

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031854.D
 Acq On : 08 Jun 2024 11:55
 Operator : MA/JU
 Sample : P2634-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4

Quant Time: Jun 10 01:41:11 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)

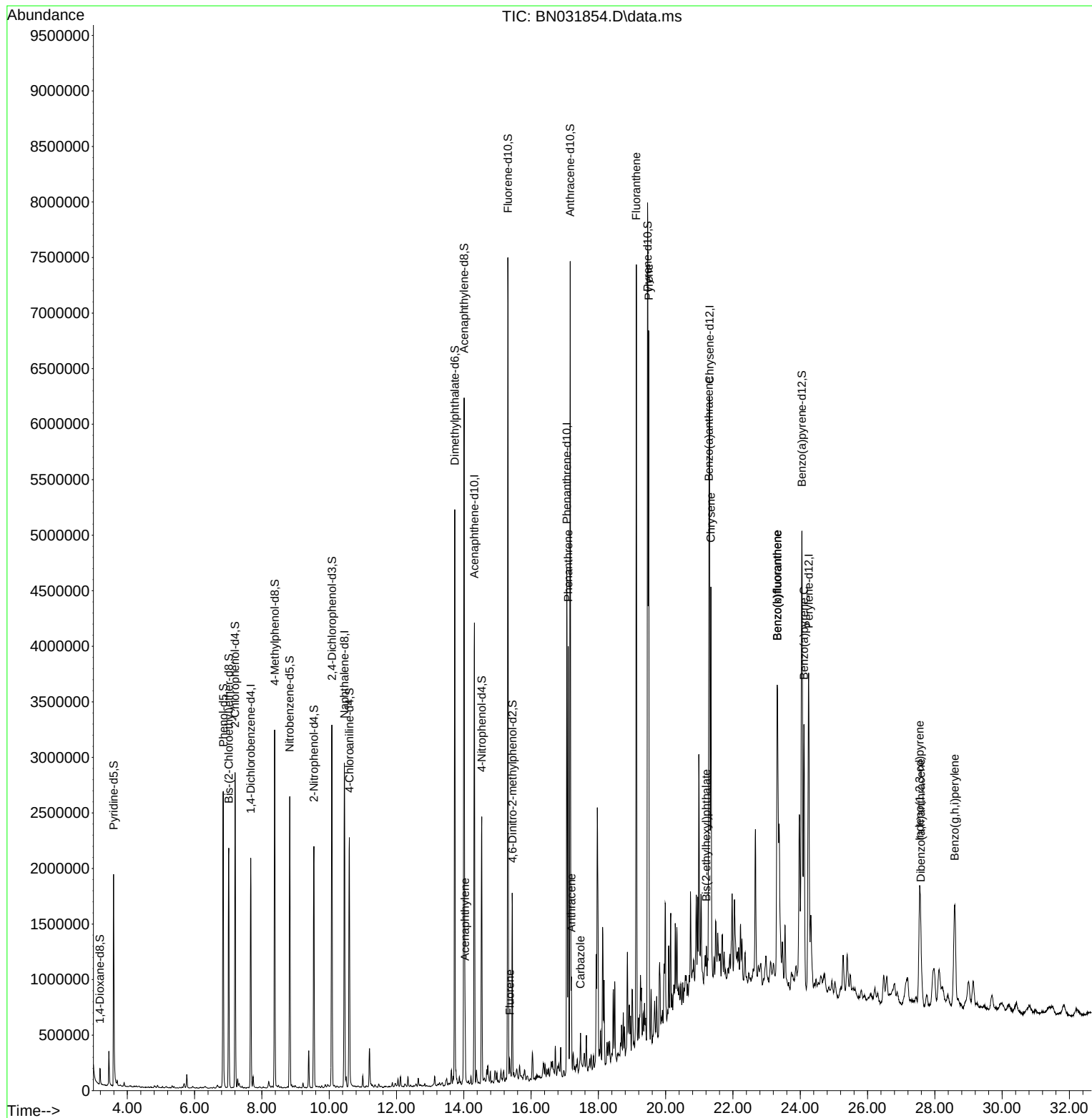
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	585703	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2491196	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1493031	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2732255	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1927716	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2448186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	82311	5.814	ng/uL	0.00
4) Pyridine-d5	3.593	84	1097469	27.538	ng/u1	0.00
7) Phenol-d5	6.852	99	1685797	33.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	923060	31.429	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	1388227	36.235	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	1282049	31.323	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	695827	36.531	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	776406	39.460	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	1271591	34.617	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	1321212	24.225	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	3494712	33.599	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	4213222	35.228	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	630025	30.252	ng/u1	0.00
60) Fluorene-d10	15.310	176	2918185	33.158	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	361042	26.289	ng/u1	0.00
73) Anthracene-d10	17.163	188	4103477	35.080	ng/u1	0.00
81) Pyrene-d10	19.463	212	3818167	37.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	4103286	35.100	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.039	152	530664	3.926	ng/u1	99
61) Fluorene	15.369	166	103897	1.062	ng/u1	95
72) Phenanthrene	17.104	178	2287340	16.434	ng/u1	99
74) Anthracene	17.198	178	549395	3.896	ng/u1	97
77) Carbazole	17.469	167	202521	1.684	ng/u1	99
80) Fluoranthene	19.127	202	4150760	33.669	ng/u1	99
82) Pyrene	19.498	202	3986714	31.519	ng/u1	94
85) Benzo(a)anthracene	21.286	228	2025970	15.701	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	112202	1.288	ng/u1	96
87) Chrysene	21.345	228	2232692	18.525	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	3009287	20.565	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	3009287	20.957	ng/u1	98
93) Benzo(a)pyrene	24.110	252	2138865	15.606	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.551	276	1650147	10.448	ng/u1	97
95) Dibenzo(a,h)anthracene	27.586	278	428685	3.325	ng/u1#	91
96) Benzo(g,h,i)perylene	28.592	276	1575993	12.553	ng/u1	97

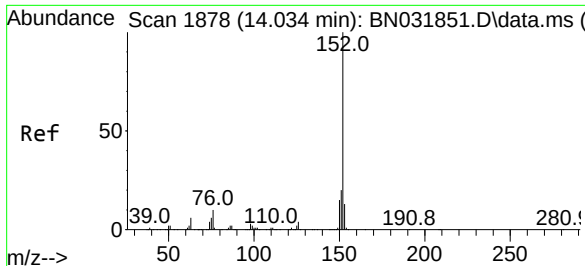
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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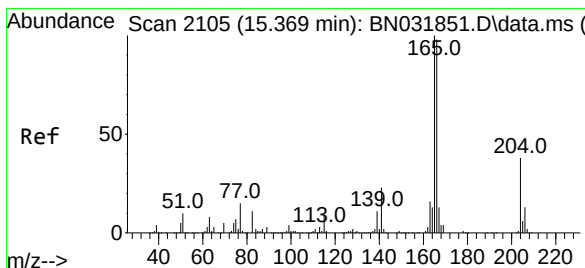
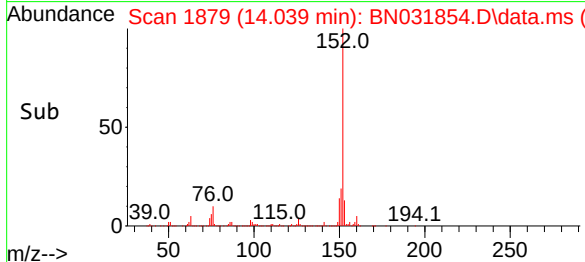
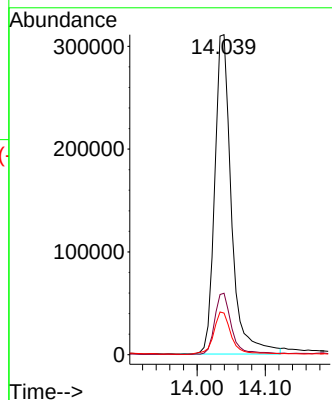
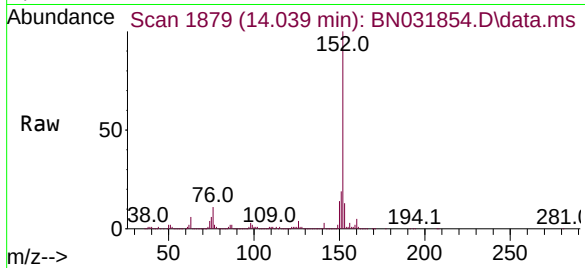




#50
Acenaphthylene
Concen: 3.926 ng/ul
RT: 14.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

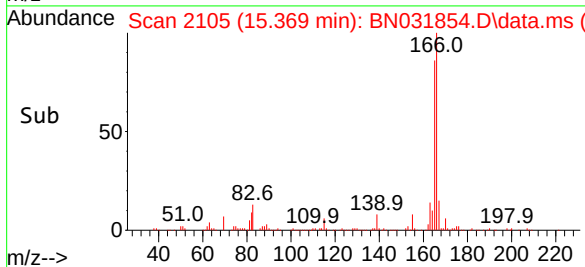
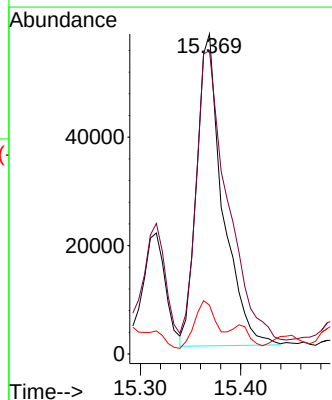
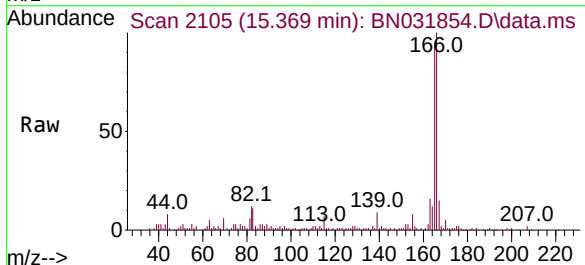
Instrument :
BNA_N
ClientSampleId :
BHBX4

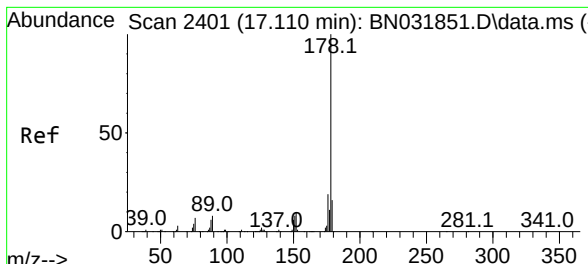
Tgt Ion:152 Resp: 530664
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.0 10.4 15.6



#61
Fluorene
Concen: 1.062 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

Tgt Ion:166 Resp: 103897
Ion Ratio Lower Upper
166 100
165 94.9 80.3 120.5
167 15.3 11.3 16.9



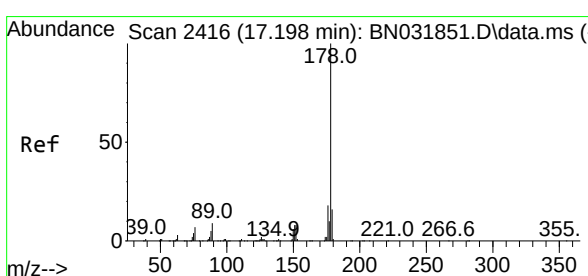
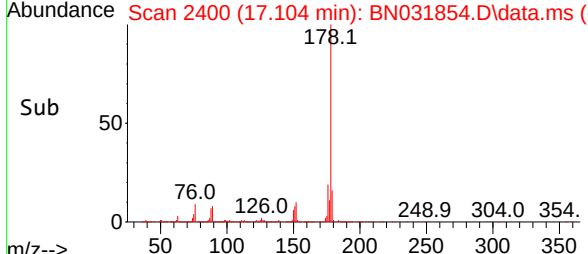
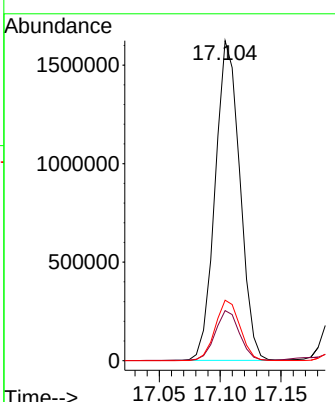
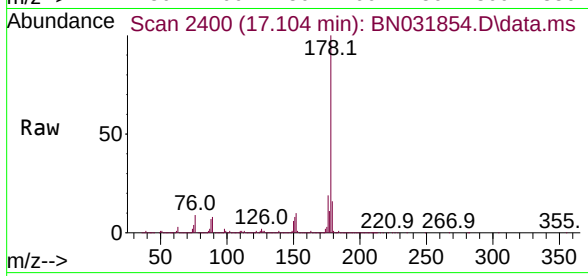


#72
 Phenanthrene
 Concen: 16.434 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4

Tgt Ion:178 Resp: 2287340

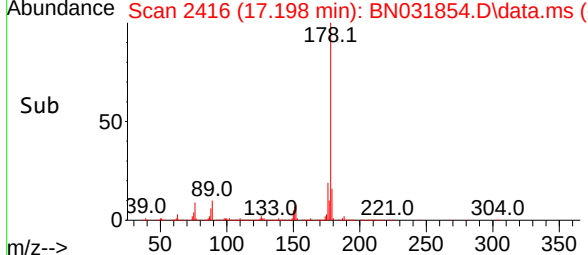
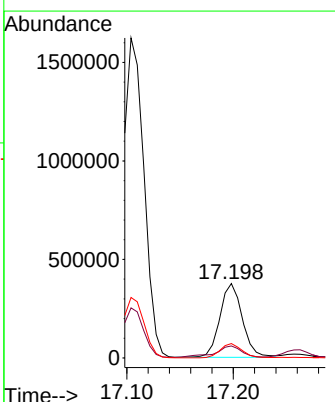
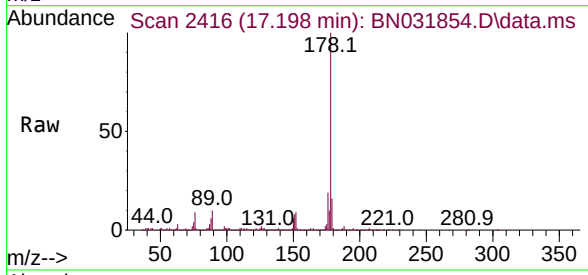
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.9	15.8	23.6

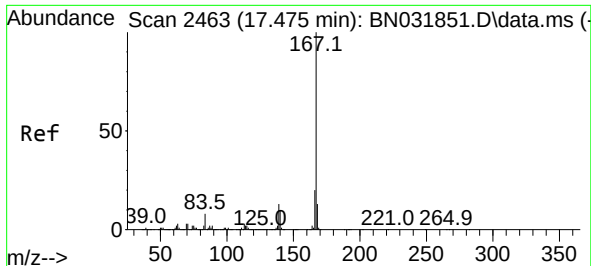


#74
 Anthracene
 Concen: 3.896 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

Tgt Ion:178 Resp: 549395

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	19.4	14.8	22.2

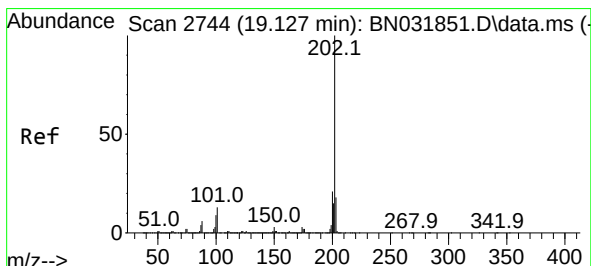
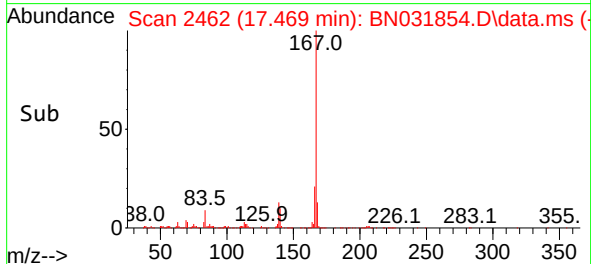
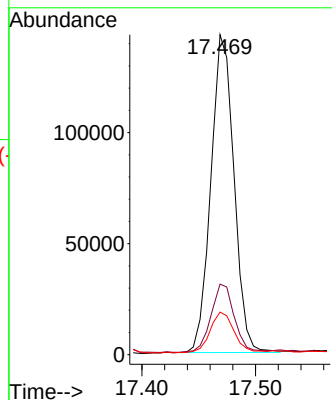
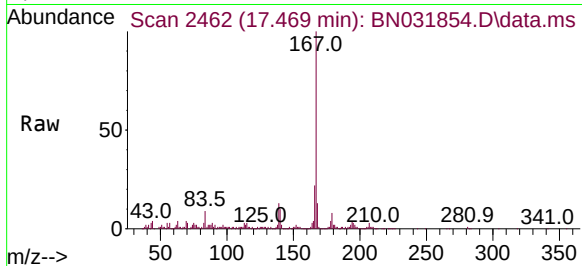




#77
Carbazole
Concen: 1.684 ng/ul
RT: 17.469 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

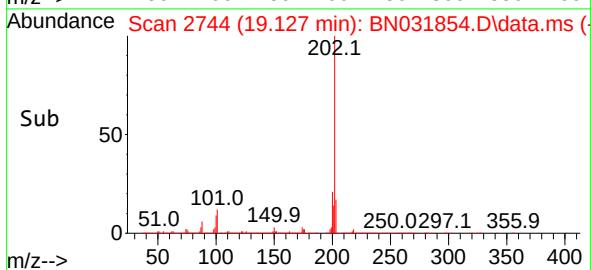
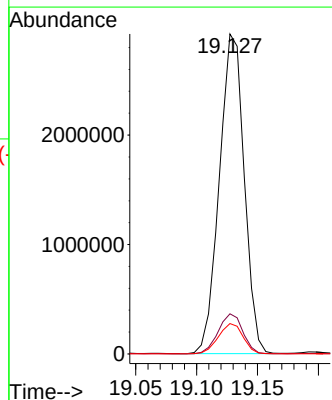
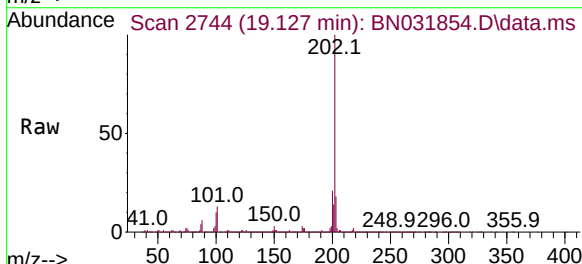
Instrument :
BNA_N
ClientSampleId :
BHBX4

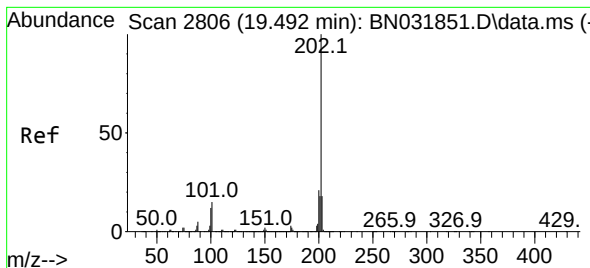
Tgt Ion:167 Resp: 202521
Ion Ratio Lower Upper
167 100
166 22.1 17.9 26.9
139 13.3 10.5 15.7



#80
Fluoranthene
Concen: 33.669 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

Tgt Ion:202 Resp: 4150760
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.5 8.0 12.0





#82

Pyrene

Concen: 31.519 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Instrument :

BNA_N

ClientSampleId :

BHBX4

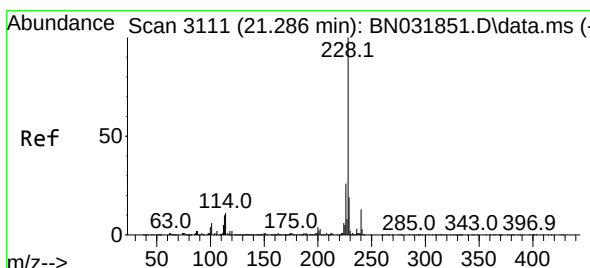
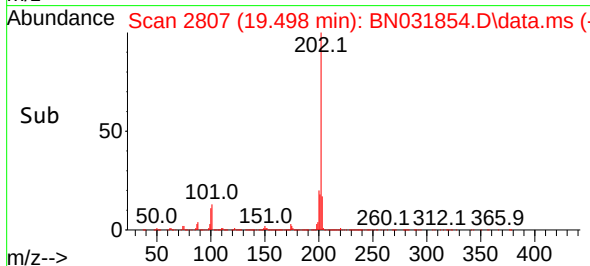
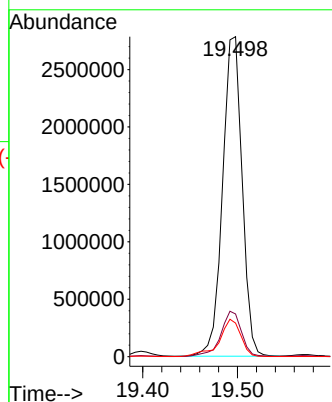
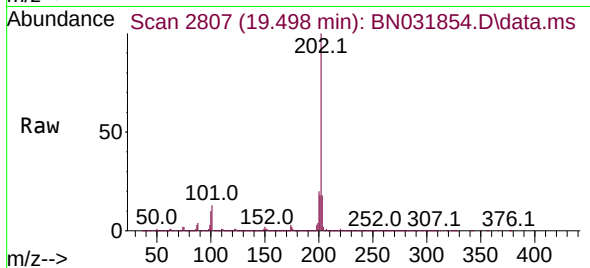
Tgt Ion:202 Resp: 3986714

Ion Ratio Lower Upper

202 100

101 13.4 12.6 18.8

100 10.5 10.2 15.2



#85

Benzo(a)anthracene

Concen: 15.701 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

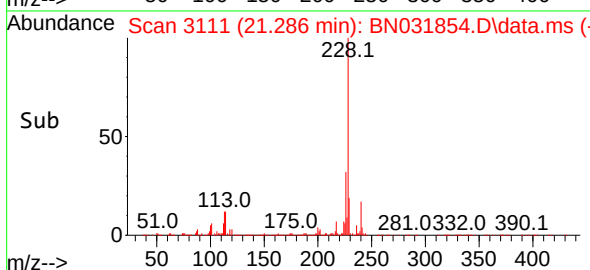
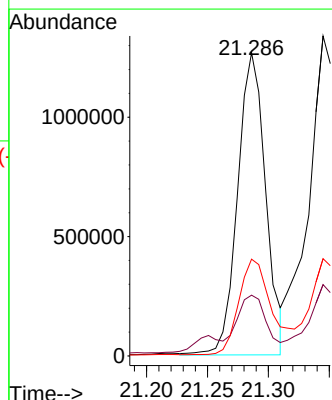
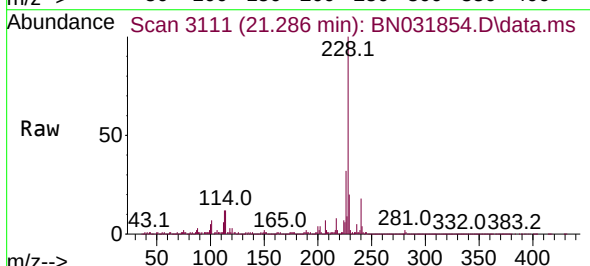
Tgt Ion:228 Resp: 2025970

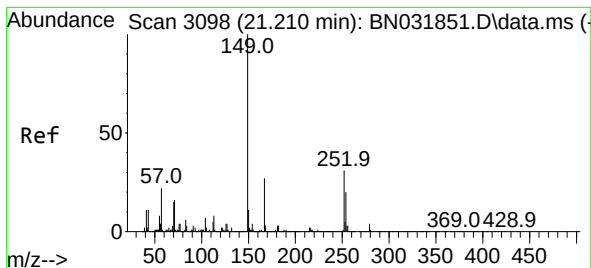
Ion Ratio Lower Upper

228 100

229 20.1 16.7 25.1

226 31.9 22.8 34.2

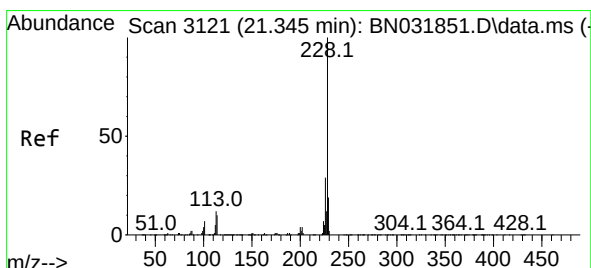
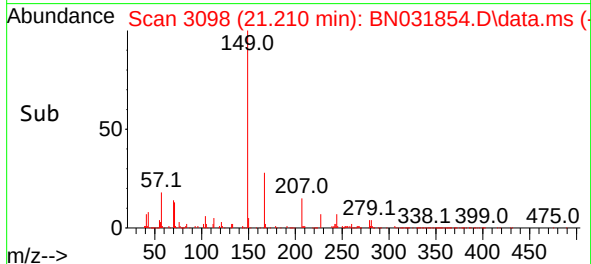
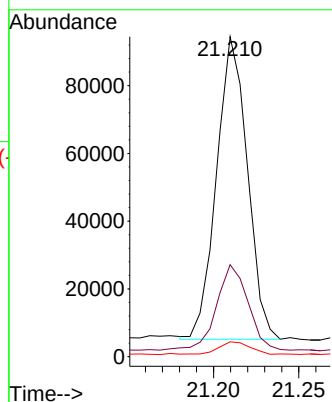
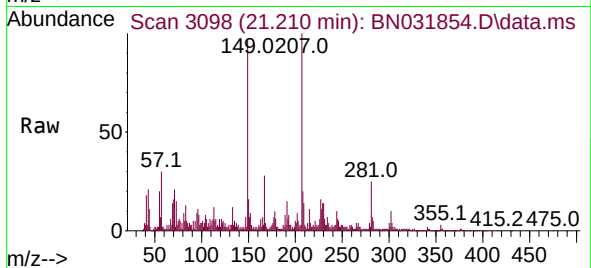




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.288 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

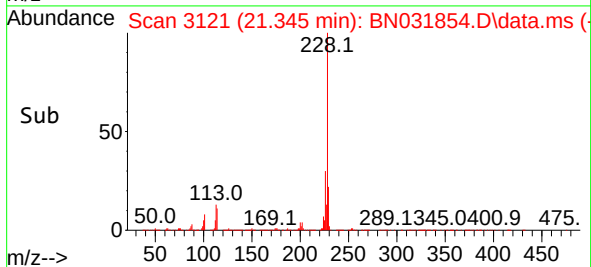
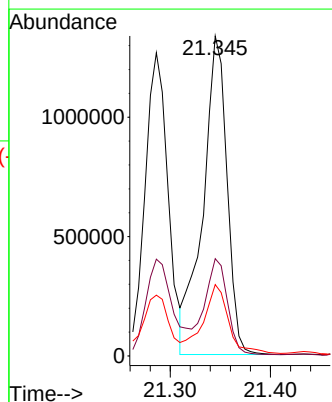
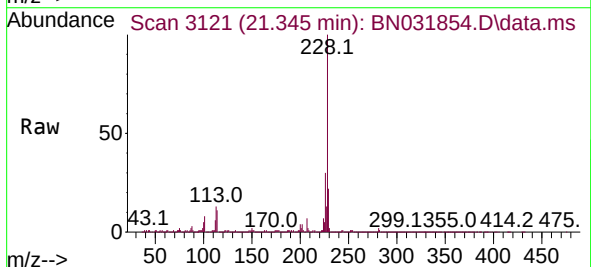
Instrument :
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 ClientSampleId :
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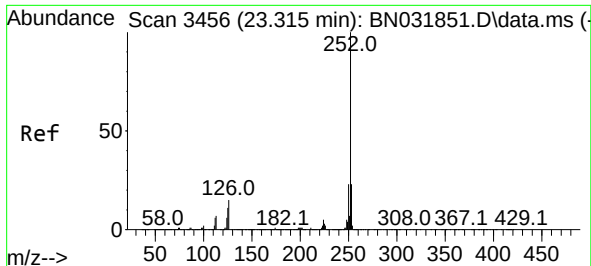
Tgt Ion:149 Resp: 112202
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.4 32.0
 279 4.6 3.3 4.9



#87
 Chrysene
 Concen: 18.525 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

Tgt Ion:228 Resp: 2232692
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.7 35.5
 229 22.3 15.1 22.7

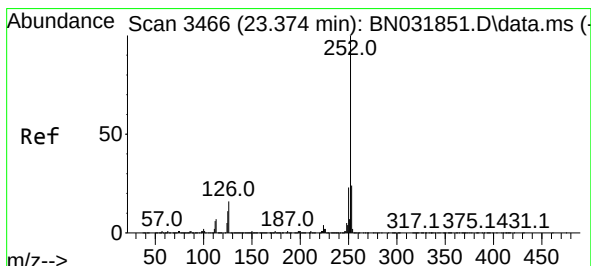
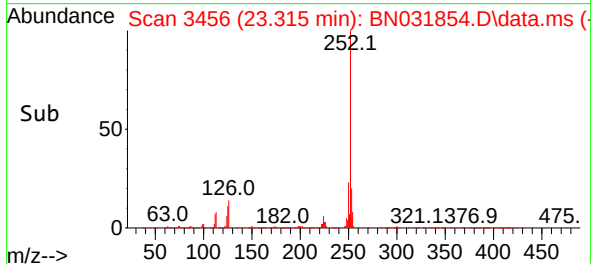
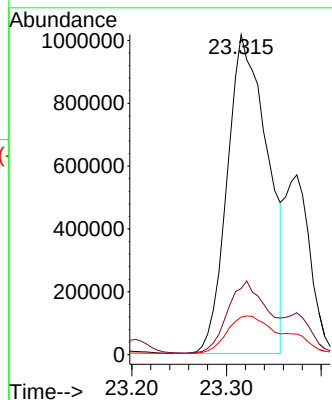
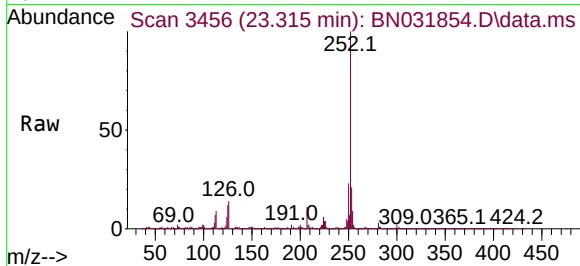




#90
Benzo(b)fluoranthene
Concen: 20.565 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

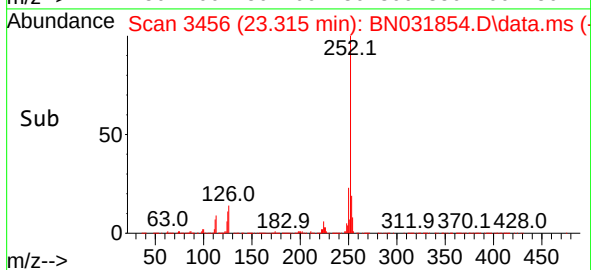
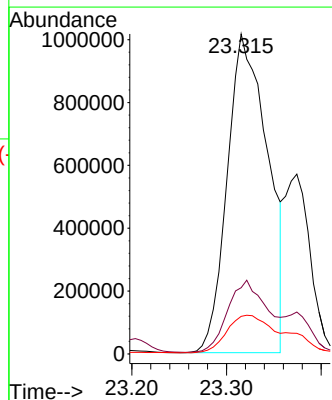
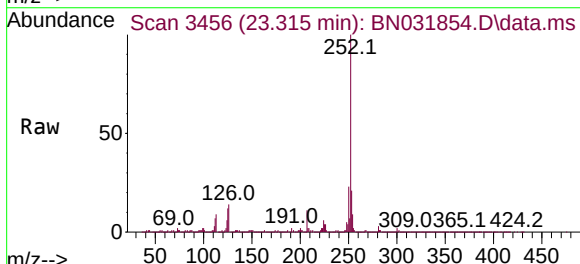
Instrument :
BNA_N
ClientSampleId :
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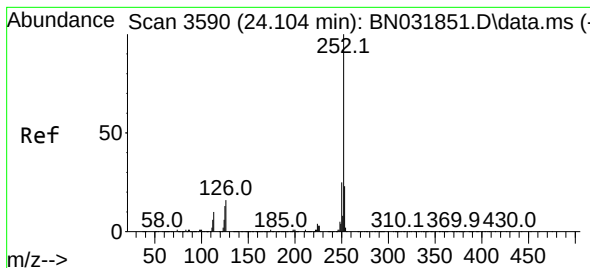
Tgt Ion:252 Resp: 3009287
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 11.8 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 20.957 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. -0.059 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

Tgt Ion:252 Resp: 3009287
Ion Ratio Lower Upper
252 100
253 20.7 17.6 26.4
125 11.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 15.606 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Instrument :

BNA_N

ClientSampleId :

BHBX4

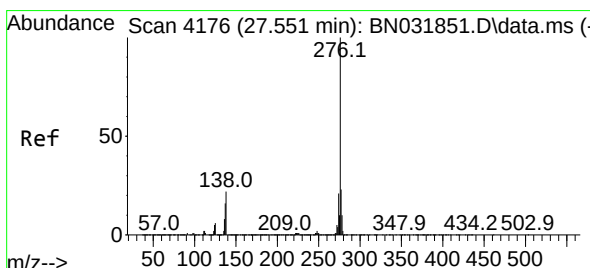
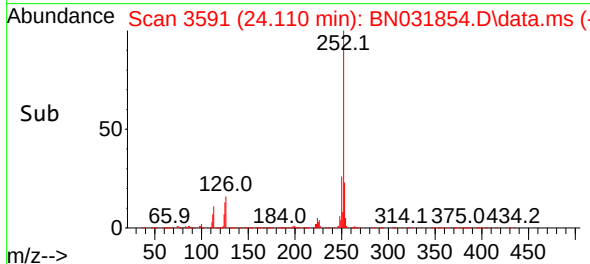
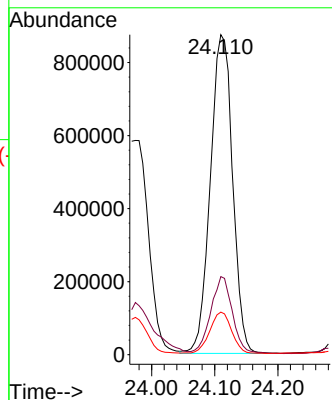
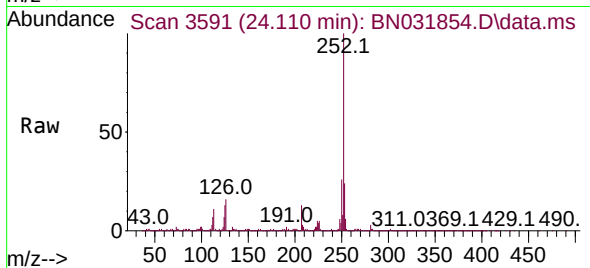
Tgt Ion:252 Resp: 2138865

Ion Ratio Lower Upper

252 100

253 24.4 16.6 24.8

125 13.3 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.448 ng/ul

RT: 27.551 min Scan# 4176

Delta R.T. 0.017 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

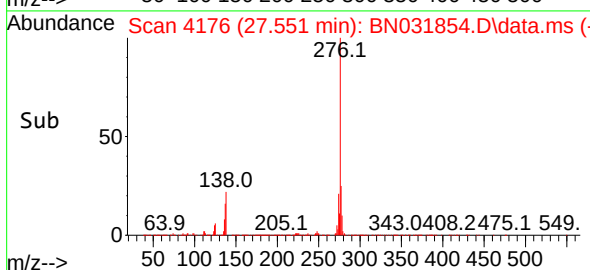
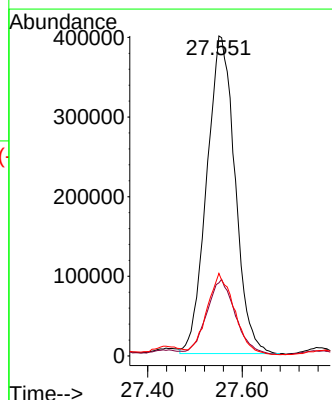
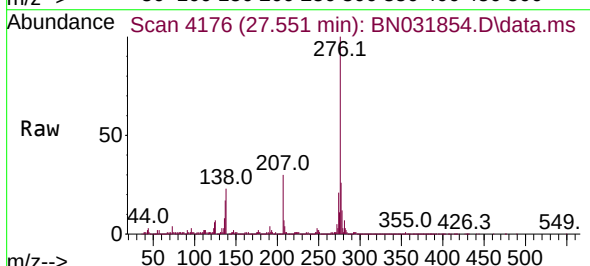
Tgt Ion:276 Resp: 1650147

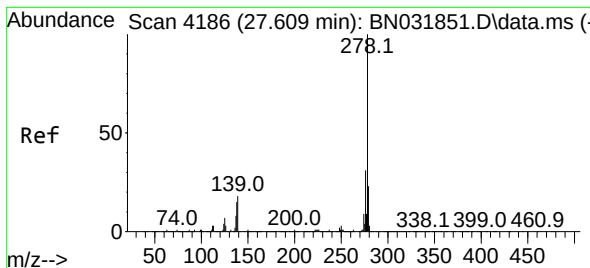
Ion Ratio Lower Upper

276 100

138 22.9 18.1 27.1

277 25.8 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.325 ng/ul

RT: 27.586 min Scan# 4186

Delta R.T. -0.018 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Instrument :

BNA_N

ClientSampleId :

BHBX4

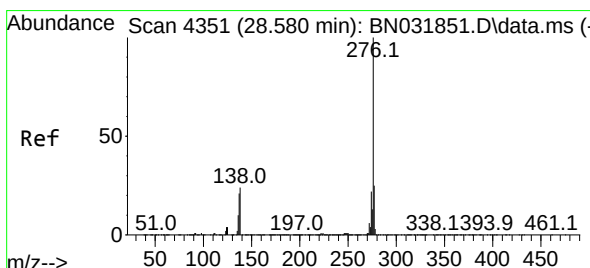
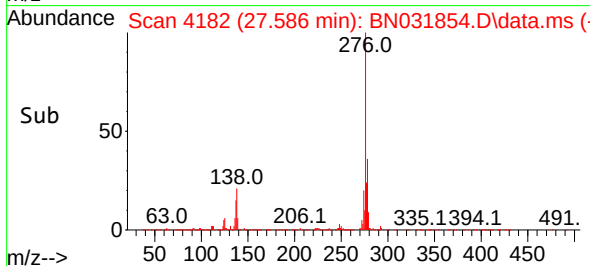
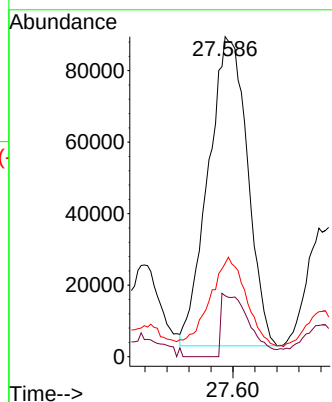
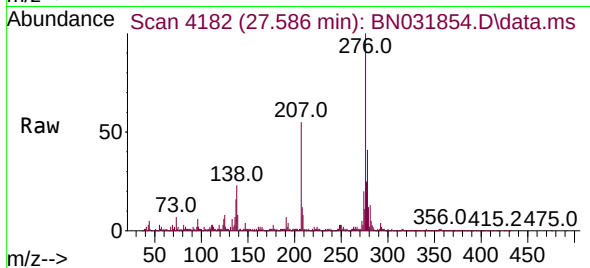
Tgt Ion:278 Resp: 428685

Ion Ratio Lower Upper

278 100

139 19.0 15.0 22.6

279 29.2 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 12.553 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Tgt Ion:276 Resp: 1575993

Ion Ratio Lower Upper

276 100

138 23.6 20.9 31.3

277 21.9 18.0 27.0

