

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031798.D
 Acq On : 05 Jun 2024 13:48
 Operator : MA/JU
 Sample : P2623-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ9

Quant Time: Jun 05 14:19:48 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

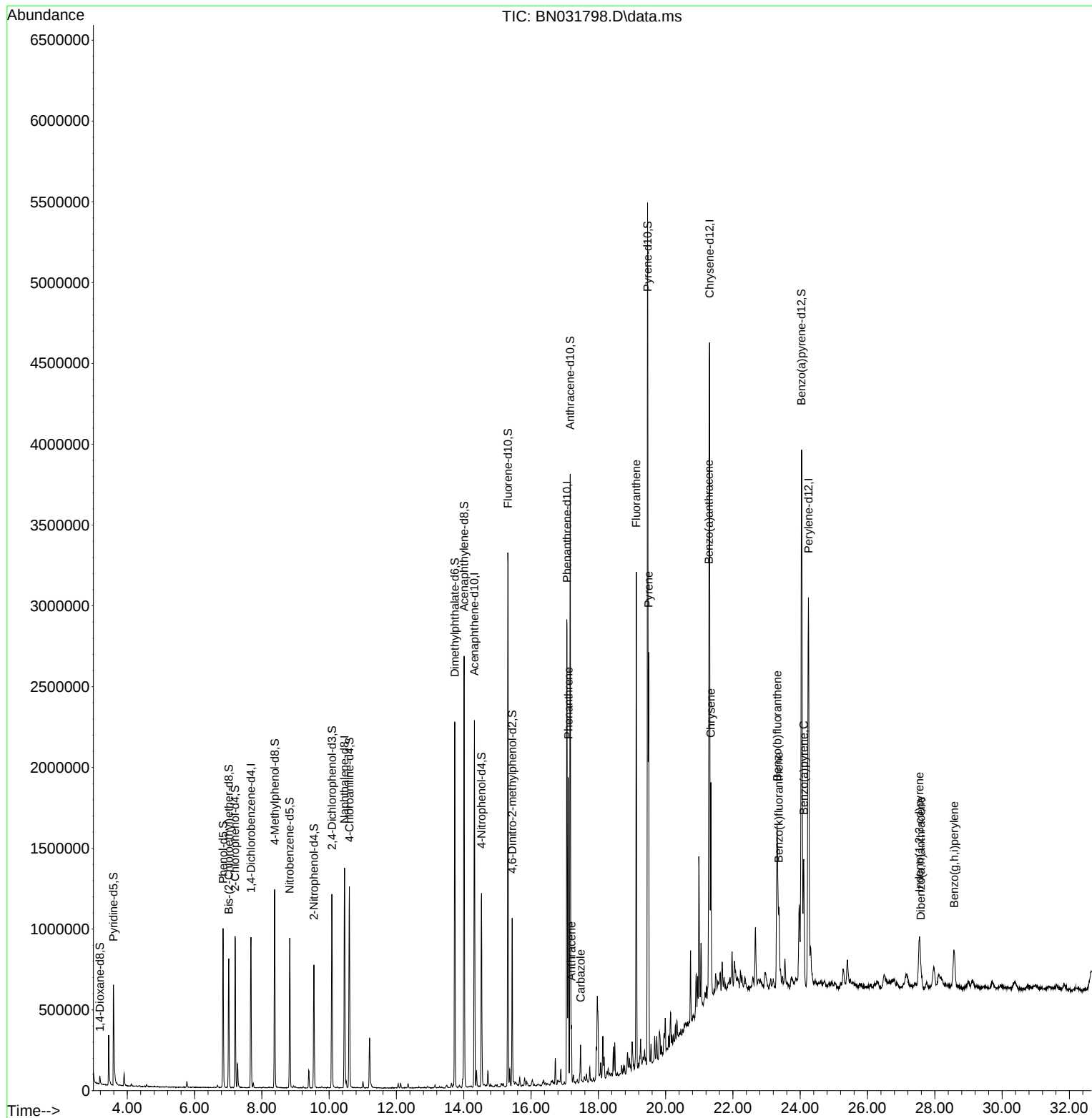
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	262337	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1166215	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	799976	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.069	188	1732960	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1821670	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2179232	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	30467	4.805	ng/uL	-0.01
4) Pyridine-d5	3.587	84	427537	23.951	ng/u1	-0.01
7) Phenol-d5	6.846	99	623698	27.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	347333	26.404	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	477071	27.801	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	493470	26.918	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	250571	28.101	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	271188	29.442	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	460611	26.786	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	696059	27.263	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1564804	28.078	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	1779705	27.772	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	304655	27.302	ng/u1	0.00
60) Fluorene-d10	15.310	176	1322162	28.039	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	212058	24.345	ng/u1	0.00
73) Anthracene-d10	17.163	188	2066555	27.854	ng/u1	0.00
81) Pyrene-d10	19.463	212	2567789	26.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2920703	28.068	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	1127865	12.776	ng/u1	100
74) Anthracene	17.198	178	214432	2.397	ng/u1	98
77) Carbazole	17.475	167	144126	1.890	ng/u1	96
80) Fluoranthene	19.128	202	1791985	15.382	ng/u1	100
82) Pyrene	19.492	202	1463032	12.240	ng/u1	99
85) Benzo(a)anthracene	21.286	228	881964	7.233	ng/u1	96
87) Chrysene	21.345	228	807059	7.086	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1153492	8.855	ng/u1	98
91) Benzo(k)fluoranthene	23.363	252	327434	2.562	ng/u1	97
93) Benzo(a)pyrene	24.104	252	718789	5.892	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	459992	3.272	ng/u1	96
95) Dibenzo(a,h)anthracene	27.586	278	128141	1.116	ng/u1#	93
96) Benzo(g,h,i)perylene	28.574	276	387227	3.465	ng/u1	98

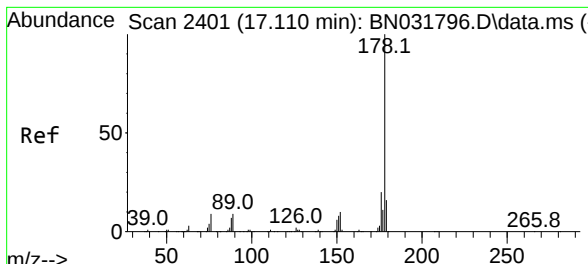
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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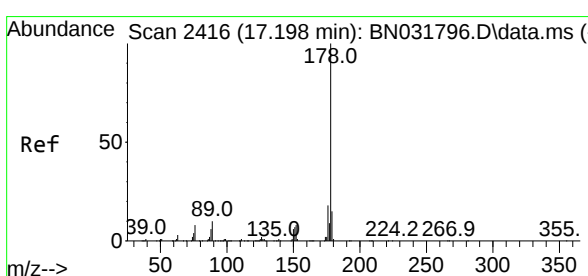
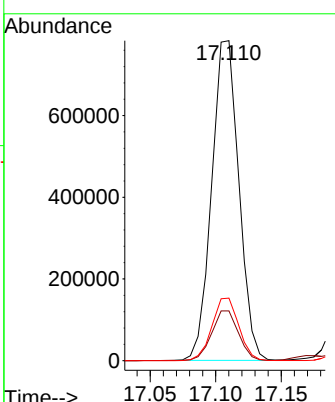
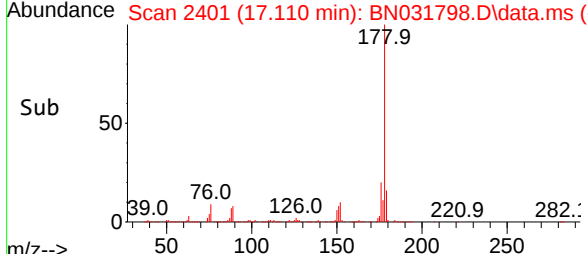
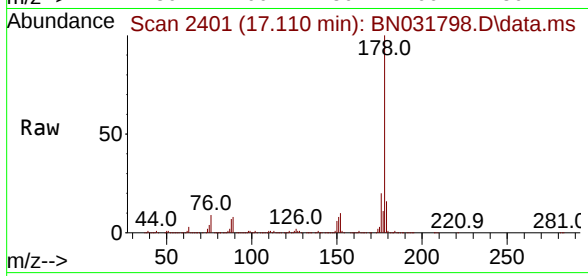


#72
 Phenanthrene
 Concen: 12.776 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031798.D
 Acq: 05 Jun 2024 13:48

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ9

Tgt Ion:178 Resp: 1127865

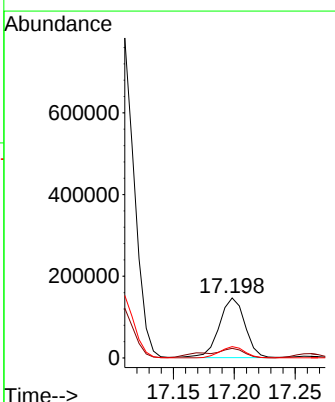
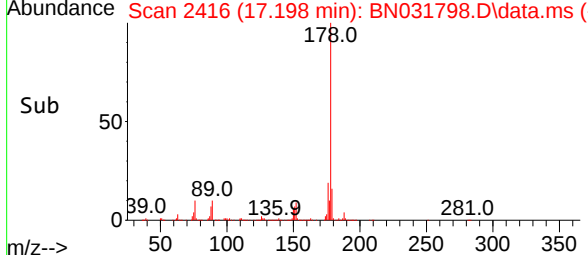
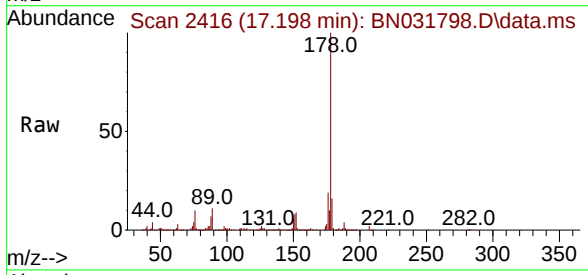
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.5	15.8	23.6

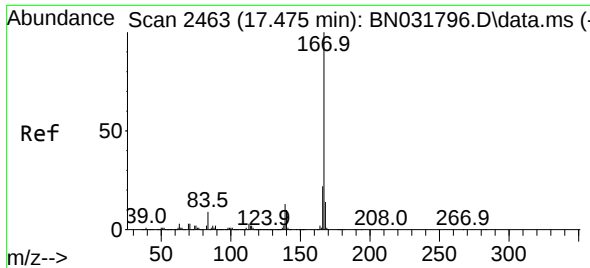


#74
 Anthracene
 Concen: 2.397 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031798.D
 Acq: 05 Jun 2024 13:48

Tgt Ion:178 Resp: 214432

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.6
176	19.0	14.8	22.2

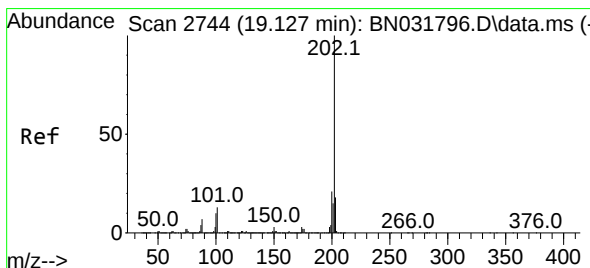
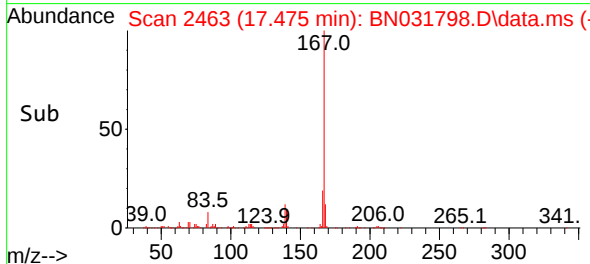
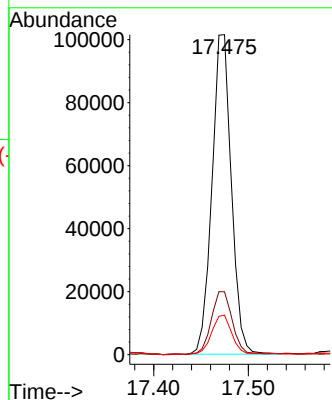
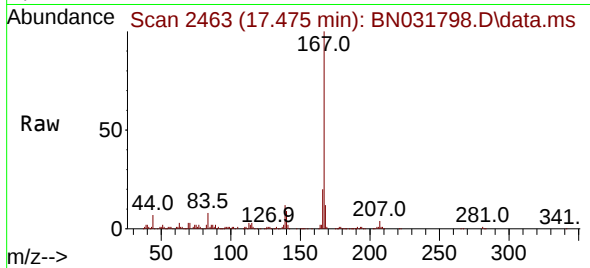




#77
 Carbazole
 Concen: 1.890 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031798.D
 Acq: 05 Jun 2024 13:48

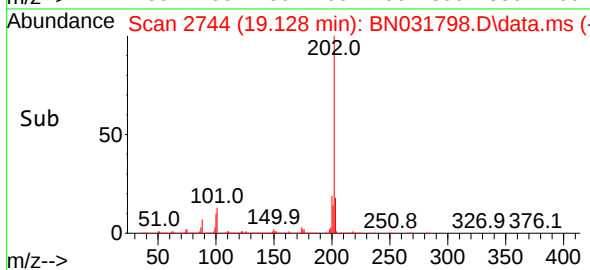
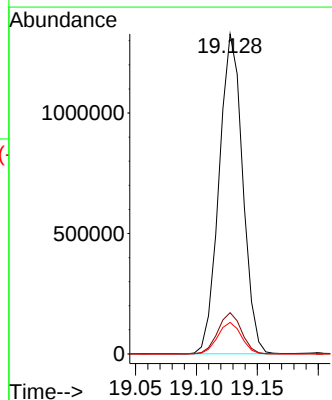
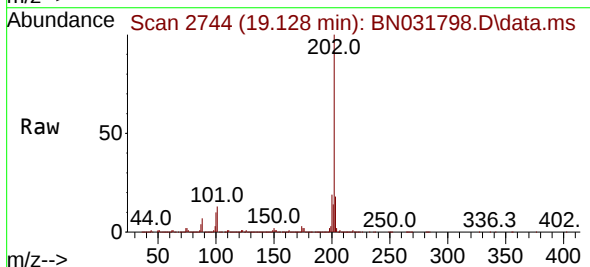
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ9

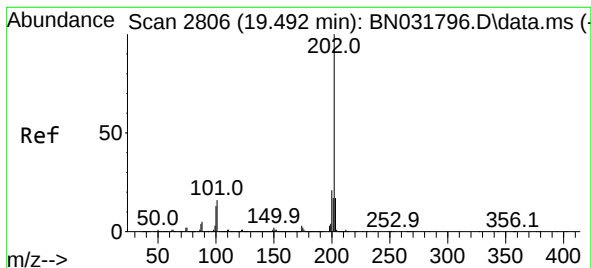
Tgt Ion:167 Resp: 144126
 Ion Ratio Lower Upper
 167 100
 166 19.7 17.9 26.9
 139 12.3 10.5 15.7



#80
 Fluoranthene
 Concen: 15.382 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031798.D
 Acq: 05 Jun 2024 13:48

Tgt Ion:202 Resp: 1791985
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.3 15.5
 100 9.9 8.0 12.0





#82

Pyrene

Concen: 12.240 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

Instrument :

BNA_N

ClientSampleId :

BHBQ9

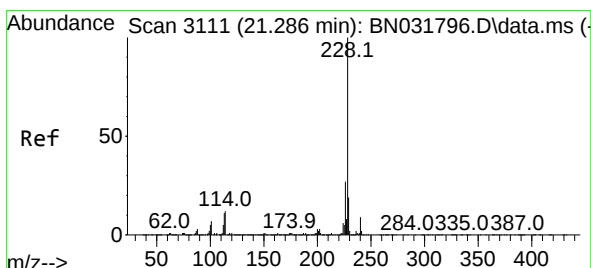
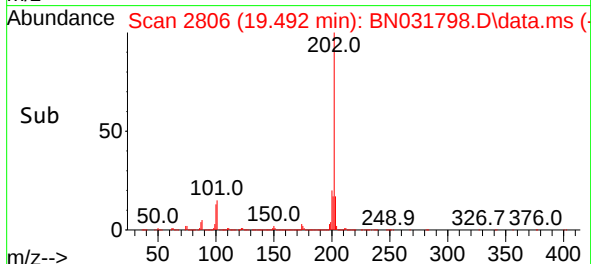
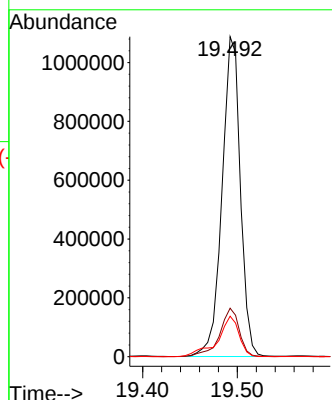
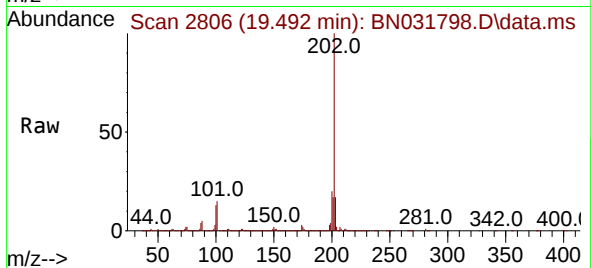
Tgt Ion:202 Resp: 1463032

Ion Ratio Lower Upper

202 100

101 15.1 12.6 18.8

100 12.7 10.2 15.2



#85

Benzo(a)anthracene

Concen: 7.233 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

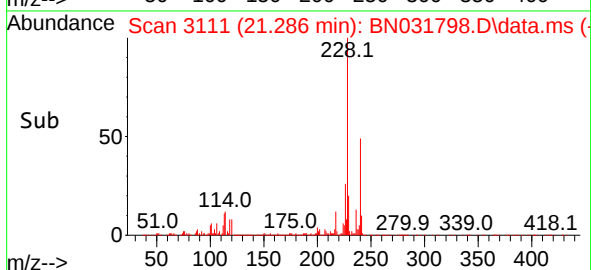
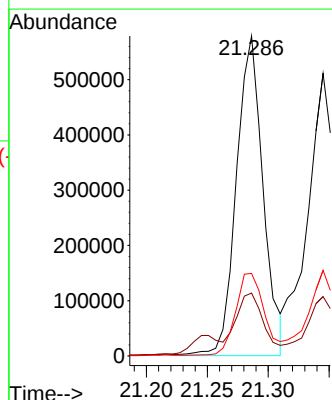
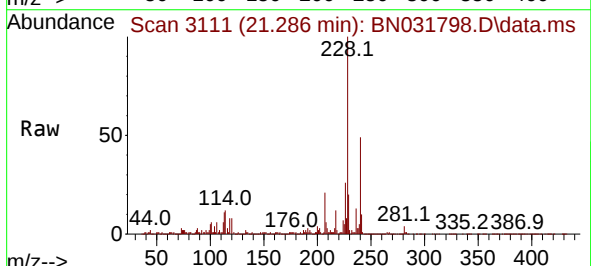
Tgt Ion:228 Resp: 881964

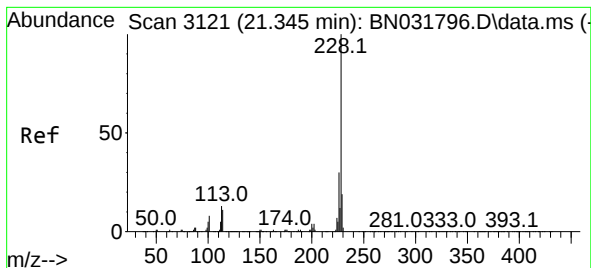
Ion Ratio Lower Upper

228 100

229 19.7 16.7 25.1

226 25.8 22.8 34.2





#87

Chrysene

Concen: 7.086 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

Instrument :

BNA_N

ClientSampleId :

BHBQ9

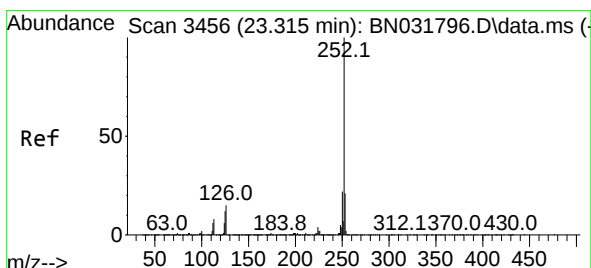
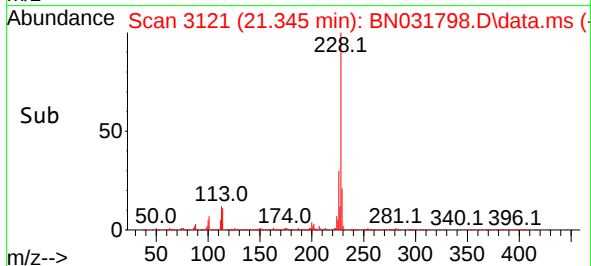
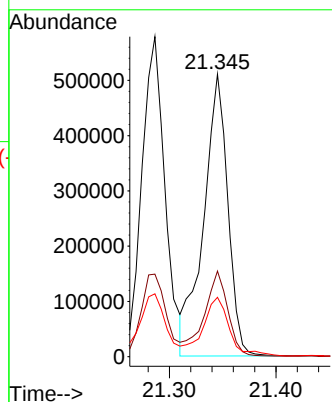
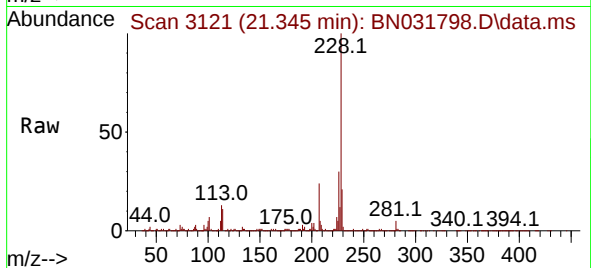
Tgt Ion:228 Resp: 807059

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 21.0 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 8.855 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

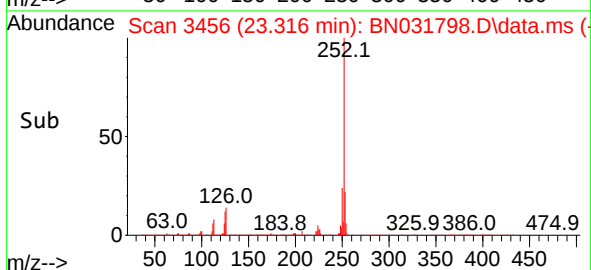
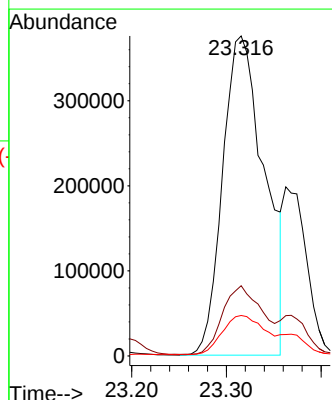
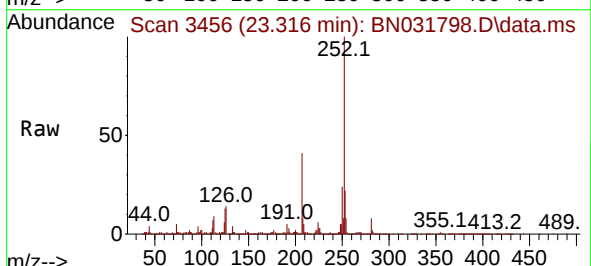
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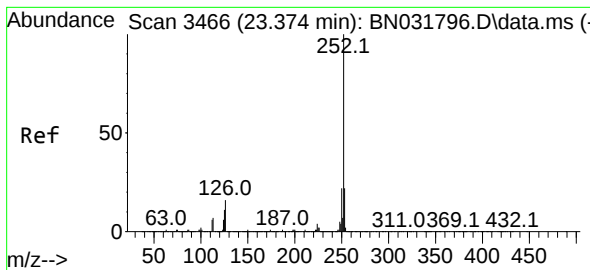
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 12.7 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 2.562 ng/ul

RT: 23.363 min Scan# 3466

Delta R.T. -0.012 min

Lab File: BN031798.D

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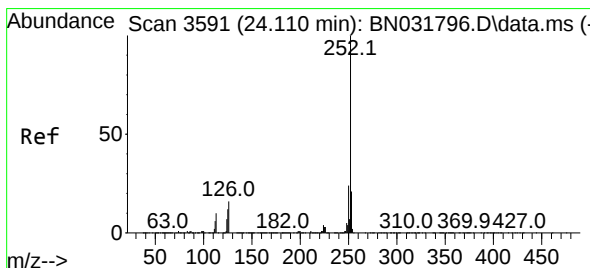
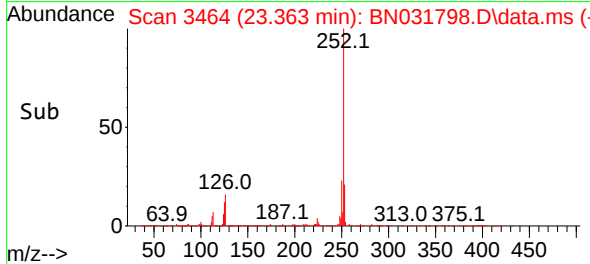
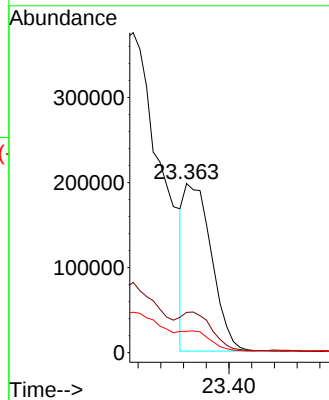
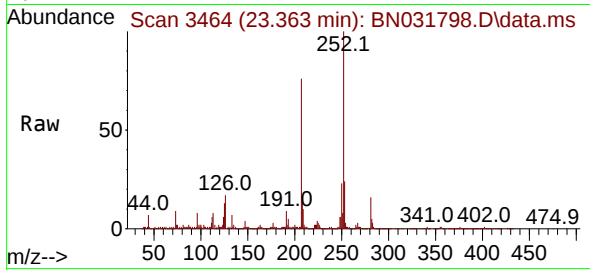
Tgt Ion:252 Resp: 327434

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 12.7 9.4 14.2



#93

Benzo(a)pyrene

Concen: 5.892 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

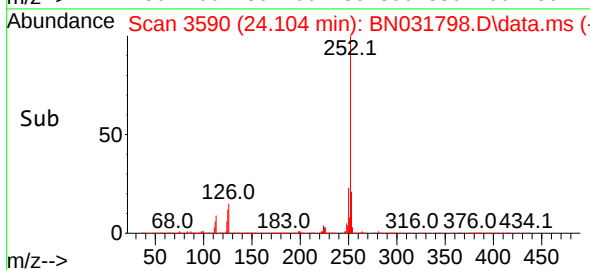
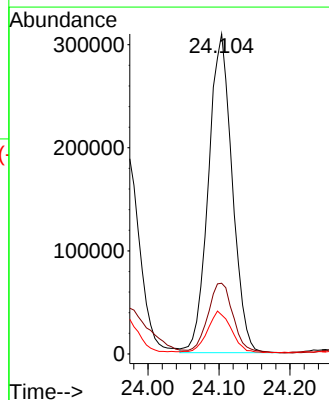
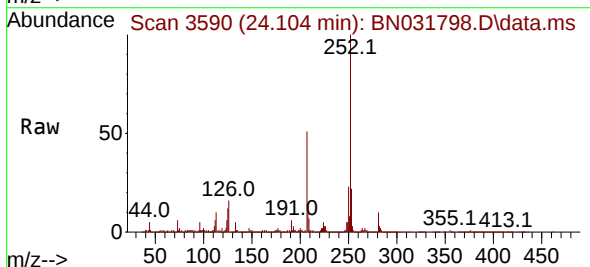
Tgt Ion:252 Resp: 718789

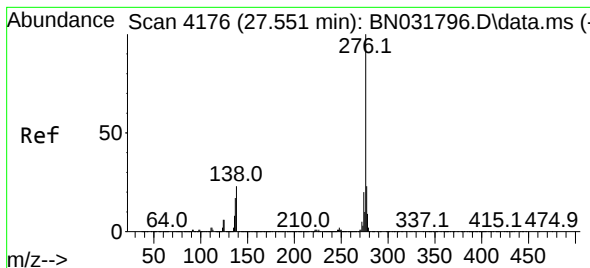
Ion Ratio Lower Upper

252 100

253 22.1 16.6 24.8

125 12.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.272 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031798.D

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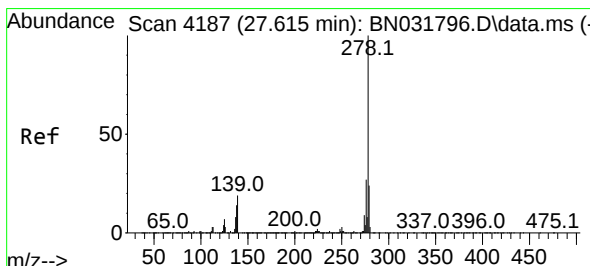
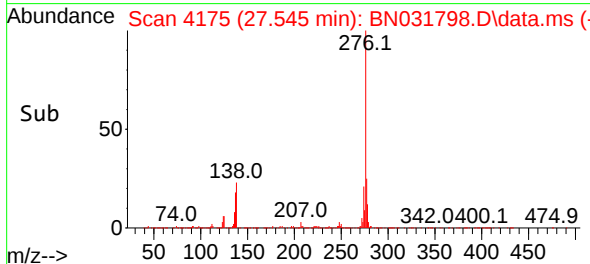
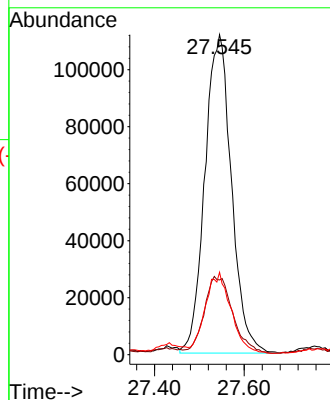
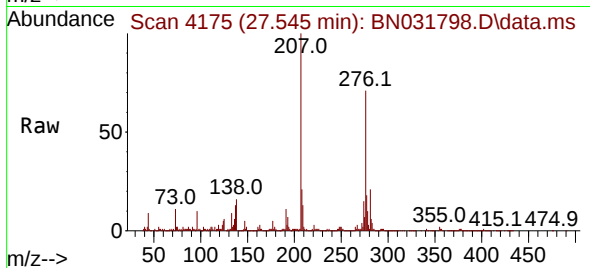
Tgt Ion:276 Resp: 459992

Ion Ratio Lower Upper

276 100

138 23.3 18.1 27.1

277 25.7 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.116 ng/ul

RT: 27.586 min Scan# 4182

Delta R.T. -0.018 min

Lab File: BN031798.D

Acq: 05 Jun 2024 13:48

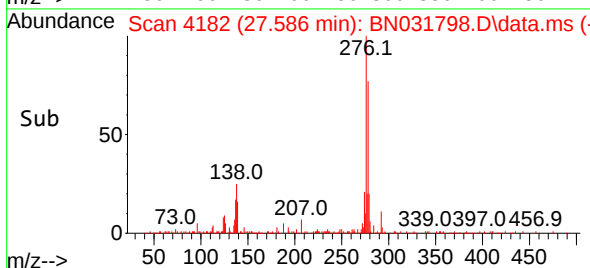
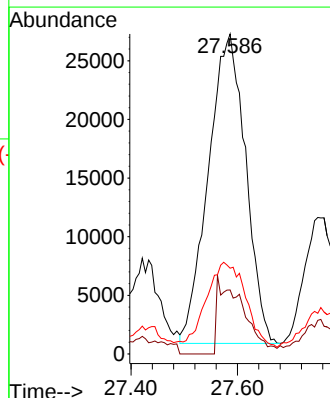
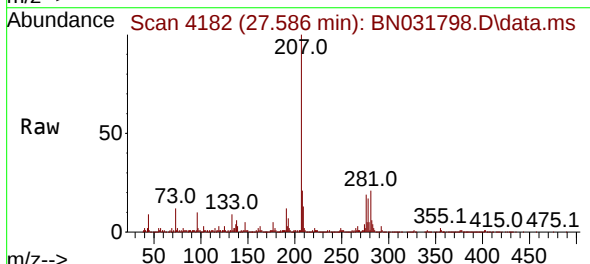
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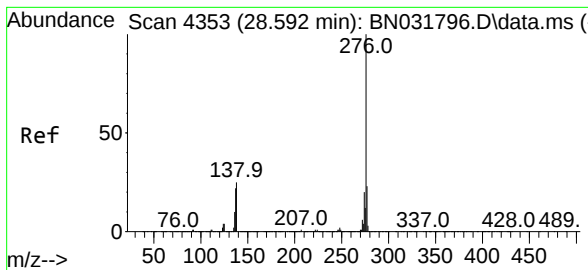
Ion Ratio Lower Upper

278 100

139 20.0 15.0 22.6

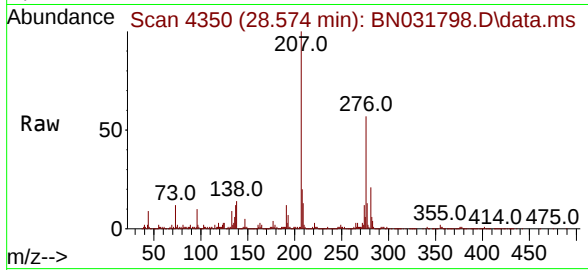
279 26.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 3.465 ng/ul
 RT: 28.574 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BN031798.D
 Acq: 05 Jun 2024 13:48

Instrument :
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Tgt Ion:276 Resp: 387227

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	22.7	18.0	27.0

