

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
 Data File : BP020247.D
 Acq On : 08 May 2024 21:26
 Operator : MA/JU
 Sample : P2369-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43N0

Quant Time: May 08 23:00:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

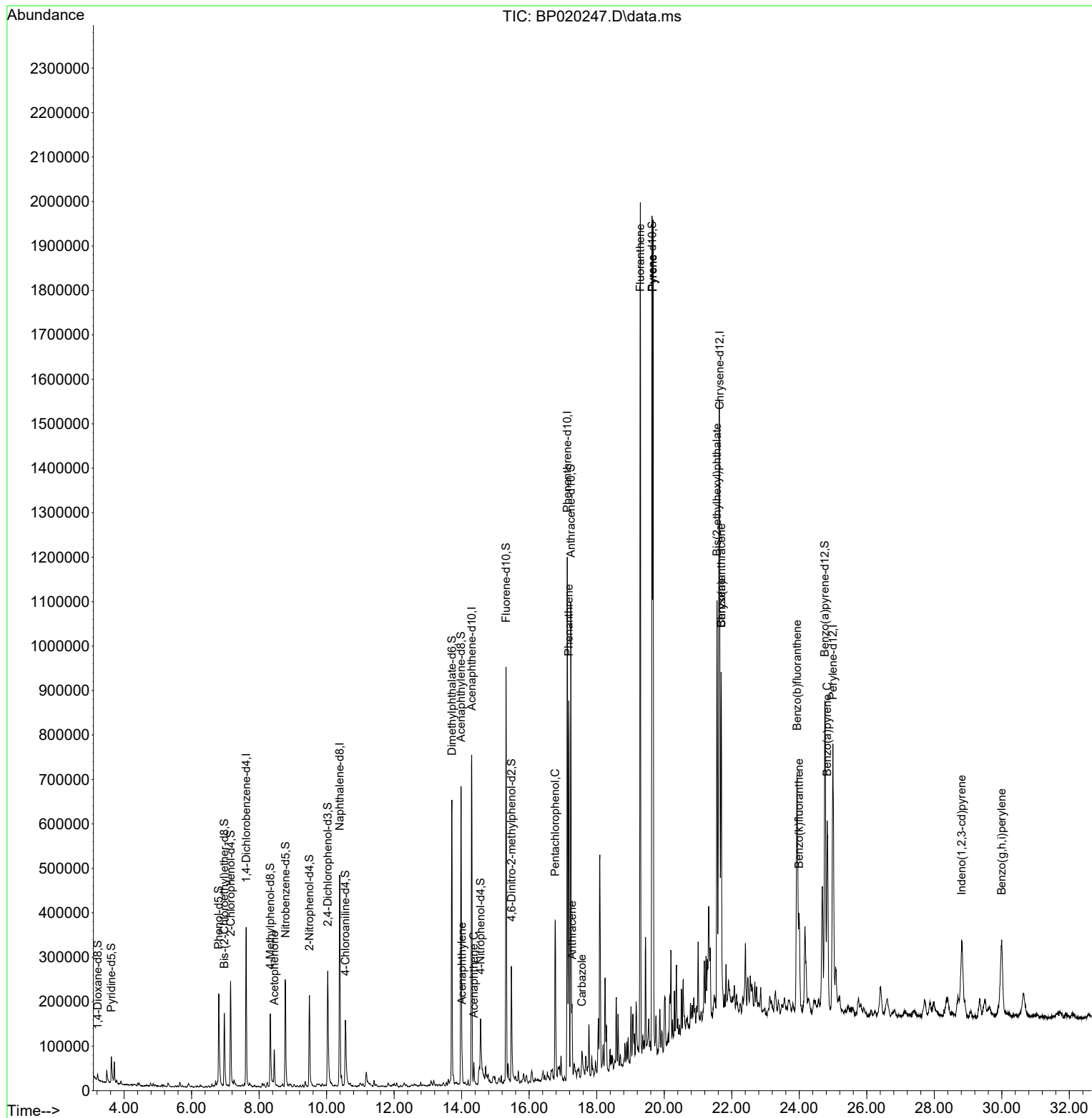
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	91382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	390658	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	274800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	655991	20.000	ng/ul	-0.01
79) Chrysene-d12	21.639	240	689995	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	671260	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6903	3.190	ng/uL	0.00
4) Pyridine-d5	3.622	84	41222	6.557	ng/ul	0.00
7) Phenol-d5	6.805	99	130096	16.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	86644	18.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	104523	18.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	71176	11.218	ng/ul	0.01
21) Nitrobenzene-d5	8.781	128	52258	17.864	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	64222	19.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	109124	17.851	ng/ul	0.01
31) 4-Chloroaniline-d4	10.557	131	102548	11.986	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	416783	20.769	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	443700	20.015	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	45191	14.652	ng/ul	0.00
60) Fluorene-d10	15.316	176	365346	21.827	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	61182	14.698	ng/ul	0.00
73) Anthracene-d10	17.233	188	586955	20.683	ng/ul	-0.01
81) Pyrene-d10	19.639	212	855158	21.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	728596	22.449	ng/ul	-0.02
Target Compounds						Qvalue
16) Acetophenone	8.452	105	42234	4.011	ng/ul	96
50) Acenaphthylene	14.010	152	30209	1.212	ng/ul	96
52) Acenaphthene	14.363	153	17152	1.024	ng/ul	98
71) Pentachlorophenol	16.769	266	68615	13.794	ng/ul	96
72) Phenanthrene	17.175	178	556336	16.622	ng/ul	99
74) Anthracene	17.269	178	100867	2.963	ng/ul	98
77) Carbazole	17.563	167	32895	1.122	ng/ul	98
80) Fluoranthene	19.292	202	1199389	25.268	ng/ul	100
82) Pyrene	19.669	202	1247346	25.256	ng/ul	99
85) Benzo(a)anthracene	21.686	228	563944	12.050	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.563	149	410630	15.182	ng/ul	99
87) Chrysene	21.686	228	563182	12.984	ng/ul	98
90) Benzo(b)fluoranthene	23.933	252	662055	16.580	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	211693	5.202	ng/ul	99
93) Benzo(a)pyrene	24.827	252	459476	12.093	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.809	276	188564	4.049	ng/ul	99
96) Benzo(g,h,i)perylene	29.998	276	302108	8.042	ng/ul	97

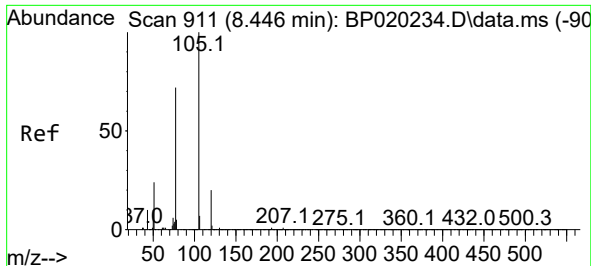
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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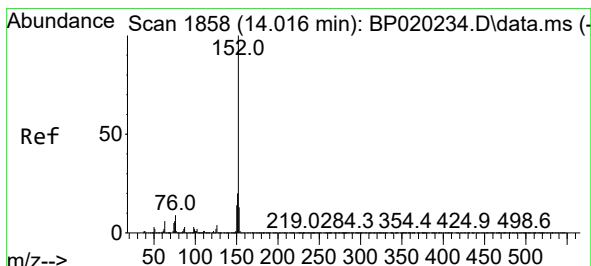
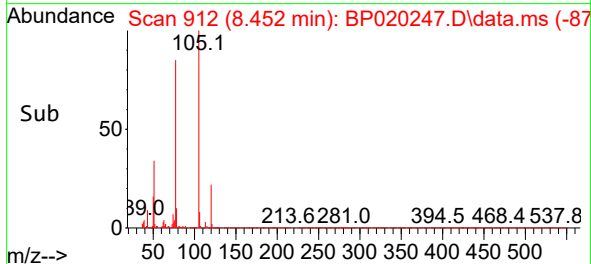
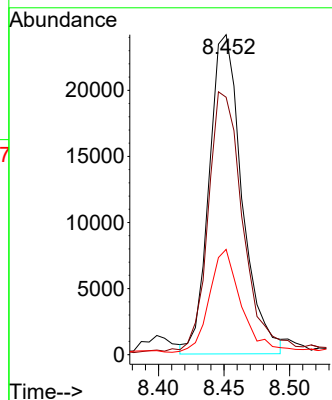
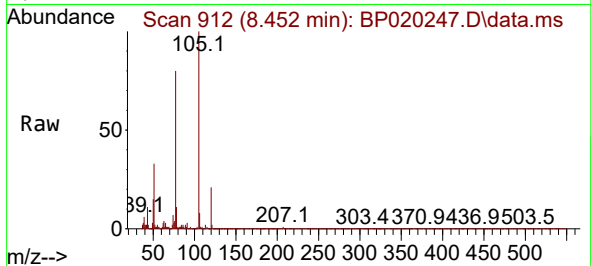




#16
Acetophenone
Concen: 4.011 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

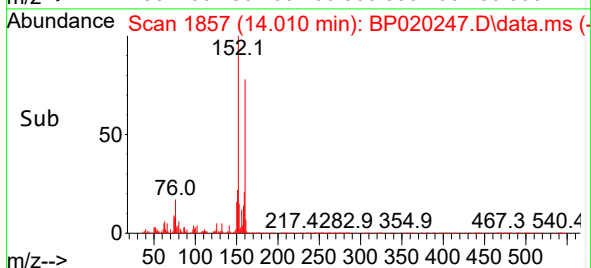
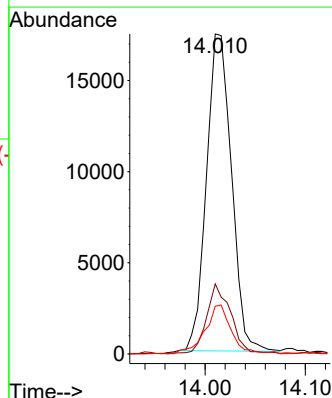
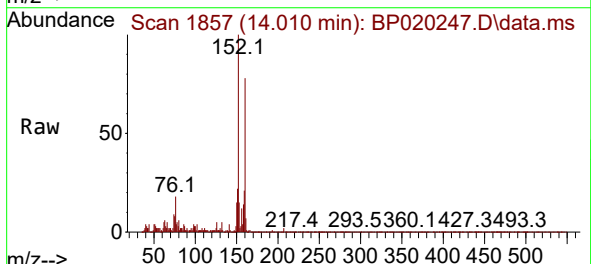
Instrument :
BNA_P
ClientSampleId :
A43N0

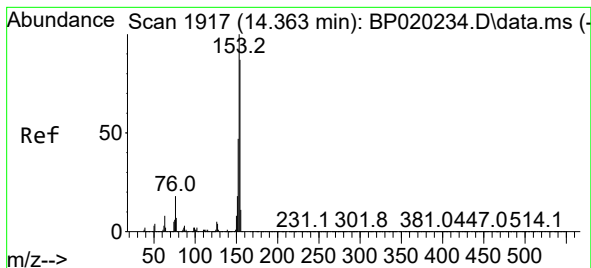
Tgt Ion:105 Resp: 42234
Ion Ratio Lower Upper
105 100
77 80.5 66.4 99.6
51 32.9 23.9 35.9



#50
Acenaphthylene
Concen: 1.212 ng/ul
RT: 14.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

Tgt Ion:152 Resp: 30209
Ion Ratio Lower Upper
152 100
151 21.9 16.5 24.7
153 14.9 10.3 15.5





#52

Acenaphthene

Concen: 1.024 ng/ul

RT: 14.363 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

Instrument :

BNA_P

ClientSampleId :

A43N0

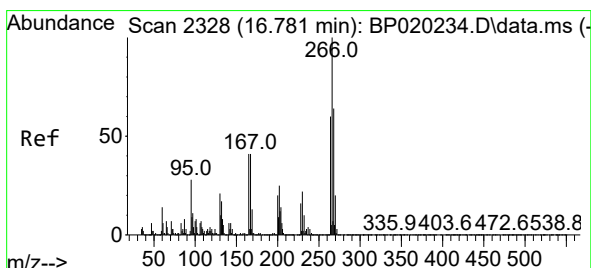
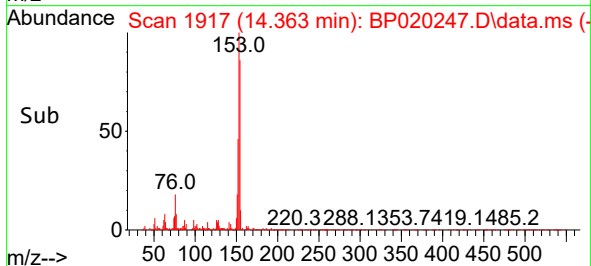
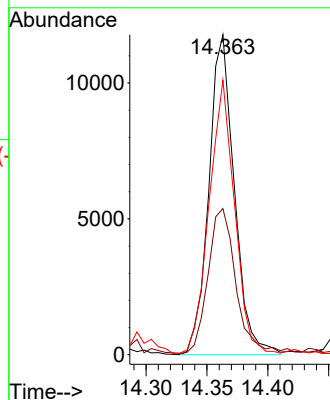
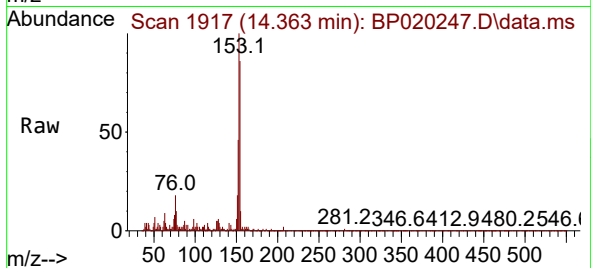
Tgt Ion:153 Resp: 17152

Ion Ratio Lower Upper

153 100

152 45.7 37.4 56.2

154 85.8 70.3 105.5



#71

Pentachlorophenol

Concen: 13.794 ng/ul

RT: 16.769 min Scan# 2326

Delta R.T. -0.012 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

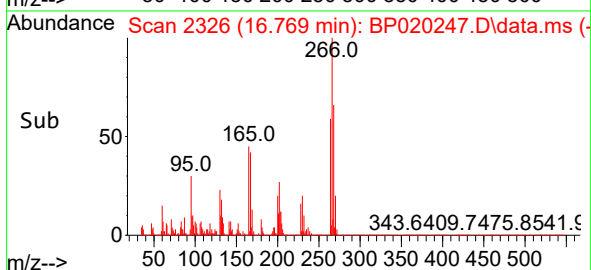
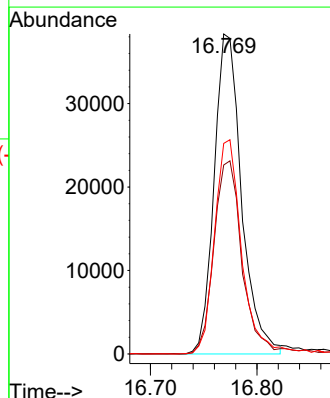
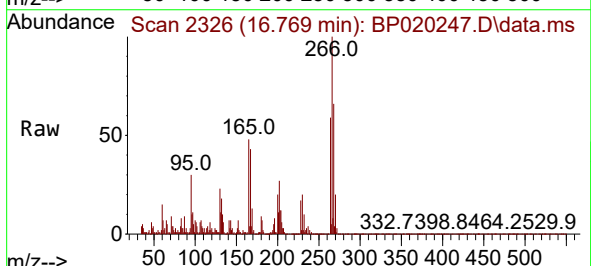
Tgt Ion:266 Resp: 68615

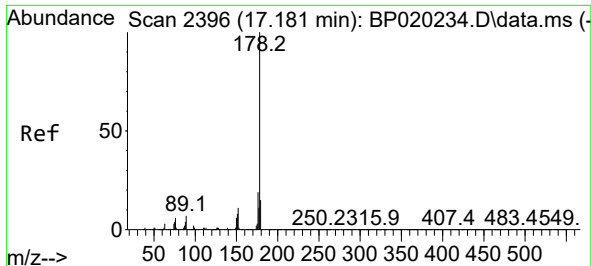
Ion Ratio Lower Upper

266 100

264 59.0 49.8 74.6

268 65.8 50.4 75.6

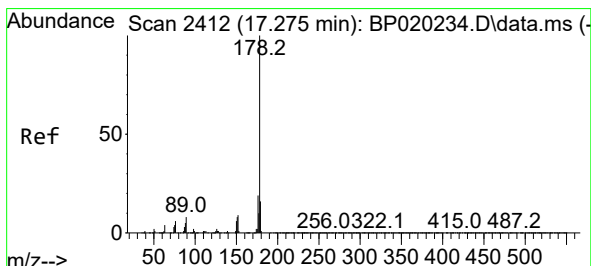
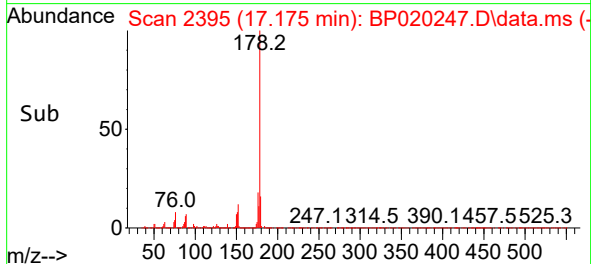
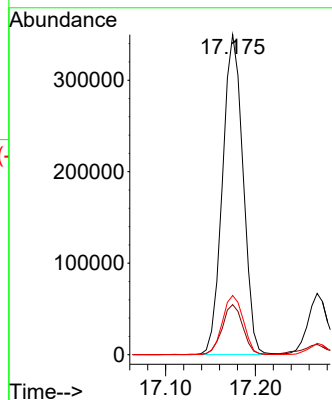
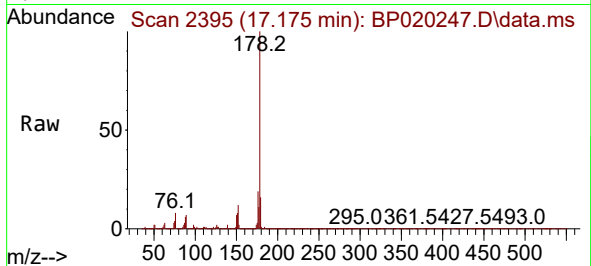




#72
Phenanthrene
Concen: 16.622 ng/ul
RT: 17.175 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

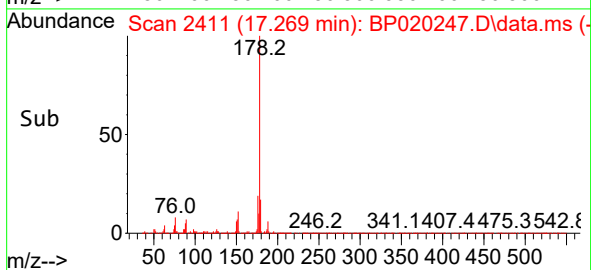
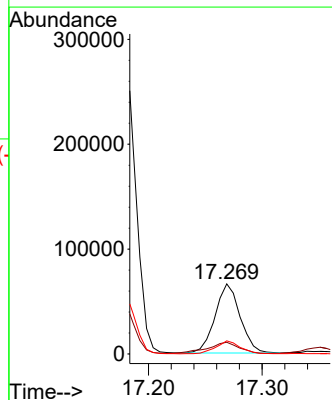
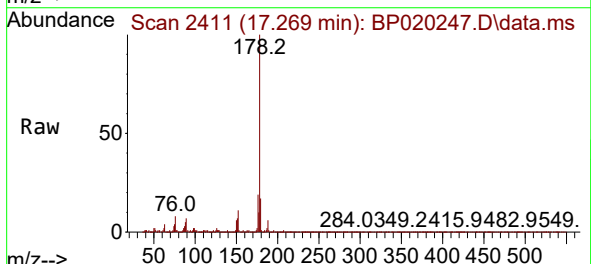
Instrument :
BNA_P
ClientSampleId :
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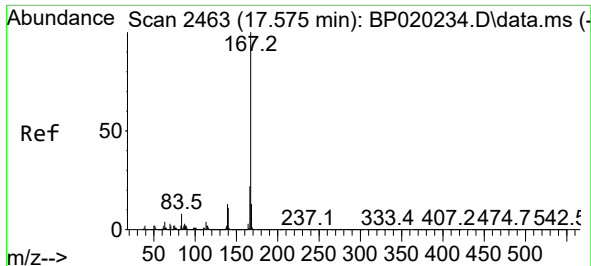
Tgt Ion:178 Resp: 556336
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 18.5 15.2 22.8



#74
Anthracene
Concen: 2.963 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

Tgt Ion:178 Resp: 100867
Ion Ratio Lower Upper
178 100
179 16.7 12.0 18.0
176 18.7 14.8 22.2

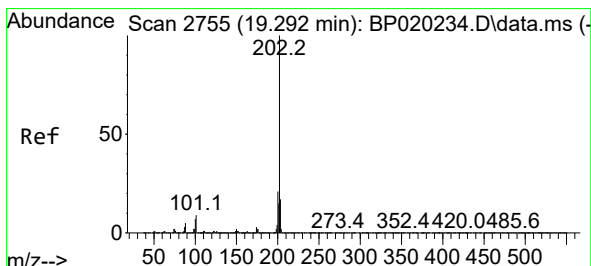
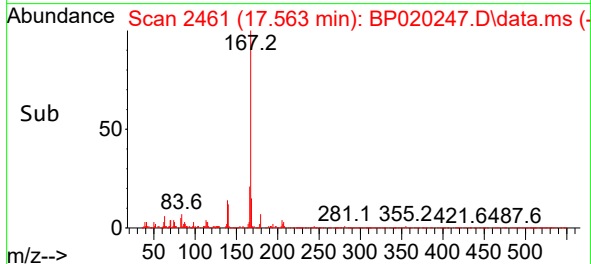
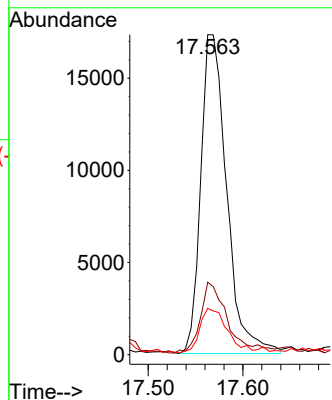
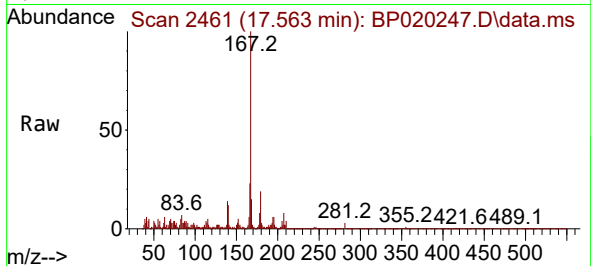




#77
Carbazole
Concen: 1.122 ng/ul
RT: 17.563 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

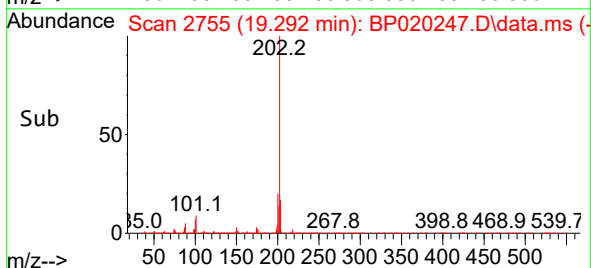
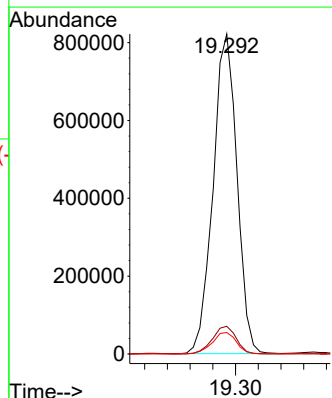
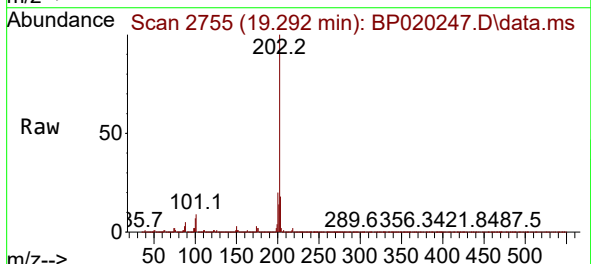
Instrument :
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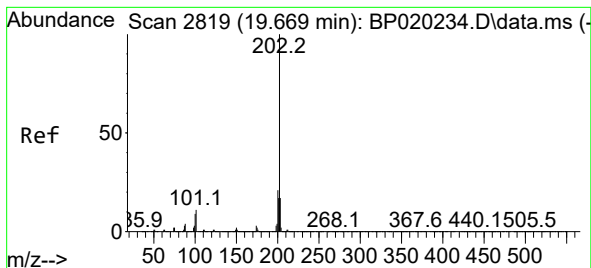
Tgt Ion:167 Resp: 32895
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.0
139 14.4 11.0 16.4



#80
Fluoranthene
Concen: 25.268 ng/ul
RT: 19.292 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

Tgt Ion:202 Resp: 1199389
Ion Ratio Lower Upper
202 100
101 8.7 7.0 10.4
100 6.7 5.5 8.3





#82

Pyrene

Concen: 25.256 ng/ul

RT: 19.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

Instrument :

BNA_P

ClientSampleId :

A43N0

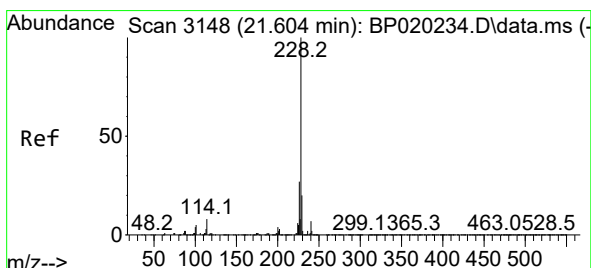
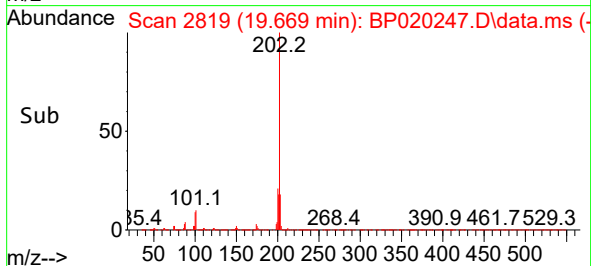
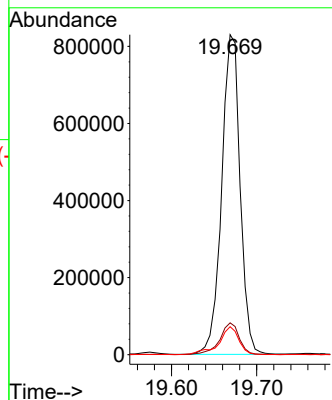
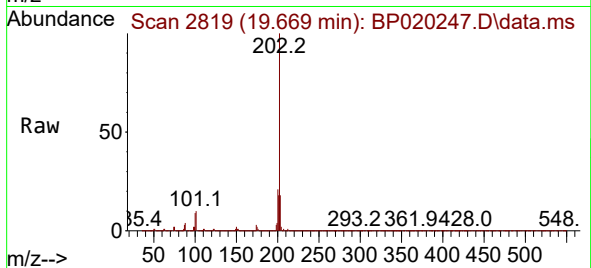
Tgt Ion:202 Resp: 1247346

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

100 8.7 6.8 10.2



#85

Benzo(a)anthracene

Concen: 12.050 ng/ul

RT: 21.686 min Scan# 3162

Delta R.T. 0.070 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

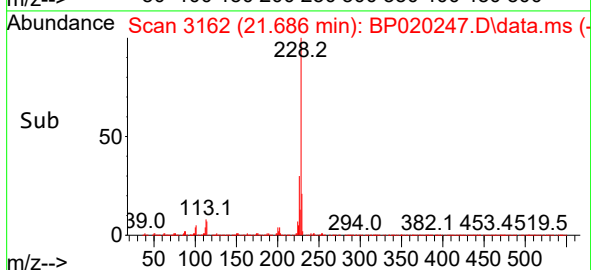
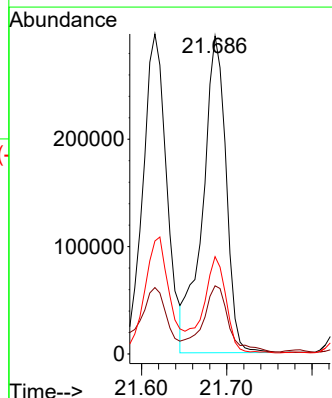
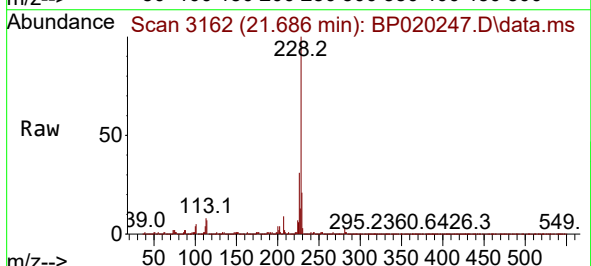
Tgt Ion:228 Resp: 563944

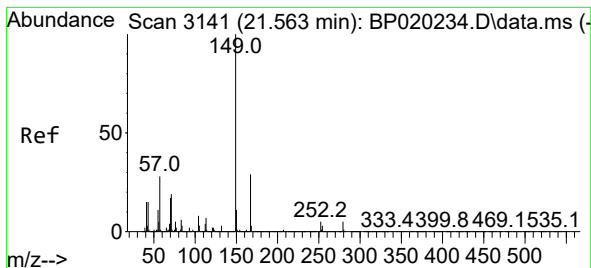
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.8

226 30.6 21.5 32.3

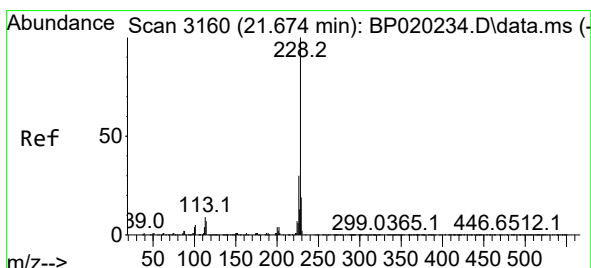
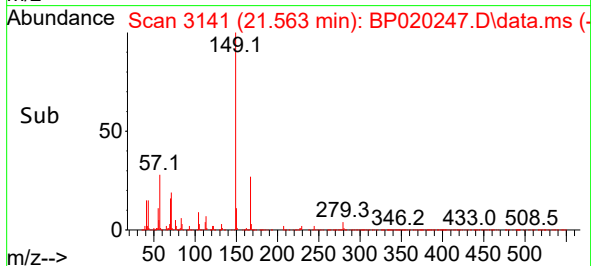
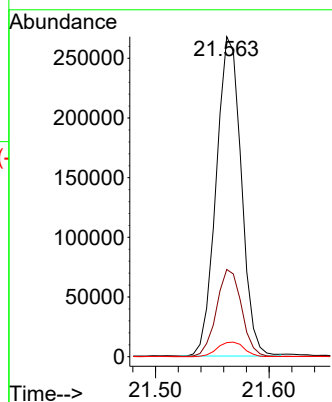
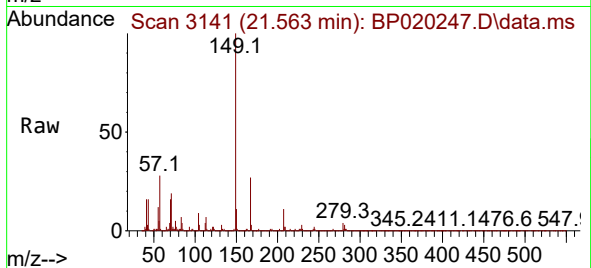




#86
Bis(2-ethylhexyl)phthalate
Concen: 15.182 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

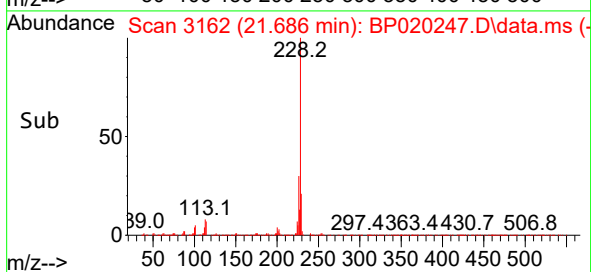
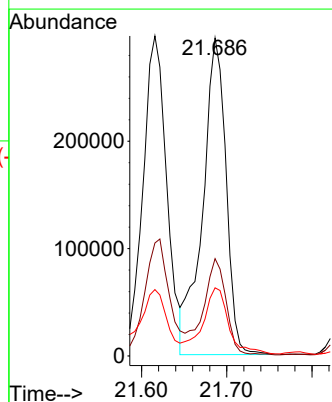
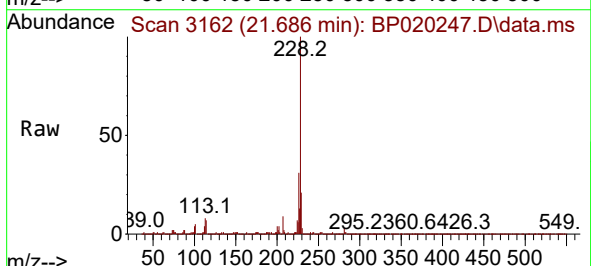
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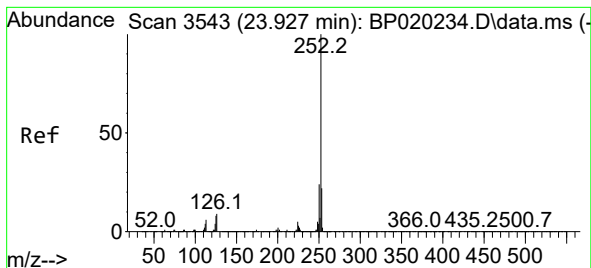
Tgt Ion:149 Resp: 410630
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.4 3.4 5.2



#87
Chrysene
Concen: 12.984 ng/ul
RT: 21.686 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP020247.D
Acq: 08 May 2024 21:26

Tgt Ion:228 Resp: 563182
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 21.4 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 16.580 ng/ul

RT: 23.933 min Scan# 3544

Delta R.T. -0.006 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

Instrument :

BNA_P

ClientSampleId :

A43N0

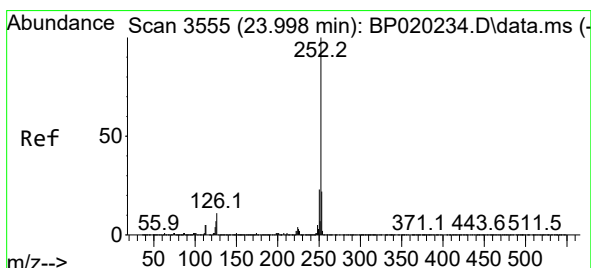
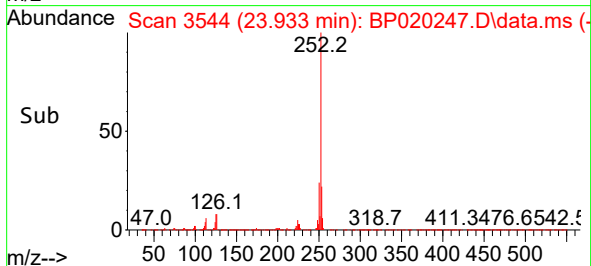
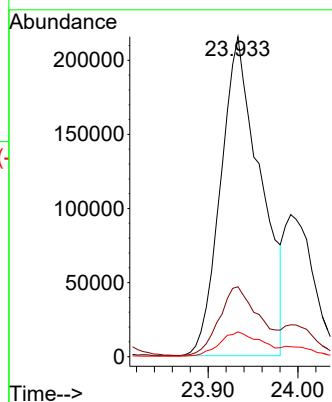
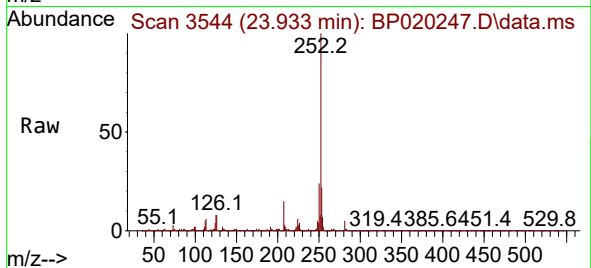
Tgt Ion:252 Resp: 662055

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.7 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 5.202 ng/ul

RT: 23.992 min Scan# 3554

Delta R.T. -0.018 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

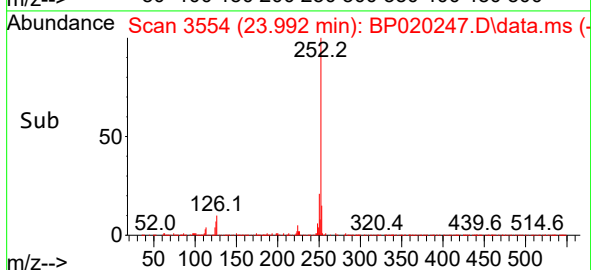
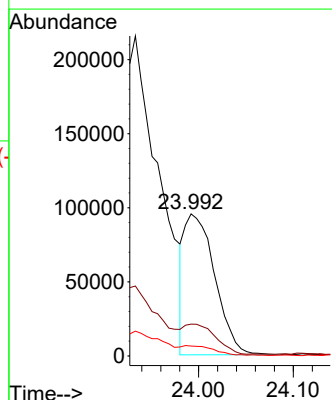
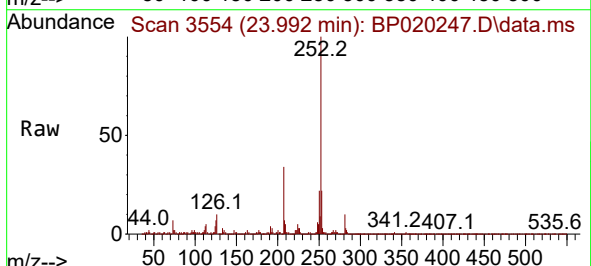
Tgt Ion:252 Resp: 211693

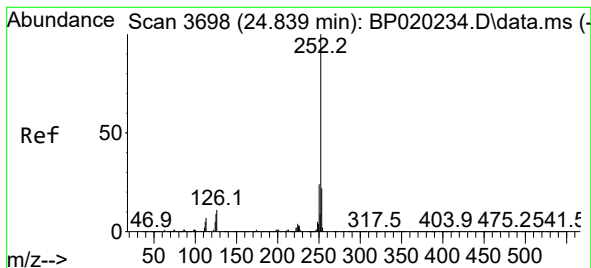
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 7.0 5.6 8.4





#93

Benzo(a)pyrene

Concen: 12.093 ng/ul

RT: 24.827 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

Instrument :

BNA_P

ClientSampleId :

A43N0

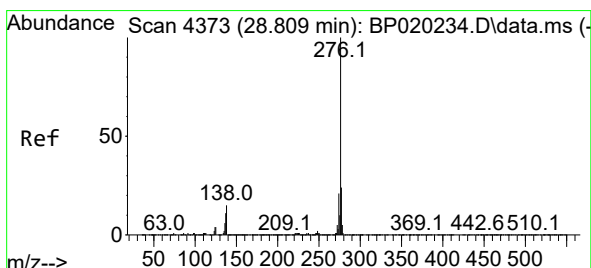
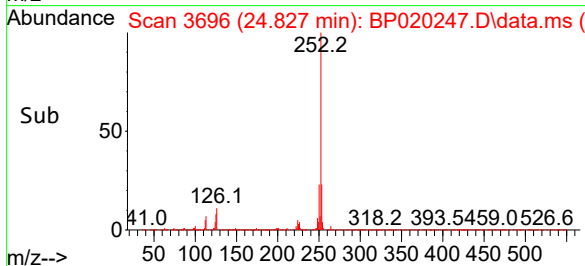
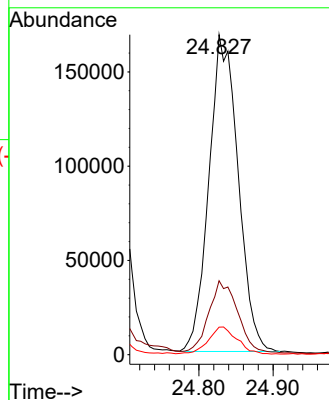
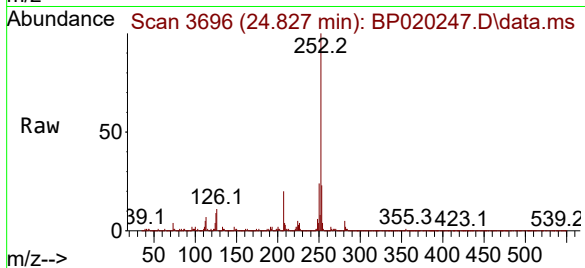
Tgt Ion:252 Resp: 459476

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 8.6 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.049 ng/ul

RT: 28.809 min Scan# 4373

Delta R.T. -0.024 min

Lab File: BP020247.D

Acq: 08 May 2024 21:26

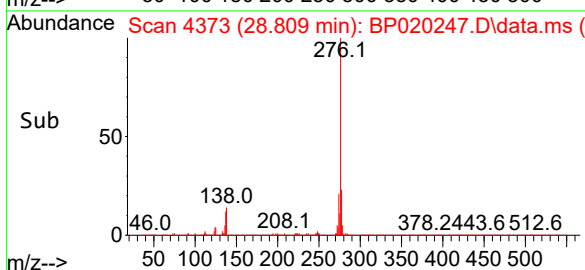
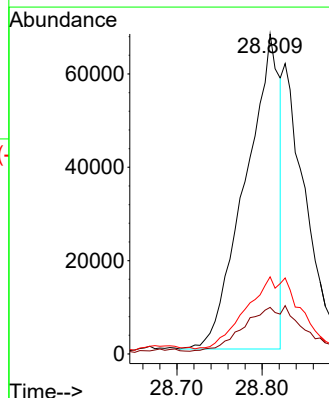
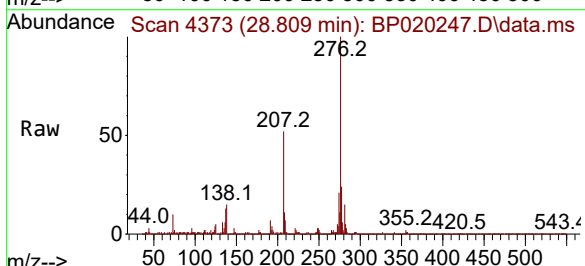
Tgt Ion:276 Resp: 188564

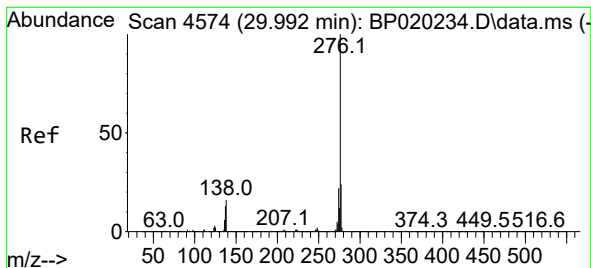
Ion Ratio Lower Upper

276 100

138 14.5 12.3 18.5

277 24.1 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 8.042 ng/ul

RT: 29.998 min Scan# 4

Delta R.T. -0.012 min

Lab File: BP020247.D

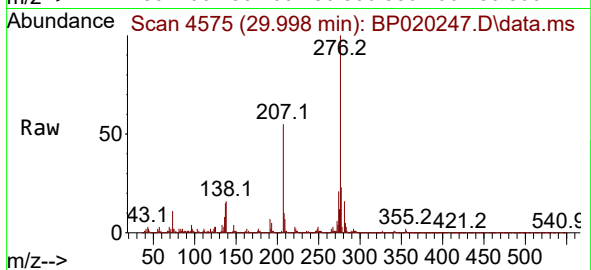
Acq: 08 May 2024 21:26

Instrument :

BNA_P

ClientSampleId :

A43N0



Tgt Ion:276 Resp: 302108

Ion Ratio Lower Upper

276 100

138 15.7 11.6 17.4

277 22.9 19.4 29.0

