

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031930.D
 Acq On : 12 Jun 2024 04:09
 Operator : MA/JU
 Sample : P2659-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC33

Quant Time: Jun 12 04:42:54 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

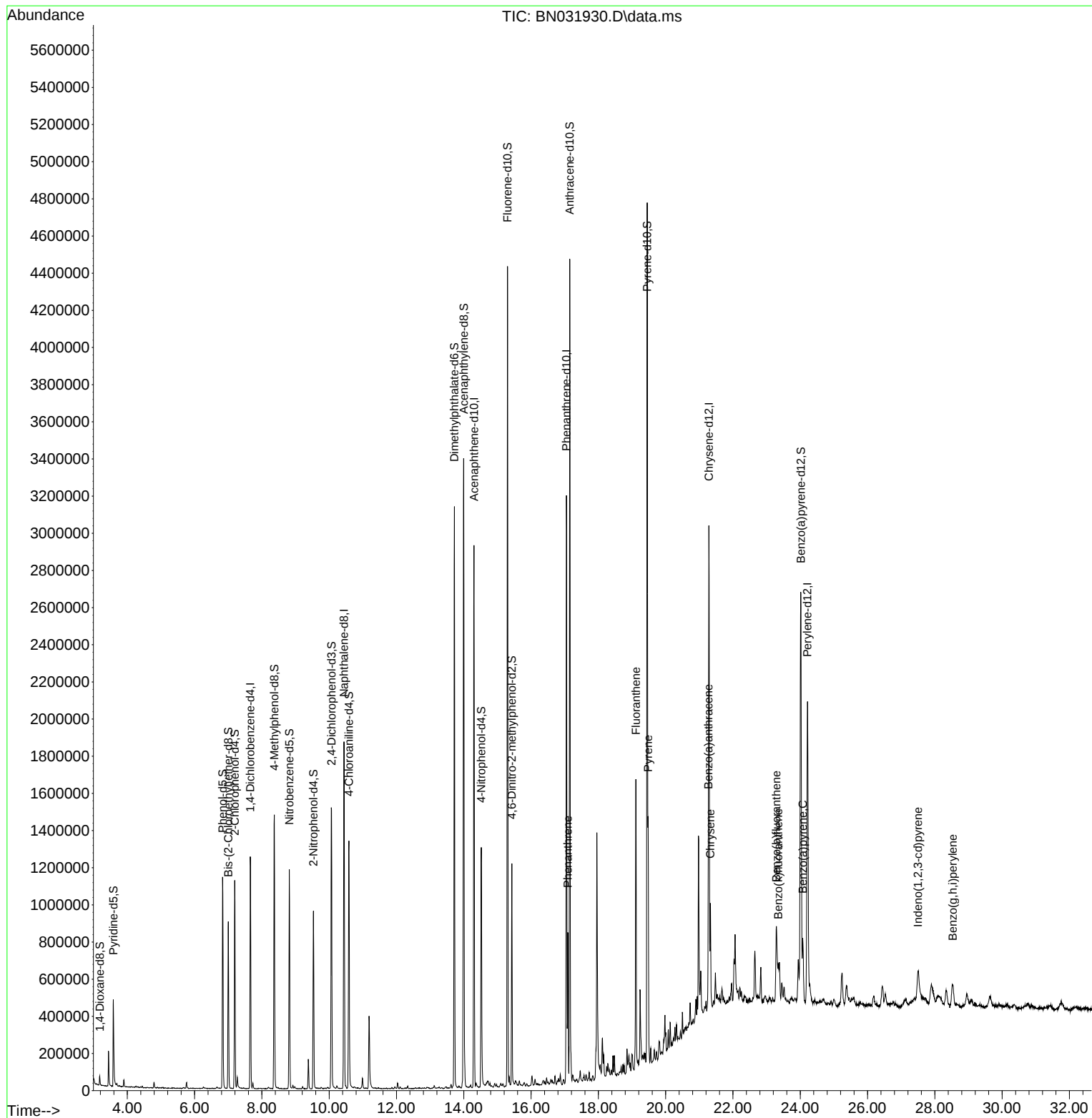
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	353381	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1585257	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1011303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1917016	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1275115	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1398723	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	24858	2.910	ng/uL	0.00
4) Pyridine-d5	3.587	84	276763	11.510	ng/u1	0.00
7) Phenol-d5	6.834	99	700033	23.107	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	383633	21.650	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	539439	23.337	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	602152	24.384	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	300126	24.761	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	326855	26.105	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	604476	25.860	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	783138	22.565	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2056459	29.189	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2300736	28.400	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	324950	23.036	ng/u1	0.00
60) Fluorene-d10	15.298	176	1686576	28.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	245681	25.497	ng/u1	0.00
73) Anthracene-d10	17.151	188	2381286	29.015	ng/u1	0.00
81) Pyrene-d10	19.451	212	2397255	35.133	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2005712	30.030	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	482453	4.940	ng/u1	99
80) Fluoranthene	19.116	202	873040	10.706	ng/u1	98
82) Pyrene	19.480	202	759335	9.076	ng/u1	96
85) Benzo(a)anthracene	21.268	228	324937	3.807	ng/u1	99
87) Chrysene	21.327	228	356957	4.478	ng/u1	96
90) Benzo(b)fluoranthene	23.292	252	474494	5.675	ng/u1	98
91) Benzo(k)fluoranthene	23.345	252	120481	1.469	ng/u1	99
93) Benzo(a)pyrene	24.074	252	308079	3.934	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.498	276	225962	2.504	ng/u1	96
96) Benzo(g,h,i)perylene	28.533	276	206693	2.882	ng/u1	98

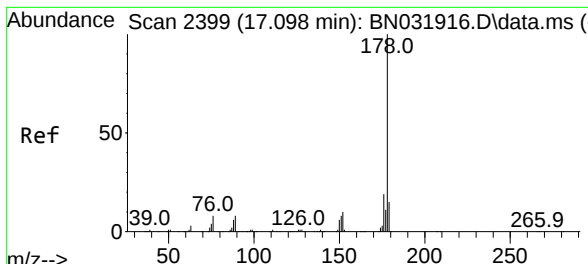
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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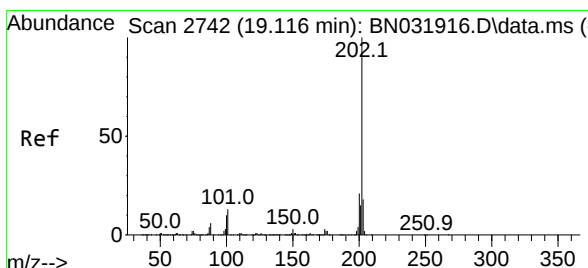
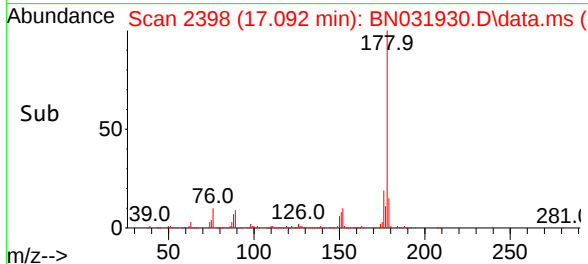
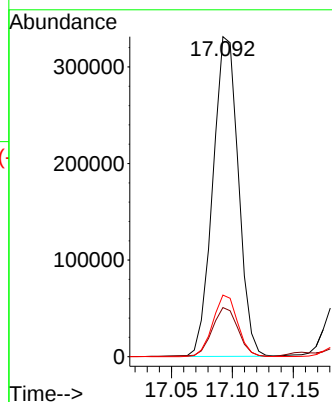
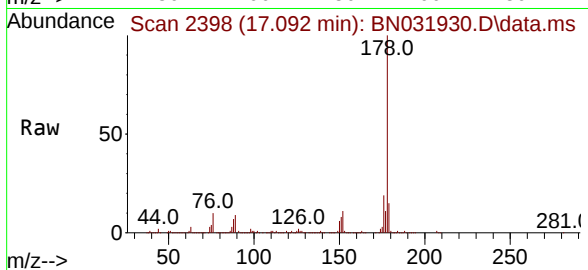




#72
 Phenanthrene
 Concen: 4.940 ng/ul
 RT: 17.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031930.D
 Acq: 12 Jun 2024 04:09

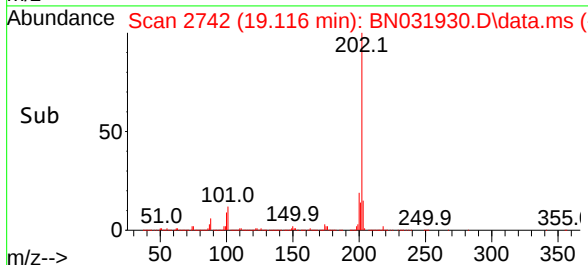
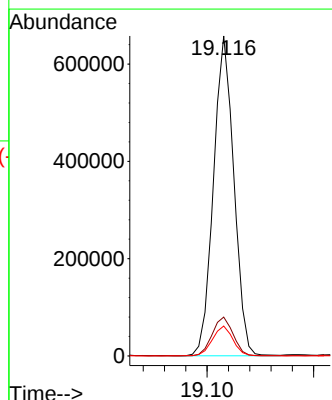
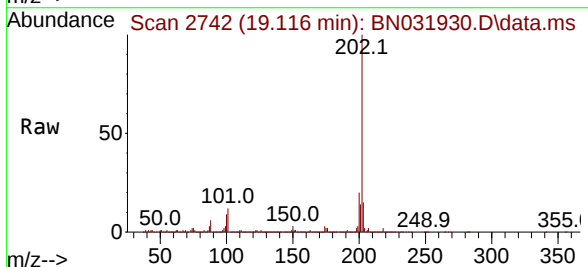
Instrument :
 BNA_N
 ClientSampleId :
 BHC33

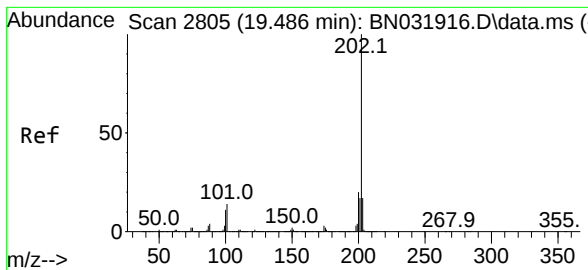
Tgt Ion:178 Resp: 482453
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 19.0
 176 19.2 15.8 23.6



#80
 Fluoranthene
 Concen: 10.706 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: BN031930.D
 Acq: 12 Jun 2024 04:09

Tgt Ion:202 Resp: 873040
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.3 15.5
 100 9.4 8.0 12.0





#82

Pyrene

Concen: 9.076 ng/ul

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

Instrument :

BNA_N

ClientSampleId :

BHC33

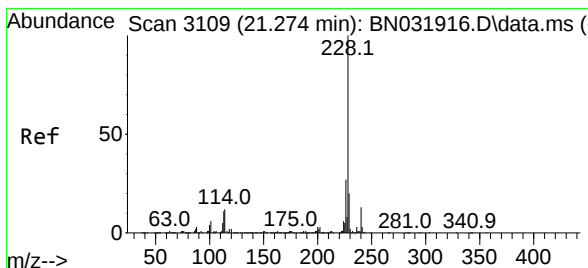
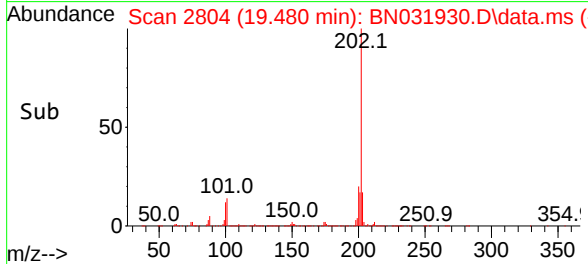
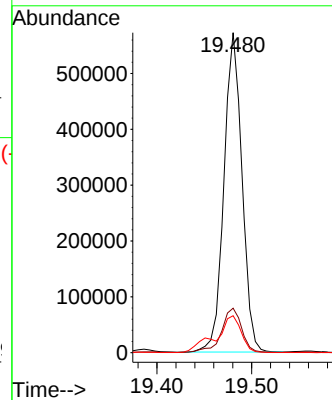
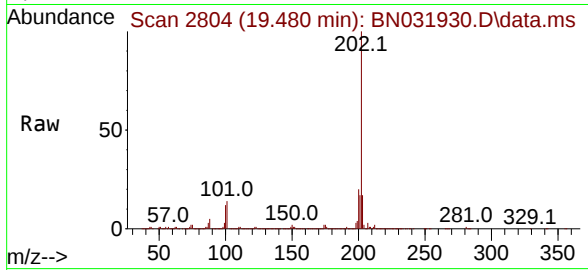
Tgt Ion:202 Resp: 759335

Ion Ratio Lower Upper

202 100

101 13.9 12.6 18.8

100 11.6 10.2 15.2



#85

Benzo(a)anthracene

Concen: 3.807 ng/ul

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

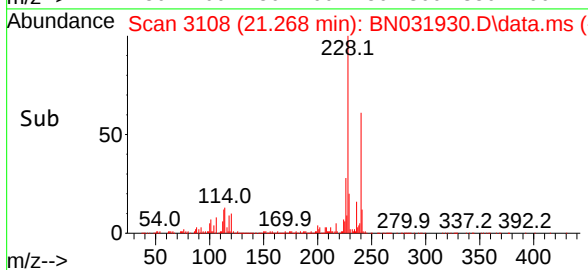
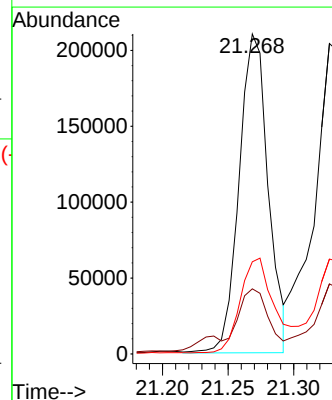
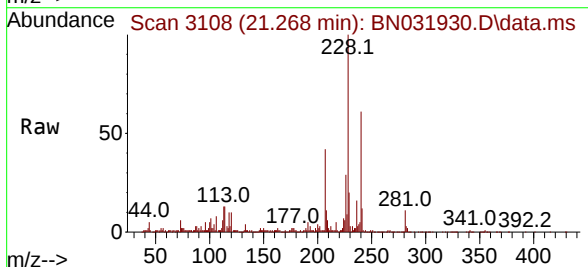
Tgt Ion:228 Resp: 324937

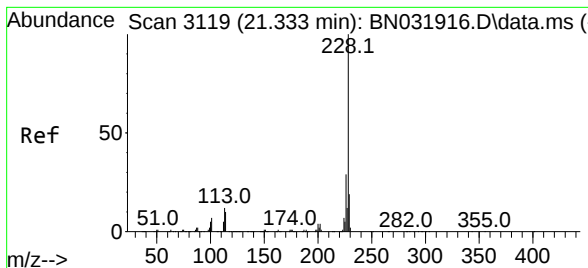
Ion Ratio Lower Upper

228 100

229 20.3 16.7 25.1

226 28.8 22.8 34.2





#87

Chrysene

Concen: 4.478 ng/ul

RT: 21.327 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

Instrument :

BNA_N

ClientSampleId :

BHC33

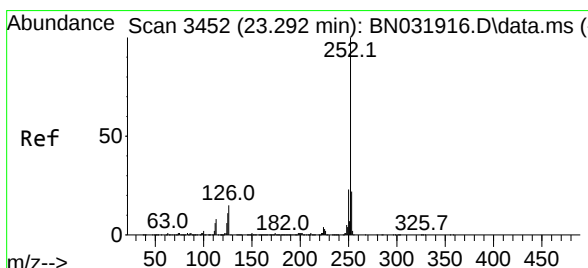
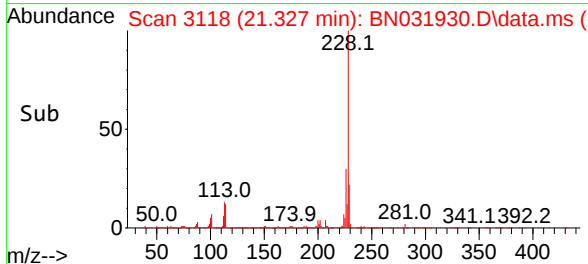
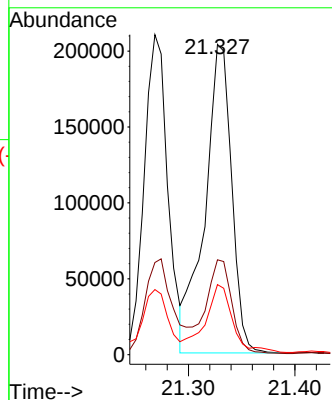
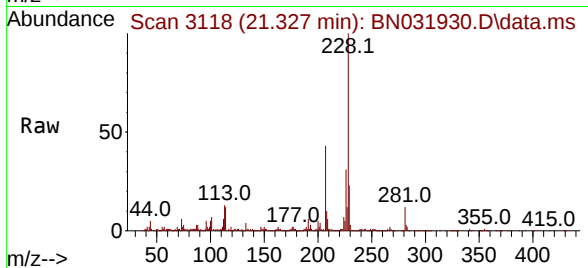
Tgt Ion:228 Resp: 356957

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 22.6 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 5.675 ng/ul

RT: 23.292 min Scan# 3452

Delta R.T. -0.000 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

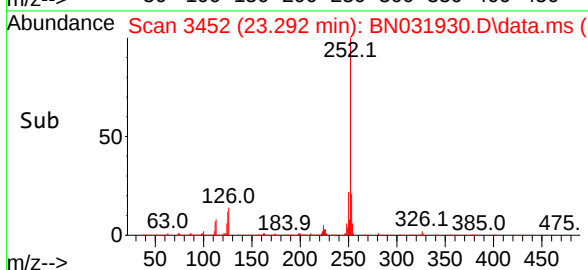
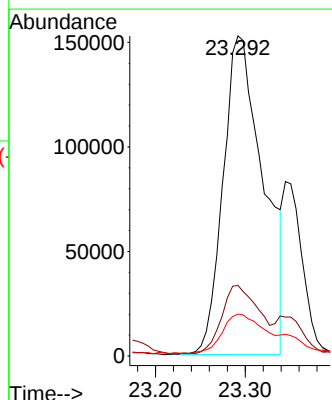
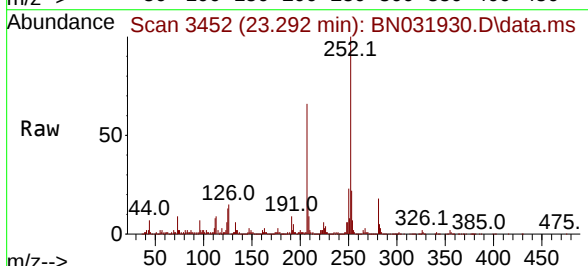
Tgt Ion:252 Resp: 474494

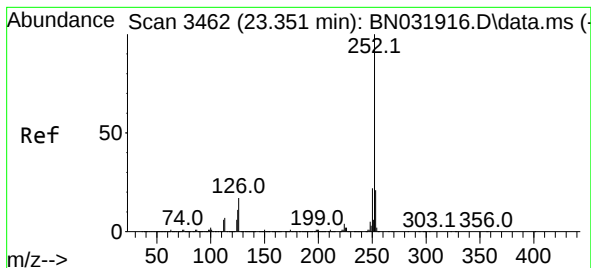
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 13.1 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 1.469 ng/ul

RT: 23.345 min Scan# 3462

Delta R.T. -0.006 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

Instrument :

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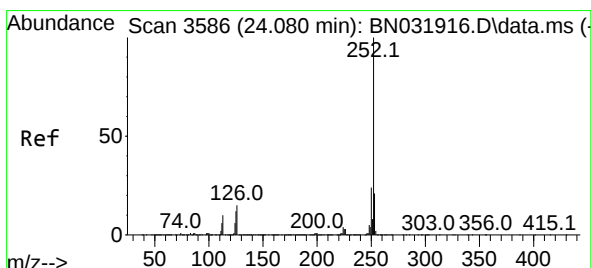
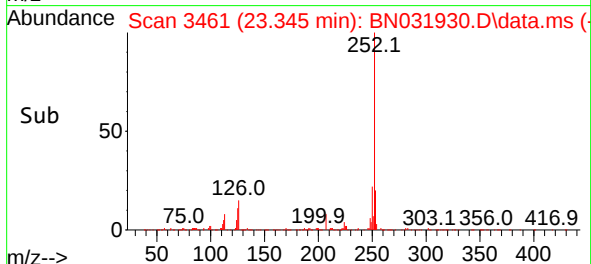
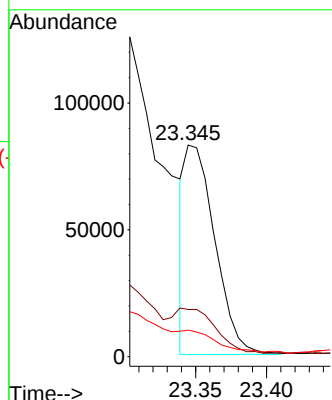
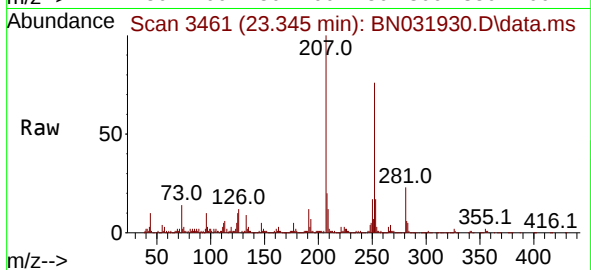
Tgt Ion:252 Resp: 120481

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.5 9.4 14.2



#93

Benzo(a)pyrene

Concen: 3.934 ng/ul

RT: 24.074 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN031930.D

Acq: 12 Jun 2024 04:09

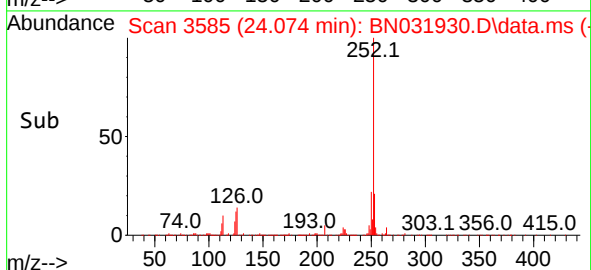
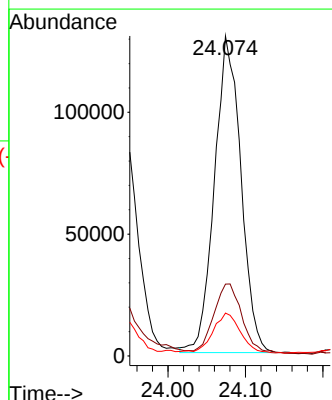
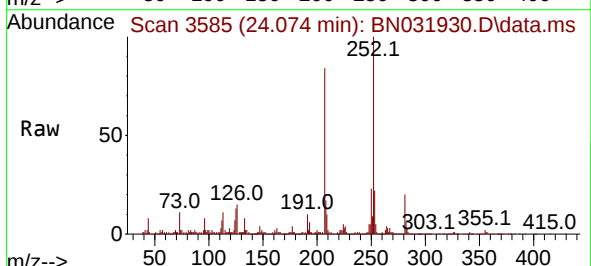
Tgt Ion:252 Resp: 308079

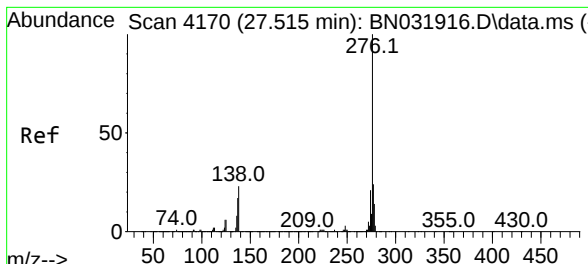
Ion Ratio Lower Upper

252 100

253 22.4 16.6 24.8

125 13.4 9.8 14.8

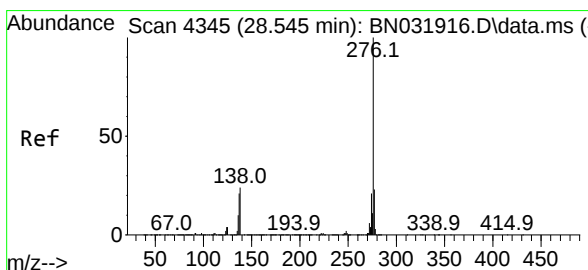
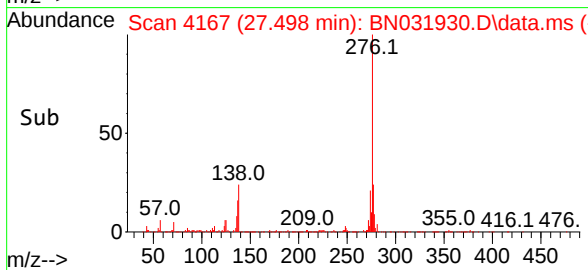
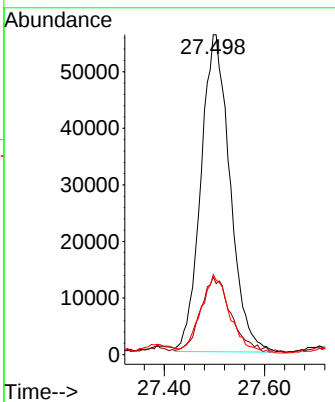
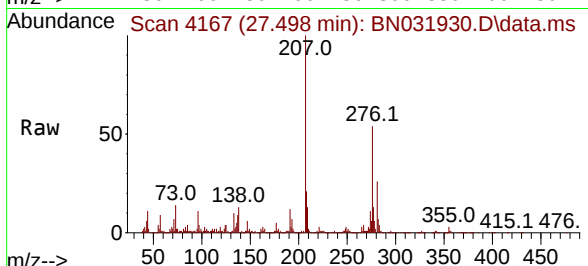




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.504 ng/ul
 RT: 27.498 min Scan# 4167
 Delta R.T. -0.018 min
 Lab File: BN031930.D
 Acq: 12 Jun 2024 04:09

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Tgt Ion:	276	Resp:	225962
Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.1	27.1
277	25.0	18.2	27.2



#96
 Benzo(g,h,i)perylene
 Concen: 2.882 ng/ul
 RT: 28.533 min Scan# 4343
 Delta R.T. -0.012 min
 Lab File: BN031930.D
 Acq: 12 Jun 2024 04:09

Tgt Ion:	276	Resp:	206693
Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.9	31.3
277	21.8	18.0	27.0

