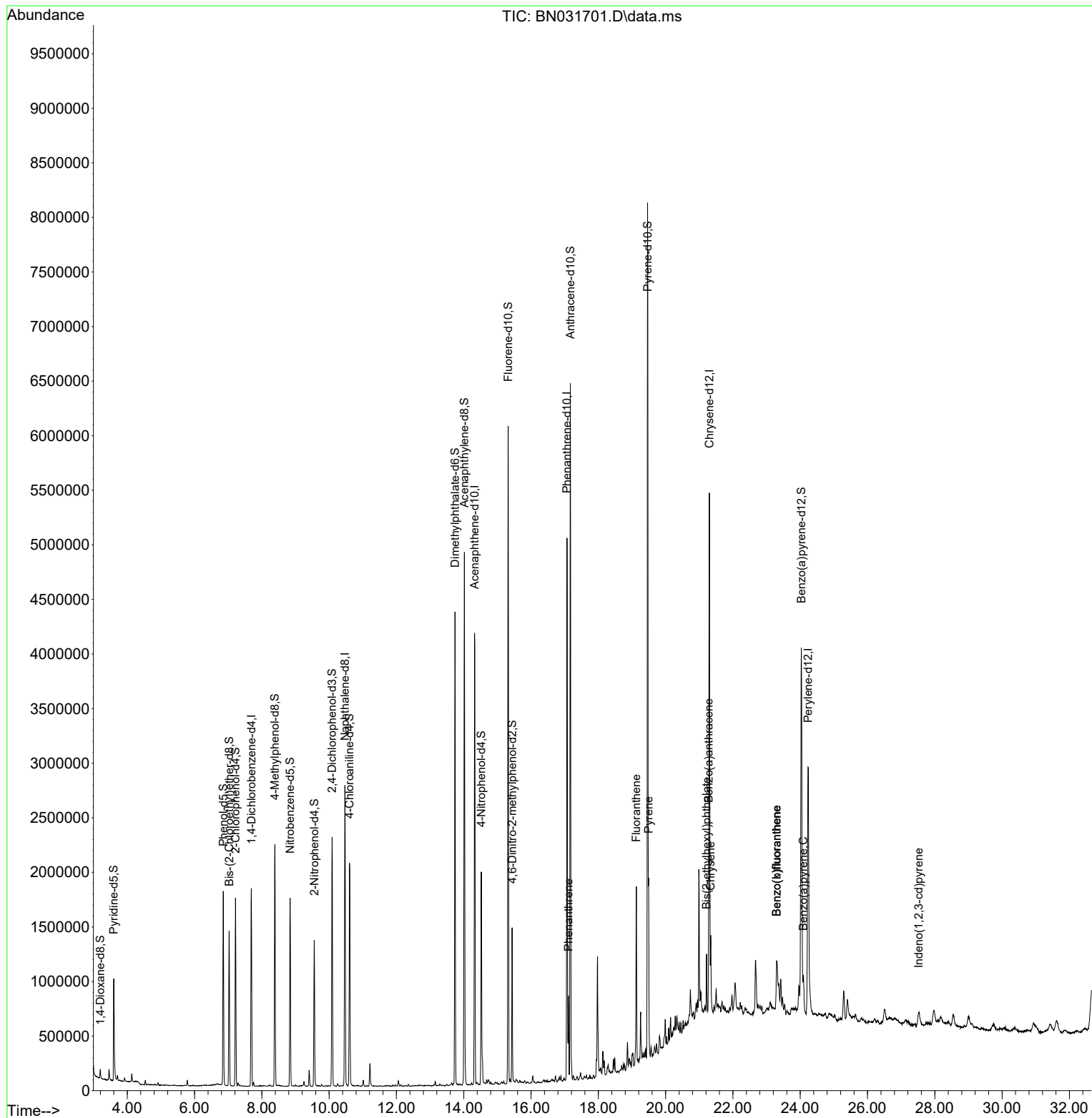
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	514621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2335297	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1480648	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2943846	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	2375242	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	2147376	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45364	3.647	ng/uL	0.00
4) Pyridine-d5	3.599	84	574939	16.419	ng/ul	0.00
7) Phenol-d5	6.852	99	1079726	24.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	614461	23.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	824960	24.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	892156	24.808	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	444504	24.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	456728	24.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	859591	24.963	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	1173309	22.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2867720	27.801	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	3216856	27.122	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	471406	22.825	ng/ul	0.00
60) Fluorene-d10	15.322	176	2397608	27.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	297530	20.107	ng/ul	0.00
73) Anthracene-d10	17.169	188	3604377	28.599	ng/ul	0.00
81) Pyrene-d10	19.463	212	4099841	32.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2923785	28.514	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	440213	2.935	ng/ul	99
80) Fluoranthene	19.128	202	915740	6.028	ng/ul	98
82) Pyrene	19.492	202	855246	5.488	ng/ul	99
85) Benzo(a)anthracene	21.280	228	415459	2.613	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	212154	1.977	ng/ul	98
87) Chrysene	21.339	228	444748	2.995	ng/ul	95
90) Benzo(b)fluoranthene	23.298	252	201894	1.573	ng/ul#	95
91) Benzo(k)fluoranthene	23.298	252	201894	1.603	ng/ul	96
93) Benzo(a)pyrene	24.092	252	321150	2.671	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	198695	1.434	ng/ul	95

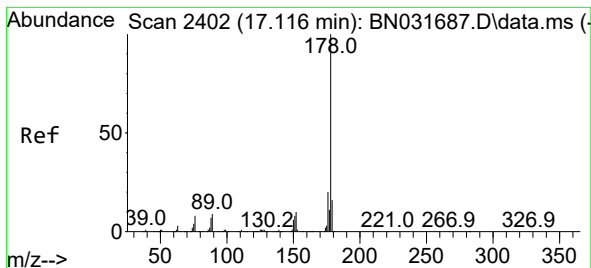
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.935 ng/ul

RT: 17.110 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Instrument :

BNA_N

ClientSampleId :

BH6A0

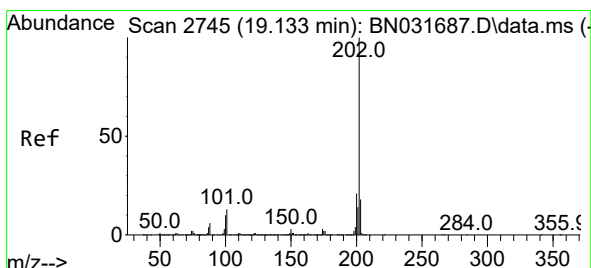
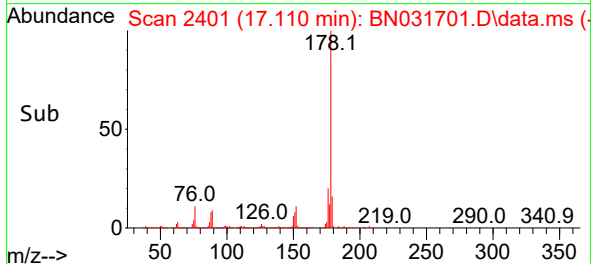
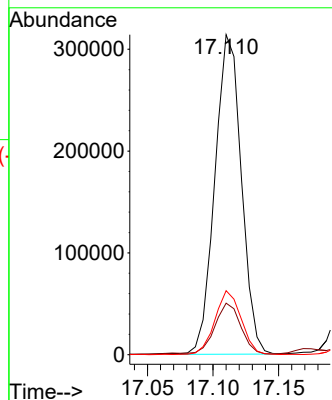
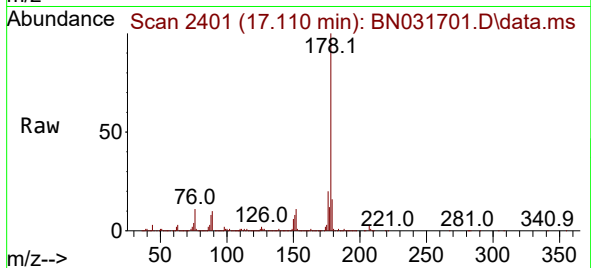
Tgt Ion:178 Resp: 440213

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 20.0 15.8 23.6



#80

Fluoranthene

Concen: 6.028 ng/ul

RT: 19.128 min Scan# 2744

Delta R.T. -0.006 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

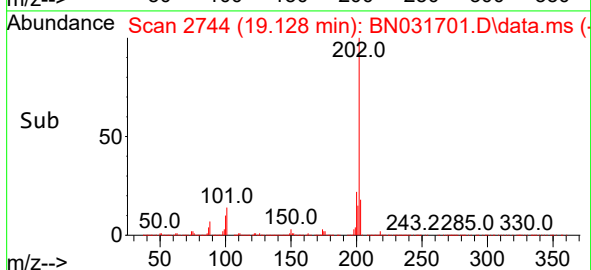
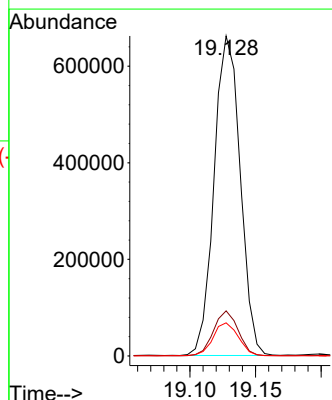
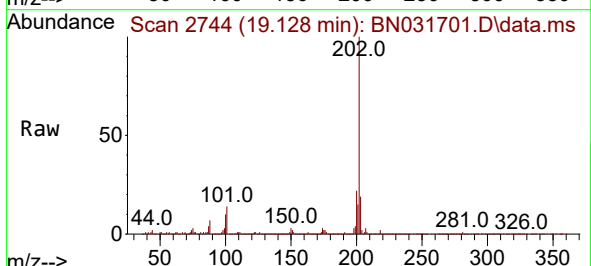
Tgt Ion:202 Resp: 915740

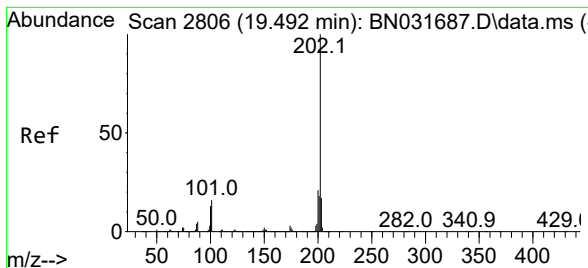
Ion Ratio Lower Upper

202 100

101 14.1 10.3 15.5

100 10.4 8.0 12.0





#82

Pyrene

Concen: 5.488 ng/ul

RT: 19.492 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Instrument :

BNA_N

ClientSampleId :

BH6A0

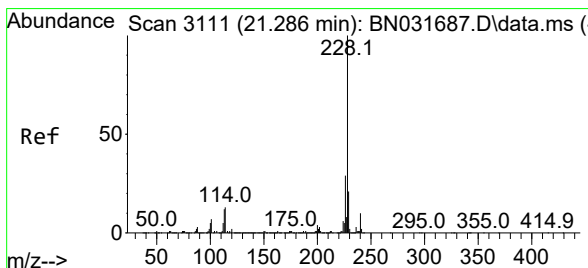
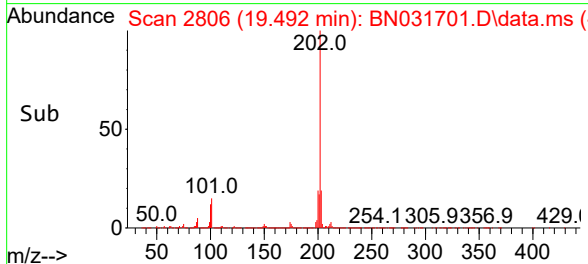
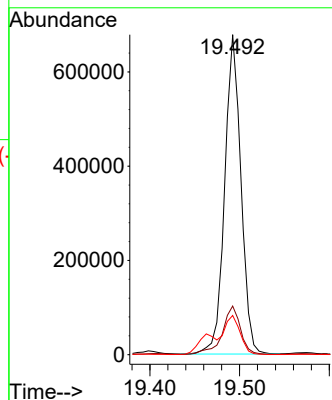
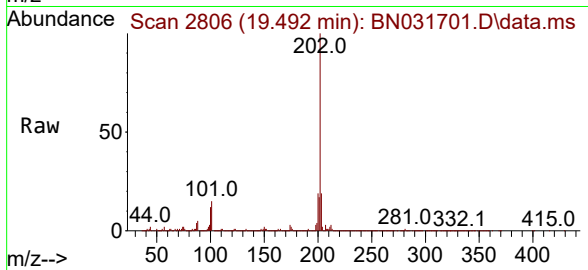
Tgt Ion:202 Resp: 855246

Ion Ratio Lower Upper

202 100

101 15.2 12.6 18.8

100 12.3 10.2 15.2



#85

Benzo(a)anthracene

Concen: 2.613 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

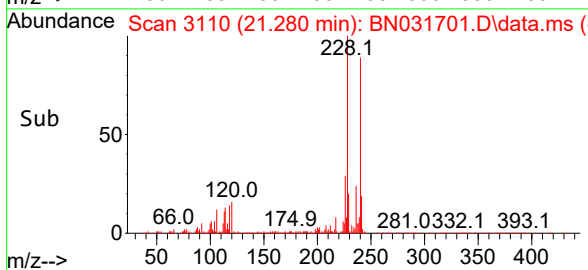
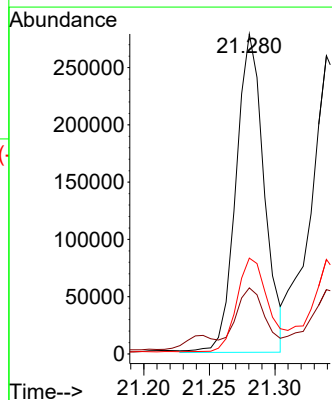
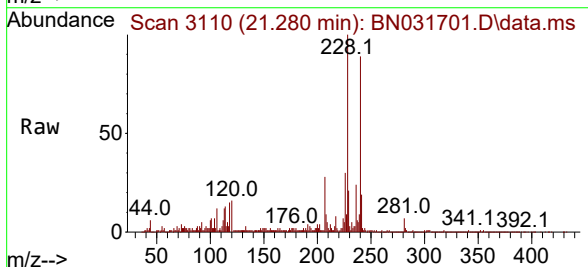
Tgt Ion:228 Resp: 415459

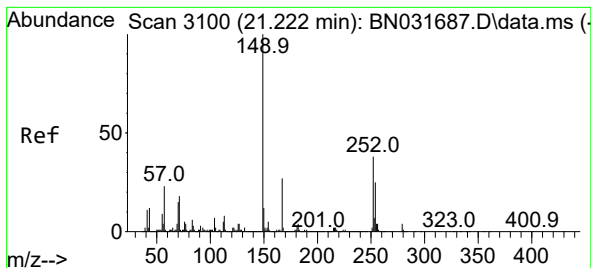
Ion Ratio Lower Upper

228 100

229 20.7 16.7 25.1

226 29.9 22.8 34.2

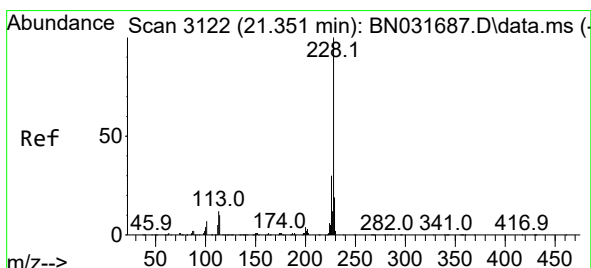
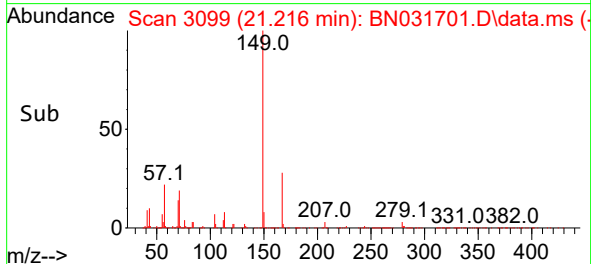
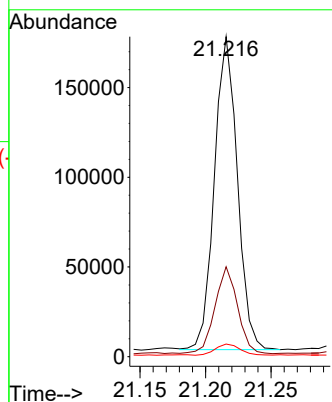
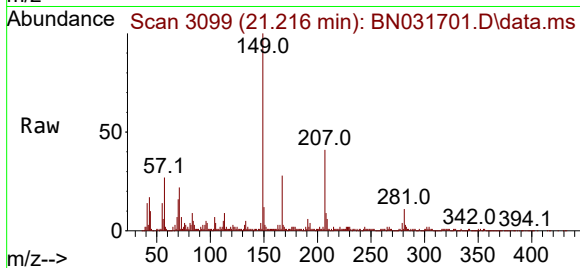




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.977 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

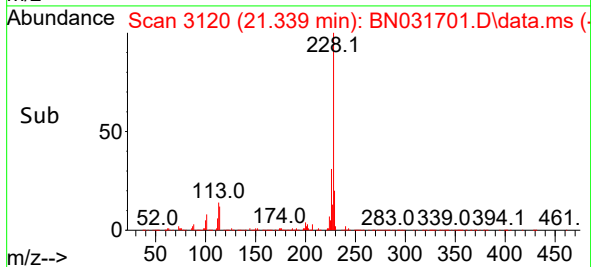
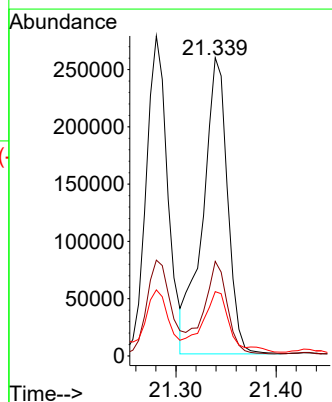
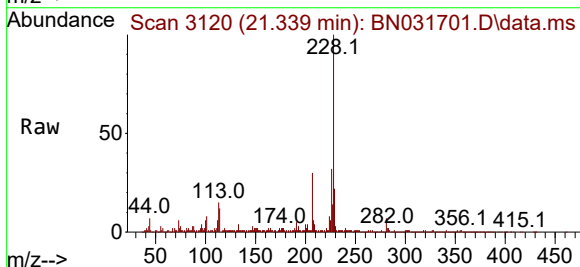
Instrument :
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BH6A0

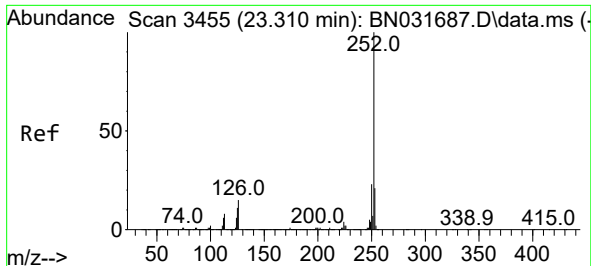
Tgt Ion:149 Resp: 212154
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 3.9 3.3 4.9



#87
Chrysene
Concen: 2.995 ng/ul
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN031701.D
Acq: 29 May 2024 21:56

Tgt Ion:228 Resp: 444748
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 21.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 1.573 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. -0.012 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Instrument :

BNA_N

ClientSampleId :

BH6A0

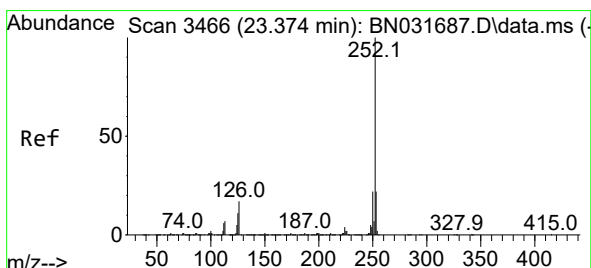
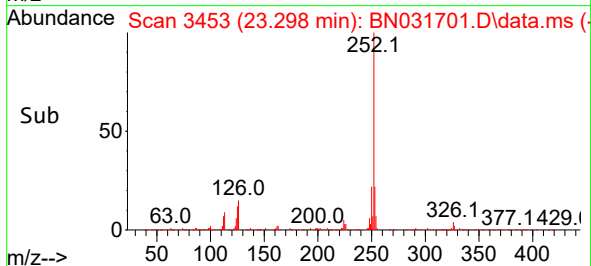
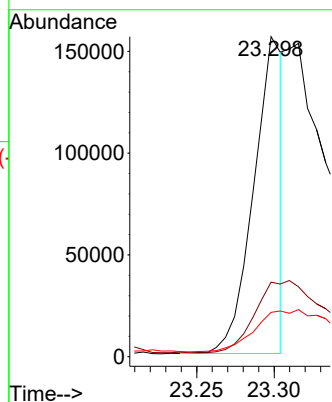
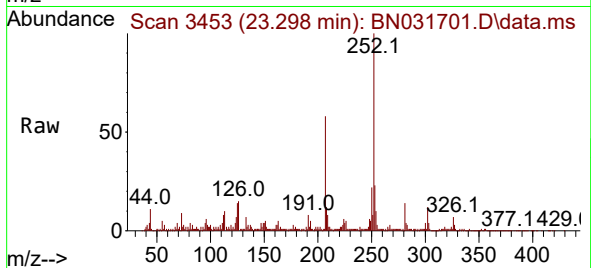
Tgt Ion:252 Resp: 201894

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 13.9 9.2 13.8#



#91

Benzo(k)fluoranthene

Concen: 1.603 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. -0.076 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

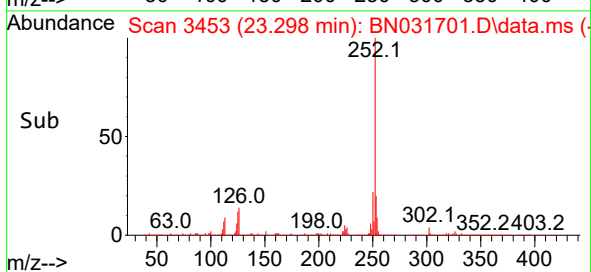
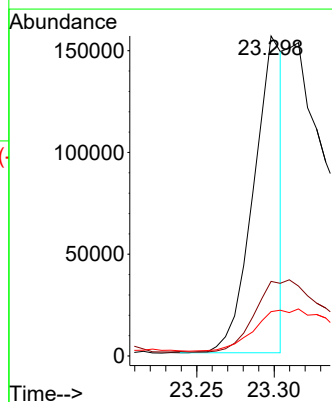
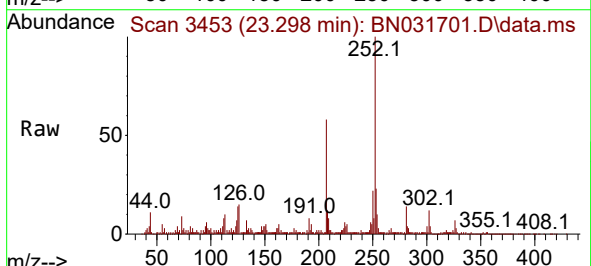
Tgt Ion:252 Resp: 201894

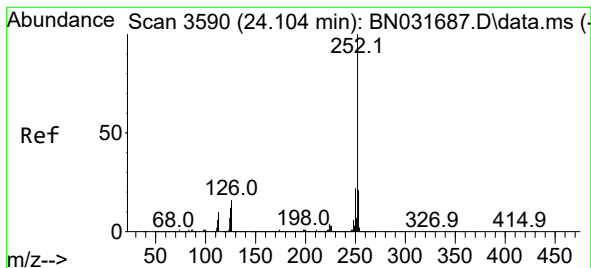
Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 13.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 2.671 ng/ul

RT: 24.092 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Instrument :

BNA_N

ClientSampleId :

BH6A0

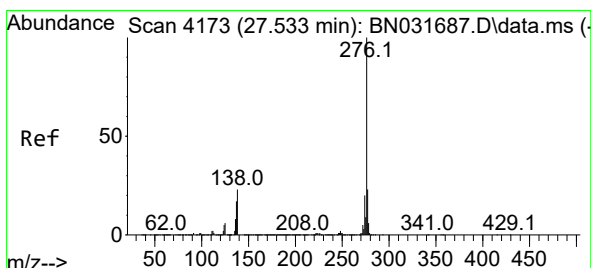
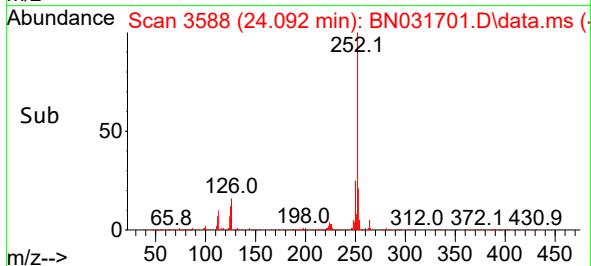
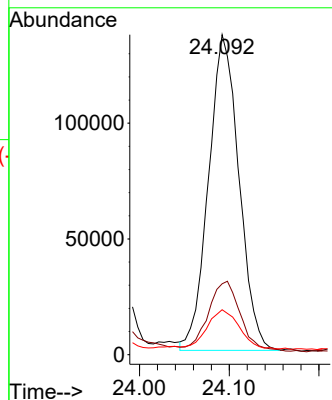
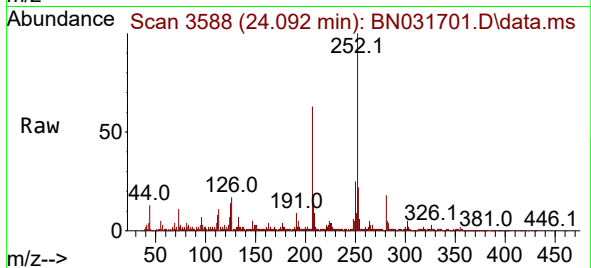
Tgt Ion:252 Resp: 321150

Ion Ratio Lower Upper

252 100

253 22.2 16.6 24.8

125 14.0 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.434 ng/ul

RT: 27.521 min Scan# 4171

Delta R.T. -0.012 min

Lab File: BN031701.D

Acq: 29 May 2024 21:56

Tgt Ion:276 Resp: 198695

Ion Ratio Lower Upper

276 100

138 24.5 18.1 27.1

277 25.2 18.2 27.2

