

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031825.D
 Acq On : 06 Jun 2024 19:13
 Operator : MA/JU
 Sample : P2634-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 06 23:39:35 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)

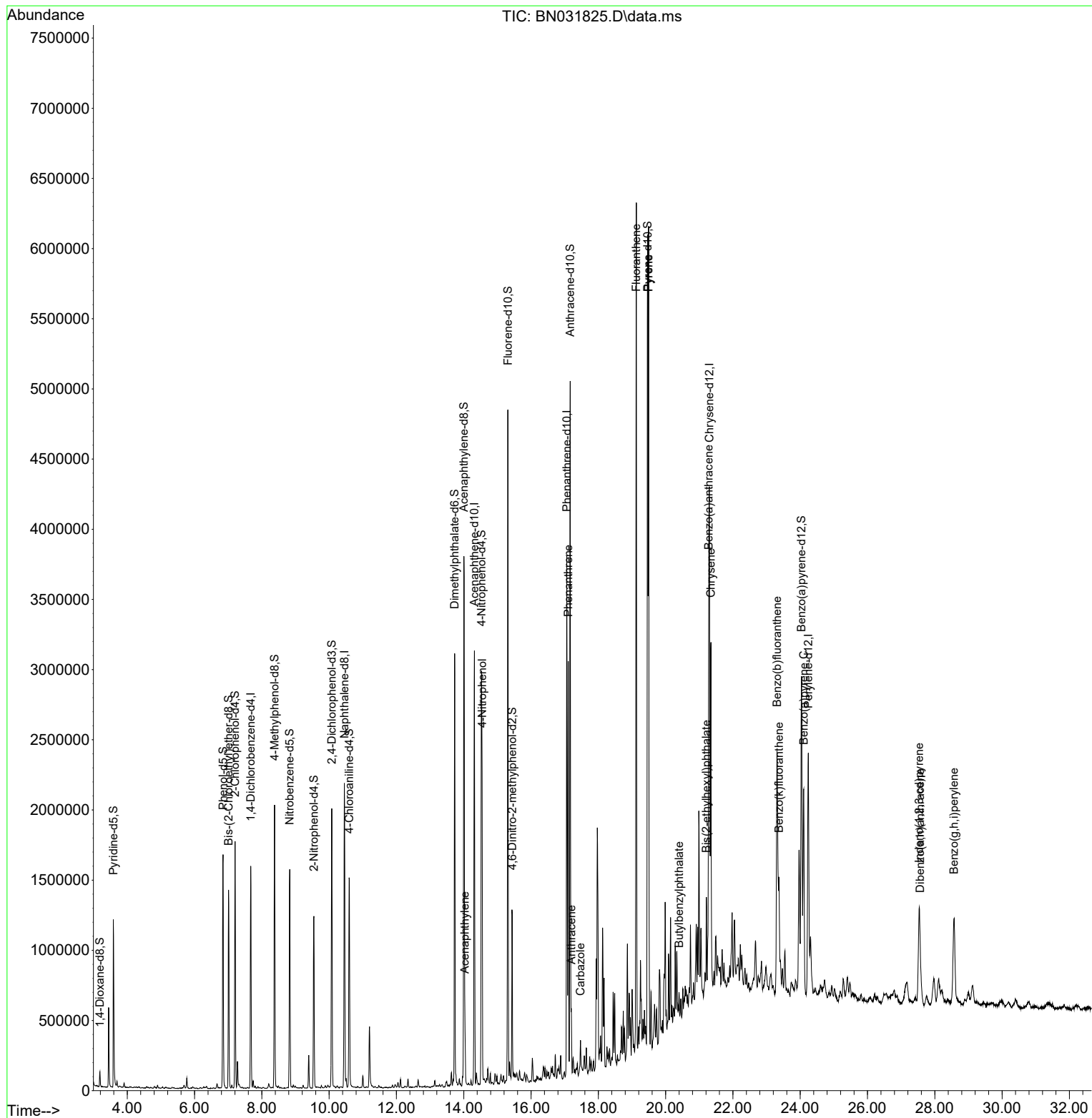
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	446814	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.452	136	1841140	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1089477	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	2203394	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1339885	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1500988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	56415	5.223	ng/uL	0.00
4) Pyridine-d5	3.587	84	681903	22.429	ng/ul	-0.01
7) Phenol-d5	6.846	99	1060089	27.675	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	598518	26.713	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	845673	28.935	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	810114	25.945	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	420662	29.882	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	442768	30.448	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	755698	27.836	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.593	131	893009	22.155	ng/ul	-0.02
46) Dimethylphthalate-d6	13.728	166	2114382	27.858	ng/ul	-0.02
49) Acenaphthylene-d8	14.004	160	2528647	28.974	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.528	143	361057	23.759	ng/ul	0.00
60) Fluorene-d10	15.310	176	1833453	28.550	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	254130	22.946	ng/ul	0.00
73) Anthracene-d10	17.163	188	2727929	28.918	ng/ul	0.00
81) Pyrene-d10	19.463	212	2722097	37.965	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	2042181	28.493	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.034	152	295006	2.991	ng/ul	98
55) 4-Nitrophenol	14.545	109	29596	2.625	ng/ul#	6
72) Phenanthrene	17.104	178	1739054	15.494	ng/ul	99
74) Anthracene	17.198	178	309064	2.717	ng/ul	99
77) Carbazole	17.469	167	132761	1.369	ng/ul	100
80) Fluoranthene	19.128	202	3462574	40.409	ng/ul	99
82) Pyrene	19.492	202	3333528	37.917	ng/ul	98
83) Butylbenzylphthalate	20.398	149	56494	1.361	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1445831	16.121	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	267740	4.423	ng/ul	100
87) Chrysene	21.345	228	1577446	18.830	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	1646950	18.357	ng/ul	98
91) Benzo(k)fluoranthene	23.369	252	521877	5.928	ng/ul	97
93) Benzo(a)pyrene	24.104	252	1344878	16.005	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	1000398	10.332	ng/ul	99
95) Dibenzo(a,h)anthracene	27.562	278	107966	1.366	ng/ul#	74
96) Benzo(g,h,i)perylene	28.568	276	1003819	13.041	ng/ul	98

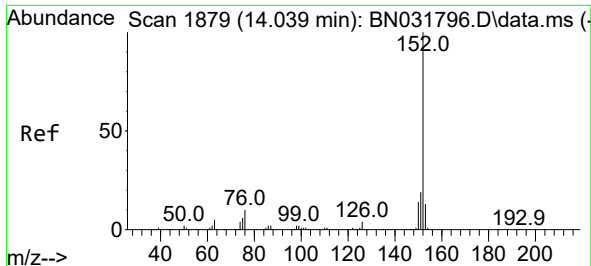
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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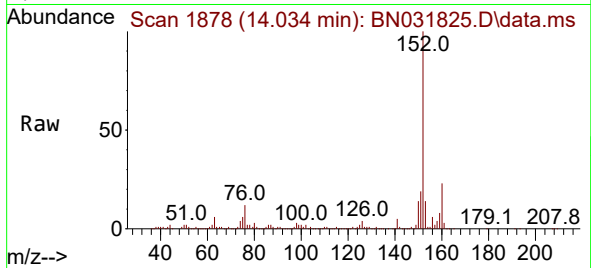
Quant Time: Jun 06 23:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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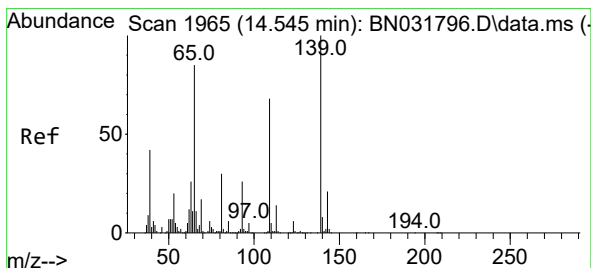
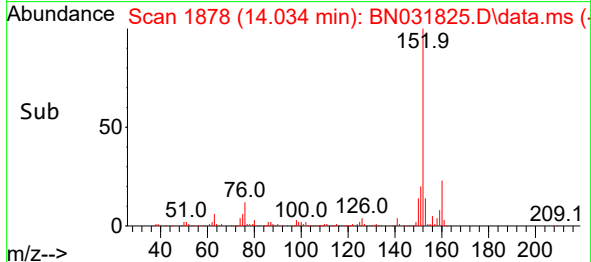
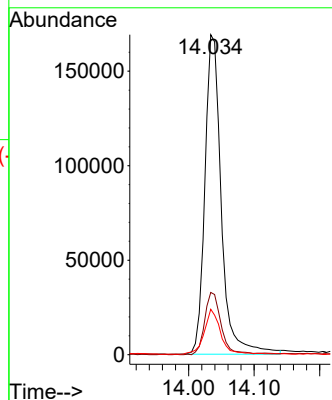


#50
Acenaphthylene
Concen: 2.991 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

Instrument :
BNA_N
ClientSampleId :

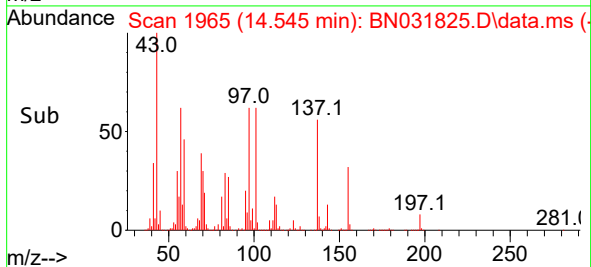
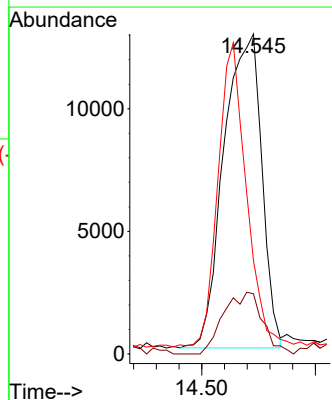
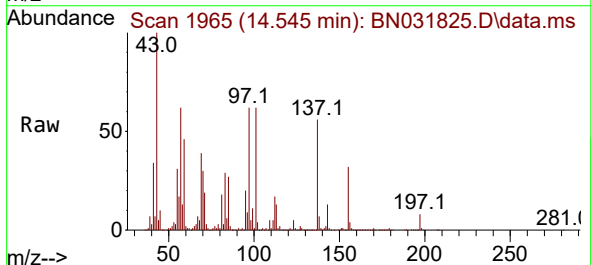


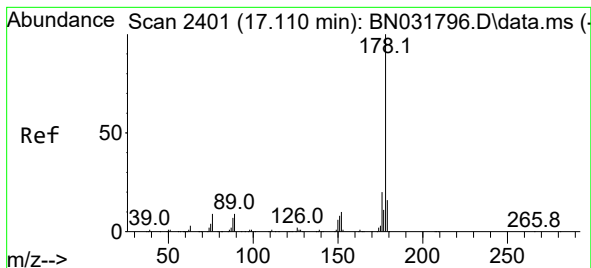
Tgt Ion:152 Resp: 295006
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 14.2 10.4 15.6



#55
4-Nitrophenol
Concen: 2.625 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BN031825.D
Acq: 06 Jun 2024 19:13

Tgt Ion:109 Resp: 29596
Ion Ratio Lower Upper
109 100
139 18.8 113.4 170.2#
65 29.1 106.2 159.2#





#72

Phenanthrene

Concen: 15.494 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.012 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

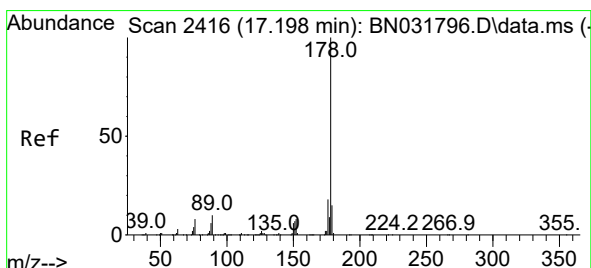
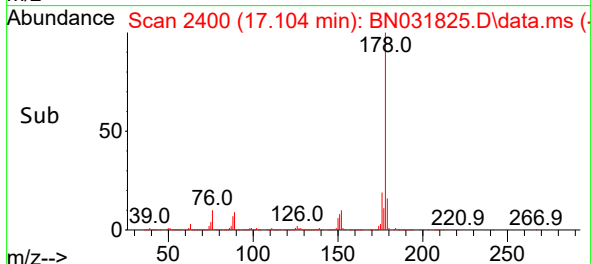
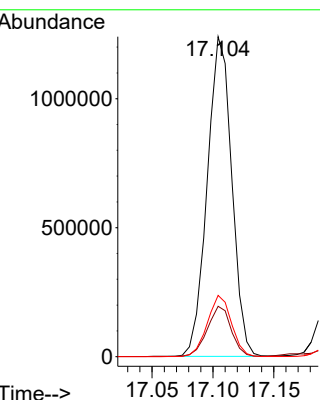
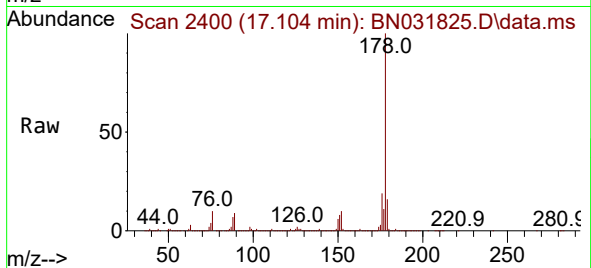
Tgt Ion:178 Resp: 1739054

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.1 15.8 23.6



#74

Anthracene

Concen: 2.717 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

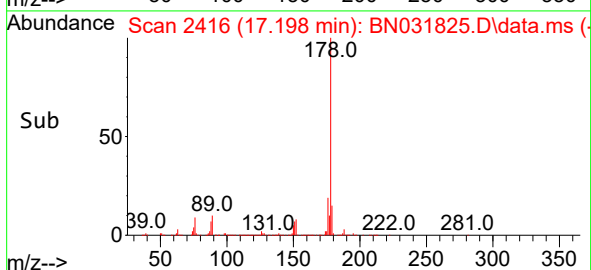
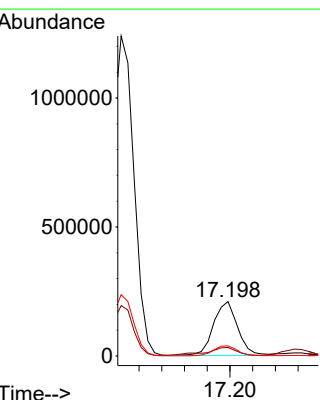
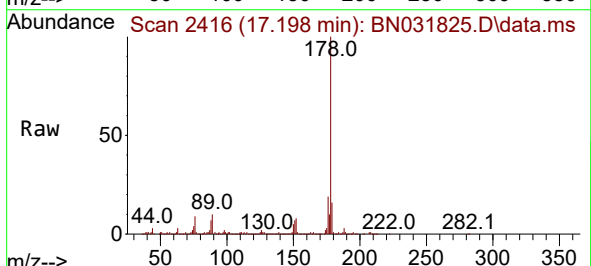
Tgt Ion:178 Resp: 309064

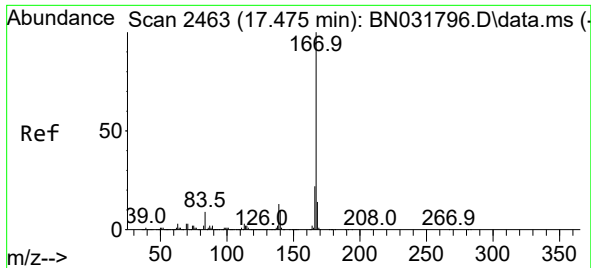
Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.6

176 18.7 14.8 22.2

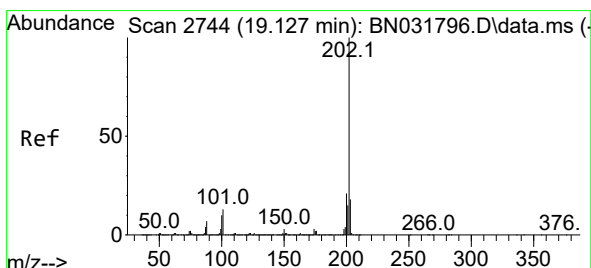
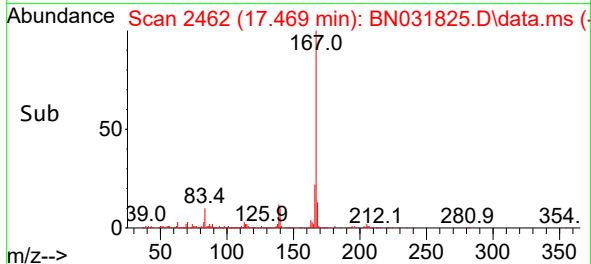
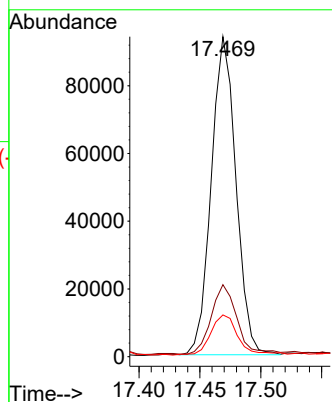
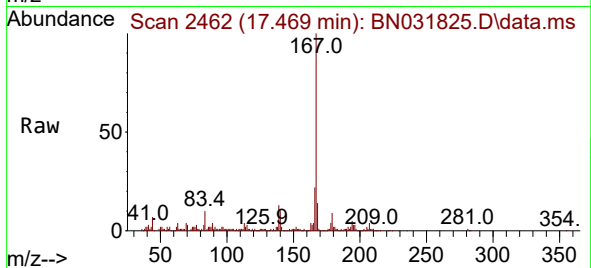




#77
 Carbazole
 Concen: 1.369 ng/ul
 RT: 17.469 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BN031825.D
 Acq: 06 Jun 2024 19:13

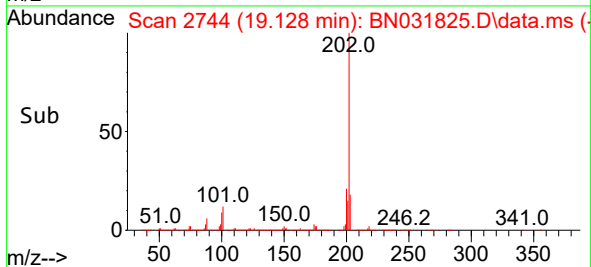
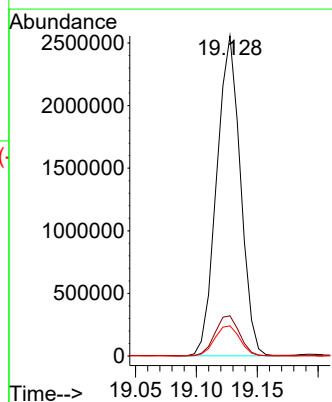
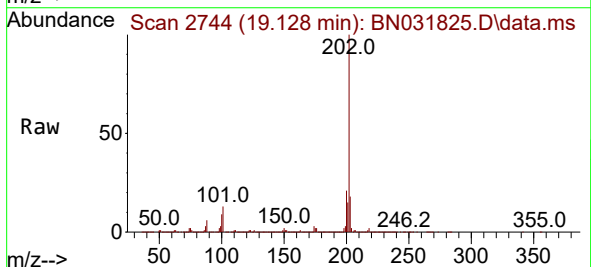
Instrument :
 BNA_N
 ClientSampleId :

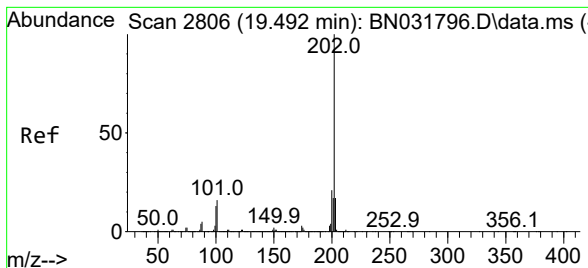
Tgt Ion:167 Resp: 132761
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.1 10.5 15.7



#80
 Fluoranthene
 Concen: 40.409 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031825.D
 Acq: 06 Jun 2024 19:13

Tgt Ion:202 Resp: 3462574
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.3 15.5
 100 9.4 8.0 12.0





#82

Pyrene

Concen: 37.917 ng/ul

RT: 19.492 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

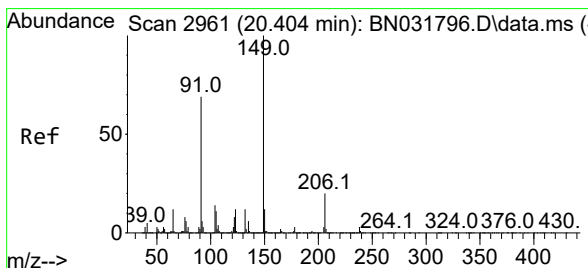
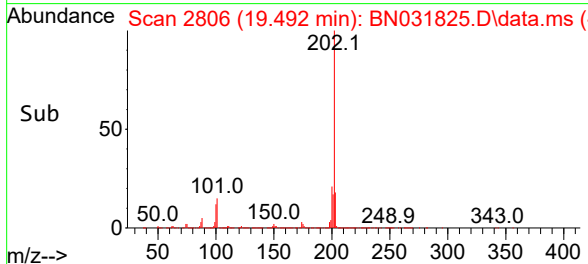
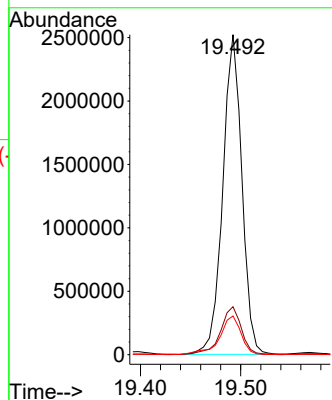
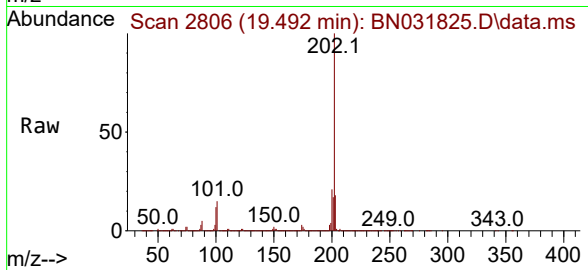
Tgt Ion:202 Resp: 3333528

Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 12.1 10.2 15.2



#83

Butylbenzylphthalate

Concen: 1.361 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

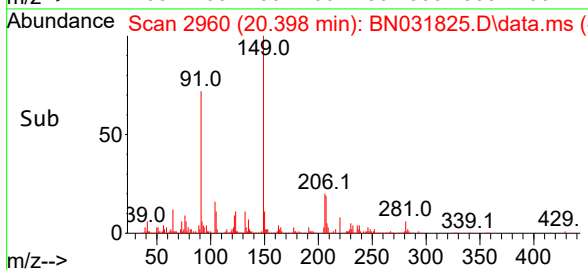
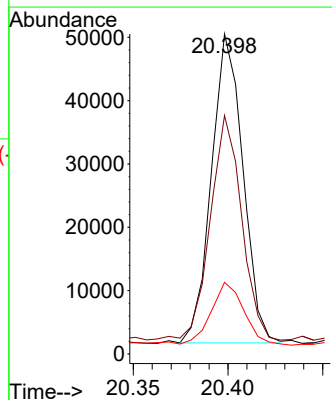
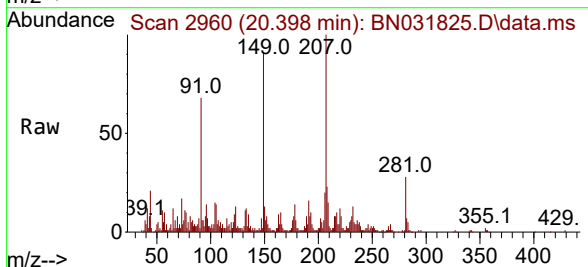
Tgt Ion:149 Resp: 56494

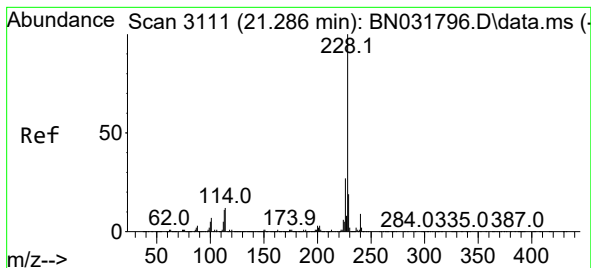
Ion Ratio Lower Upper

149 100

91 74.5 61.0 91.4

206 22.4 16.5 24.7





#85

Benzo(a)anthracene

Concen: 16.121 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

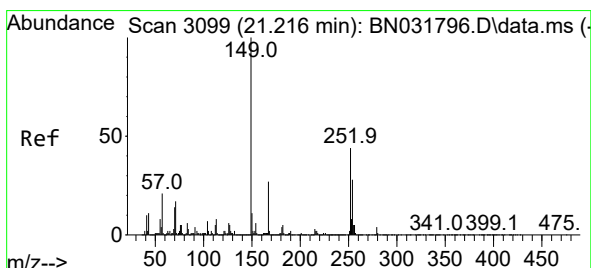
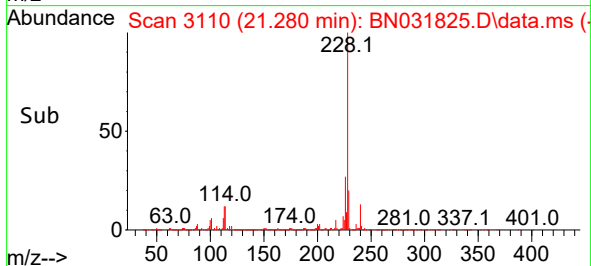
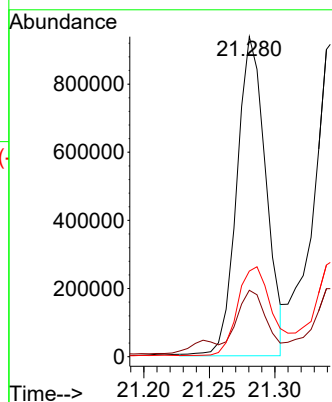
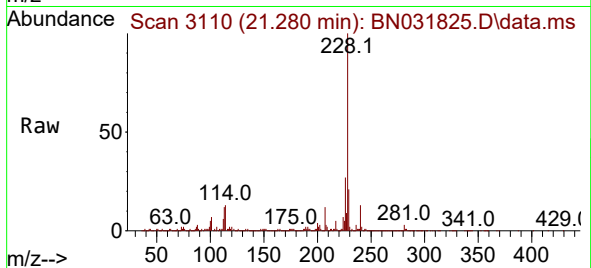
Tgt Ion:228 Resp: 1445831

Ion Ratio Lower Upper

228 100

229 20.7 16.7 25.1

226 26.8 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.423 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

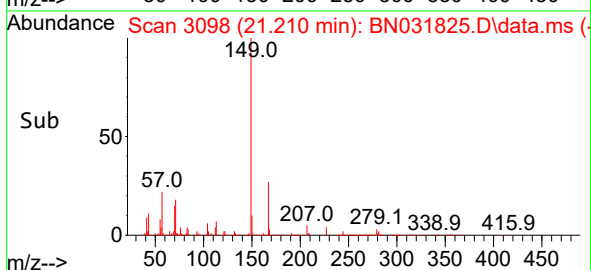
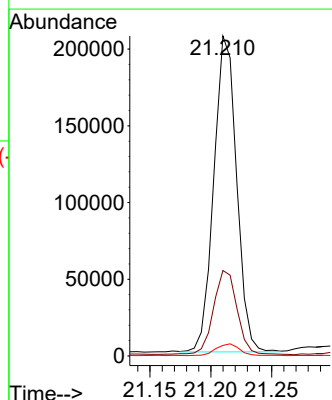
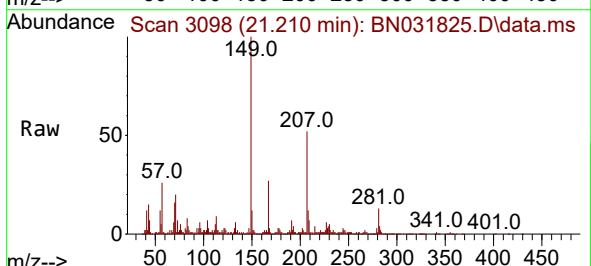
Tgt Ion:149 Resp: 267740

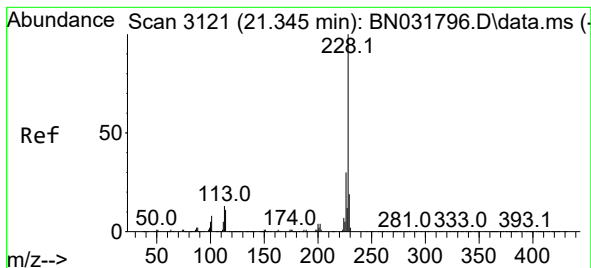
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.3 3.3 4.9





#87

Chrysene

Concen: 18.830 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

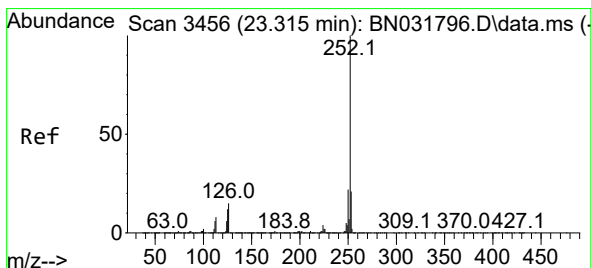
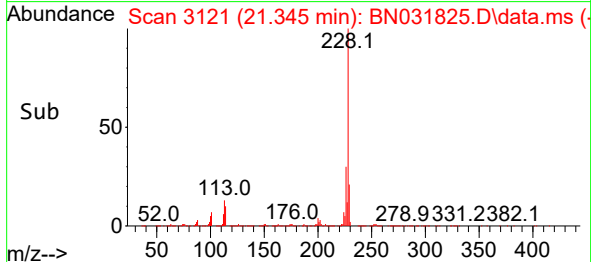
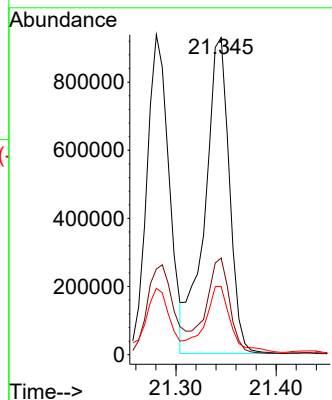
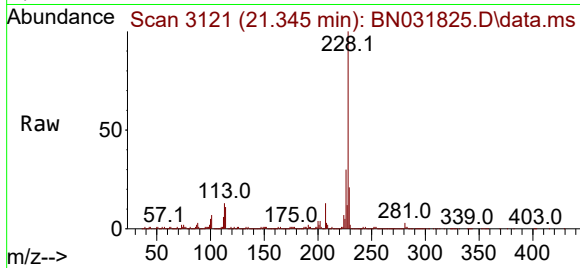
Tgt Ion:228 Resp: 1577446

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 21.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 18.357 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

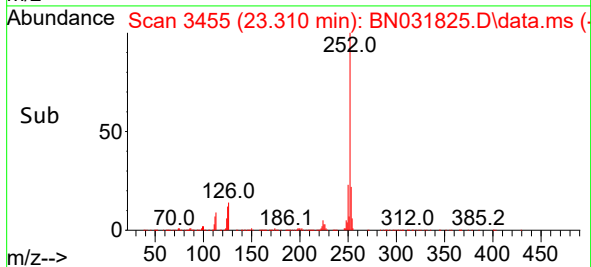
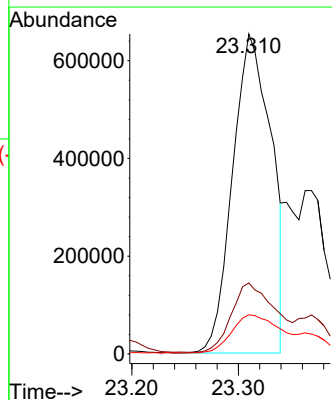
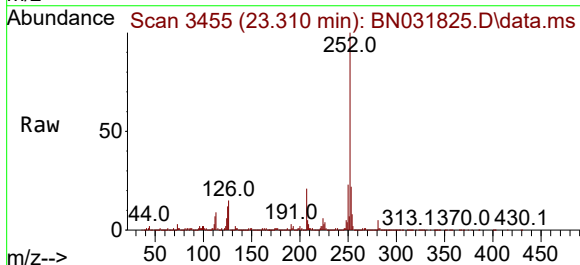
Tgt Ion:252 Resp: 1646950

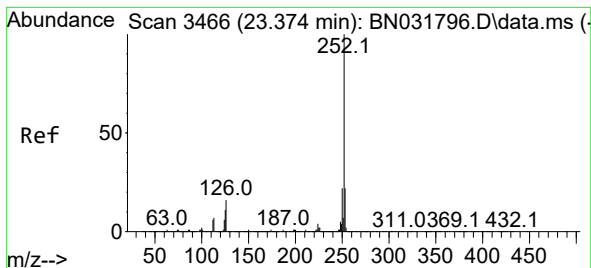
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 12.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 5.928 ng/ul

RT: 23.369 min Scan# 3466

Delta R.T. -0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

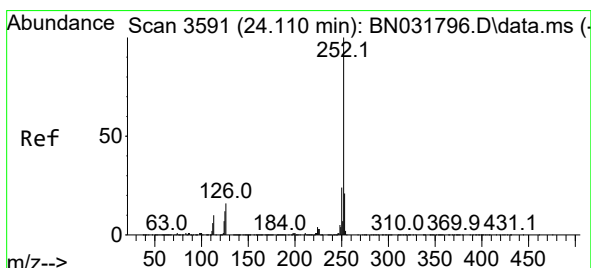
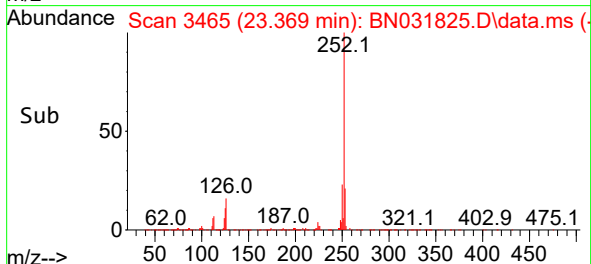
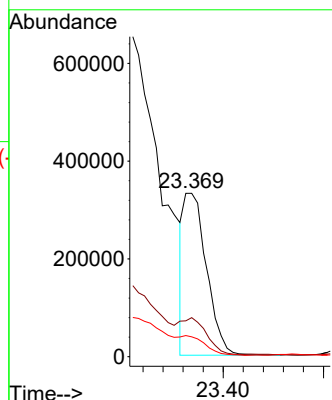
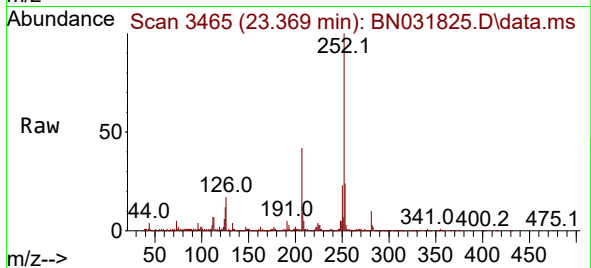
Tgt Ion:252 Resp: 521877

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 12.2 9.4 14.2



#93

Benzo(a)pyrene

Concen: 16.005 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

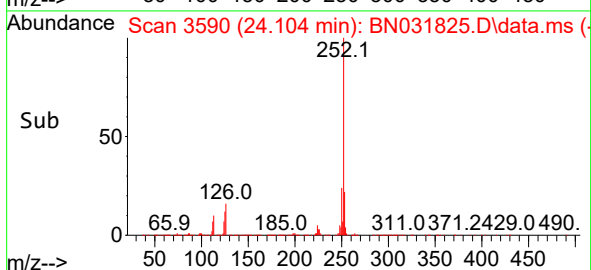
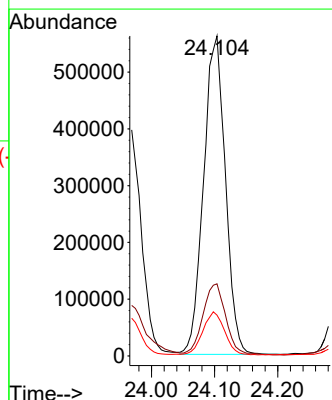
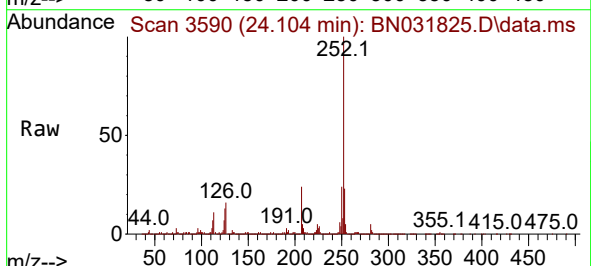
Tgt Ion:252 Resp: 1344878

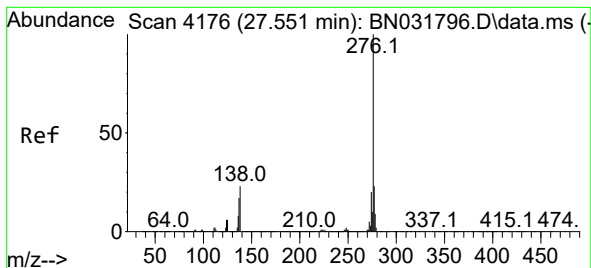
Ion Ratio Lower Upper

252 100

253 22.5 16.6 24.8

125 12.7 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.332 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

Instrument :

BNA_N

ClientSampleId :

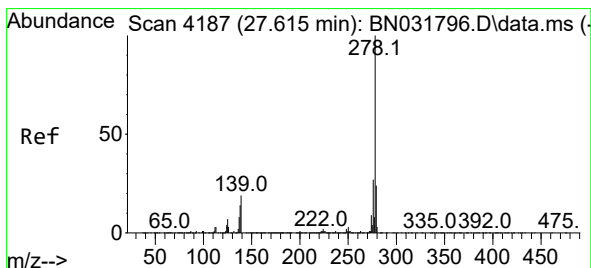
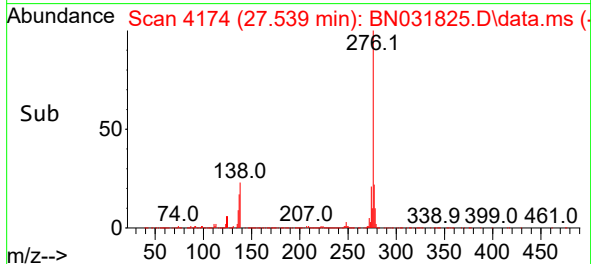
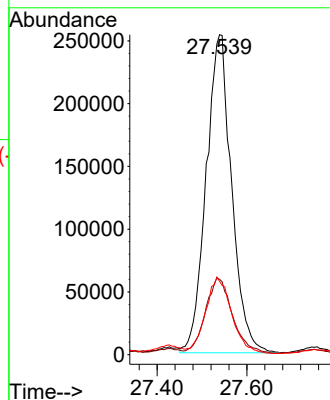
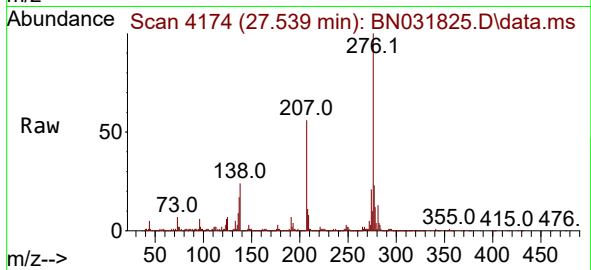
Tgt Ion:276 Resp: 1000398

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

277 22.9 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.366 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. -0.041 min

Lab File: BN031825.D

Acq: 06 Jun 2024 19:13

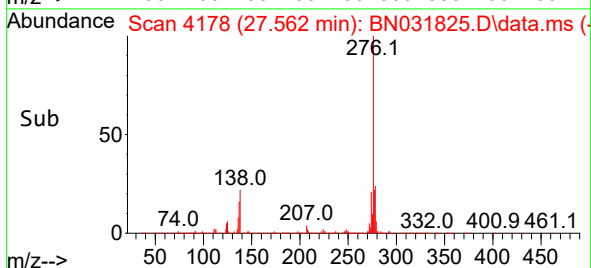
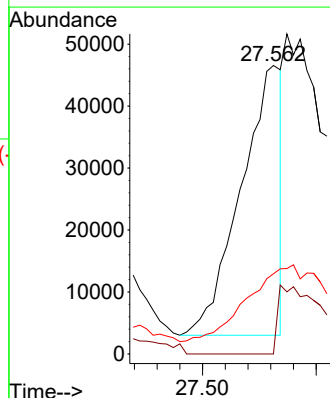
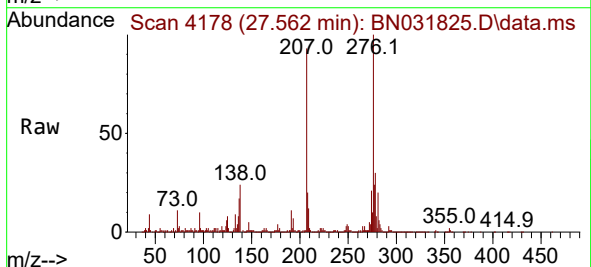
Tgt Ion:278 Resp: 107966

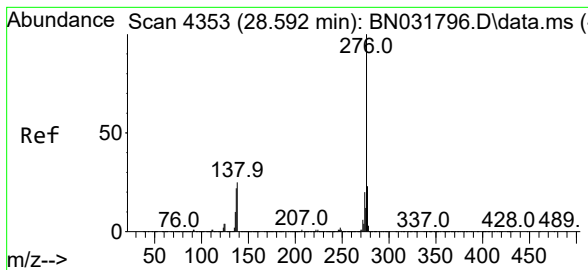
Ion Ratio Lower Upper

278 100

139 0.0 15.0 22.6#

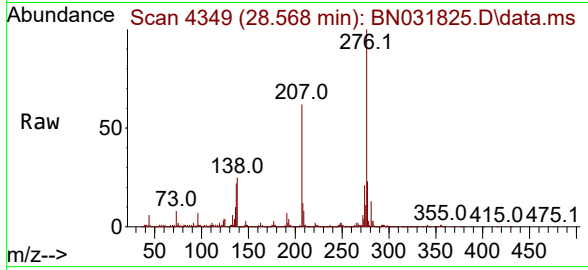
279 27.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 13.041 ng/ul
 RT: 28.568 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN031825.D
 Acq: 06 Jun 2024 19:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 1003819

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.9	31.3
277	23.0	18.0	27.0

