

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031658.D
 Acq On : 24 May 2024 13:01
 Operator : MA/JU
 Sample : P2548-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y6

Quant Time: May 24 22:42:27 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)

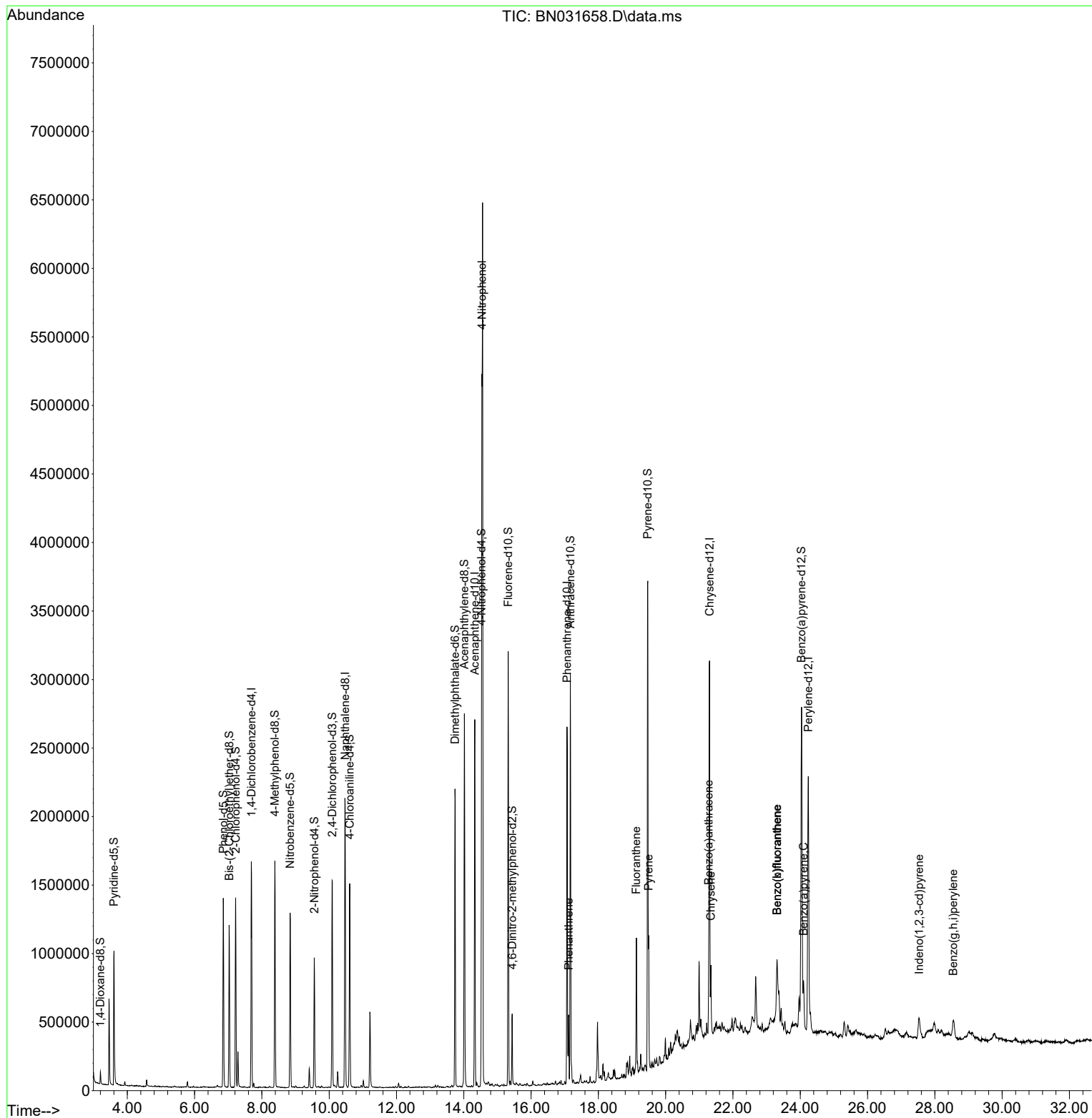
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	453816	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1800887	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	904617	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1518160	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1347347	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1671376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45786	3.999	ng/uL	0.00
4) Pyridine-d5	3.605	84	560544	17.544	ng/ul	0.00
7) Phenol-d5	6.852	99	852023	22.807	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	503711	22.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	671514	23.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	633965	21.921	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	324497	23.808	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	314194	24.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	567540	22.302	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	807872	22.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1484818	26.045	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1821329	25.490	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	197982	18.354	ng/ul	0.00
60) Fluorene-d10	15.322	176	1232143	24.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	99965	15.230	ng/ul	0.00
73) Anthracene-d10	17.169	188	1623018	25.254	ng/ul	0.00
81) Pyrene-d10	19.463	212	1842990	21.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2047073	26.020	ng/ul	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	14.539	109	44277	5.448	ng/ul#	2
72) Phenanthrene	17.116	178	300640	3.902	ng/ul	100
80) Fluoranthene	19.127	202	575291	5.507	ng/ul	99
82) Pyrene	19.492	202	539081	5.032	ng/ul	97
85) Benzo(a)anthracene	21.280	228	312673	3.451	ng/ul	99
87) Chrysene	21.345	228	311681	3.724	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	441796	4.530	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	441796	4.444	ng/ul	99
93) Benzo(a)pyrene	24.098	252	321321	3.430	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.533	276	228452	2.032	ng/ul	96
96) Benzo(g,h,i)perylene	28.550	276	226250	2.435	ng/ul	97

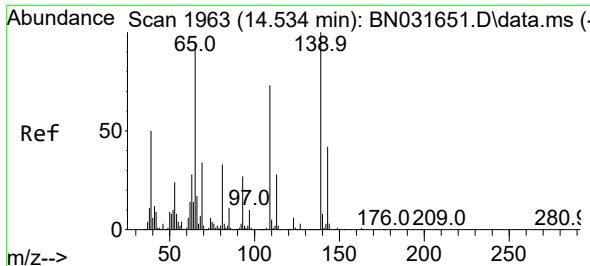
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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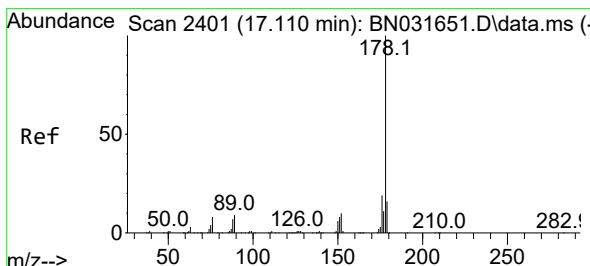
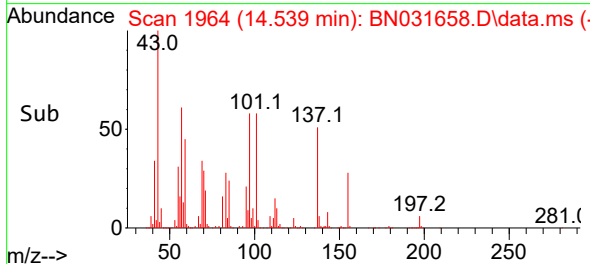
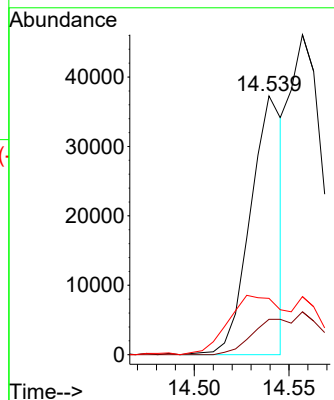
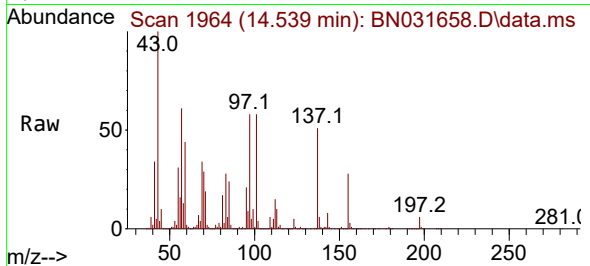




#55
4-Nitrophenol
Concen: 5.448 ng/ul
RT: 14.539 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BN031658.D
Acq: 24 May 2024 13:01

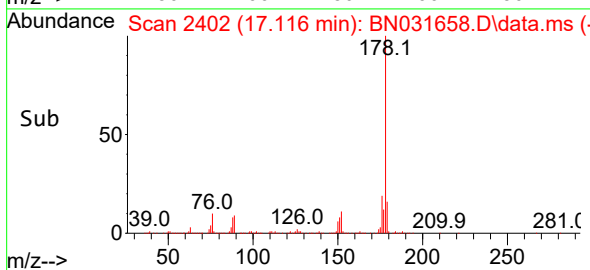
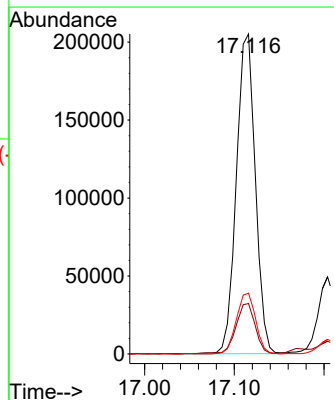
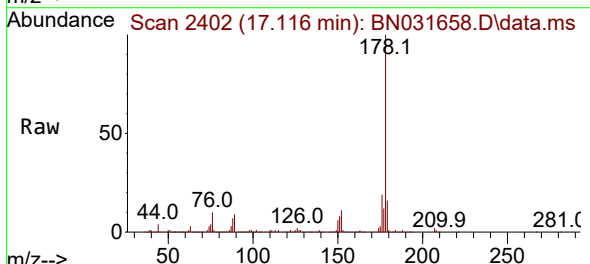
Instrument :
BNA_N
ClientSampleId :
BH5Y6

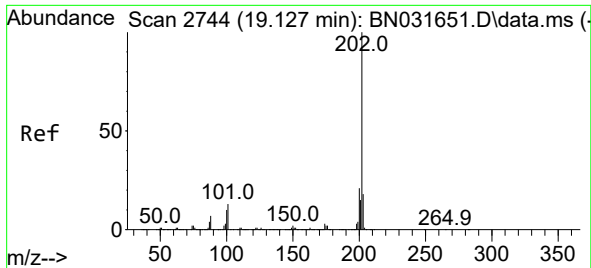
Tgt Ion:109 Resp: 44277
Ion Ratio Lower Upper
109 100
139 13.7 113.8 170.6#
65 21.8 101.1 151.7#



#72
Phenanthrene
Concen: 3.902 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031658.D
Acq: 24 May 2024 13:01

Tgt Ion:178 Resp: 300640
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.2 22.8

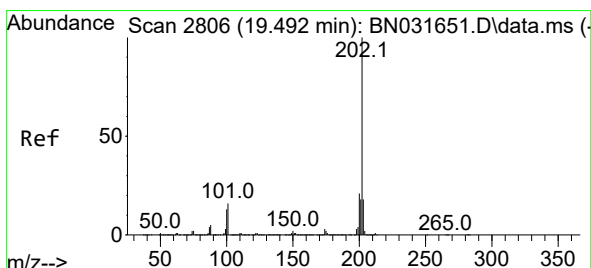
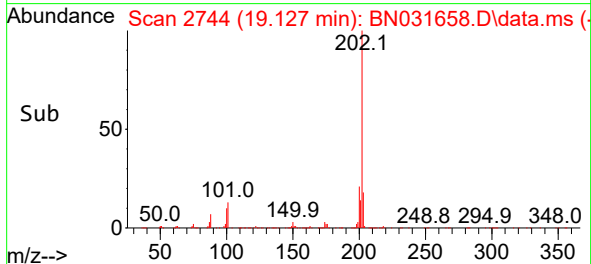
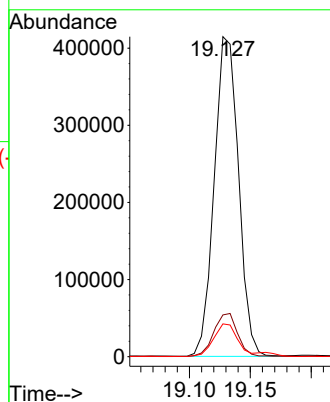
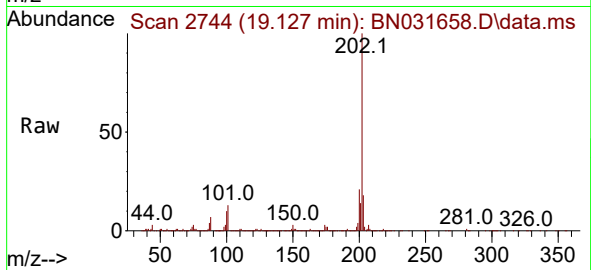




#80
Fluoranthene
Concen: 5.507 ng/ul
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031658.D
Acq: 24 May 2024 13:01

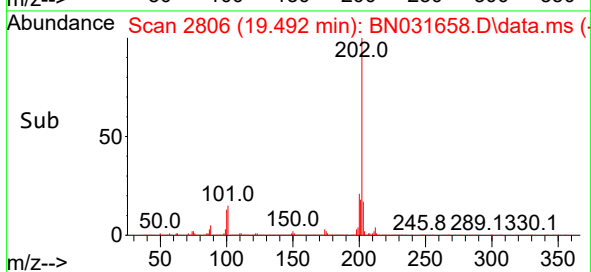
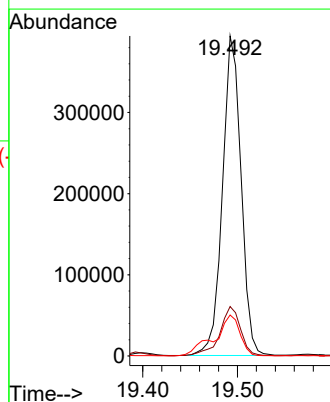
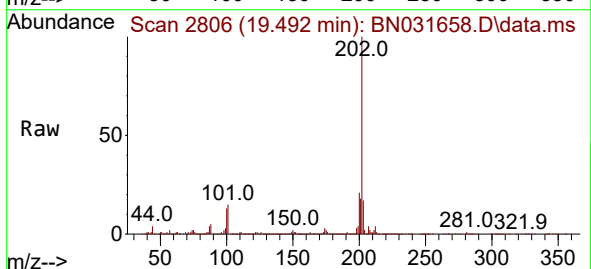
Instrument :
BNA_N
ClientSampleId :
BH5Y6

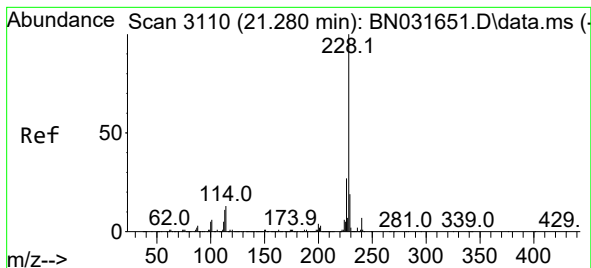
Tgt Ion:202 Resp: 575291
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 10.3 8.0 12.0



#82
Pyrene
Concen: 5.032 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031658.D
Acq: 24 May 2024 13:01

Tgt Ion:202 Resp: 539081
Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.2
100 12.8 9.3 13.9





#85

Benzo(a)anthracene

Concen: 3.451 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

Instrument :

BNA_N

ClientSampleId :

BH5Y6

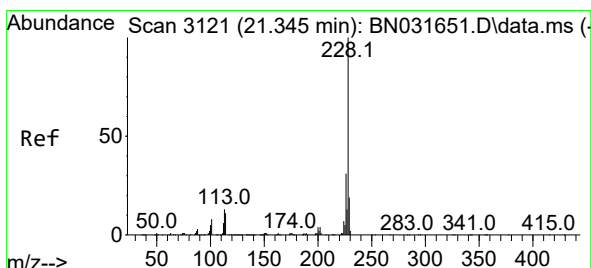
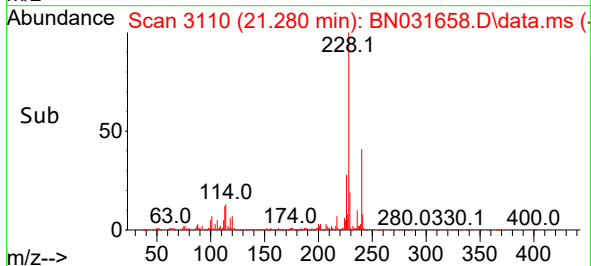
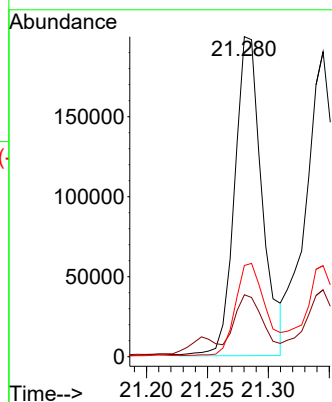
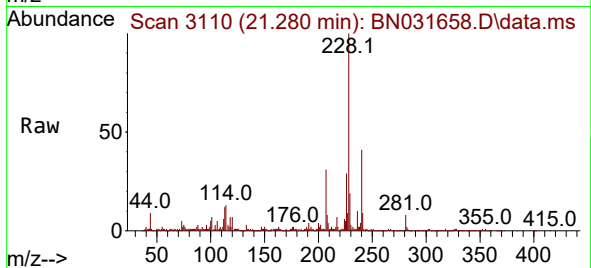
Tgt Ion:228 Resp: 312673

Ion Ratio Lower Upper

228 100

229 19.4 15.7 23.5

226 28.5 21.9 32.9



#87

Chrysene

Concen: 3.724 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

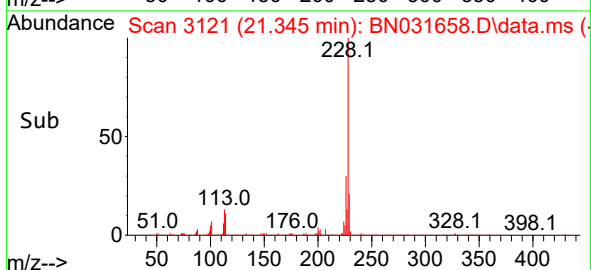
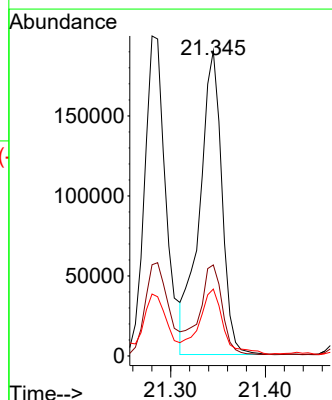
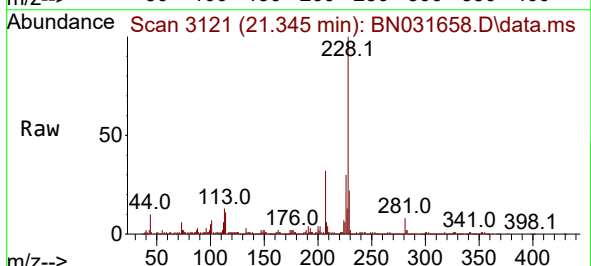
Tgt Ion:228 Resp: 311681

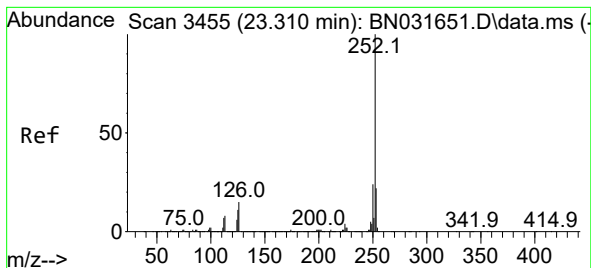
Ion Ratio Lower Upper

228 100

226 29.8 22.9 34.3

229 21.9 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 4.530 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

Instrument :

BNA_N

ClientSampleId :

BH5Y6

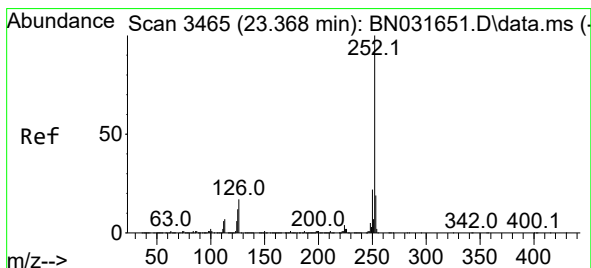
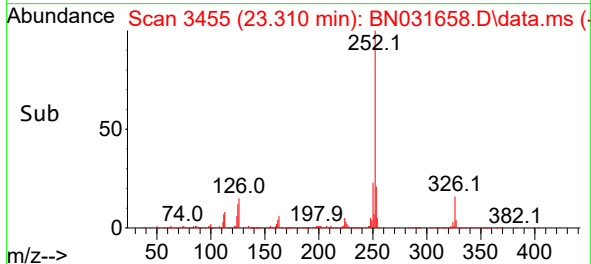
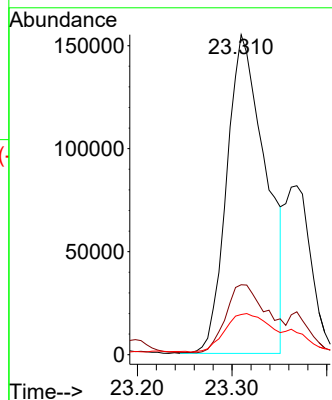
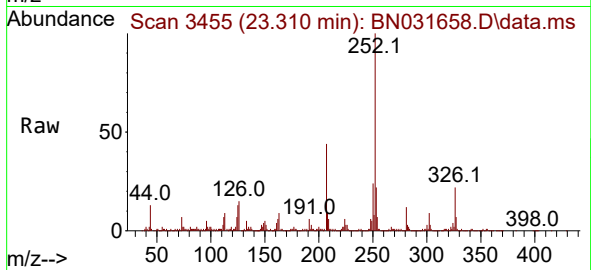
Tgt Ion:252 Resp: 441796

Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 12.6 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 4.444 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.059 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

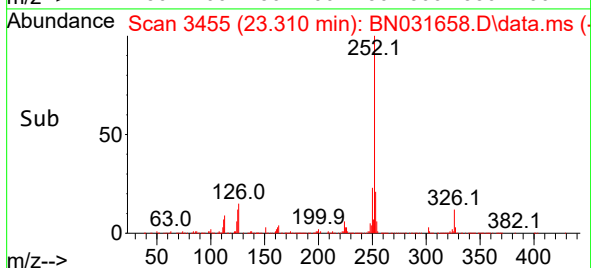
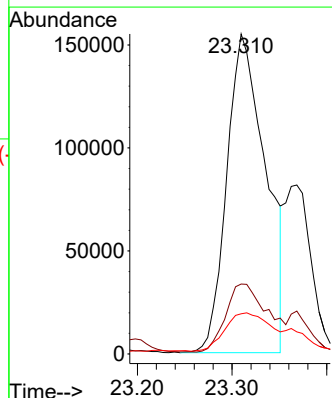
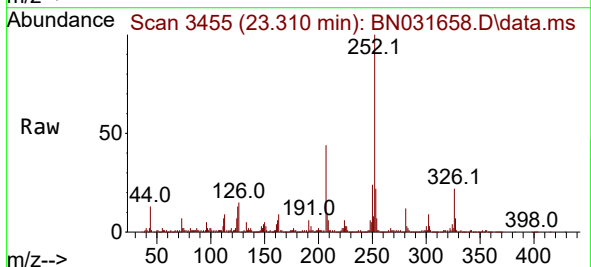
Tgt Ion:252 Resp: 441796

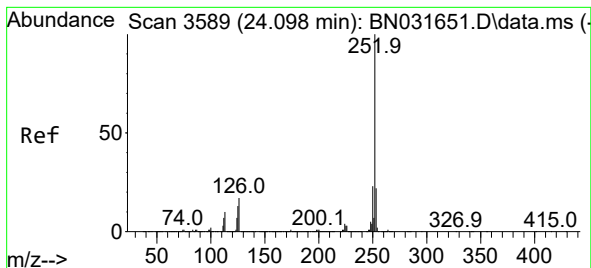
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 12.6 9.3 13.9





#93

Benzo(a)pyrene

Concen: 3.430 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

Instrument :

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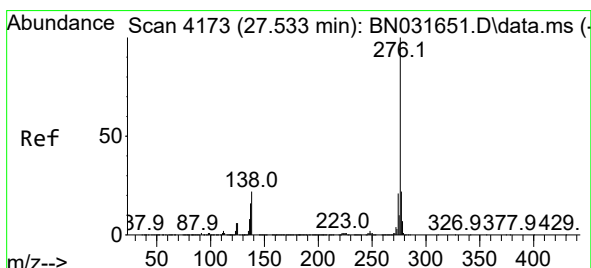
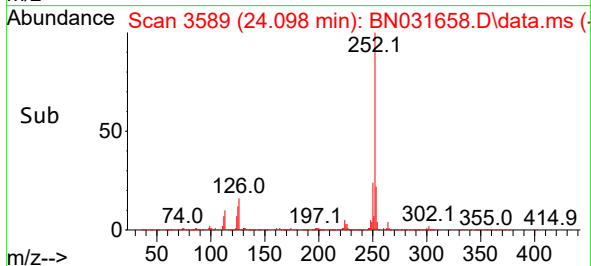
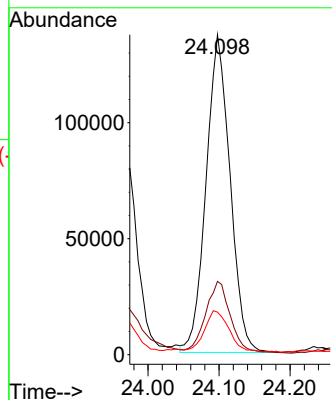
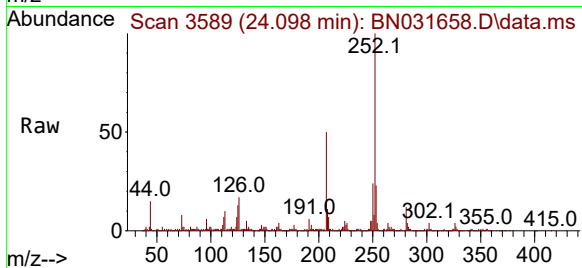
Tgt Ion:252 Resp: 321321

Ion Ratio Lower Upper

252 100

253 22.9 16.6 24.8

125 13.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.032 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BN031658.D

Acq: 24 May 2024 13:01

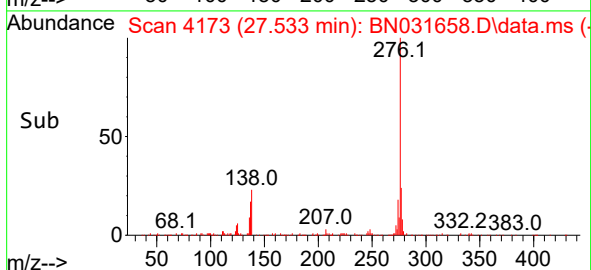
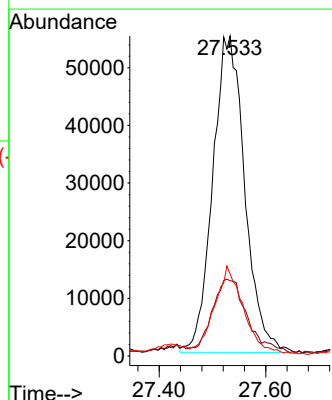
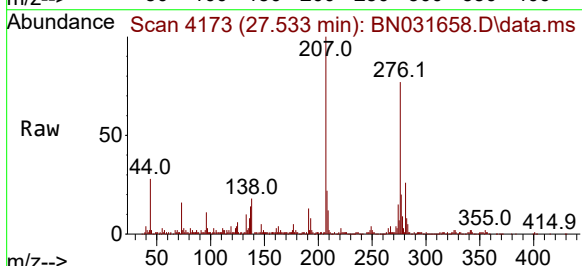
Tgt Ion:276 Resp: 228452

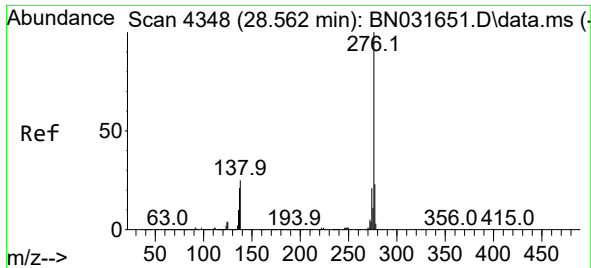
Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.6

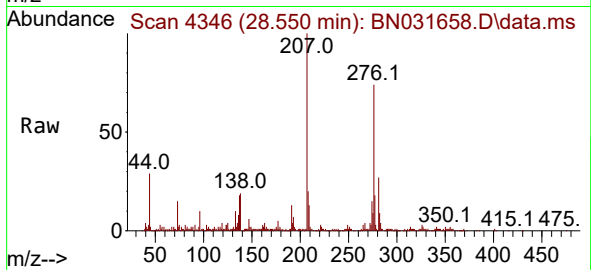
277 25.6 18.2 27.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.435 ng/ul
 RT: 28.550 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN031658.D
 Acq: 24 May 2024 13:01

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	276	Resp:	226250
Ion Ratio	Lower	Upper	
276	100		
138	25.3	19.5	29.3
277	23.7	17.6	26.4

