

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031631.D
 Acq On : 23 May 2024 14:12
 Operator : MA/JU
 Sample : P2547-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5P3

Quant Time: May 23 22:51:14 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)

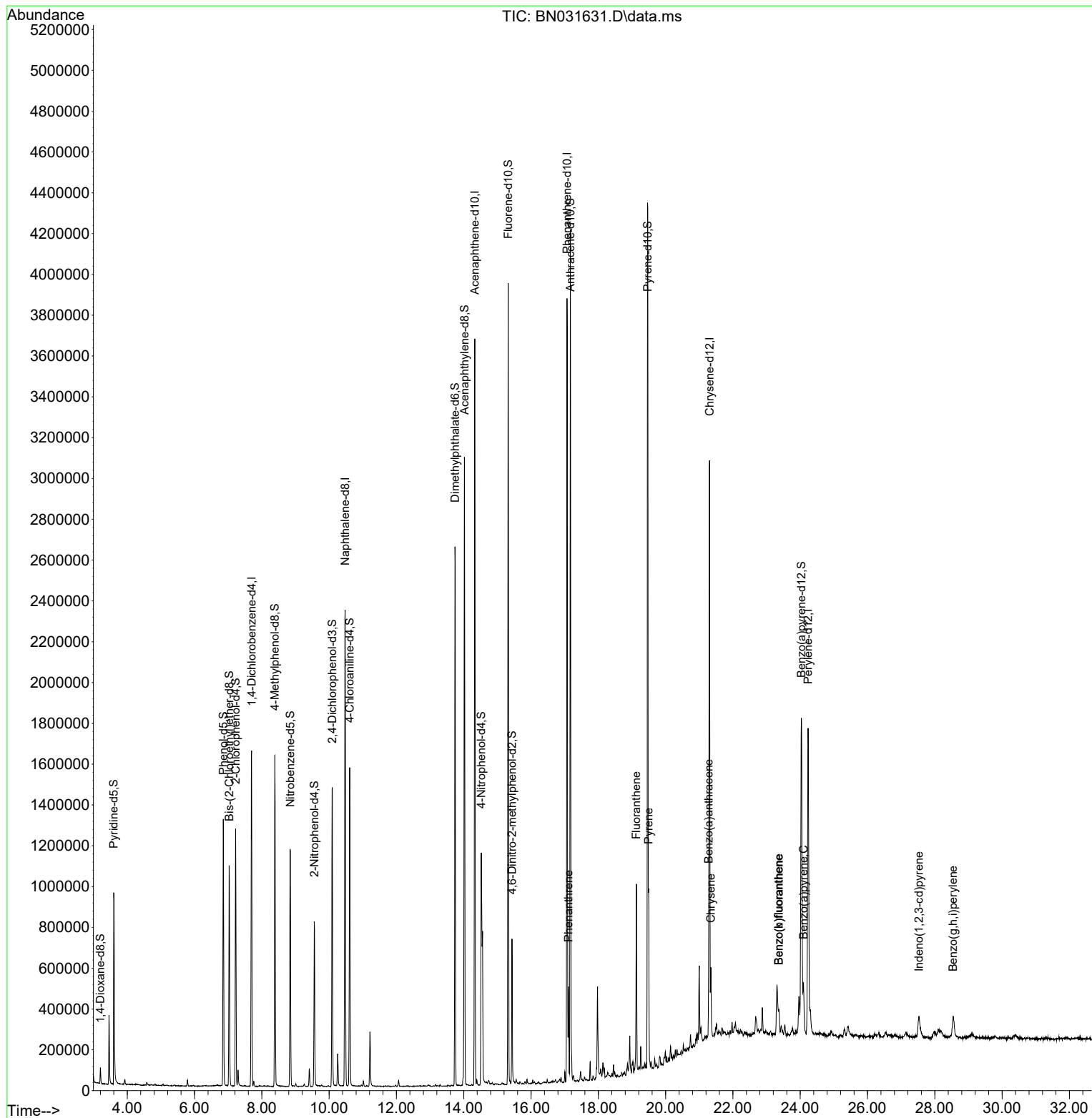
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	455257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1979448	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1232989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2329968	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1392204	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1283595	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	40437	3.521	ng/uL	0.00
4) Pyridine-d5	3.599	84	537623	16.773	ng/u1	0.00
7) Phenol-d5	6.852	99	767388	20.477	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	475855	21.171	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	578375	20.029	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	608837	20.986	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	284678	19.003	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	257932	18.030	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	540212	19.313	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	828333	20.544	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1753146	22.562	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2039577	20.942	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	240312	16.345	ng/u1	0.00
60) Fluorene-d10	15.322	176	1501956	22.304	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	126144	12.522	ng/u1	0.00
73) Anthracene-d10	17.169	188	2180595	22.108	ng/u1	0.00
81) Pyrene-d10	19.463	212	2203738	25.236	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1428812	23.648	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	264185	2.234	ng/u1	99
80) Fluoranthene	19.128	202	524976	4.864	ng/u1	97
82) Pyrene	19.492	202	484409	4.376	ng/u1	97
85) Benzo(a)anthracene	21.281	228	233041	2.489	ng/u1	98
87) Chrysene	21.345	228	205312	2.374	ng/u1	97
90) Benzo(b)fluoranthene	23.363	252	105475	1.408	ng/u1	95
91) Benzo(k)fluoranthene	23.363	252	105618	1.383	ng/u1	96
93) Benzo(a)pyrene	24.098	252	215421	2.994	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.527	276	154704	1.791	ng/u1	98
96) Benzo(g,h,i)perylene	28.545	276	159165	2.231	ng/u1	99

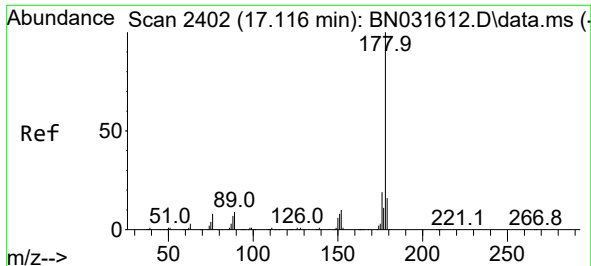
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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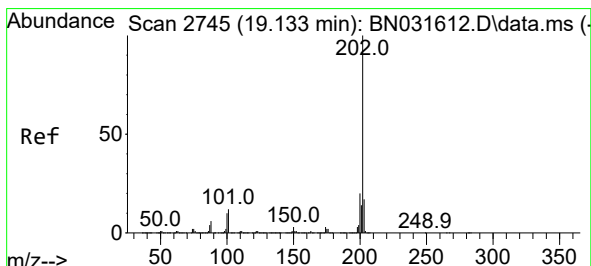
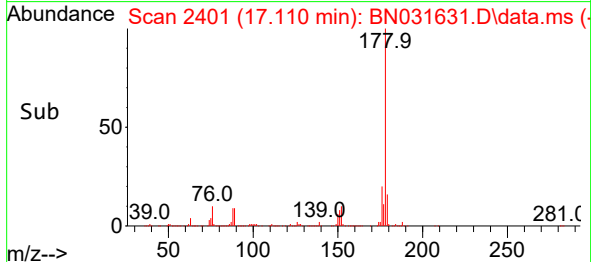
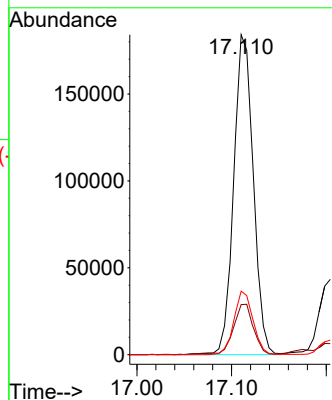
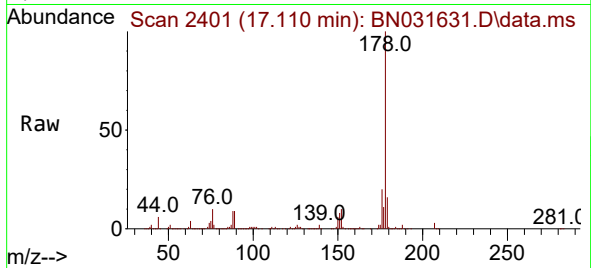




#72
Phenanthrene
Concen: 2.234 ng/ul
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031631.D
Acq: 23 May 2024 14:12

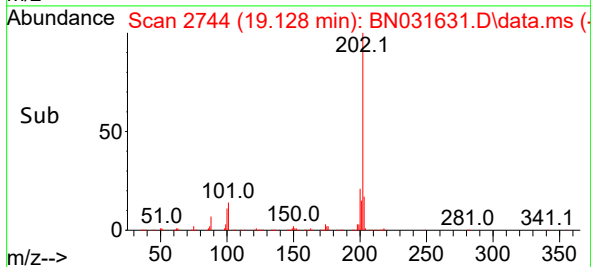
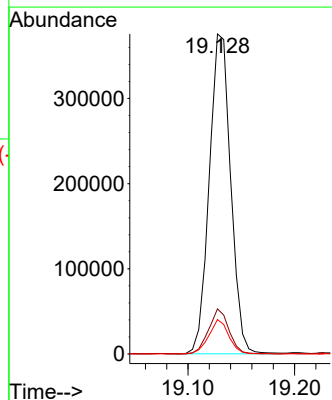
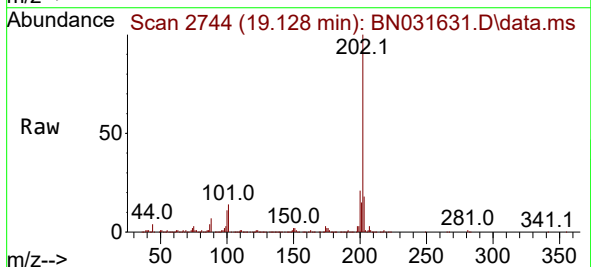
Instrument :
BNA_N
ClientSampleId :
BH5P3

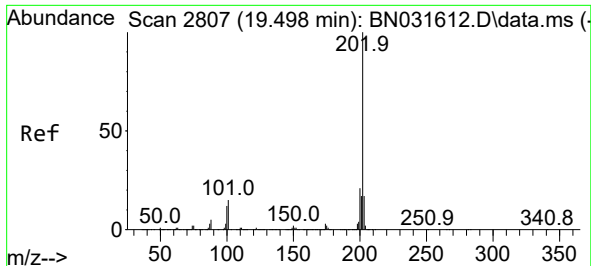
Tgt Ion:178 Resp: 264185
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.9 15.2 22.8



#80
Fluoranthene
Concen: 4.864 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031631.D
Acq: 23 May 2024 14:12

Tgt Ion:202 Resp: 524976
Ion Ratio Lower Upper
202 100
101 14.1 10.1 15.1
100 10.8 8.0 12.0

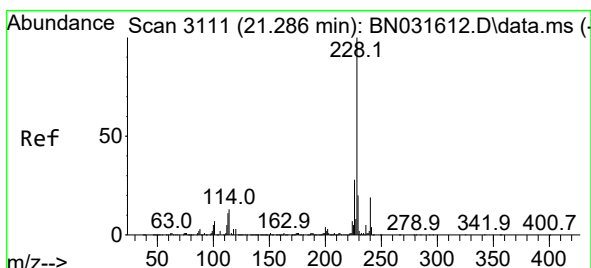
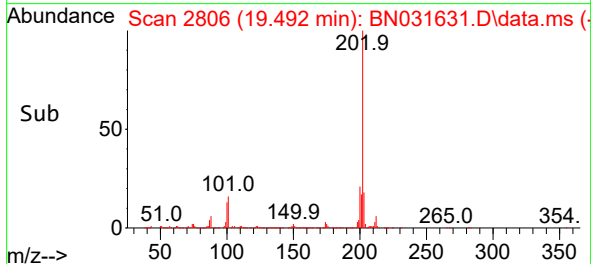
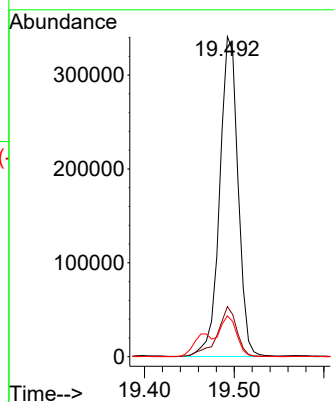
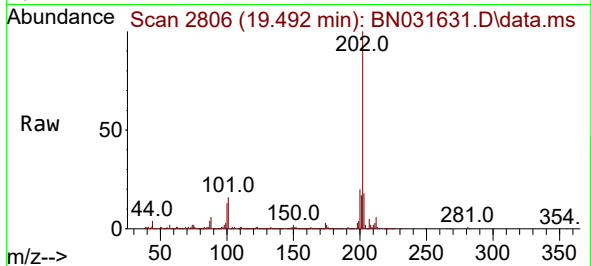




#82
 Pyrene
 Concen: 4.376 ng/ul
 RT: 19.492 min Scan# 2110
 Delta R.T. -0.006 min
 Lab File: BN031631.D
 Acq: 23 May 2024 14:12

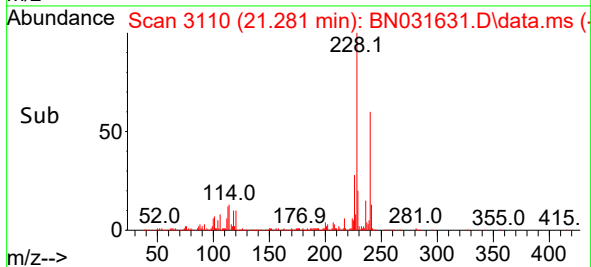
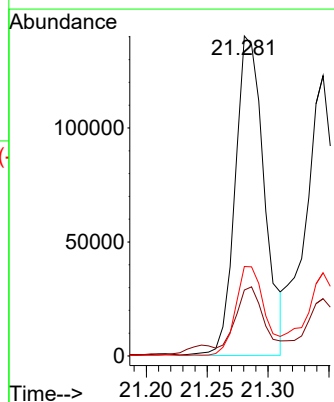
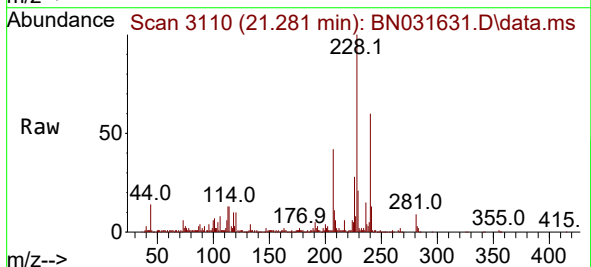
Instrument :
 BNA_N
 ClientSampleId :
 BH5P3

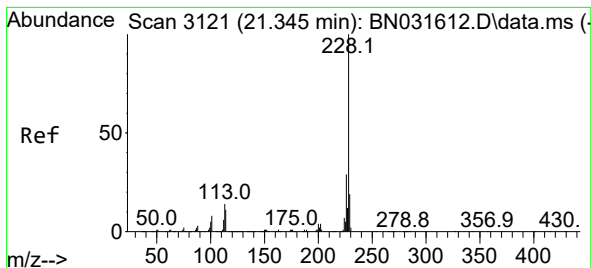
Tgt Ion:202 Resp: 484409
 Ion Ratio Lower Upper
 202 100
 101 15.7 11.4 17.2
 100 12.7 9.3 13.9



#85
 Benzo(a)anthracene
 Concen: 2.489 ng/ul
 RT: 21.281 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031631.D
 Acq: 23 May 2024 14:12

Tgt Ion:228 Resp: 233041
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.7 23.5
 226 27.9 21.9 32.9





#87

Chrysene

Concen: 2.374 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031631.D

Acq: 23 May 2024 14:12

Instrument :

BNA_N

ClientSampleId :

BH5P3

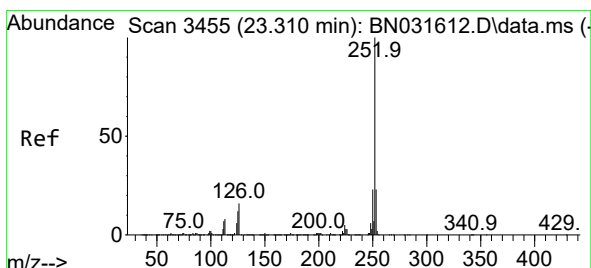
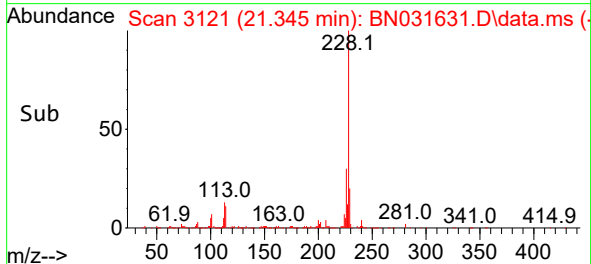
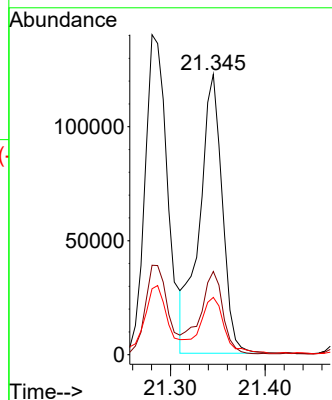
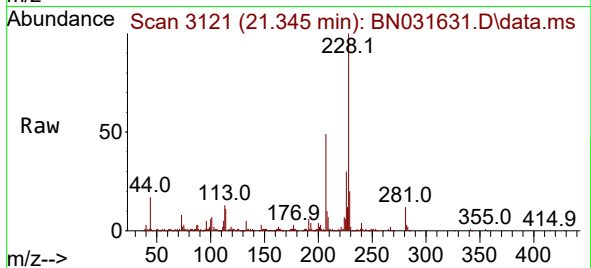
Tgt Ion:228 Resp: 205312

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 20.5 15.2 22.8



#90

Benzo(b)fluoranthene

Concen: 1.408 ng/ul

RT: 23.363 min Scan# 3464

Delta R.T. 0.053 min

Lab File: BN031631.D

Acq: 23 May 2024 14:12

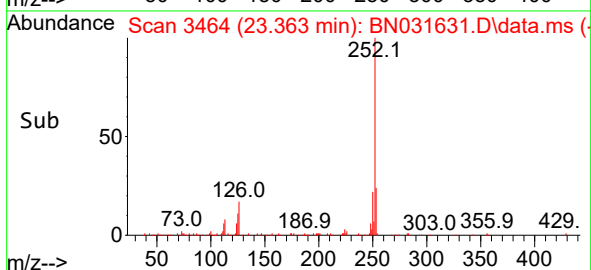
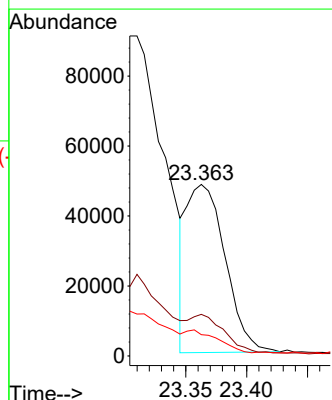
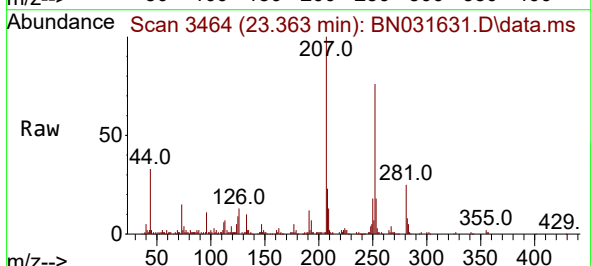
Tgt Ion:252 Resp: 105475

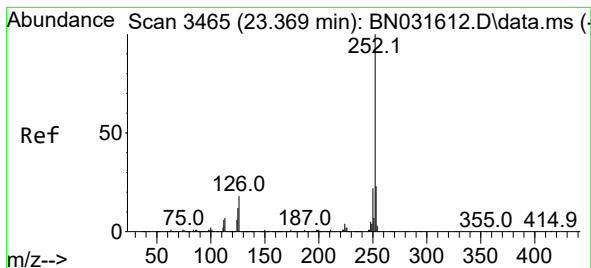
Ion Ratio Lower Upper

252 100

253 24.3 16.8 25.2

125 12.4 9.3 13.9





#91

Benzo(k)fluoranthene

Concen: 1.383 ng/ul

RT: 23.363 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BN031631.D

Acq: 23 May 2024 14:12

Instrument :

BNA_N

ClientSampleId :

BH5P3

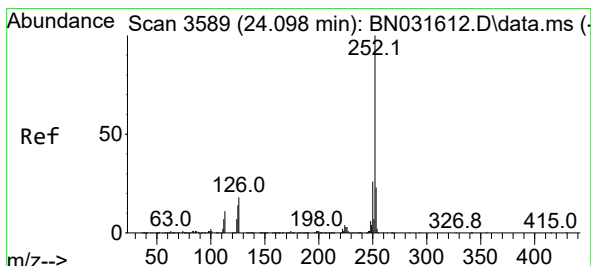
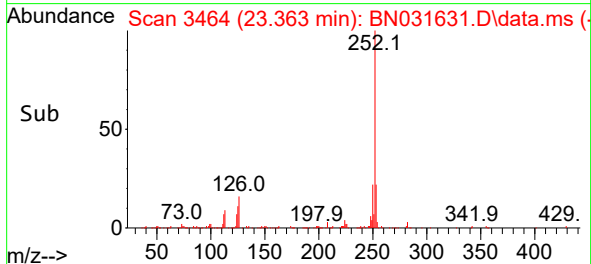
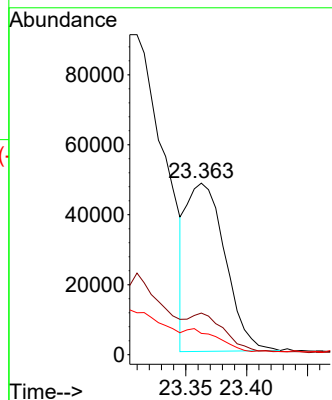
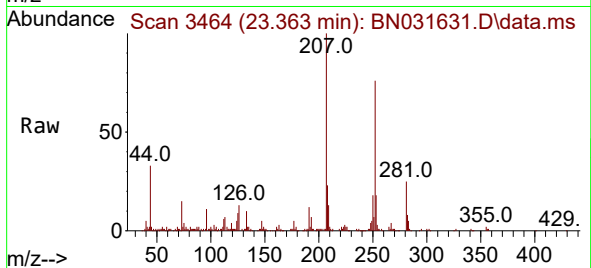
Tgt Ion:252 Resp: 105618

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 12.4 9.3 13.9



#93

Benzo(a)pyrene

Concen: 2.994 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031631.D

Acq: 23 May 2024 14:12

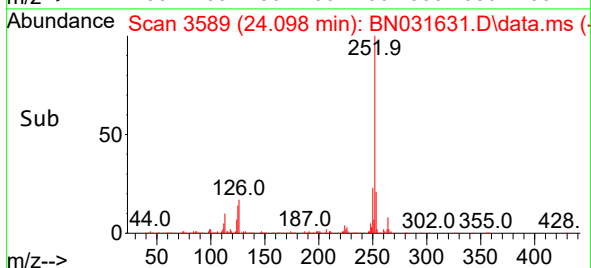
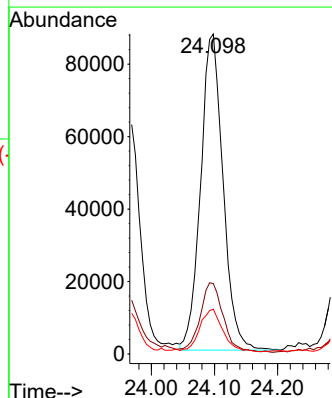
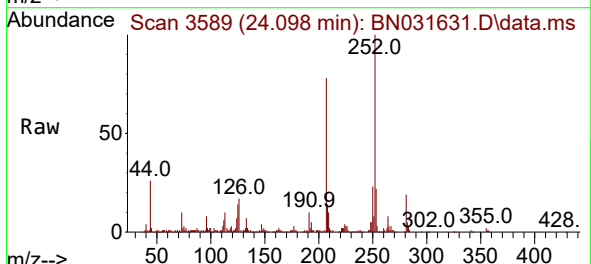
Tgt Ion:252 Resp: 215421

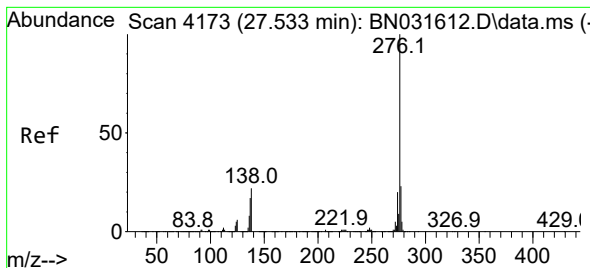
Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

125 14.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.791 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031631.D

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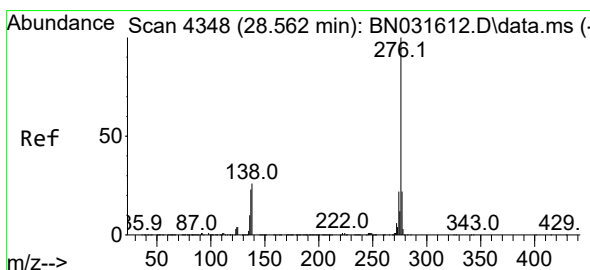
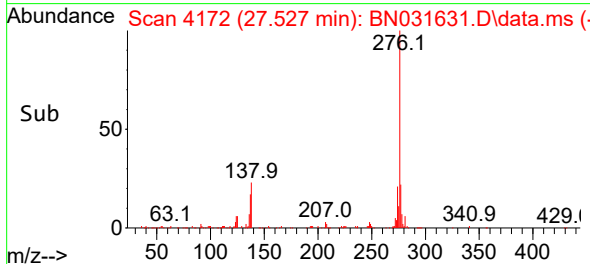
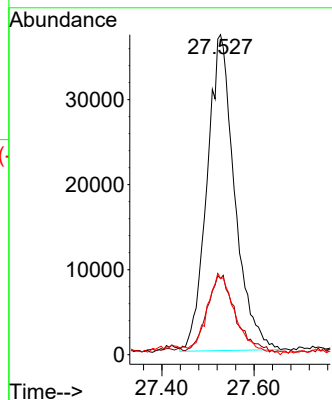
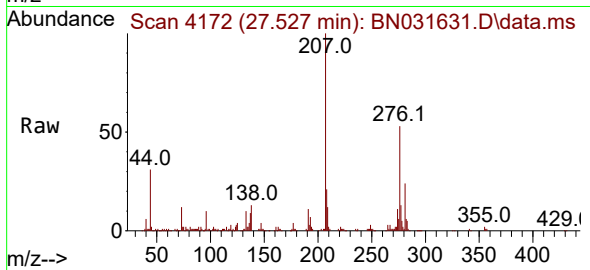
Tgt Ion:276 Resp: 154704

Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.6

277 23.8 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 2.231 ng/ul

RT: 28.545 min Scan# 4345

Delta R.T. -0.012 min

Lab File: BN031631.D

Acq: 23 May 2024 14:12

Tgt Ion:276 Resp: 159165

Ion Ratio Lower Upper

276 100

138 24.8 19.5 29.3

277 21.7 17.6 26.4

