

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031826.D
 Acq On : 06 Jun 2024 19:52
 Operator : MA/JU
 Sample : P2634-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:39:49 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

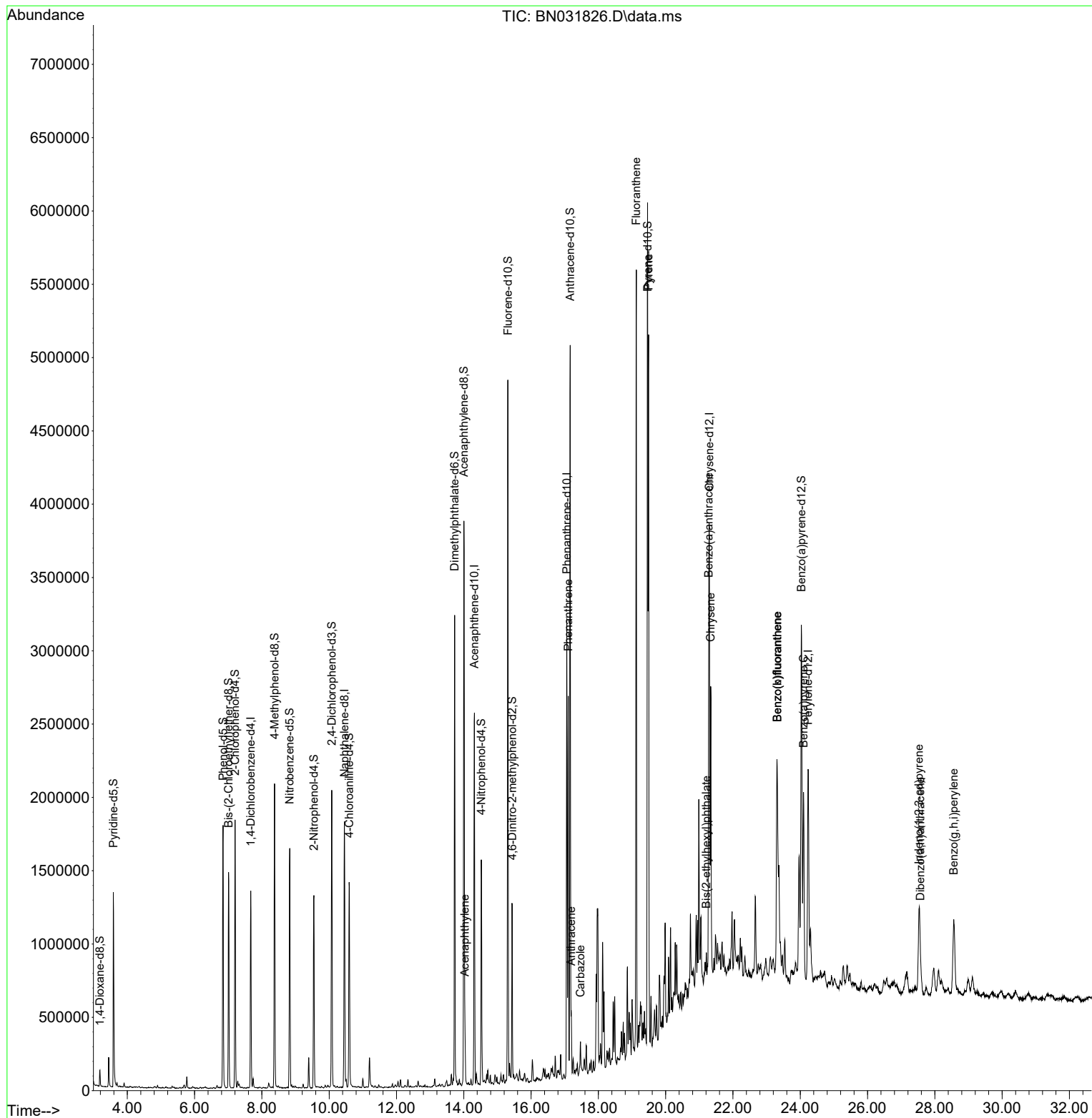
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	377483	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1553077	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	927899	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1823629	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1133153	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1270310	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	59315	6.501	ng/uL	0.00
4) Pyridine-d5	3.587	84	760192	29.597	ng/u1	-0.01
7) Phenol-d5	6.846	99	1120111	34.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	628767	33.218	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	887894	35.959	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	829456	31.444	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	441624	37.190	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	468354	38.181	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	789025	34.455	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	844077	24.825	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	2135208	33.031	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2627386	35.348	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	392830	30.351	ng/u1	0.00
60) Fluorene-d10	15.310	176	1893849	34.625	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	261942	28.576	ng/u1	0.00
73) Anthracene-d10	17.163	188	2791730	35.758	ng/u1	0.00
81) Pyrene-d10	19.463	212	2750871	45.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2208589	36.411	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.034	152	272451	3.243	ng/u1	99
72) Phenanthrene	17.104	178	1505163	16.202	ng/u1	97
74) Anthracene	17.192	178	285260	3.030	ng/u1	99
77) Carbazole	17.469	167	132902	1.656	ng/u1	98
80) Fluoranthene	19.127	202	2994555	41.323	ng/u1	100
82) Pyrene	19.492	202	2871666	38.623	ng/u1	98
85) Benzo(a)anthracene	21.280	228	1164876	15.358	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	69110	1.350	ng/u1	97
87) Chrysene	21.339	228	1315682	18.571	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	1671299	22.011	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	1671299	22.431	ng/u1	98
93) Benzo(a)pyrene	24.098	252	1162136	16.342	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	399634	4.877	ng/u1	98
95) Dibenzo(a,h)anthracene	27.568	278	114843	1.717	ng/u1#	89
96) Benzo(g,h,i)perylene	28.562	276	457608	7.025	ng/u1	99

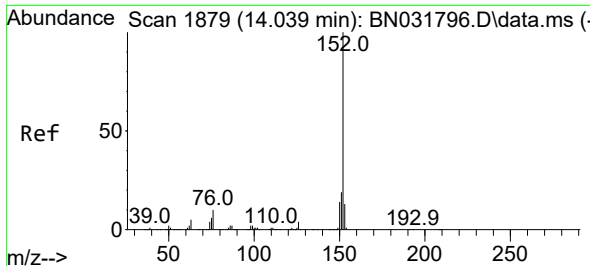
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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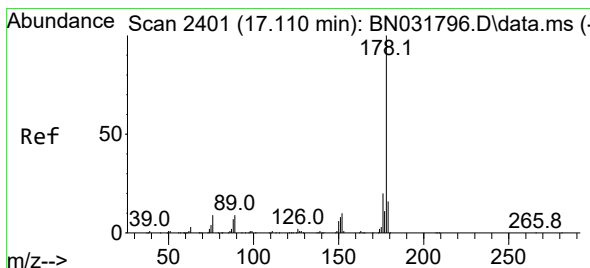
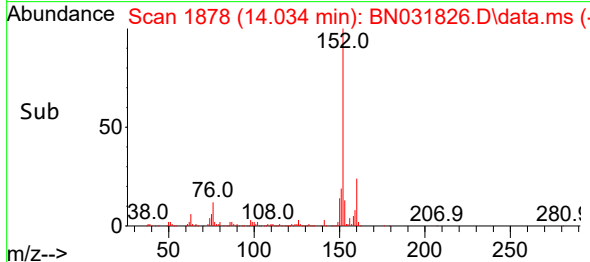
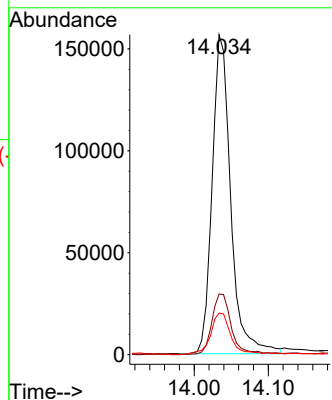
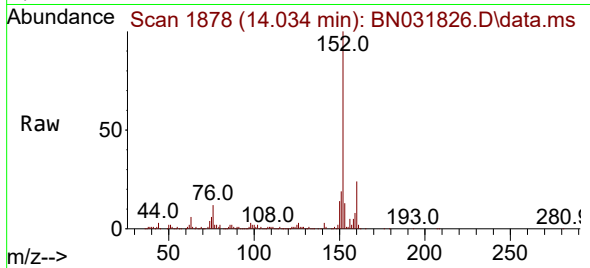




#50
Acenaphthylene
Concen: 3.243 ng/ul
RT: 14.034 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

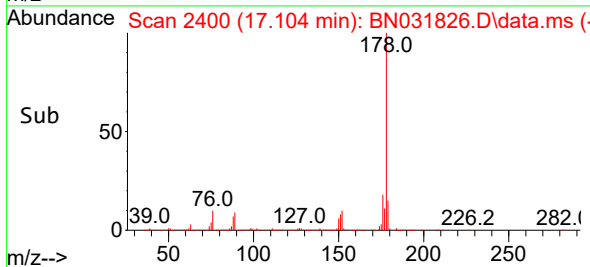
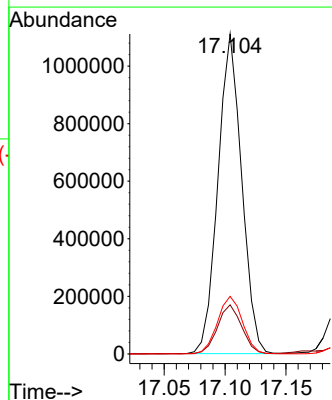
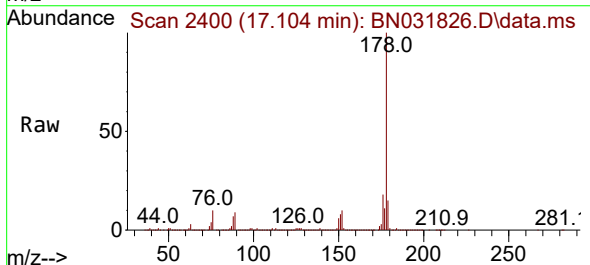
Instrument :
BNA_N
ClientSampleId :

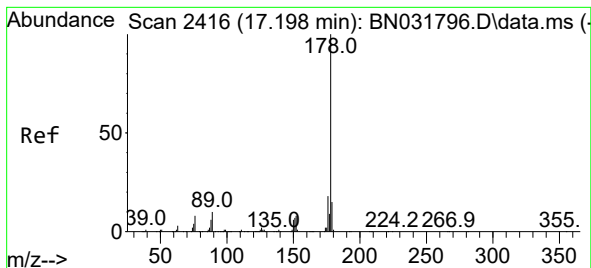
Tgt Ion:152 Resp: 272451
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 13.0 10.4 15.6



#72
Phenanthrene
Concen: 16.202 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

Tgt Ion:178 Resp: 1505163
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.0 15.8 23.6





#74

Anthracene

Concen: 3.030 ng/ul

RT: 17.192 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

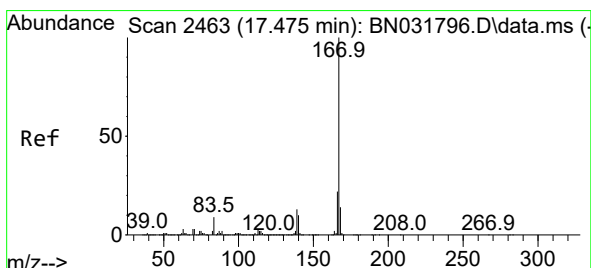
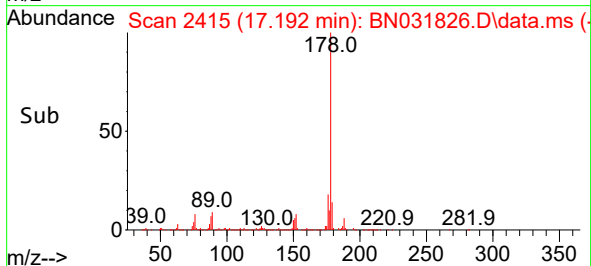
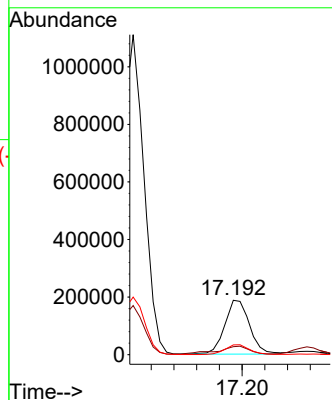
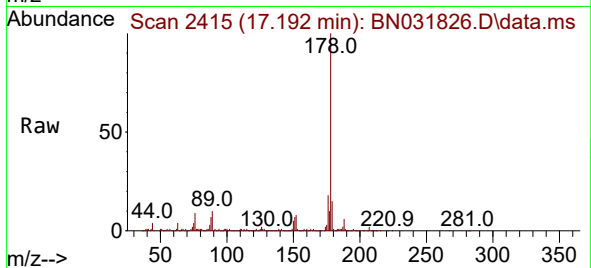
Tgt Ion:178 Resp: 285260

Ion Ratio Lower Upper

178 100

179 14.7 11.8 17.6

176 17.9 14.8 22.2



#77

Carbazole

Concen: 1.656 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

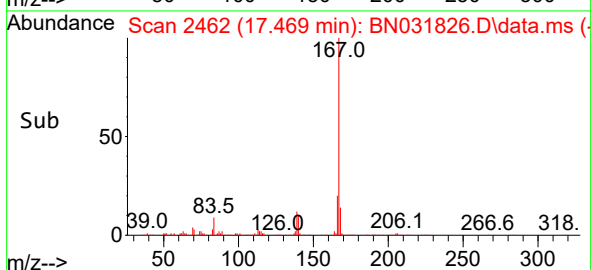
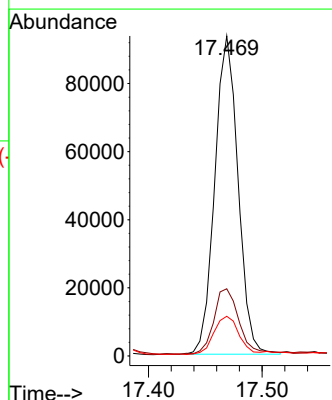
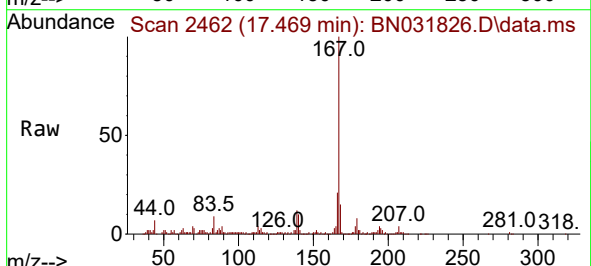
Tgt Ion:167 Resp: 132902

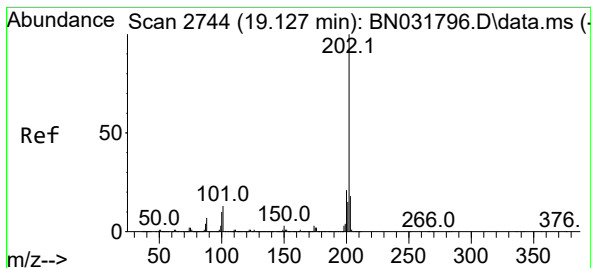
Ion Ratio Lower Upper

167 100

166 21.0 17.9 26.9

139 12.4 10.5 15.7





#80

Fluoranthene

Concen: 41.323 ng/ul

RT: 19.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

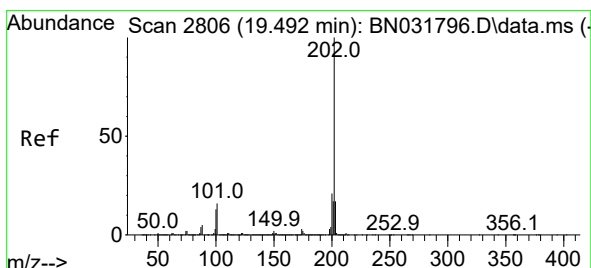
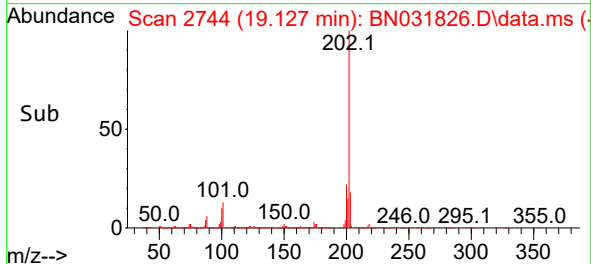
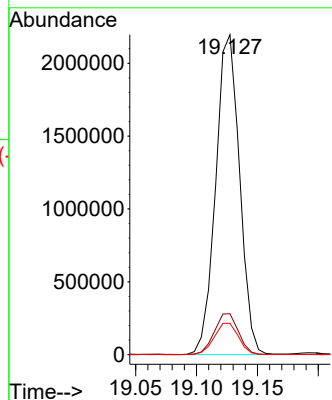
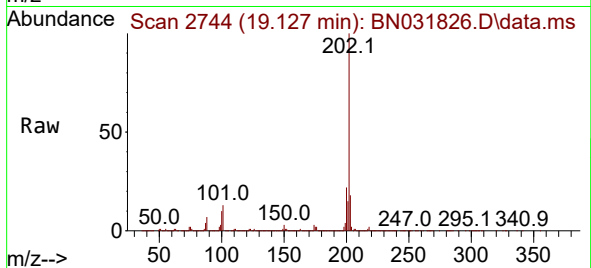
Tgt Ion:202 Resp: 2994555

Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

100 9.8 8.0 12.0



#82

Pyrene

Concen: 38.623 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

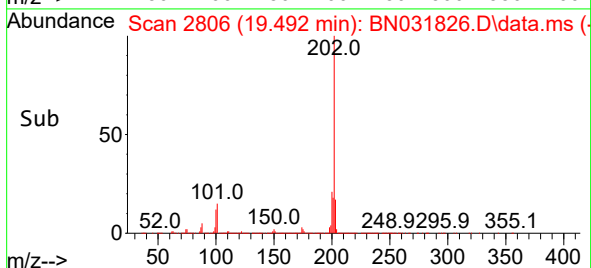
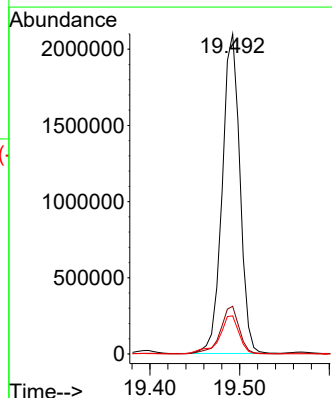
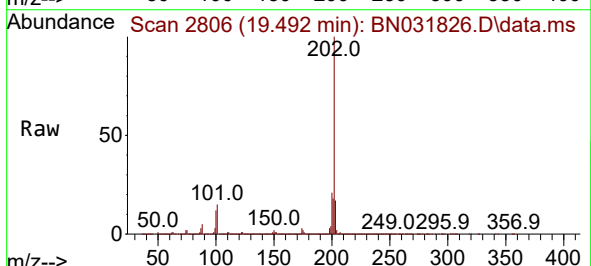
Tgt Ion:202 Resp: 2871666

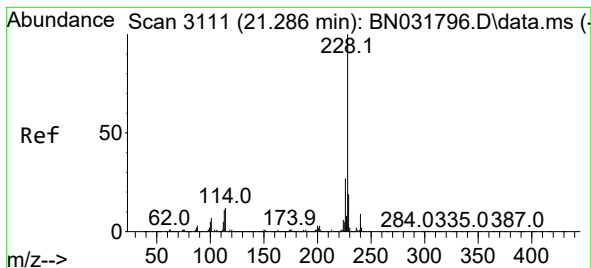
Ion Ratio Lower Upper

202 100

101 14.9 12.6 18.8

100 11.9 10.2 15.2





#85

Benzo(a)anthracene

Concen: 15.358 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

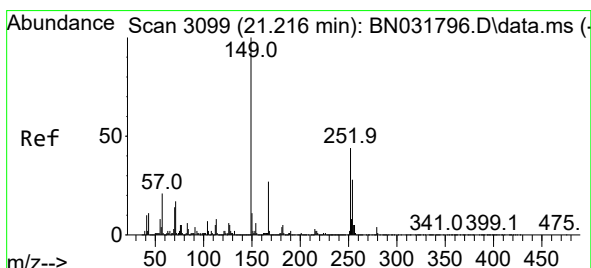
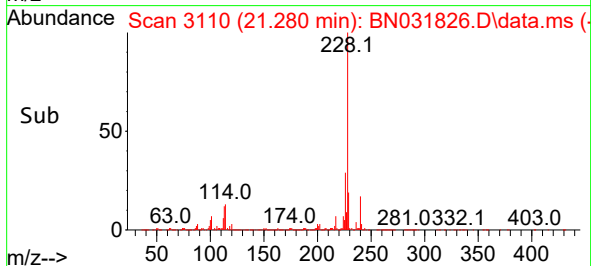
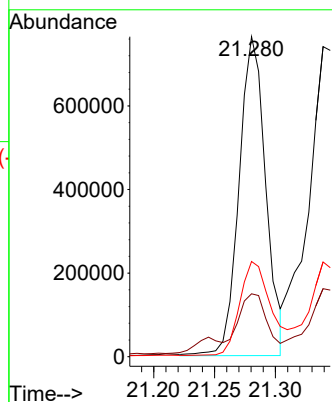
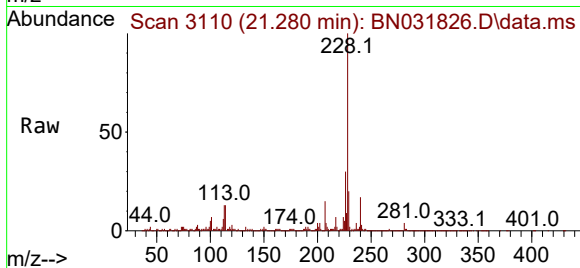
Tgt Ion:228 Resp: 1164876

Ion Ratio Lower Upper

228 100

229 19.7 16.7 25.1

226 29.8 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.350 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

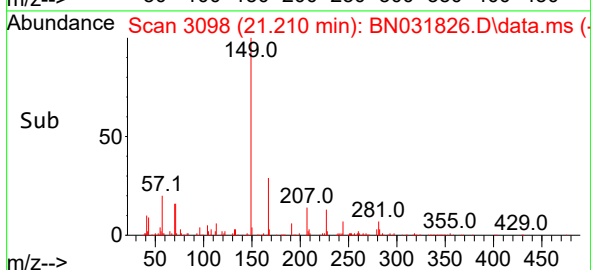
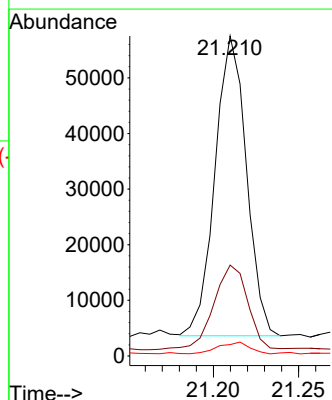
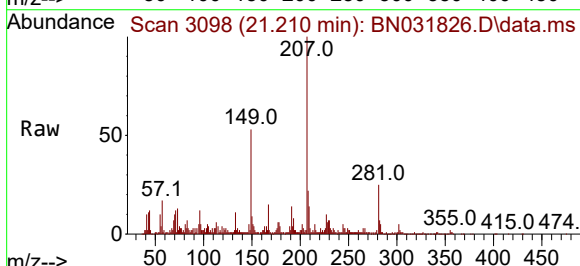
Tgt Ion:149 Resp: 69110

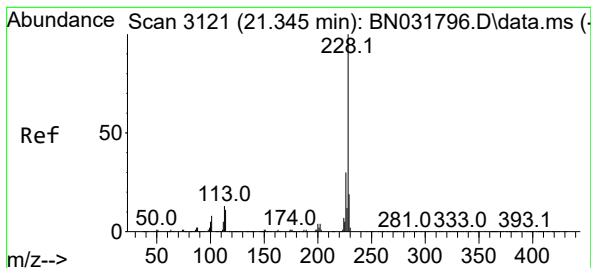
Ion Ratio Lower Upper

149 100

167 28.4 21.4 32.0

279 3.6 3.3 4.9





#87

Chrysene

Concen: 18.571 ng/ul

RT: 21.339 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

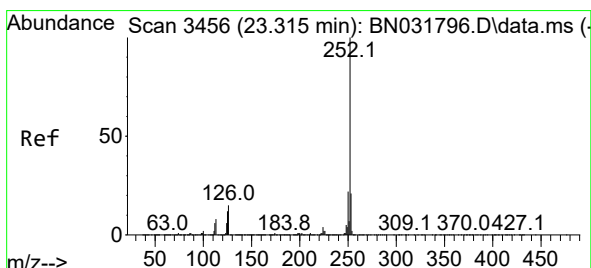
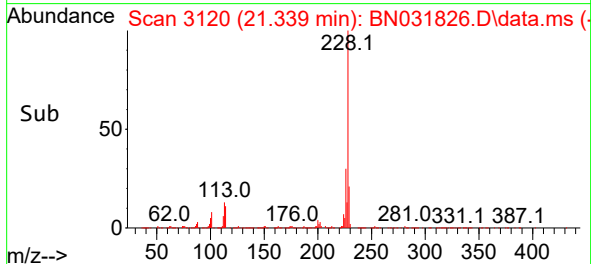
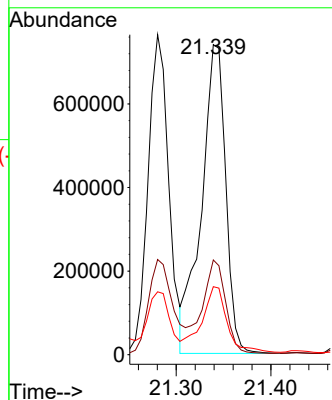
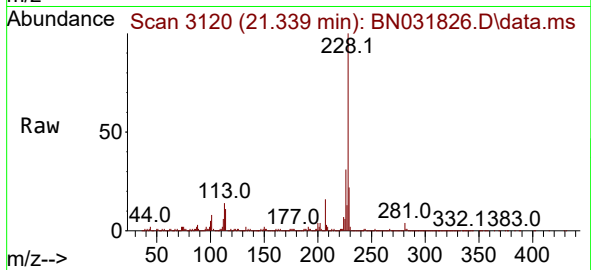
Tgt Ion:228 Resp: 1315682

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 21.9 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 22.011 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

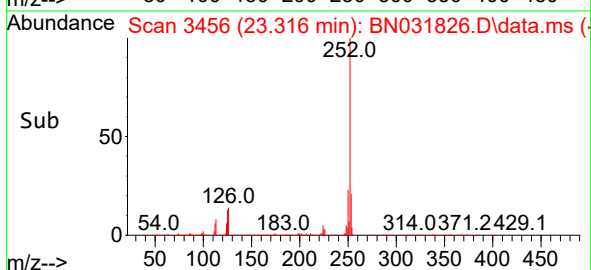
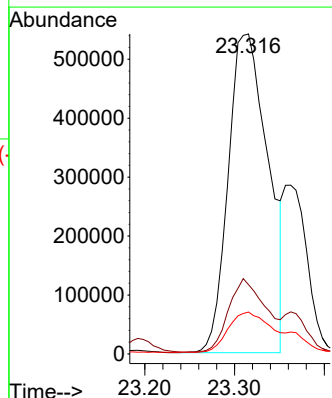
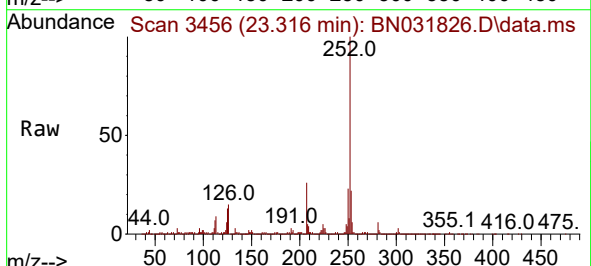
Tgt Ion:252 Resp: 1671299

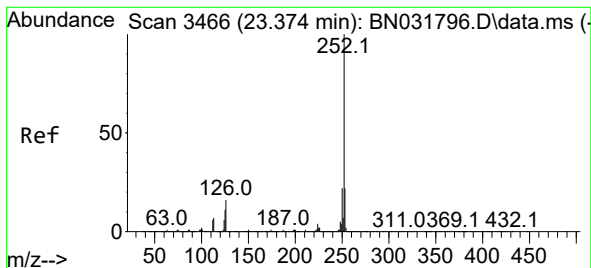
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 13.1 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 22.431 ng/ul

RT: 23.316 min Scan# 3466

Delta R.T. -0.059 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

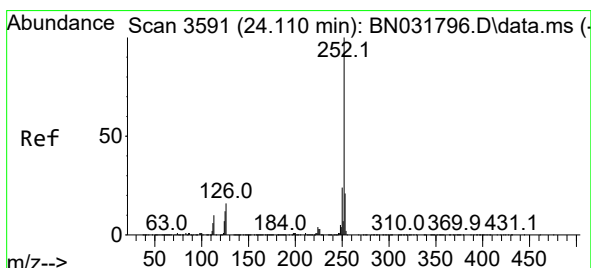
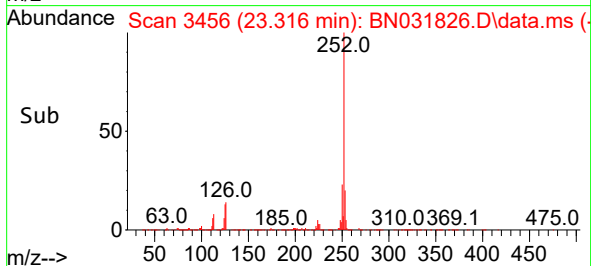
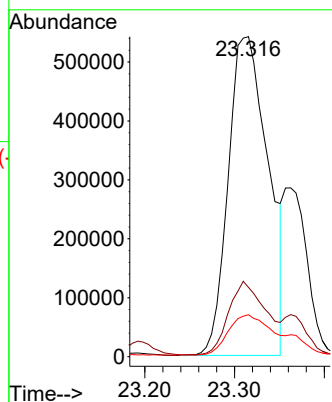
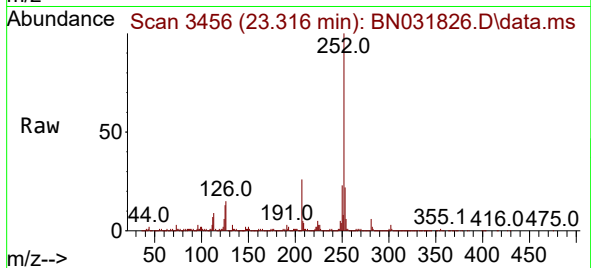
Tgt Ion:252 Resp: 1671299

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 13.1 9.4 14.2



#93

Benzo(a)pyrene

Concen: 16.342 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

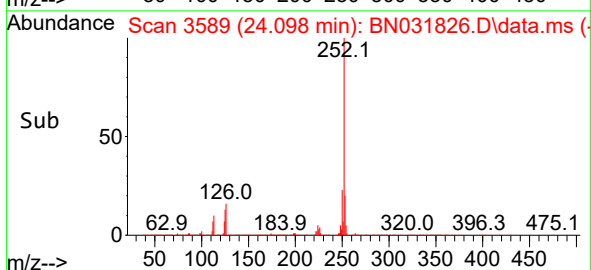
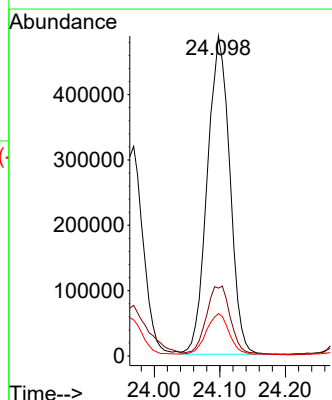
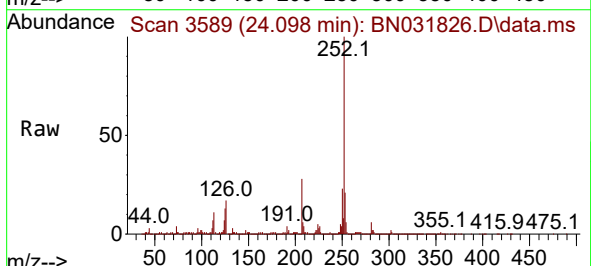
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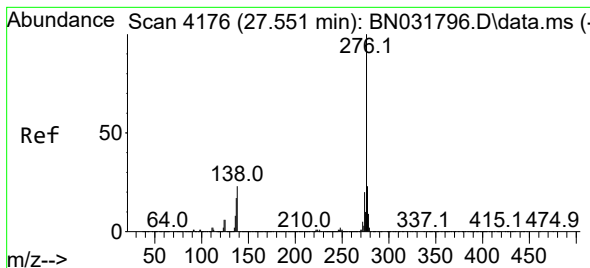
Ion Ratio Lower Upper

252 100

253 21.2 16.6 24.8

125 13.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.877 ng/ul

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

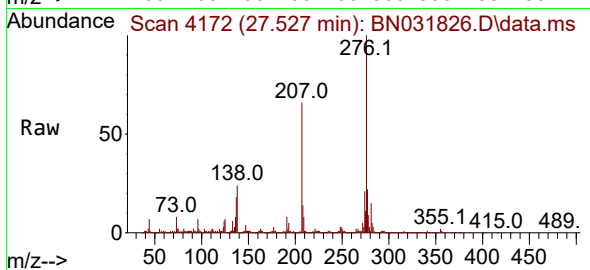
Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

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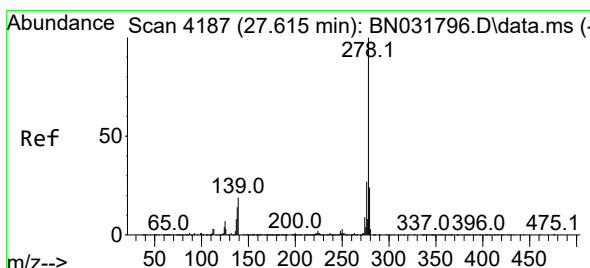
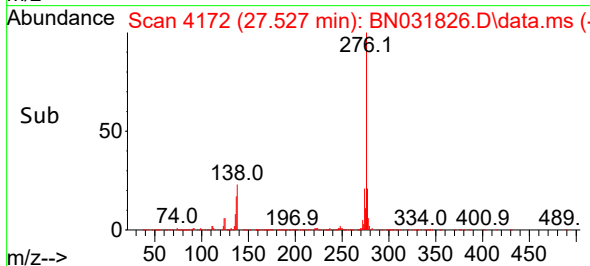
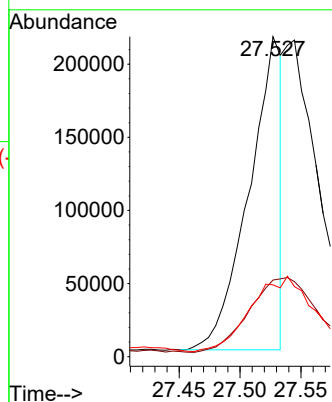
Tgt Ion:276 Resp: 399634

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

277 22.5 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.717 ng/ul

RT: 27.568 min Scan# 4179

Delta R.T. -0.035 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

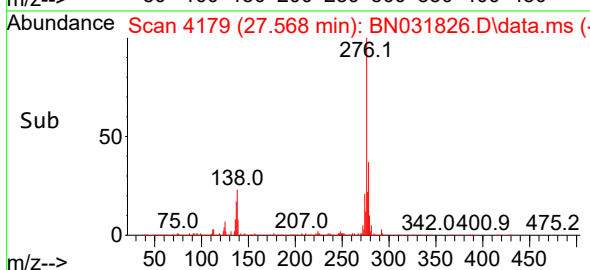
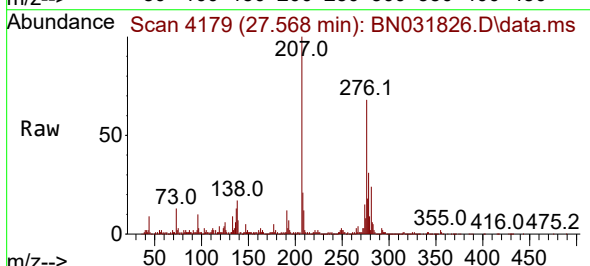
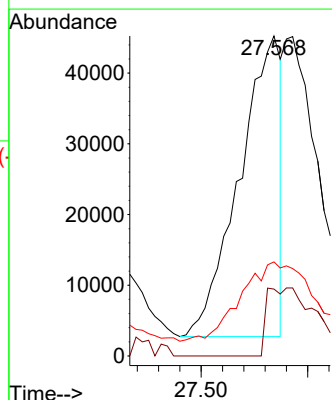
Tgt Ion:278 Resp: 114843

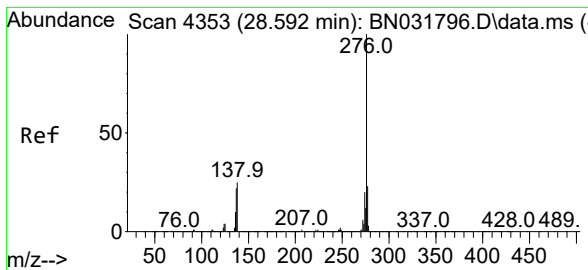
Ion Ratio Lower Upper

278 100

139 20.9 15.0 22.6

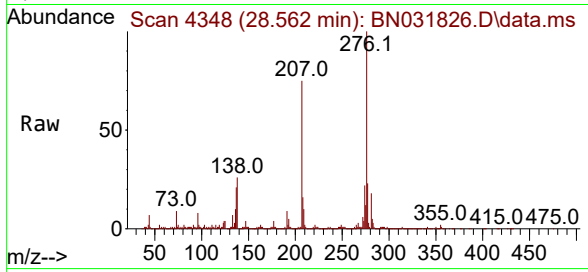
279 29.4 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 7.025 ng/ul
 RT: 28.562 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 457608

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.9	31.3
277	23.3	18.0	27.0

