

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031979.D
 Acq On : 13 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2663-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC46

Quant Time: Jun 13 16:47:42 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)

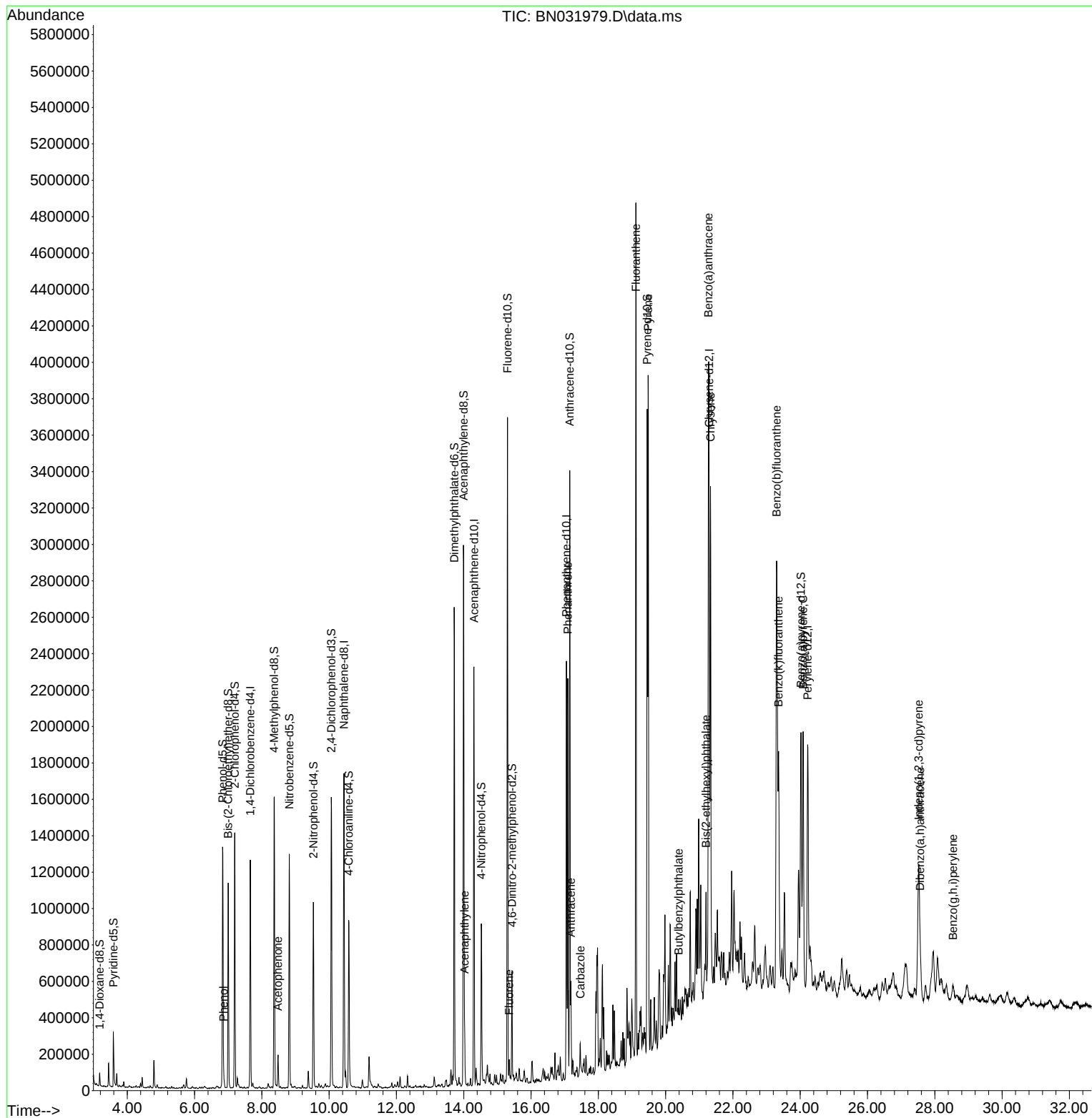
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	346254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1446159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	829791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1335710	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	930456	20.000	ng/u1	0.00
88) Perylene-d12	24.222	264	1119097	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	35983	4.299	ng/uL	0.00
4) Pyridine-d5	3.587	84	164960	7.002	ng/u1	0.00
7) Phenol-d5	6.834	99	822197	27.699	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	475099	27.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	676197	29.855	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	649729	26.852	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	339933	30.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	360014	31.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	627668	29.435	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	546588	17.264	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1791277	30.987	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2018272	30.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	233164	20.145	ng/u1	0.00
60) Fluorene-d10	15.298	176	1405565	28.736	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	130903	19.497	ng/u1	0.00
73) Anthracene-d10	17.151	188	1809881	31.650	ng/u1	0.00
81) Pyrene-d10	19.451	212	1511737	30.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.022	264	1262452	23.625	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.864	94	32632	1.080	ng/u1#	88
16) Acetophenone	8.481	105	99682	2.718	ng/u1	98
50) Acenaphthylene	14.022	152	222014	2.955	ng/u1	98
61) Fluorene	15.351	166	57428	1.056	ng/u1#	97
72) Phenanthrene	17.093	178	1288542	18.937	ng/u1	98
74) Anthracene	17.187	178	322852	4.683	ng/u1	99
77) Carbazole	17.463	167	106014	1.803	ng/u1	99
80) Fluoranthene	19.116	202	2678638	45.015	ng/u1	99
82) Pyrene	19.481	202	2243029	36.740	ng/u1	99
83) Butylbenzylphthalate	20.386	149	35309	1.224	ng/u1	96
85) Benzo(a)anthracene	21.275	228	1743088	27.988	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.198	149	202474	4.817	ng/u1	97
87) Chrysene	21.333	228	1727426	29.694	ng/u1	94
90) Benzo(b)fluoranthene	23.298	252	2625215	39.246	ng/u1	96
91) Benzo(k)fluoranthene	23.357	252	923131	14.064	ng/u1	98
93) Benzo(a)pyrene	24.080	252	1224751	19.549	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	1084691	15.025	ng/u1	97
95) Dibenzo(a,h)anthracene	27.563	278	351476	5.963	ng/u1#	91
96) Benzo(g,h,i)perylene	28.539	276	130911	2.281	ng/u1	98

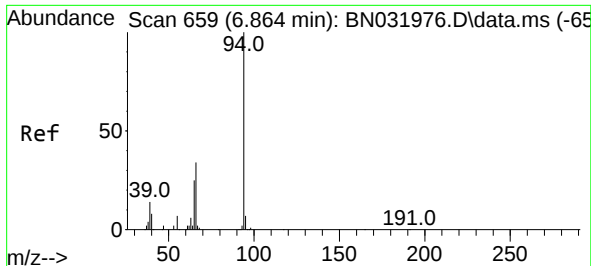
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 1.080 ng/ul

RT: 6.864 min Scan# 659

Delta R.T. 0.000 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

Instrument :

BNA_N

ClientSampleId :

BHC46

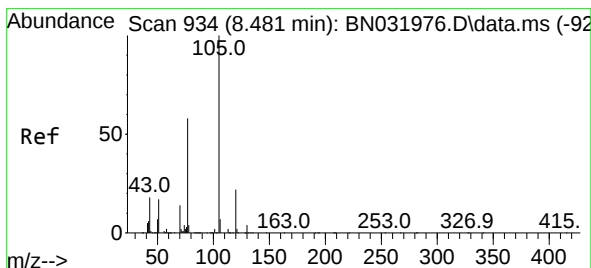
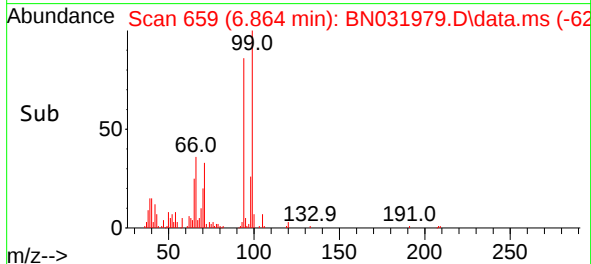
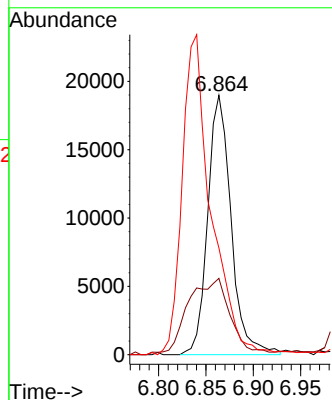
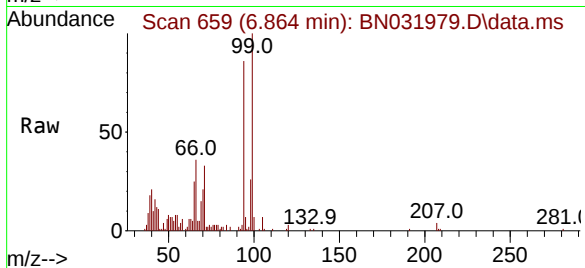
Tgt Ion: 94 Resp: 32632

Ion Ratio Lower Upper

94 100

65 29.5 20.3 30.5

66 41.2 25.8 38.8#



#16

Acetophenone

Concen: 2.718 ng/ul

RT: 8.481 min Scan# 934

Delta R.T. 0.000 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

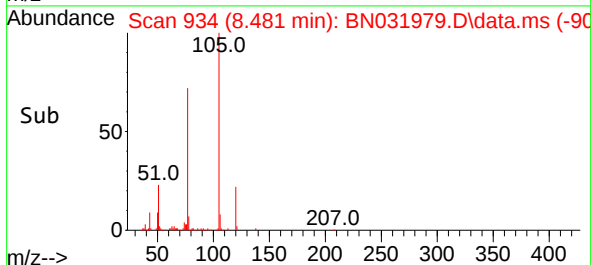
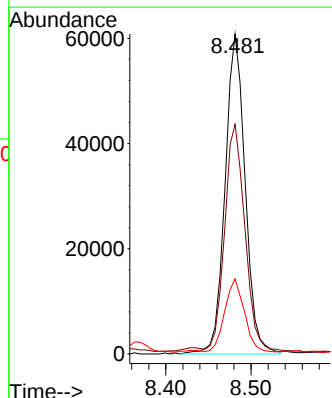
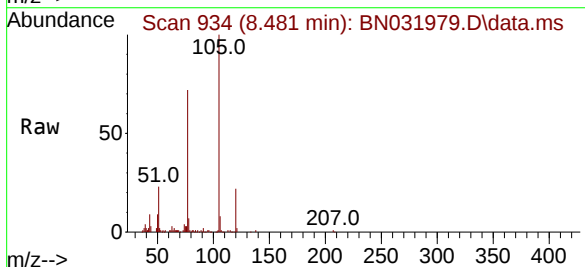
Tgt Ion: 105 Resp: 99682

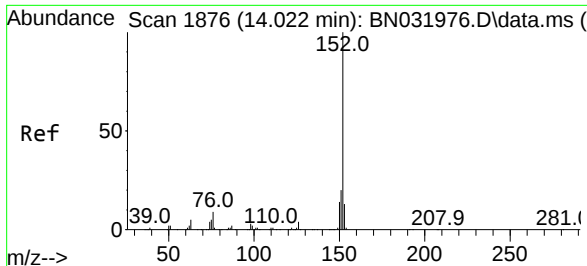
Ion Ratio Lower Upper

105 100

77 71.8 58.6 87.8

51 23.5 17.2 25.8

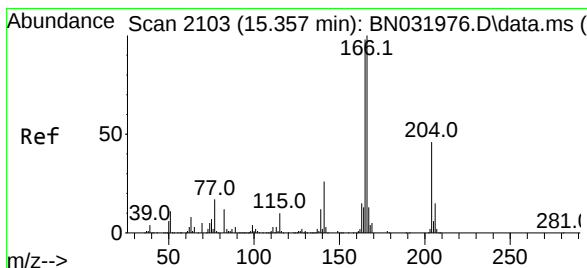
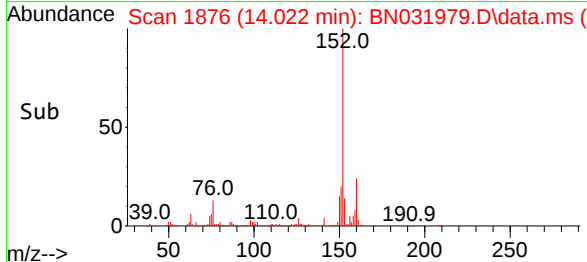
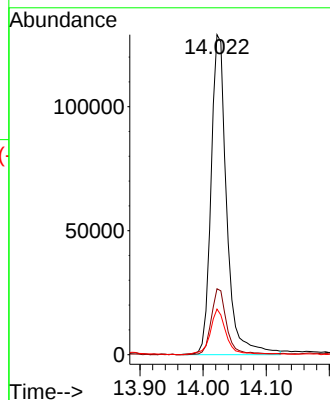
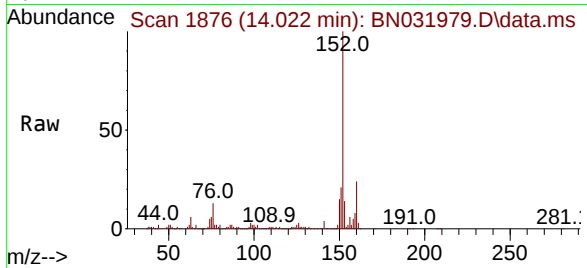




#50
Acenaphthylene
Concen: 2.955 ng/ul
RT: 14.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031979.D
Acq: 13 Jun 2024 16:16

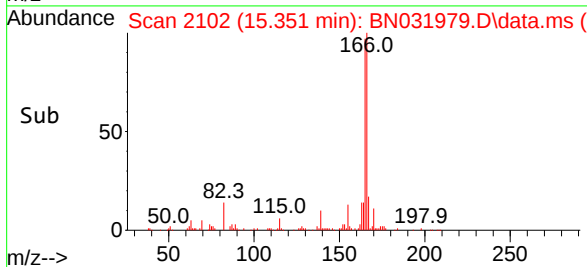
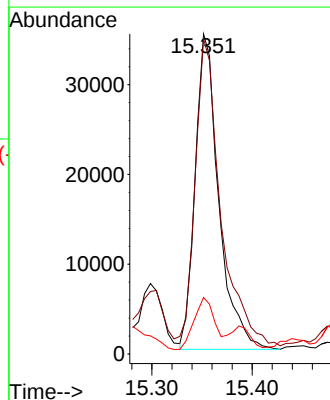
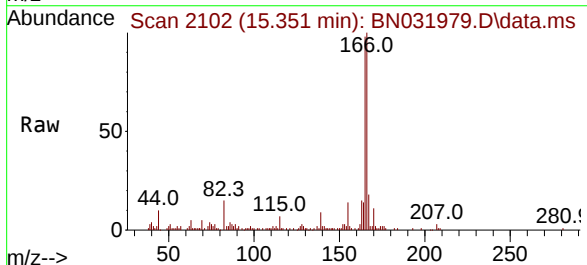
Instrument :
BNA_N
ClientSampleId :
BHC46

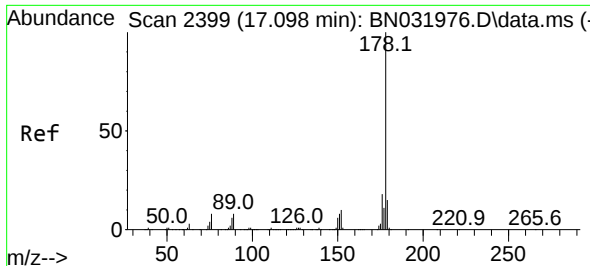
Tgt Ion:152 Resp: 222014
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.3 10.4 15.6



#61
Fluorene
Concen: 1.056 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN031979.D
Acq: 13 Jun 2024 16:16

Tgt Ion:166 Resp: 57428
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 17.7 11.3 16.9#

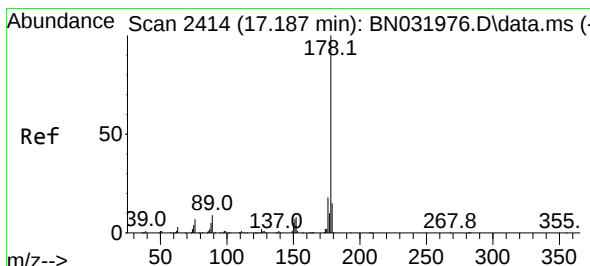
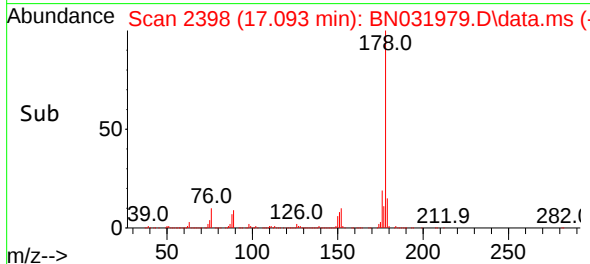
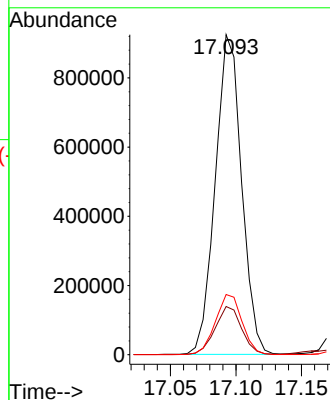
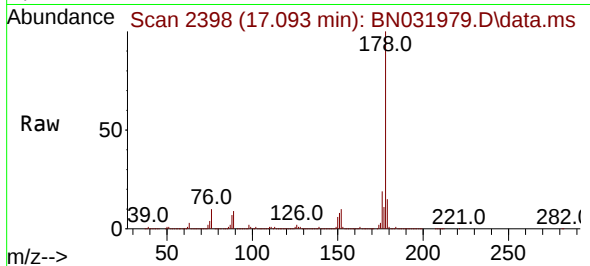




#72
Phenanthrene
Concen: 18.937 ng/ul
RT: 17.093 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031979.D
Acq: 13 Jun 2024 16:16

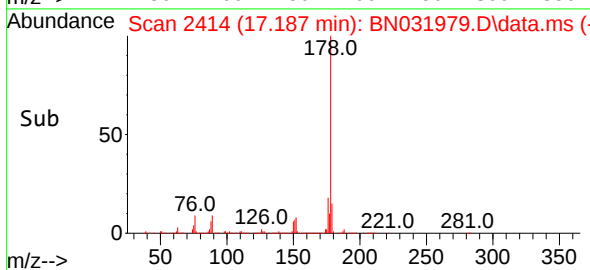
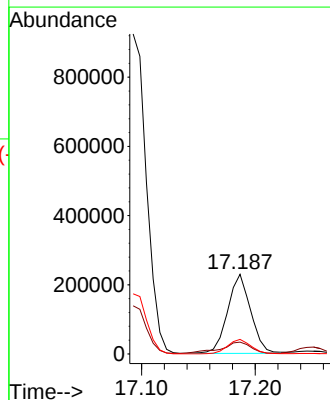
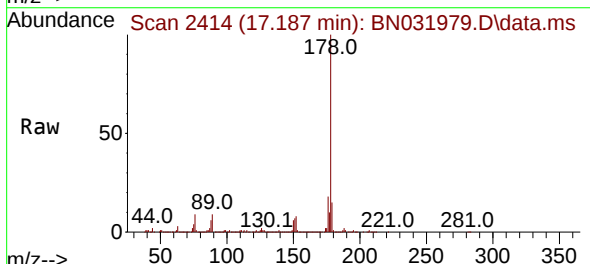
Instrument :
BNA_N
ClientSampleId :
BHC46

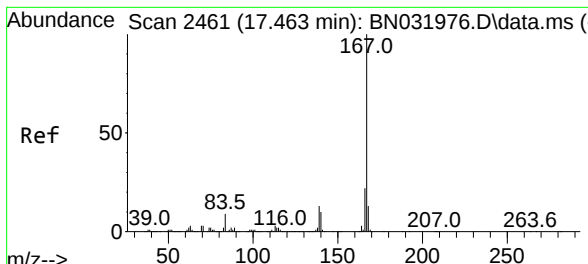
Tgt Ion:178 Resp: 1288542
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 18.8 15.8 23.6



#74
Anthracene
Concen: 4.683 ng/ul
RT: 17.187 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031979.D
Acq: 13 Jun 2024 16:16

Tgt Ion:178 Resp: 322852
Ion Ratio Lower Upper
178 100
179 14.8 11.8 17.6
176 18.2 14.8 22.2



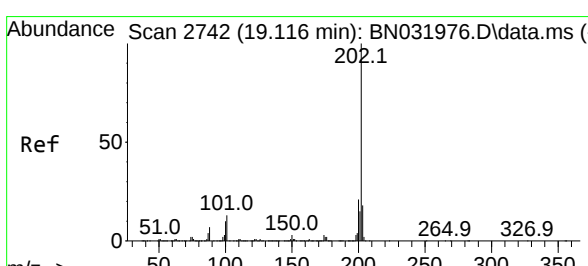
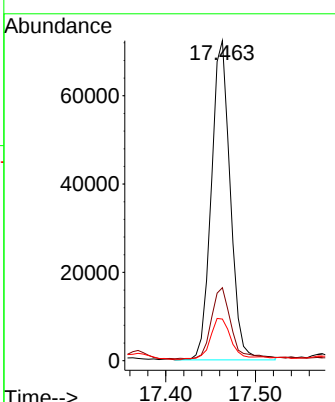
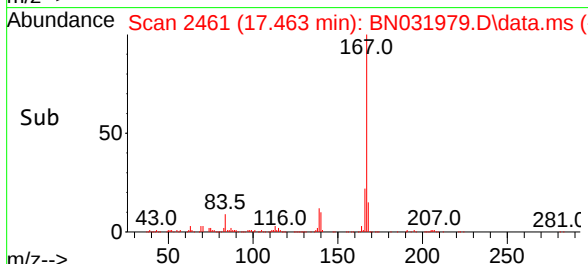
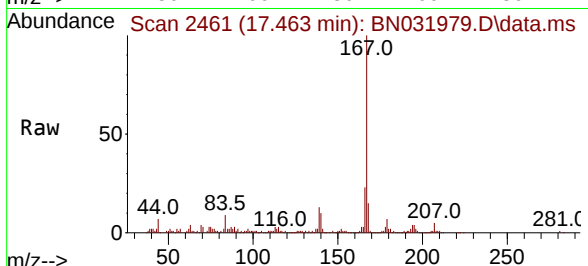


#77
 Carbazole
 Concen: 1.803 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031979.D
 Acq: 13 Jun 2024 16:16

Instrument :
 BNA_N
 ClientSampleId :
 BHC46

Tgt Ion:167 Resp: 106014

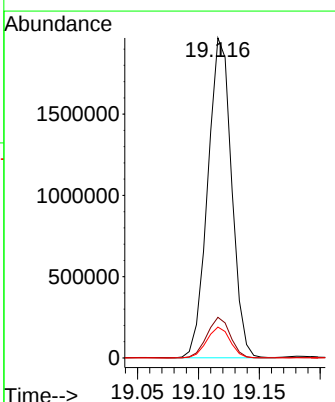
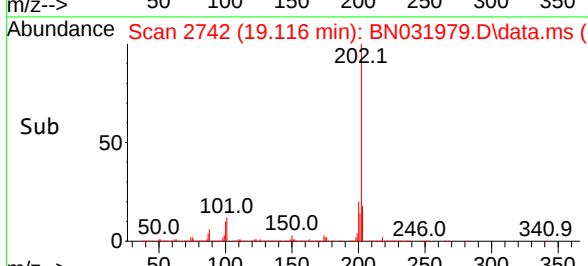
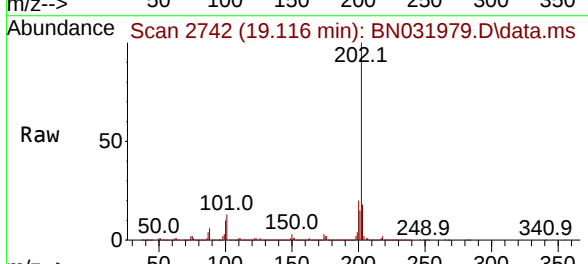
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.9	26.9
139	13.0	10.5	15.7

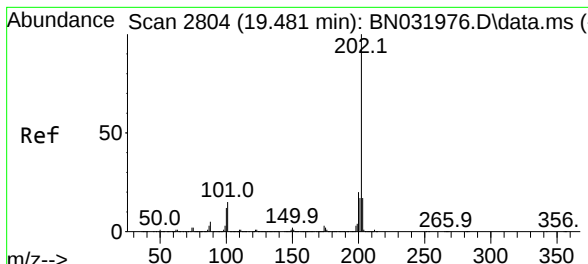


#80
 Fluoranthene
 Concen: 45.015 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031979.D
 Acq: 13 Jun 2024 16:16

Tgt Ion:202 Resp: 2678638

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	9.6	8.0	12.0



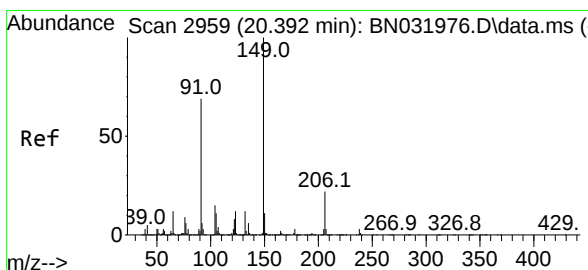
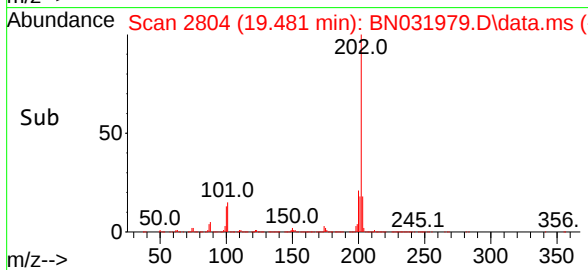
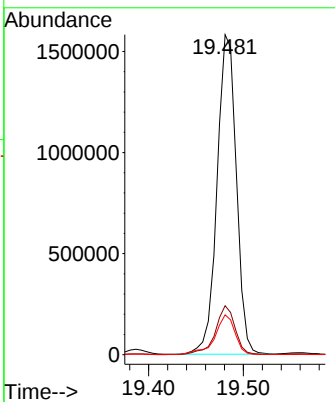
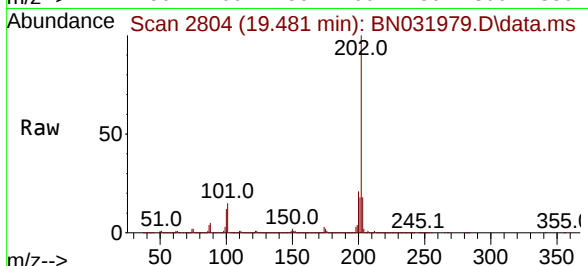


#82
 Pyrene
 Concen: 36.740 ng/ul
 RT: 19.481 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031979.D
 Acq: 13 Jun 2024 16:16

Instrument :
 BNA_N
 ClientSampleId :
 BHC46

Tgt Ion:202 Resp: 2243029

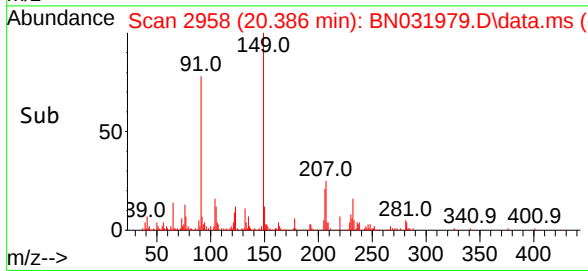
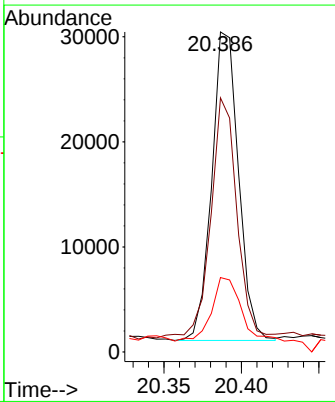
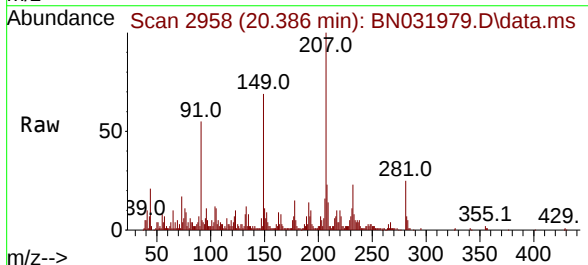
Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	12.4	10.2	15.2

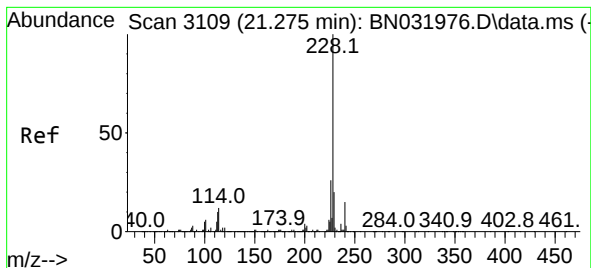


#83
 Butylbenzylphthalate
 Concen: 1.224 ng/ul
 RT: 20.386 min Scan# 2958
 Delta R.T. -0.006 min
 Lab File: BN031979.D
 Acq: 13 Jun 2024 16:16

Tgt Ion:149 Resp: 35309

Ion	Ratio	Lower	Upper
149	100		
91	79.4	61.0	91.4
206	23.2	16.5	24.7





#85

Benzo(a)anthracene

Concen: 27.988 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

Instrument :

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ClientSampleId :

BHC46

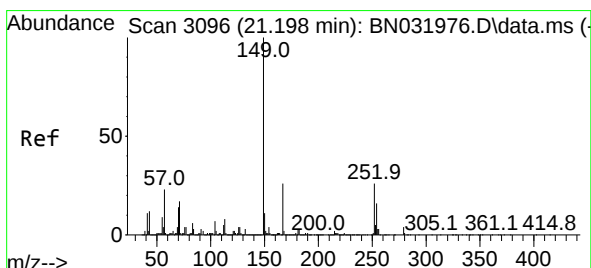
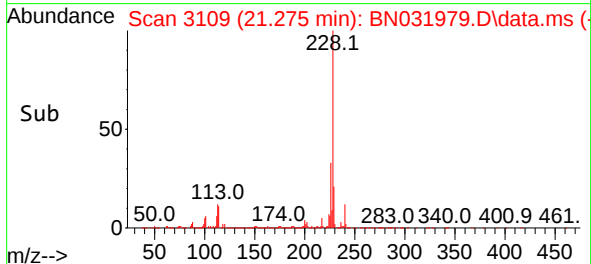
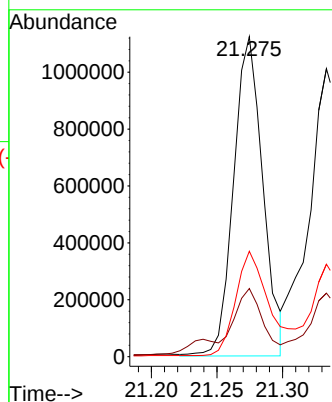
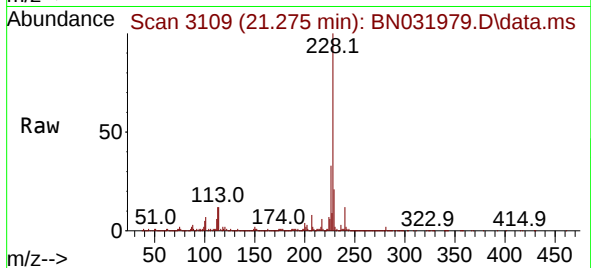
Tgt Ion:228 Resp: 1743088

Ion Ratio Lower Upper

228 100

229 21.3 16.7 25.1

226 33.0 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.817 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

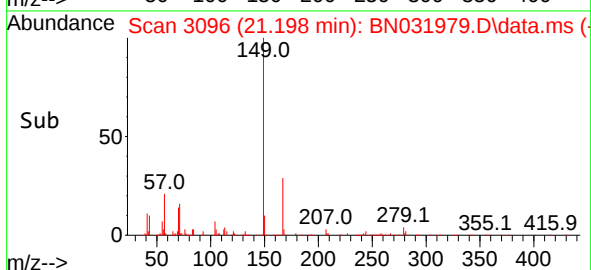
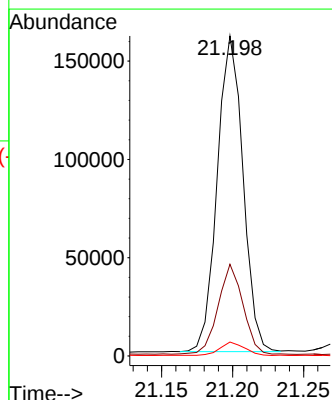
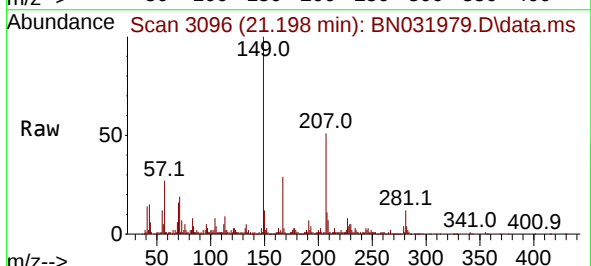
Tgt Ion:149 Resp: 202474

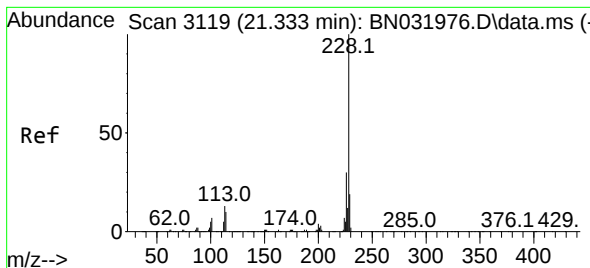
Ion Ratio Lower Upper

149 100

167 28.6 21.4 32.0

279 4.3 3.3 4.9





#87

Chrysene

Concen: 29.694 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

Instrument :

BNA_N

ClientSampleId :

BHC46

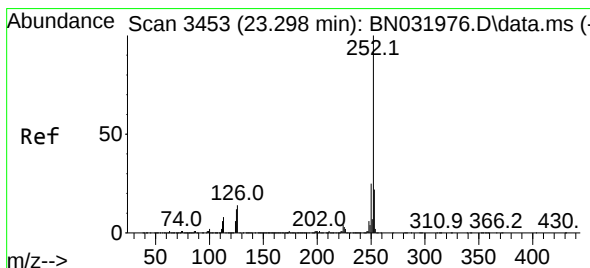
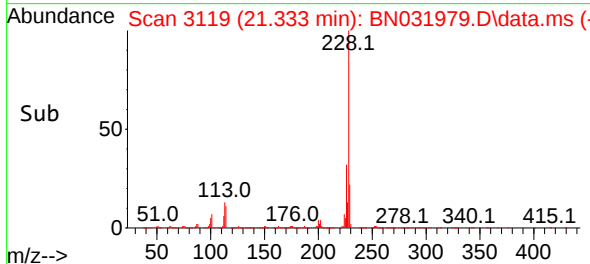
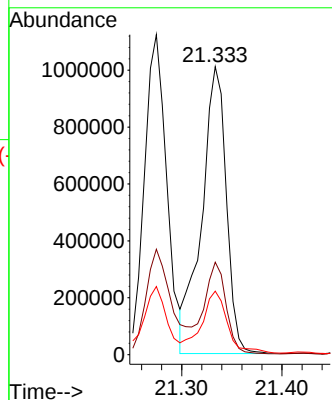
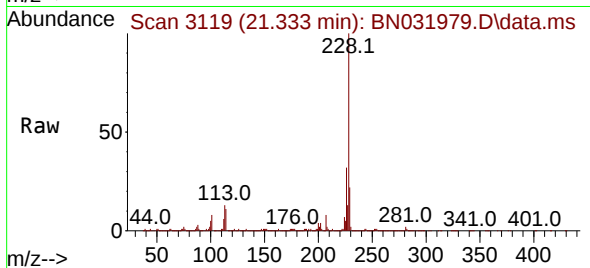
Tgt Ion:228 Resp: 1727426

Ion Ratio Lower Upper

228 100

226 32.1 23.7 35.5

229 22.1 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 39.246 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.006 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

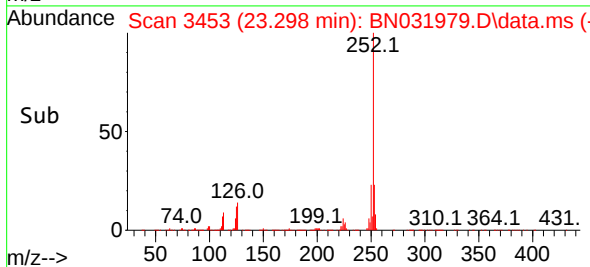
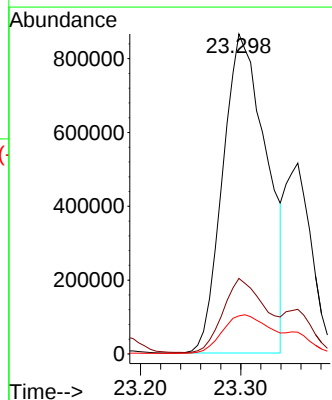
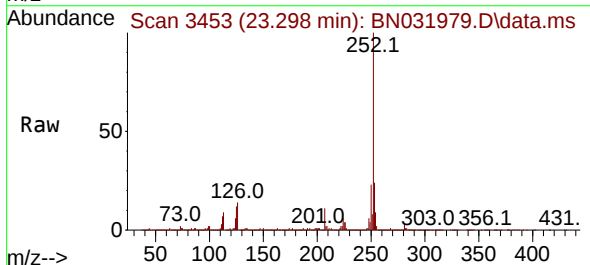
Tgt Ion:252 Resp: 2625215

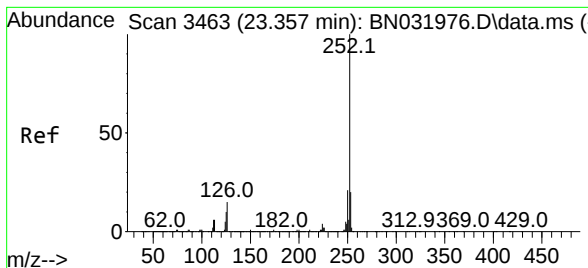
Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

125 11.9 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 14.064 ng/u1

RT: 23.357 min Scan# 3463

Delta R.T. 0.006 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

Instrument :

BNA_N

ClientSampleId :

BHC46

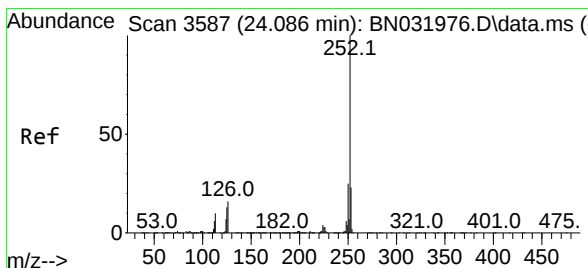
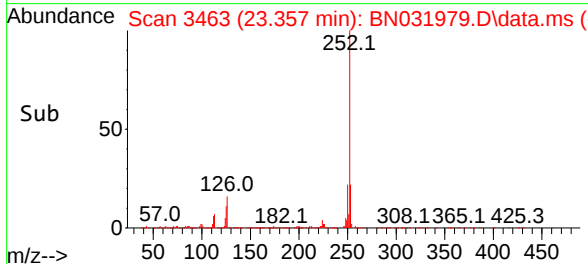
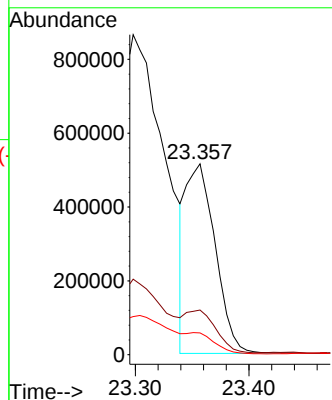
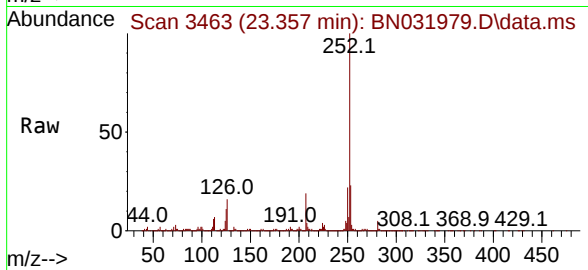
Tgt Ion:252 Resp: 923131

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 11.4 9.4 14.2



#93

Benzo(a)pyrene

Concen: 19.549 ng/u1

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

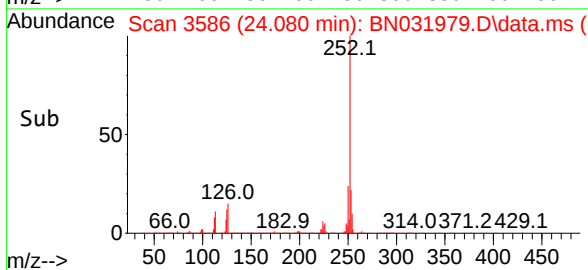
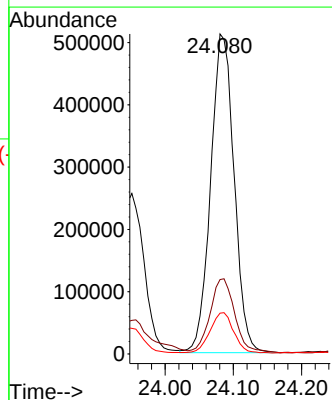
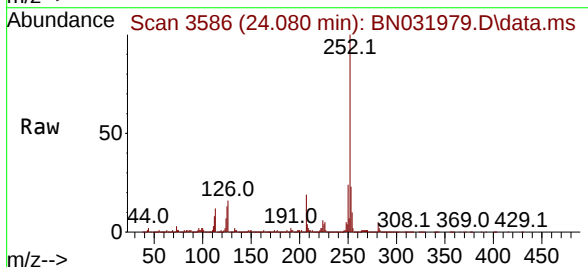
Tgt Ion:252 Resp: 1224751

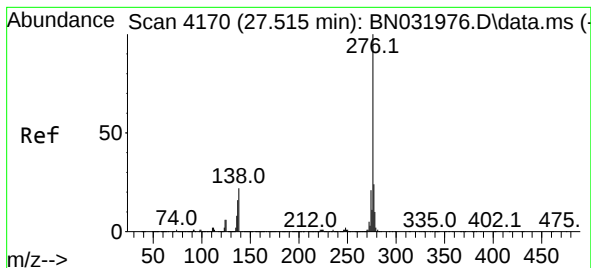
Ion Ratio Lower Upper

252 100

253 23.3 16.6 24.8

125 12.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.025 ng/ul

RT: 27.521 min Scan# 4171

Delta R.T. 0.006 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

Instrument :

BNA_N

ClientSampleId :

BHC46

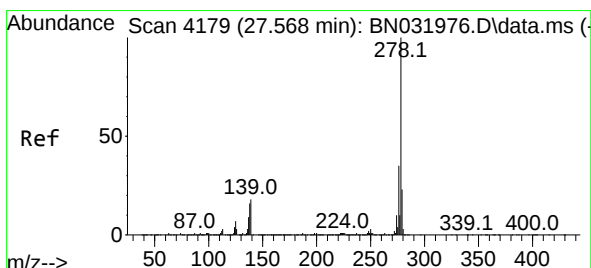
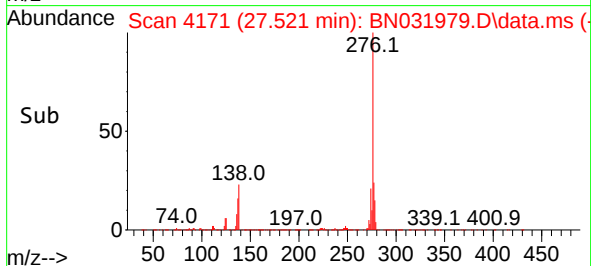
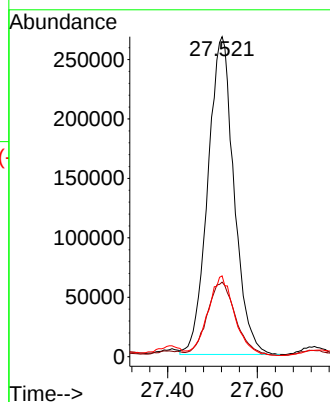
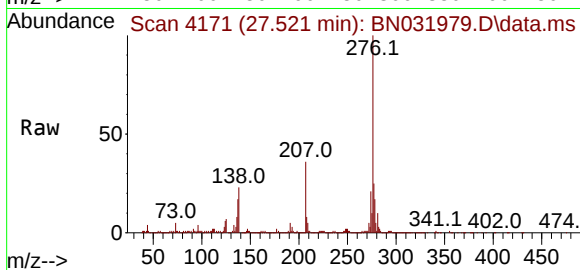
Tgt Ion:276 Resp: 1084691

Ion Ratio Lower Upper

276 100

138 23.3 18.1 27.1

277 25.2 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 5.963 ng/ul

RT: 27.563 min Scan# 4178

Delta R.T. -0.017 min

Lab File: BN031979.D

Acq: 13 Jun 2024 16:16

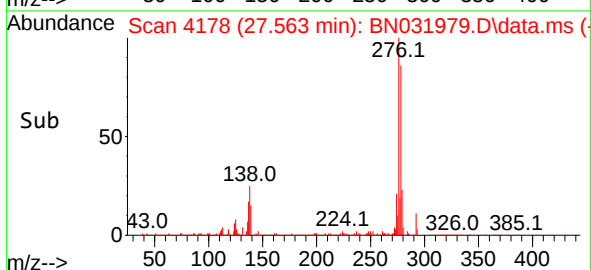
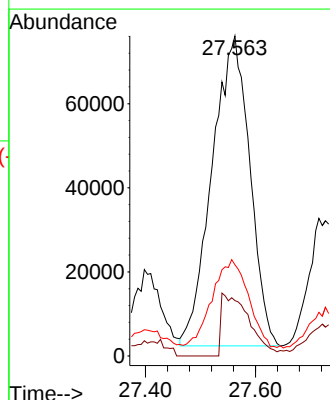
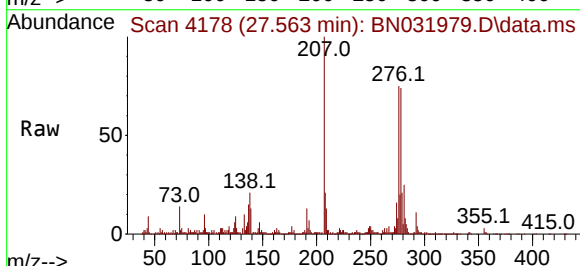
Tgt Ion:278 Resp: 351476

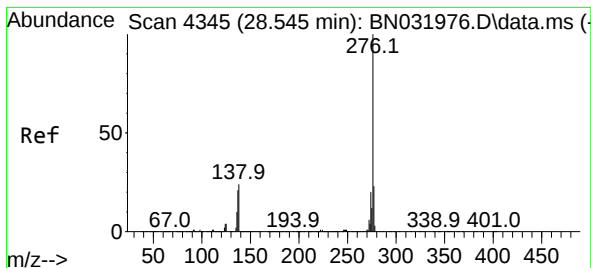
Ion Ratio Lower Upper

278 100

139 17.3 15.0 22.6

279 28.5 17.4 26.0#





#96

Benzo(g,h,i)perylene

Concen: 2.281 ng/ul

RT: 28.539 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN031979.D

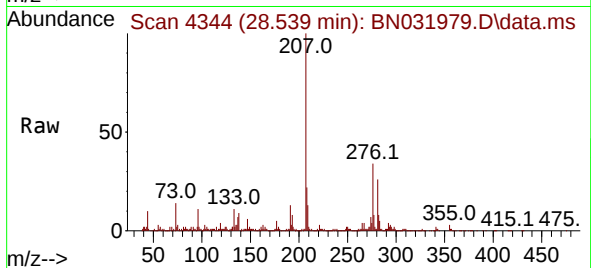
Acq: 13 Jun 2024 16:16

Instrument :

BNA_N

ClientSampleId :

BHC46



Tgt Ion:276 Resp: 130911

Ion Ratio Lower Upper

276 100

138 25.4 20.9 31.3

277 23.9 18.0 27.0

