

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031937.D
 Acq On : 12 Jun 2024 12:06
 Operator : MA/JU
 Sample : P2678-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH675

Quant Time: Jun 12 22:52:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

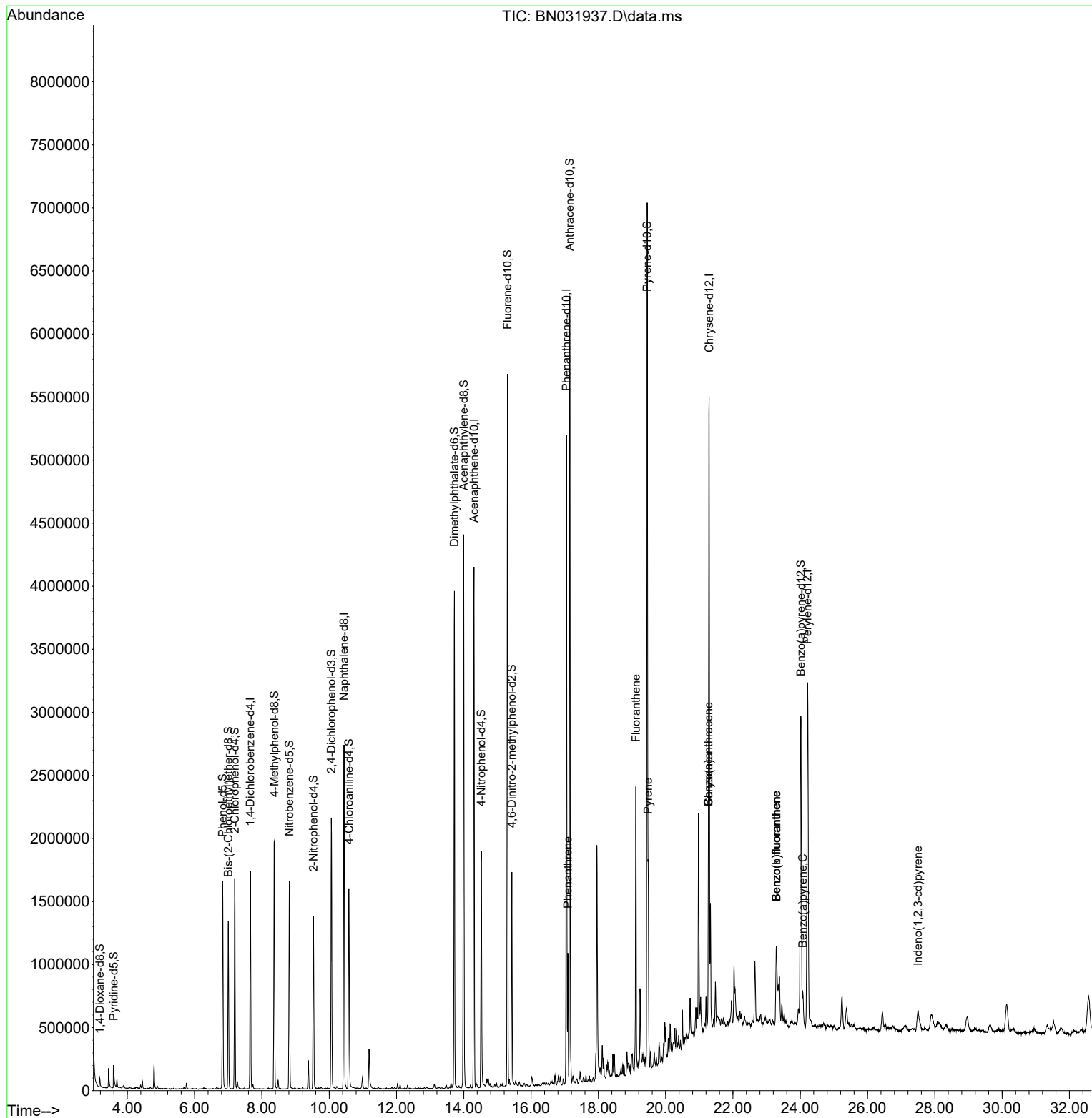
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	488792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	2275572	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1487998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	3047139	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	2510921	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	2401239	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44697	3.783	ng/uL	0.00
4) Pyridine-d5	3.593	84	106622	3.206	ng/u1	0.01
7) Phenol-d5	6.834	99	1016617	24.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	583886	23.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	814244	25.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	810816	23.738	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	438807	25.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	472311	26.279	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	824633	24.577	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	949099	19.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2709704	26.140	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	3041499	25.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	486248	23.427	ng/u1	0.00
60) Fluorene-d10	15.298	176	2264570	25.818	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	356365	23.267	ng/u1	0.00
73) Anthracene-d10	17.151	188	3492528	26.772	ng/u1	0.00
81) Pyrene-d10	19.451	212	3671797	27.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2251044	19.632	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	588468	3.791	ng/u1	98
80) Fluoranthene	19.116	202	1237223	7.705	ng/u1	98
82) Pyrene	19.480	202	924590	5.612	ng/u1	100
85) Benzo(a)anthracene	21.269	228	569767	3.390	ng/u1	96
87) Chrysene	21.269	228	566925	3.611	ng/u1	96
90) Benzo(b)fluoranthene	23.292	252	641226	4.468	ng/u1	99
91) Benzo(k)fluoranthene	23.292	252	641226	4.553	ng/u1	99
93) Benzo(a)pyrene	24.074	252	252320	1.877	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.498	276	213454	1.378	ng/u1	96

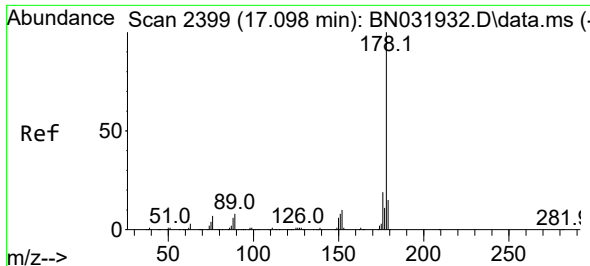
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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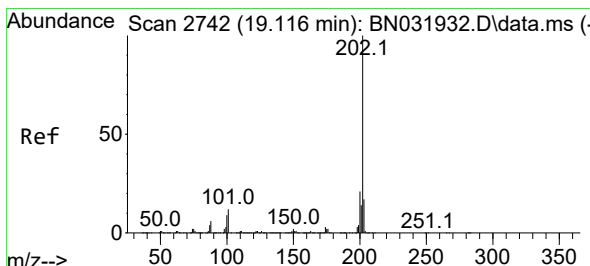
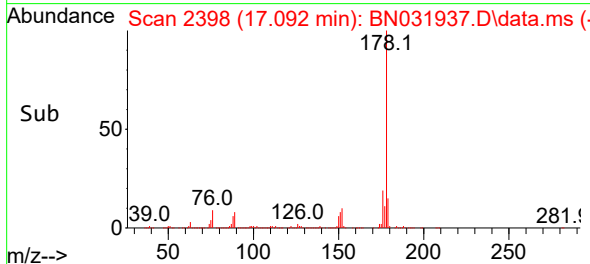
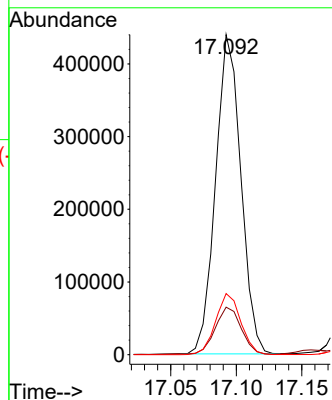
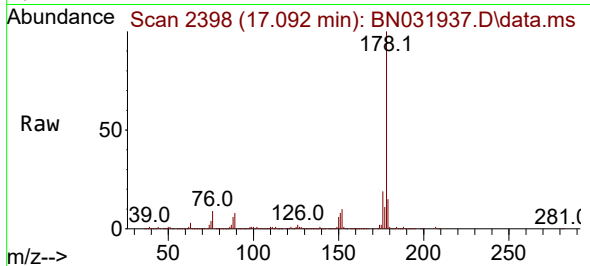




#72
Phenanthrene
Concen: 3.791 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

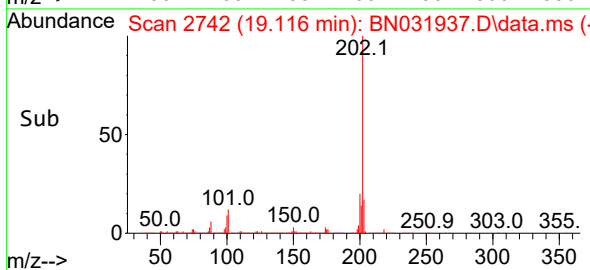
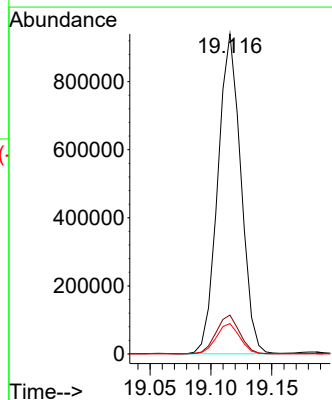
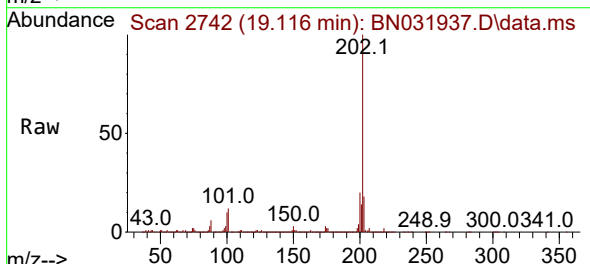
Instrument :
BNA_N
ClientSampleId :
BH675

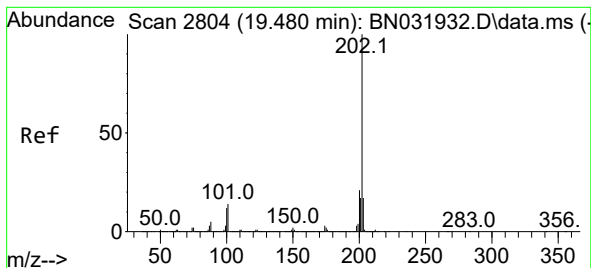
Tgt Ion:178 Resp: 588468
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 19.1 15.8 23.6



#80
Fluoranthene
Concen: 7.705 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031937.D
Acq: 12 Jun 2024 12:06

Tgt Ion:202 Resp: 1237223
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.5 8.0 12.0





#82

Pyrene

Concen: 5.612 ng/ul

RT: 19.480 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

Instrument :

BNA_N

ClientSampleId :

BH675

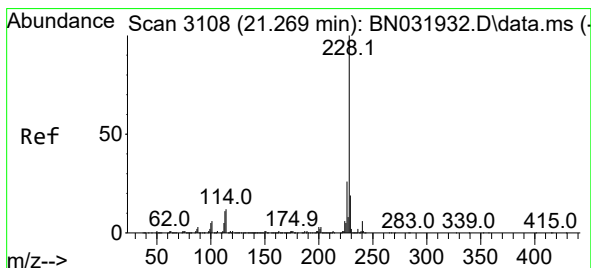
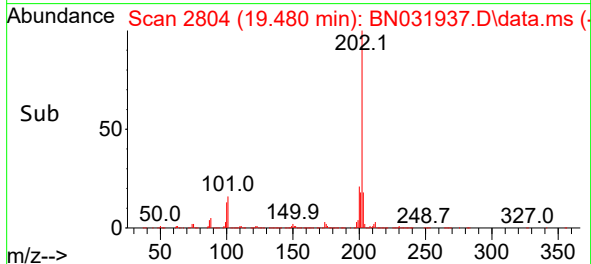
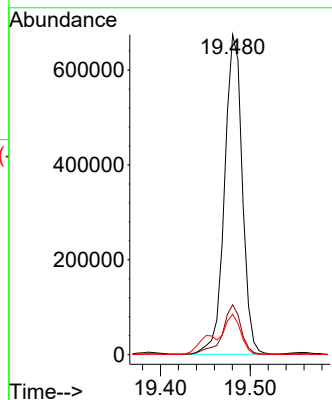
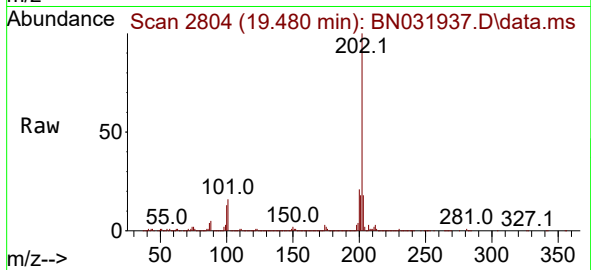
Tgt Ion:202 Resp: 924590

Ion Ratio Lower Upper

202 100

101 15.6 12.6 18.8

100 12.6 10.2 15.2



#85

Benzo(a)anthracene

Concen: 3.390 ng/ul

RT: 21.269 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

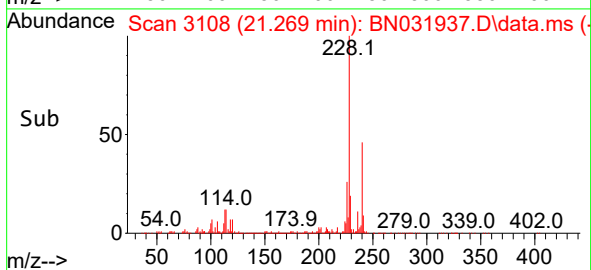
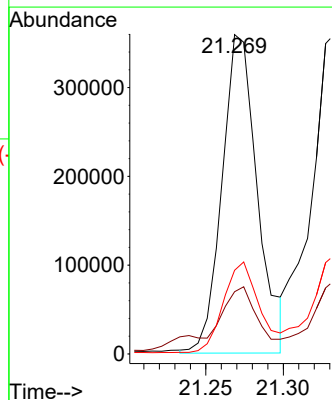
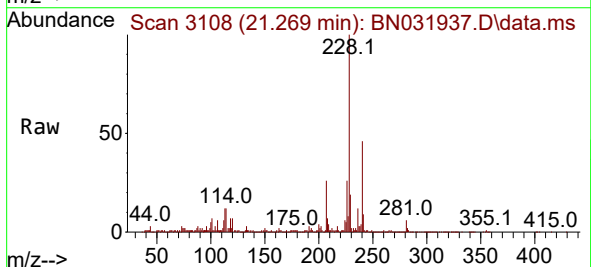
Tgt Ion:228 Resp: 569767

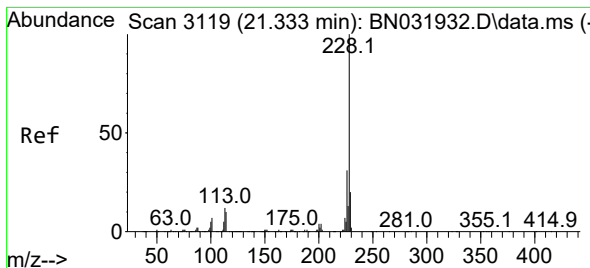
Ion Ratio Lower Upper

228 100

229 19.5 16.7 25.1

226 26.2 22.8 34.2





#87

Chrysene

Concen: 3.611 ng/ul

RT: 21.269 min Scan# 3119

Delta R.T. -0.065 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

Instrument :

BNA_N

ClientSampleId :

BH675

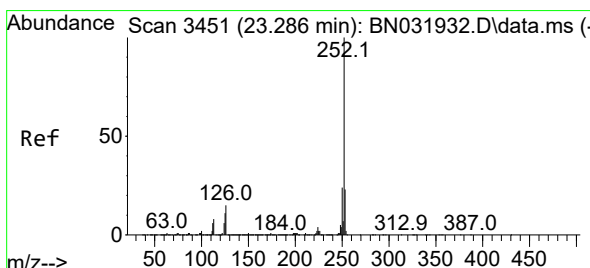
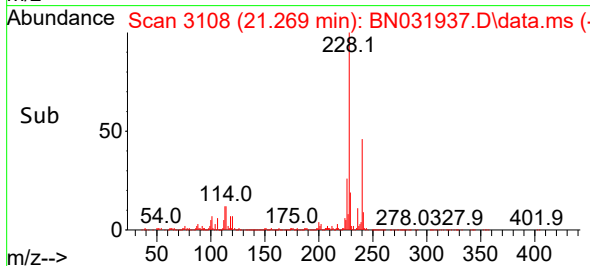
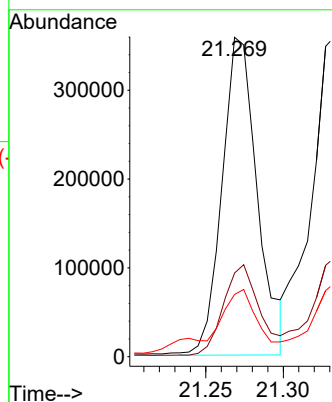
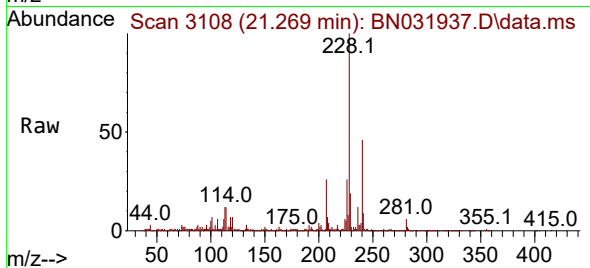
Tgt Ion:228 Resp: 566925

Ion Ratio Lower Upper

228 100

226 26.2 23.7 35.5

229 19.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 4.468 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. 0.000 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

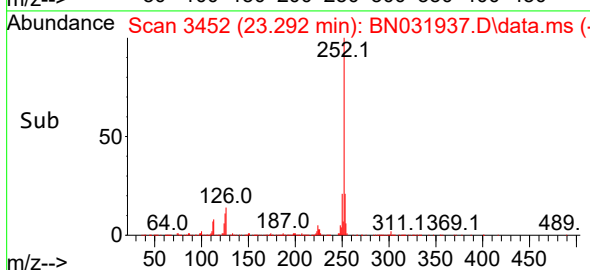
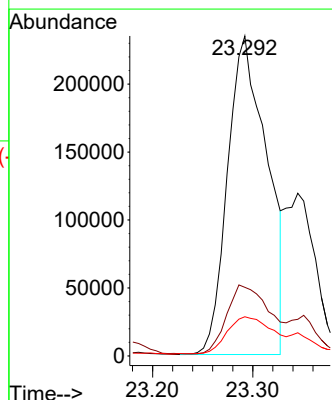
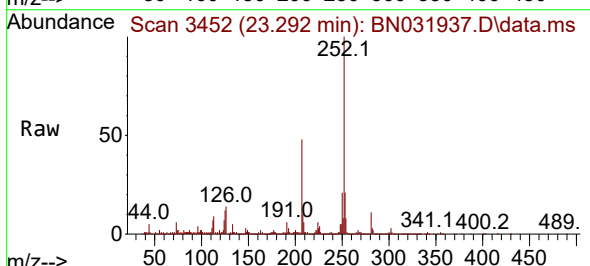
Tgt Ion:252 Resp: 641226

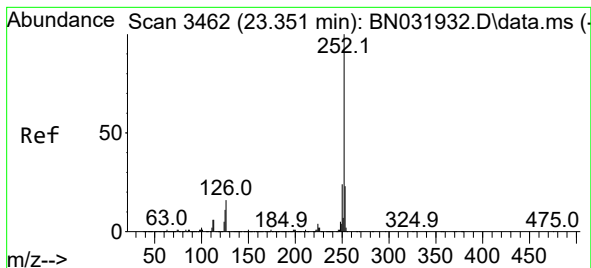
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 12.3 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 4.553 ng/ul

RT: 23.292 min Scan# 3462

Delta R.T. -0.059 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

Instrument :

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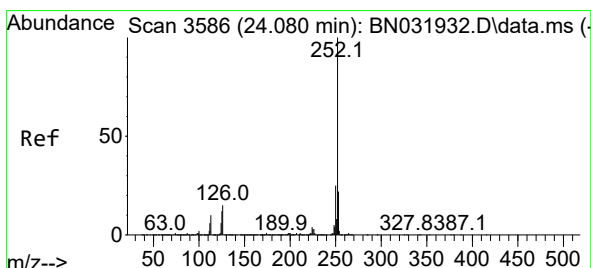
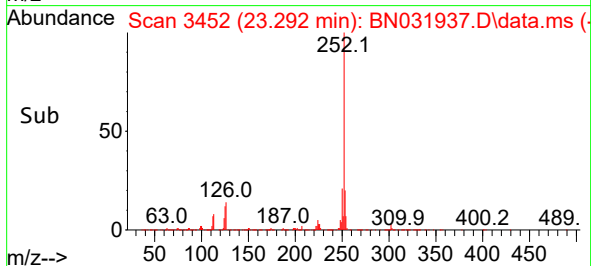
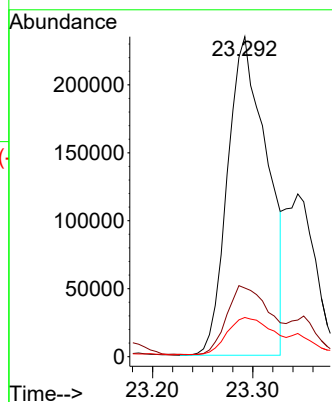
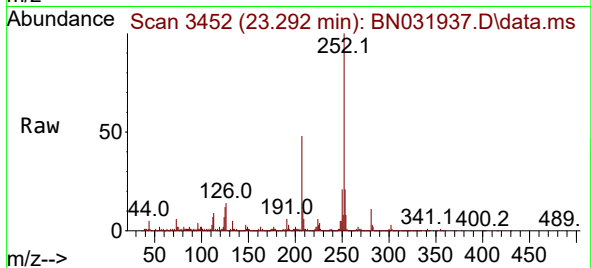
Tgt Ion:252 Resp: 641226

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 12.3 9.4 14.2



#93

Benzo(a)pyrene

Concen: 1.877 ng/ul

RT: 24.074 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN031937.D

Acq: 12 Jun 2024 12:06

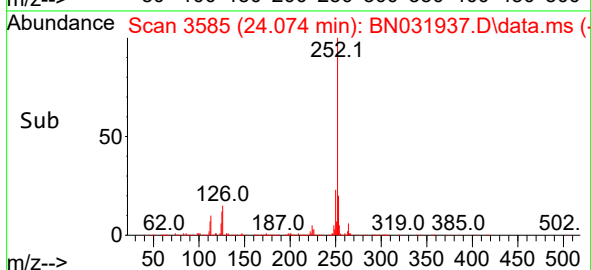
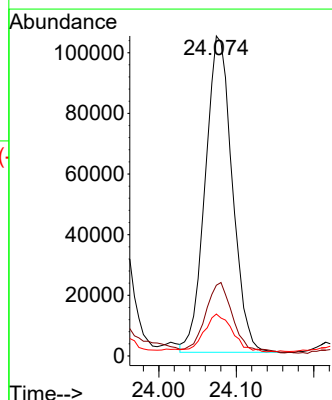
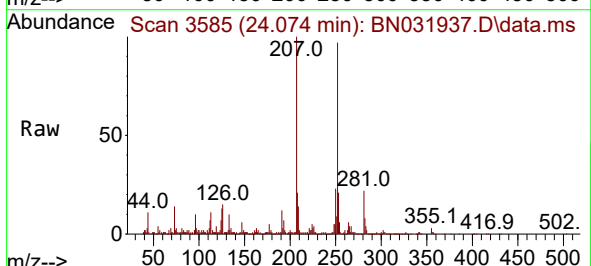
Tgt Ion:252 Resp: 252320

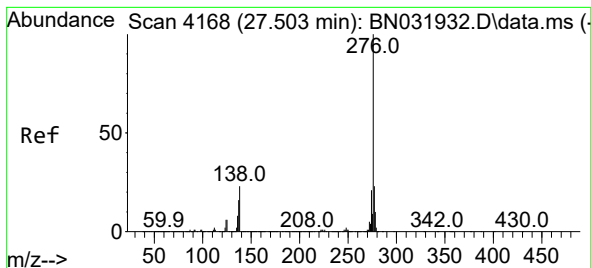
Ion Ratio Lower Upper

252 100

253 22.1 16.6 24.8

125 13.1 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.378 ng/ul

RT: 27.498 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN031937.D

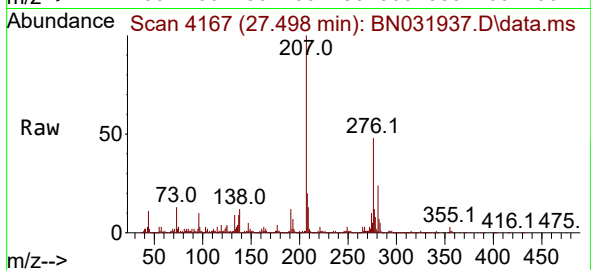
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Tgt Ion:276 Resp: 213454

Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

277 25.0 18.2 27.2

