

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031861.D
 Acq On : 08 Jun 2024 16:31
 Operator : MA/JU
 Sample : P2634-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7

Quant Time: Jun 10 01:44:12 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)

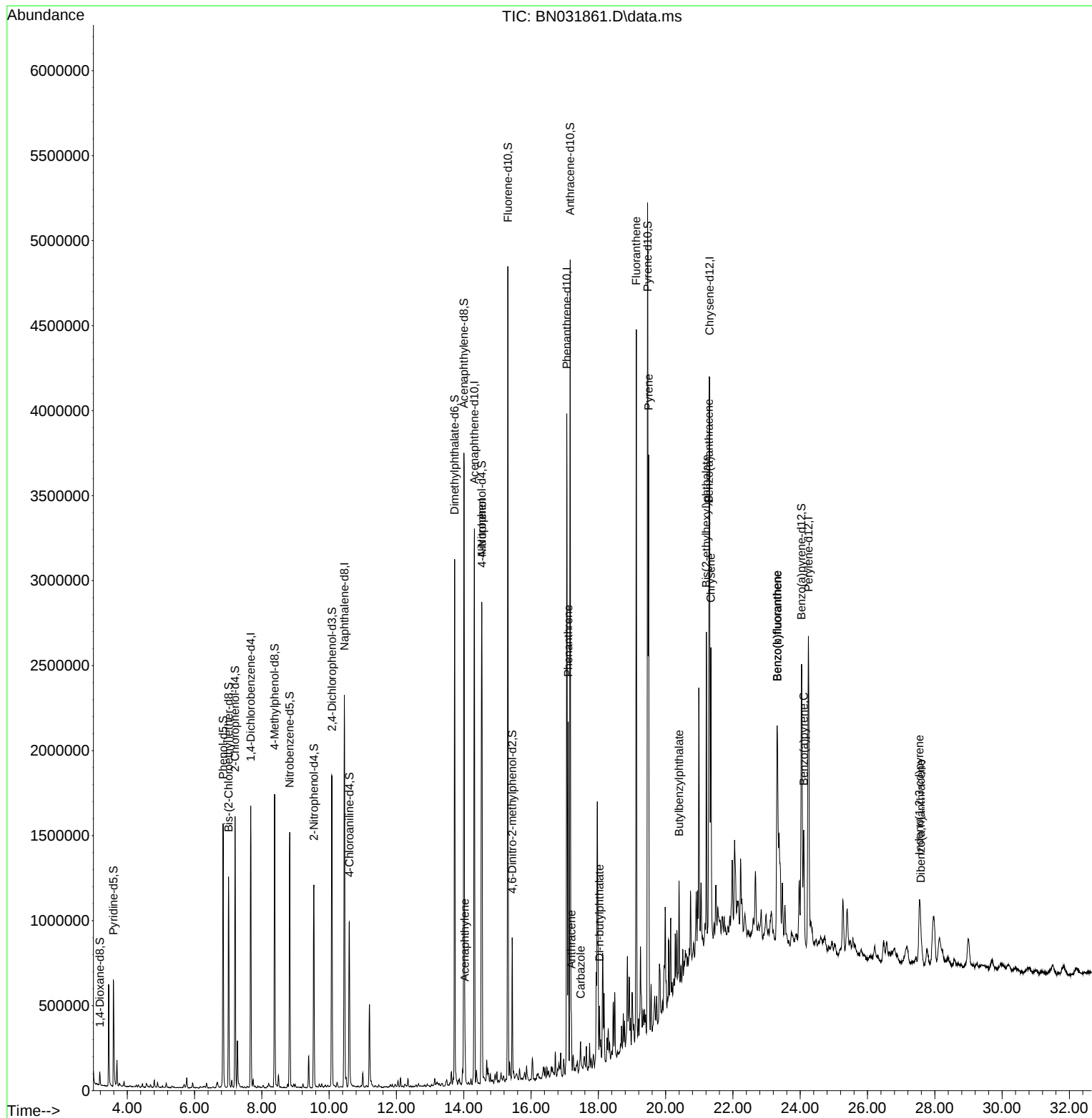
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	453665	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1939970	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1202268	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2305089	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1416996	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1617732	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	41547	3.789	ng/uL	-0.01
4) Pyridine-d5	3.587	84	362055	11.729	ng/u1	-0.01
7) Phenol-d5	6.846	99	944681	24.290	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	512474	22.527	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	760671	25.633	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	705931	22.267	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	394777	26.615	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	425299	27.757	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	732943	25.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	603963	14.220	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2103707	25.117	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2537267	26.345	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	389207	23.208	ng/u1	0.00
60) Fluorene-d10	15.310	176	1849948	26.104	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	171829	14.830	ng/u1	0.00
73) Anthracene-d10	17.163	188	2604331	26.390	ng/u1	0.00
81) Pyrene-d10	19.463	212	2366754	31.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1607699	20.812	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.034	152	182660	1.678	ng/u1	97
55) 4-Nitrophenol	14.540	109	23392	1.880	ng/u1#	42
72) Phenanthrene	17.104	178	1223026	10.415	ng/u1	99
74) Anthracene	17.198	178	234449	1.970	ng/u1	98
77) Carbazole	17.475	167	102534	1.011	ng/u1	100
78) Di-n-butylphthalate	18.034	149	220982	1.583	ng/u1	99
80) Fluoranthene	19.128	202	2424420	26.754	ng/u1	98
82) Pyrene	19.492	202	1999477	21.505	ng/u1	97
83) Butylbenzylphthalate	20.398	149	179178	4.080	ng/u1	95
85) Benzo(a)anthracene	21.286	228	1001330	10.557	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	761078	11.889	ng/u1	100
87) Chrysene	21.345	228	1107499	12.501	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1445776	14.952	ng/u1	97
91) Benzo(k)fluoranthene	23.316	252	1445776	15.237	ng/u1	98
93) Benzo(a)pyrene	24.104	252	644110	7.112	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	562913	5.394	ng/u1	98
95) Dibenzo(a,h)anthracene	27.586	278	182285	2.139	ng/u1#	88

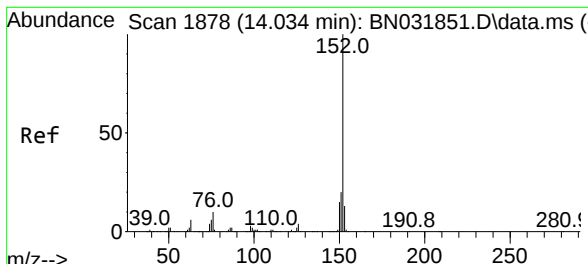
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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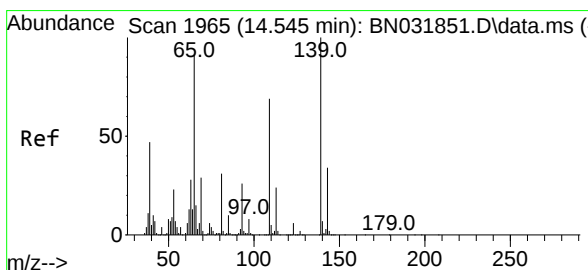
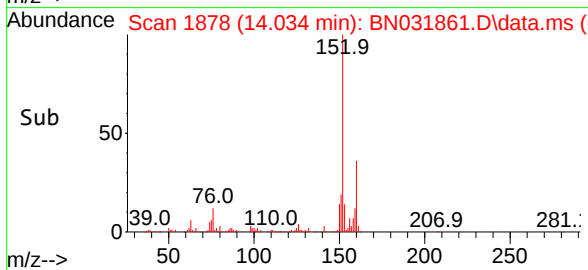
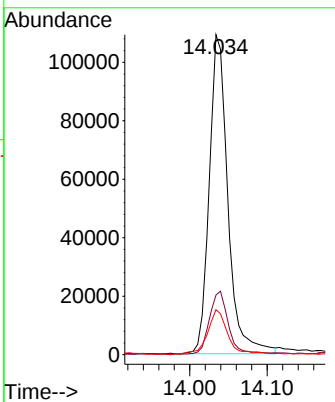
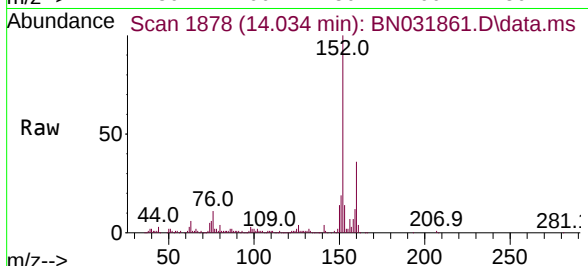


#50
 Acenaphthylene
 Concen: 1.678 ng/ul
 RT: 14.034 min Scan# 1878
 Delta R.T. -0.012 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7

Tgt Ion:152 Resp: 182660

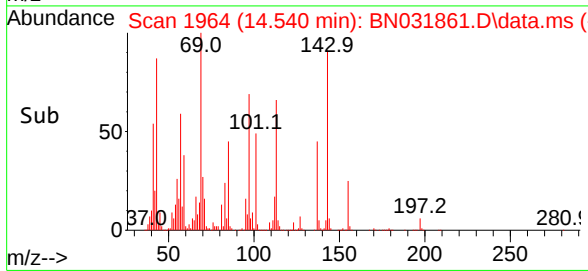
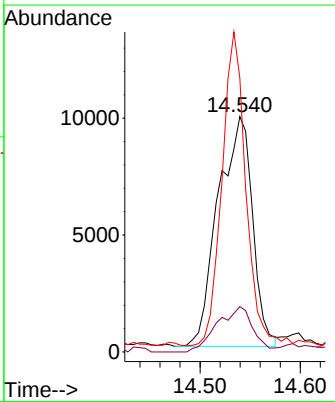
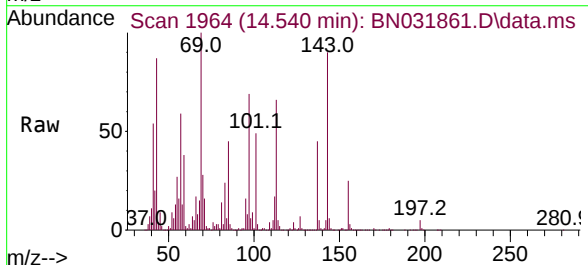
Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	14.0	10.4	15.6

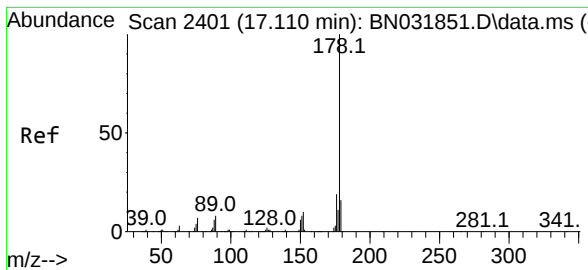


#55
 4-Nitrophenol
 Concen: 1.880 ng/ul
 RT: 14.540 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Tgt Ion:109 Resp: 23392

Ion	Ratio	Lower	Upper
109	100		
139	19.2	113.4	170.2#
65	116.4	106.2	159.2





#72

Phenanthrene

Concen: 10.415 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.012 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

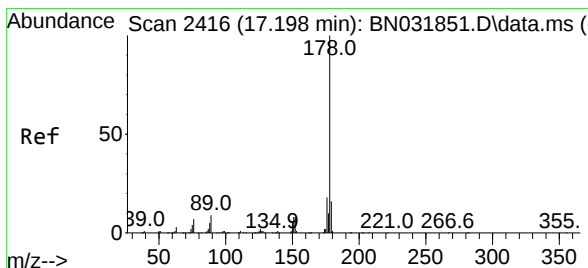
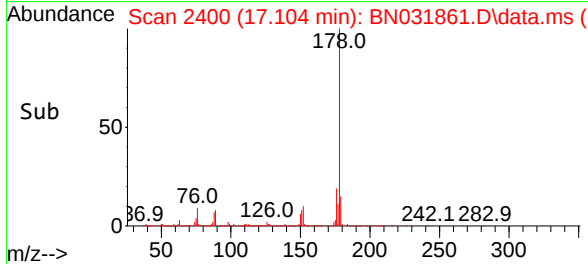
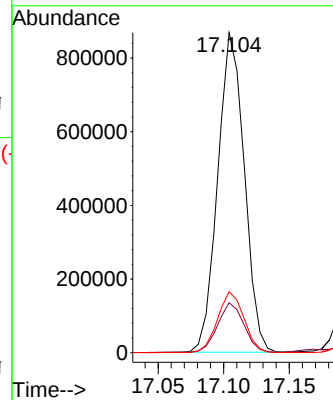
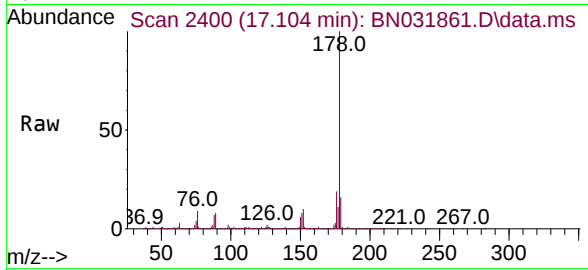
Tgt Ion:178 Resp: 1223026

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.0 15.8 23.6



#74

Anthracene

Concen: 1.970 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

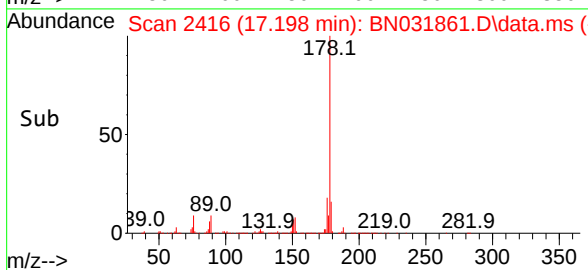
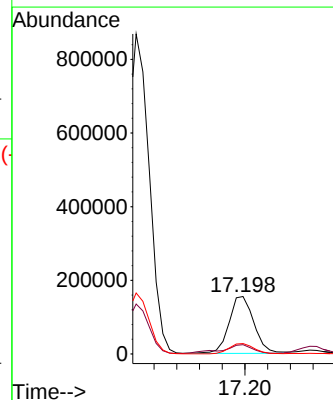
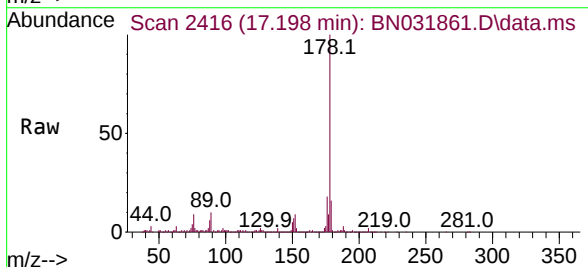
Tgt Ion:178 Resp: 234449

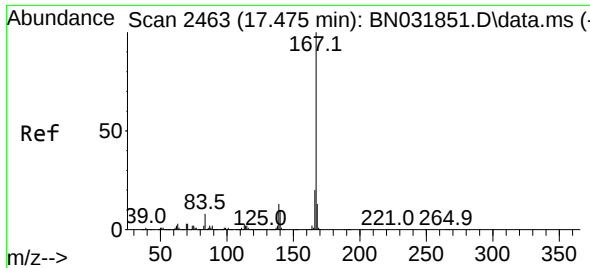
Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.6

176 18.1 14.8 22.2

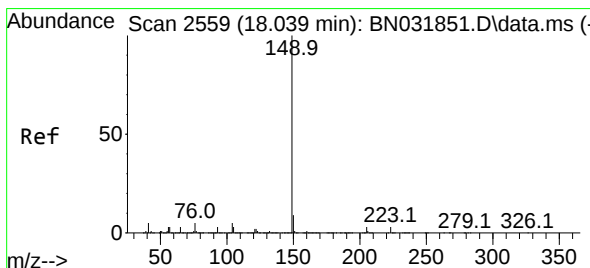
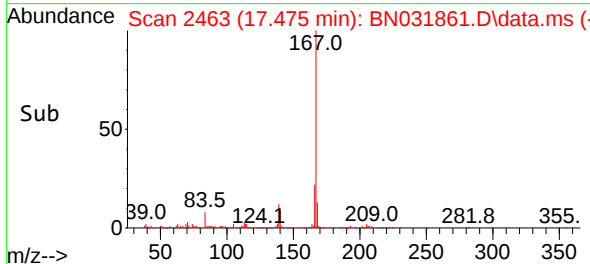
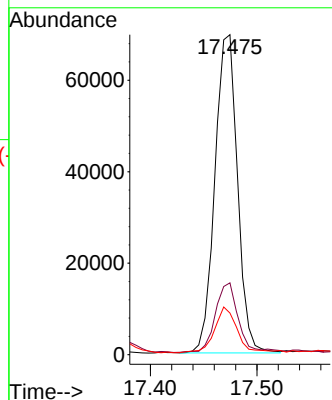
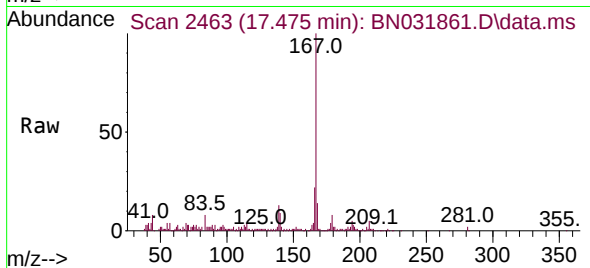




#77
 Carbazole
 Concen: 1.011 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

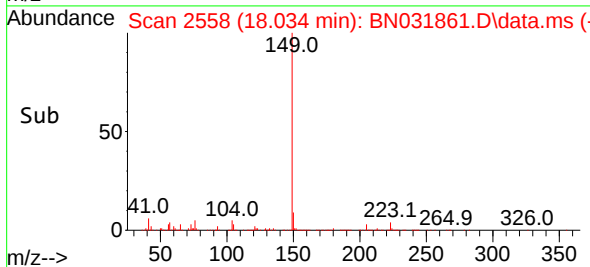
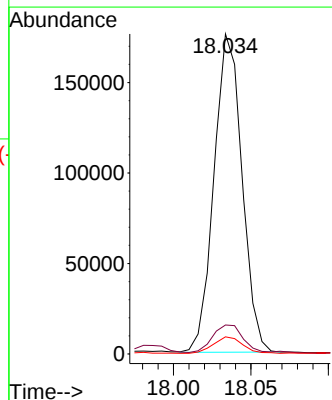
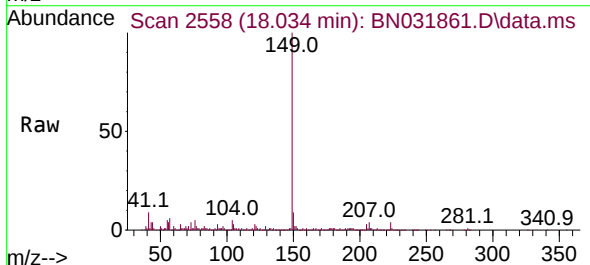
Instrument :
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 BHBW7

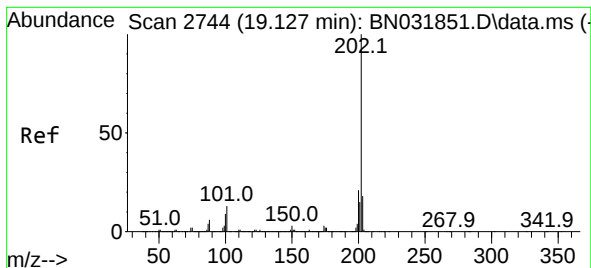
Tgt Ion:167 Resp: 102534
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.0 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 1.583 ng/ul
 RT: 18.034 min Scan# 2558
 Delta R.T. -0.012 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Tgt Ion:149 Resp: 220982
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.4 4.1 6.1





#80

Fluoranthene

Concen: 26.754 ng/u1

RT: 19.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

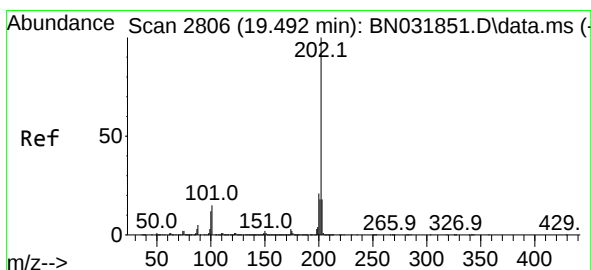
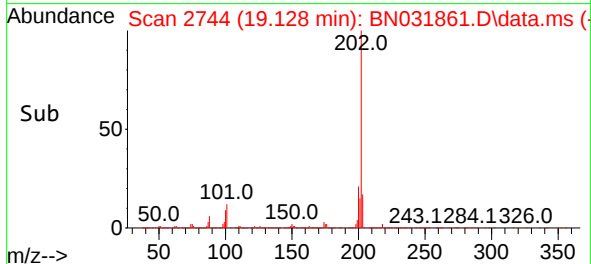
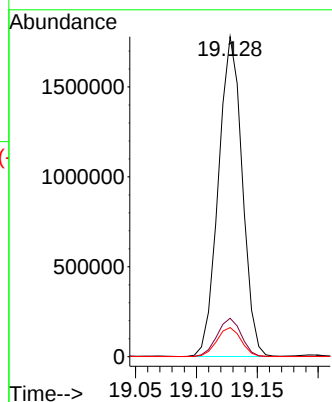
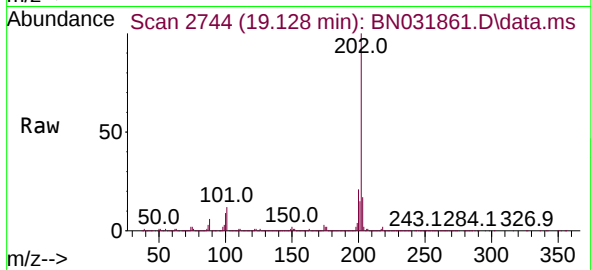
Tgt Ion:202 Resp: 2424420

Ion Ratio Lower Upper

202 100

101 12.0 10.3 15.5

100 9.1 8.0 12.0



#82

Pyrene

Concen: 21.505 ng/u1

RT: 19.492 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

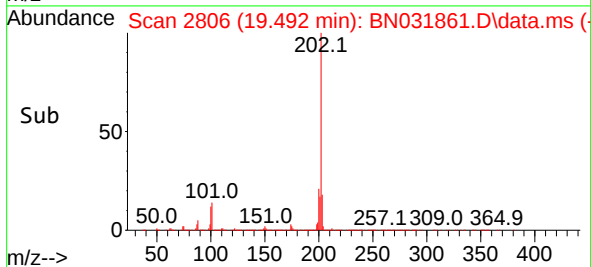
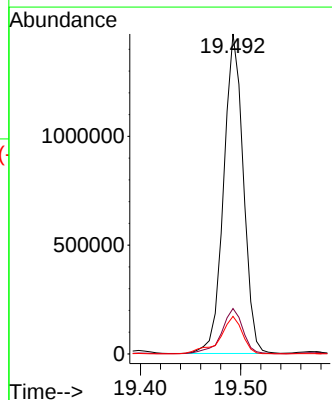
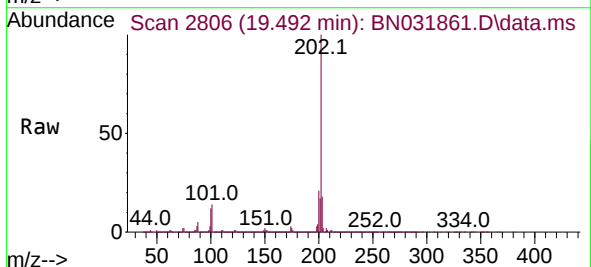
Tgt Ion:202 Resp: 1999477

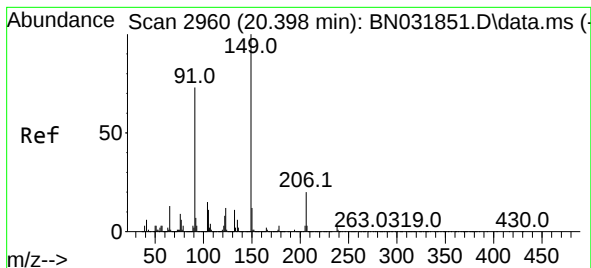
Ion Ratio Lower Upper

202 100

101 14.2 12.6 18.8

100 11.8 10.2 15.2





#83

Butylbenzylphthalate

Concen: 4.080 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

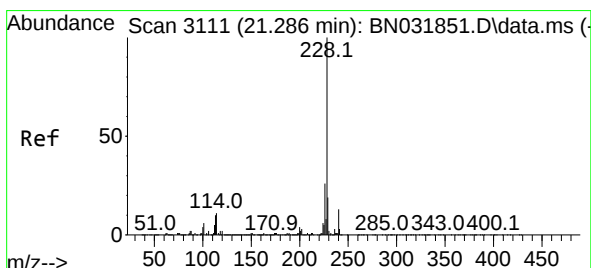
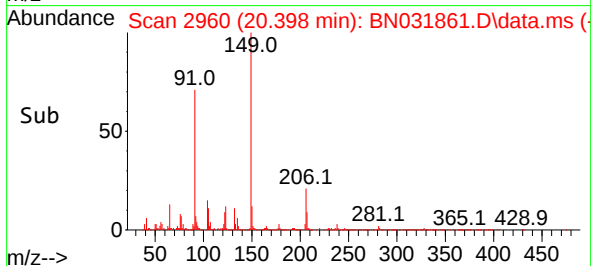
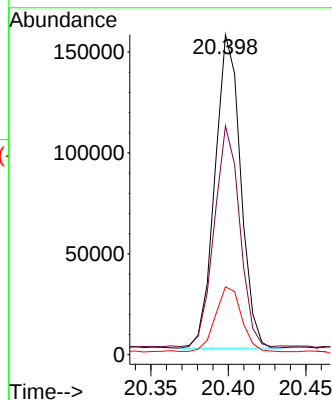
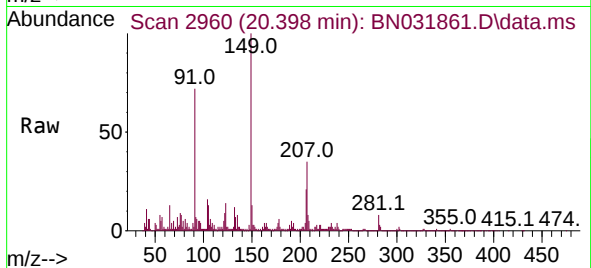
Tgt Ion:149 Resp: 179178

Ion Ratio Lower Upper

149 100

91 71.5 61.0 91.4

206 21.2 16.5 24.7



#85

Benzo(a)anthracene

Concen: 10.557 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

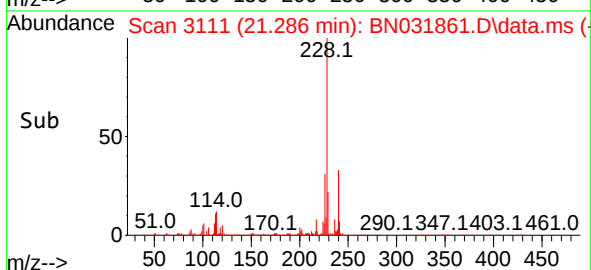
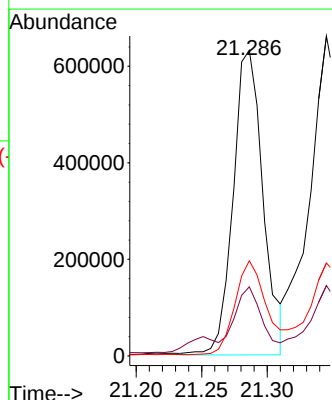
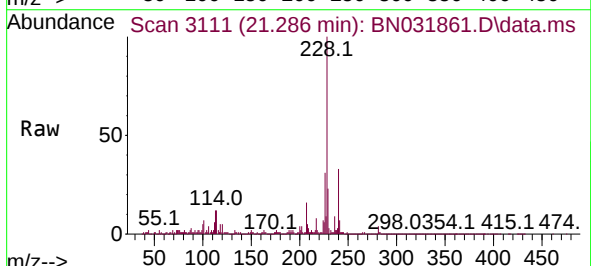
Tgt Ion:228 Resp: 1001330

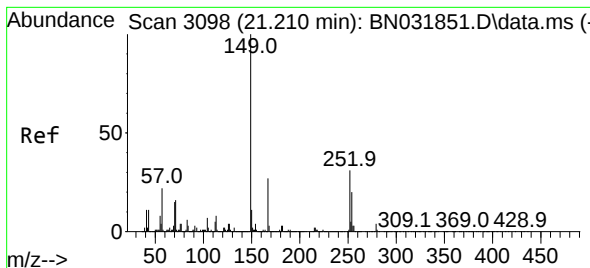
Ion Ratio Lower Upper

228 100

229 22.6 16.7 25.1

226 31.1 22.8 34.2

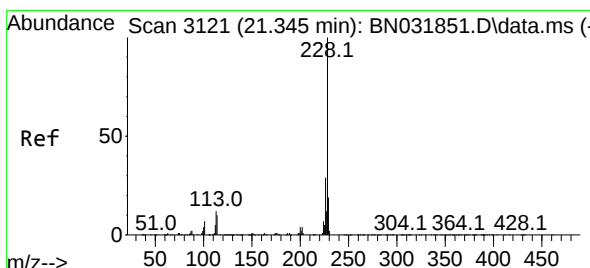
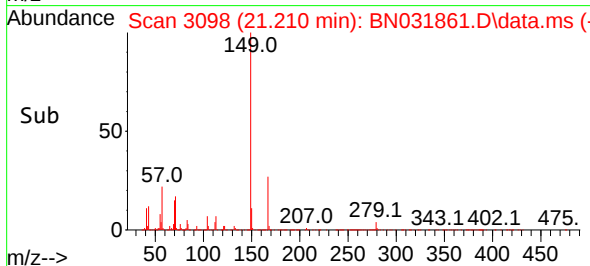
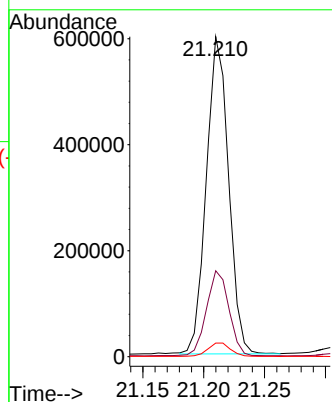
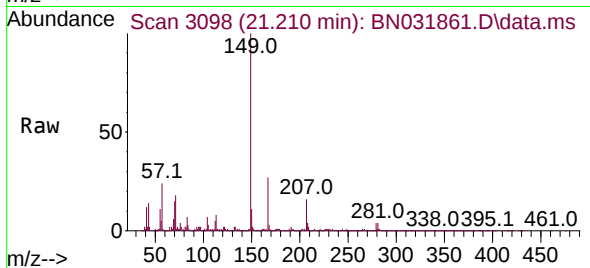




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 11.889 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

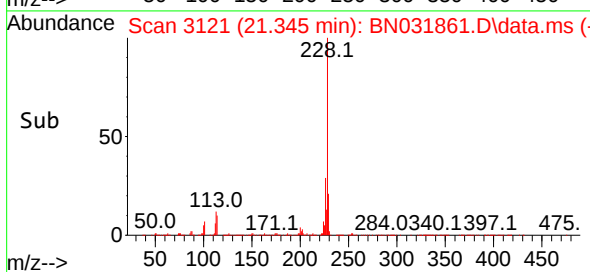
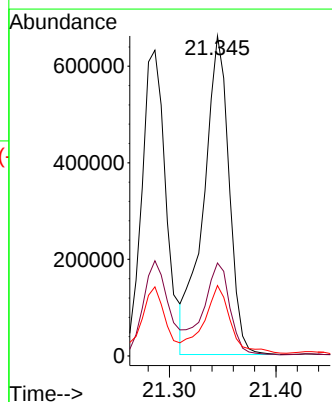
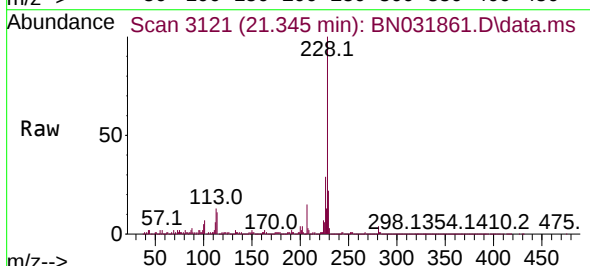
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 BHBW7

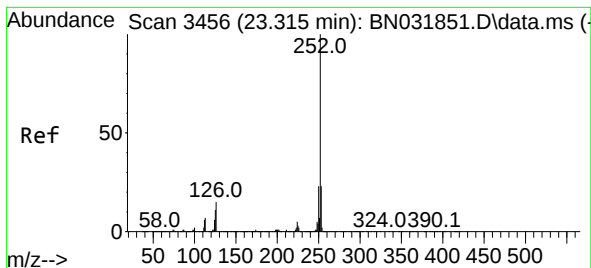
Tgt Ion:149 Resp: 761078
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.3 3.3 4.9



#87
 Chrysene
 Concen: 12.501 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Tgt Ion:228 Resp: 1107499
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.7 35.5
 229 22.0 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 14.952 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

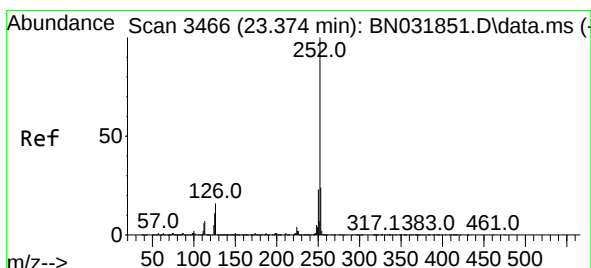
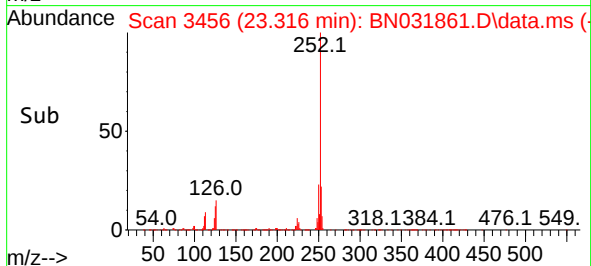
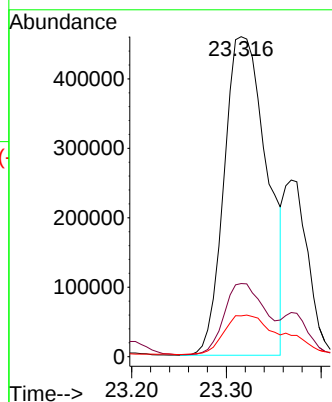
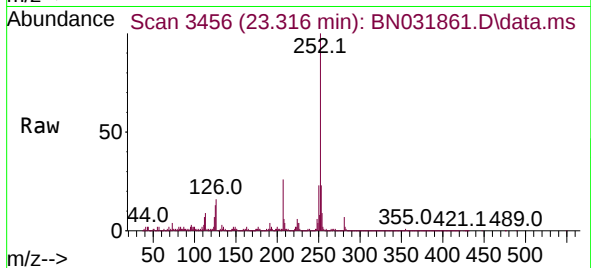
Tgt Ion:252 Resp: 1445776

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 12.7 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 15.237 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. -0.059 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

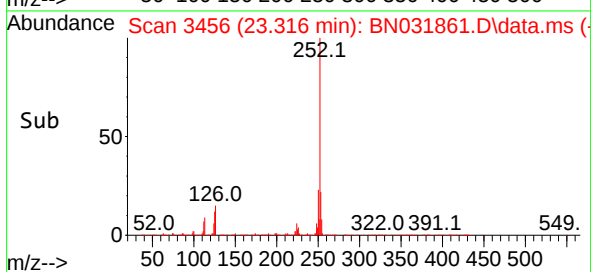
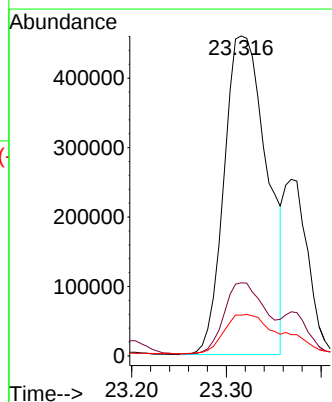
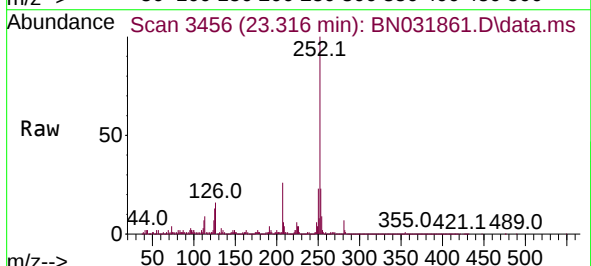
Tgt Ion:252 Resp: 1445776

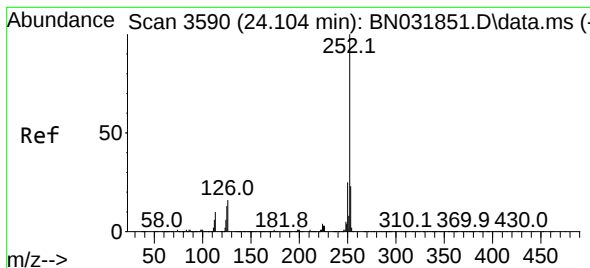
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 12.7 9.4 14.2





#93

Benzo(a)pyrene

Concen: 7.112 ng/ul

RT: 24.104 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

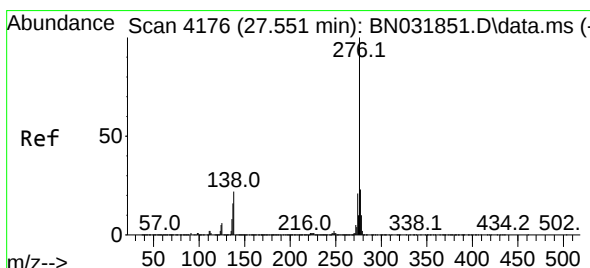
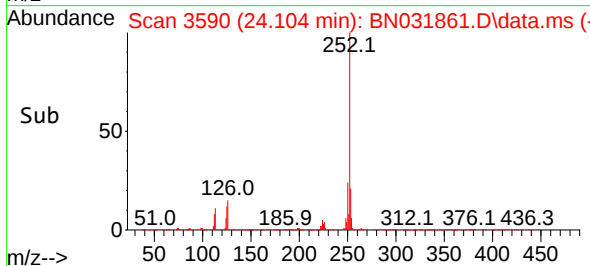
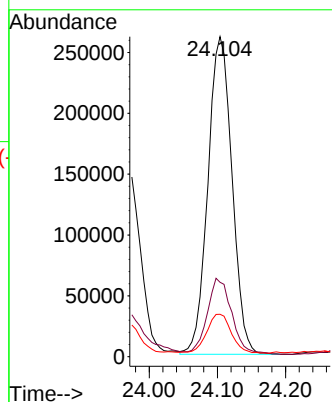
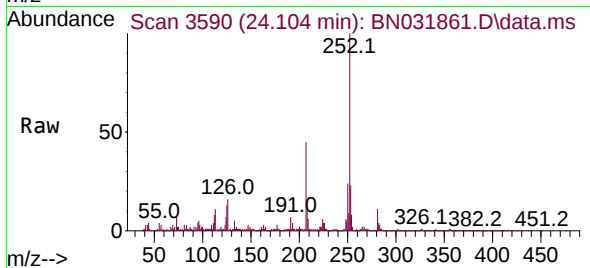
Tgt Ion:252 Resp: 644110

Ion Ratio Lower Upper

252 100

253 23.2 16.6 24.8

125 13.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.394 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

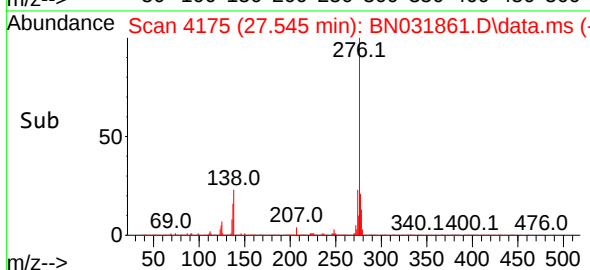
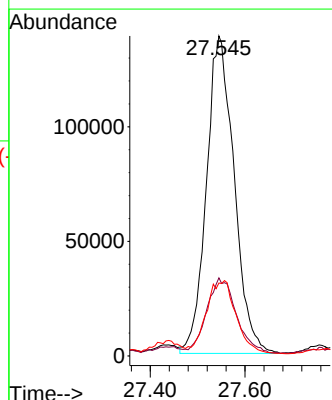
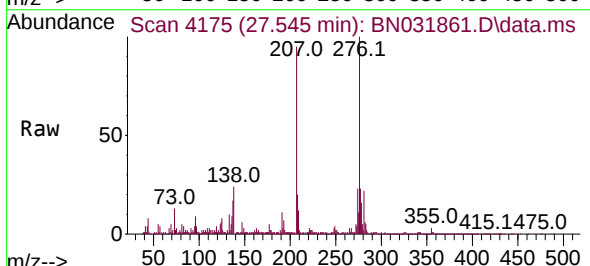
Tgt Ion:276 Resp: 562913

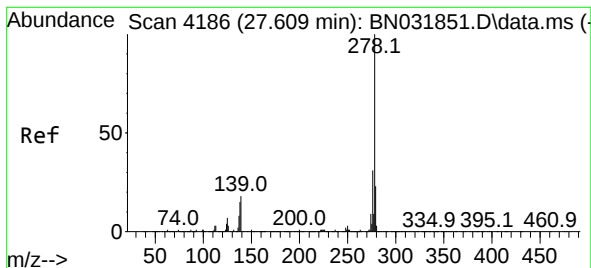
Ion Ratio Lower Upper

276 100

138 24.4 18.1 27.1

277 22.8 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 2.139 ng/ul

RT: 27.586 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN031861.D

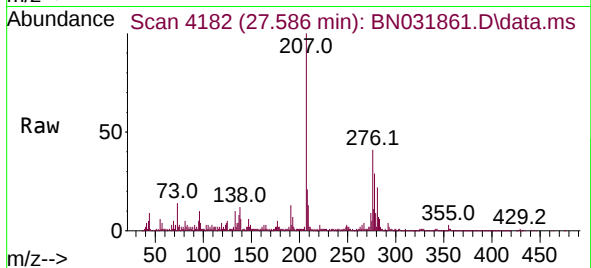
Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7



Tgt Ion:278 Resp: 182285

Ion Ratio Lower Upper

278 100

139 20.5 15.0 22.6

279 30.4 17.4 26.0#

