

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020340.D
 Acq On : 12 May 2024 04:51
 Operator : MA/JU
 Sample : P2371-12
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43S4

Quant Time: May 13 00:27:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 00:21:03 2024
 Response via : Initial Calibration

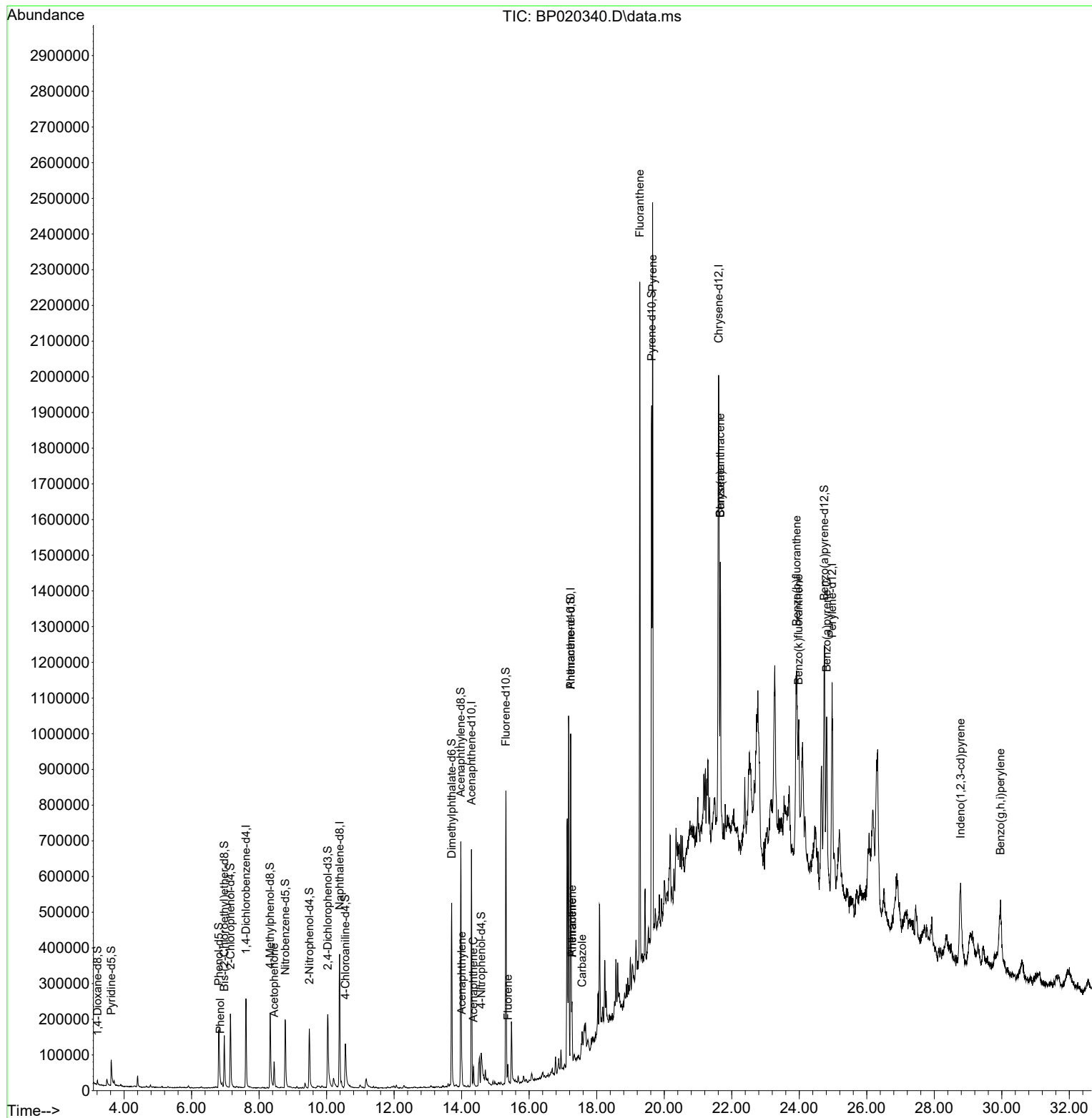
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	74685	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	316264	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.293	164	227047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	566610	20.000	ng/ul	0.10
79) Chrysene-d12	21.616	240	520208	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	604598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	6566	3.713	ng/uL	0.00
4) Pyridine-d5	3.623	84	52333	10.185	ng/ul	0.00
7) Phenol-d5	6.811	99	122619	19.118	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	71485	18.347	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	99714	21.747	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	97525	18.807	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	50380	21.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	58668	21.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	108216	21.866	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	95604	13.802	ng/ul	0.01
46) Dimethylphthalate-d6	13.704	166	376768	22.724	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	417913	22.817	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	38423	15.078	ng/ul	0.01
60) Fluorene-d10	15.310	176	340239	24.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	152	0.042	ng/ul	0.11
73) Anthracene-d10	17.228	188	566247	23.101	ng/ul	0.00
81) Pyrene-d10	19.628	212	721892	23.740	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	741660	25.371	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.852	94	7405	1.119	ng/ul	92
16) Acetophenone	8.446	105	40635	4.722	ng/ul	94
50) Acenaphthylene	14.004	152	34277	1.664	ng/ul	98
52) Acenaphthene	14.351	153	20970	1.515	ng/ul	97
61) Fluorene	15.369	166	21606	1.366	ng/ul#	93
72) Phenanthrene	17.269	178	108526	3.754	ng/ul	98
74) Anthracene	17.269	178	106416	3.619	ng/ul	96
77) Carbazole	17.569	167	42500	1.678	ng/ul	98
80) Fluoranthene	19.275	202	1169330	32.675	ng/ul	99
82) Pyrene	19.657	202	1250519	33.584	ng/ul	99
85) Benzo(a)anthracene	21.663	228	506593	14.358	ng/ul	93
87) Chrysene	21.663	228	504834	15.437	ng/ul	97
90) Benzo(b)fluoranthene	23.922	252	668425	18.585	ng/ul#	96
91) Benzo(k)fluoranthene	23.980	252	218176	5.953	ng/ul#	94
93) Benzo(a)pyrene	24.810	252	518390	15.148	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.780	276	380831	9.078	ng/ul	99
96) Benzo(g,h,i)perylene	29.962	276	395086	11.677	ng/ul	97

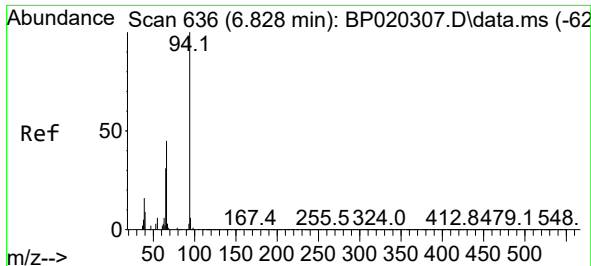
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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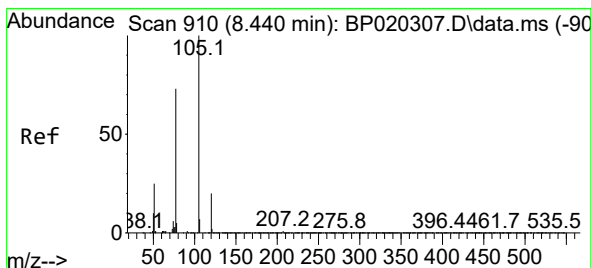
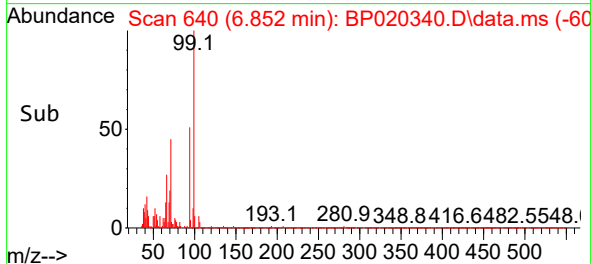
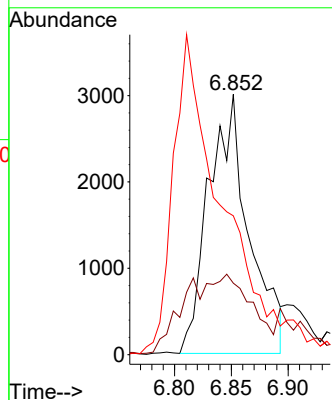
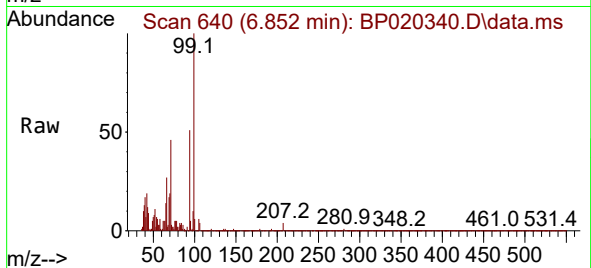




#8
Phenol
Concen: 1.119 ng/ul
RT: 6.852 min Scan# 640
Delta R.T. 0.024 min
Lab File: BP020340.D
Acq: 12 May 2024 04:51

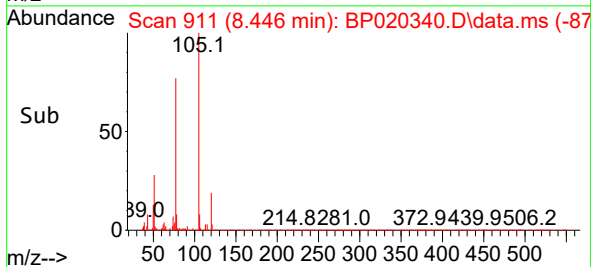
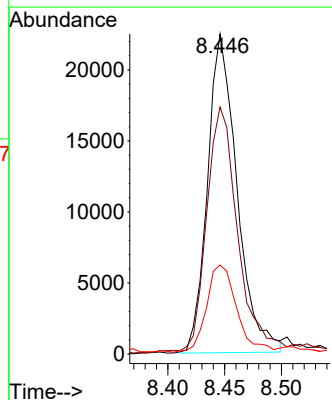
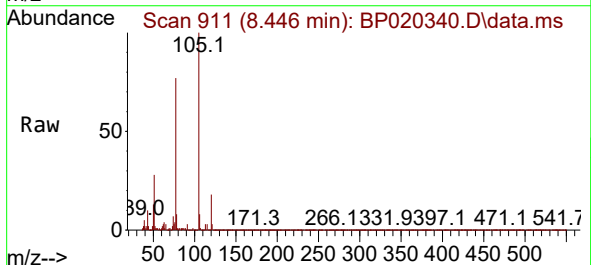
Instrument :
BNA_P
ClientSampleId :
A43S4

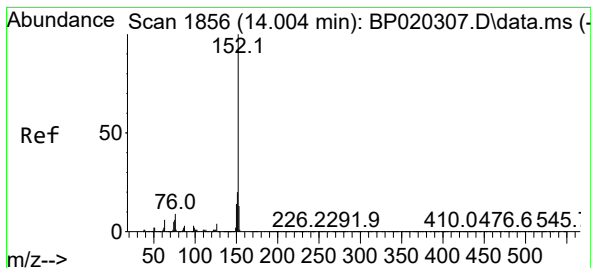
Tgt Ion: 94 Resp: 7405
Ion Ratio Lower Upper
94 100
65 27.5 26.1 39.1
66 53.4 38.6 57.8



#16
Acetophenone
Concen: 4.722 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP020340.D
Acq: 12 May 2024 04:51

Tgt Ion: 105 Resp: 40635
Ion Ratio Lower Upper
105 100
77 77.1 66.4 99.6
51 27.8 23.9 35.9





#50

Acenaphthylene

Concen: 1.664 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4

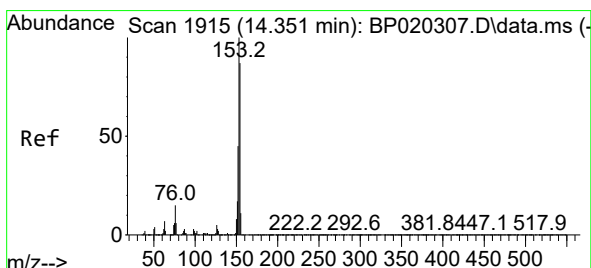
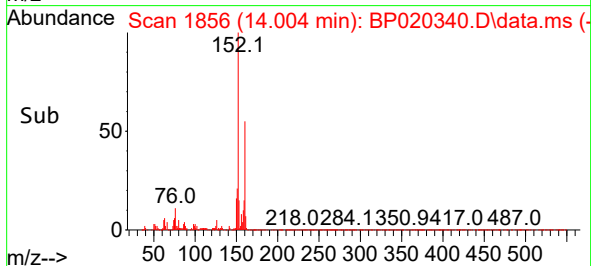
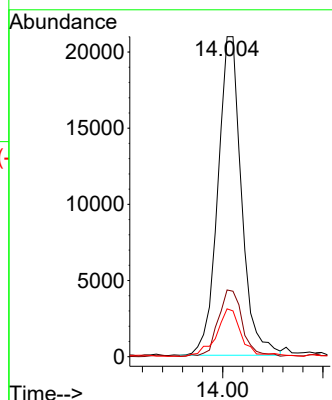
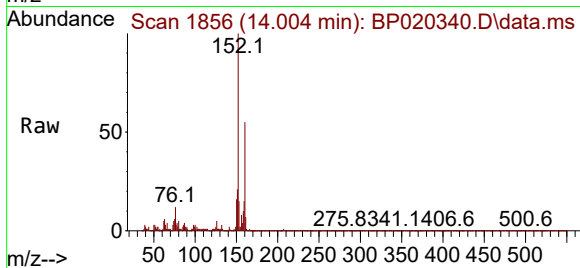
Tgt Ion:152 Resp: 34277

Ion Ratio Lower Upper

152 100

151 20.9 16.5 24.7

153 15.0 10.3 15.5



#52

Acenaphthene

Concen: 1.515 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

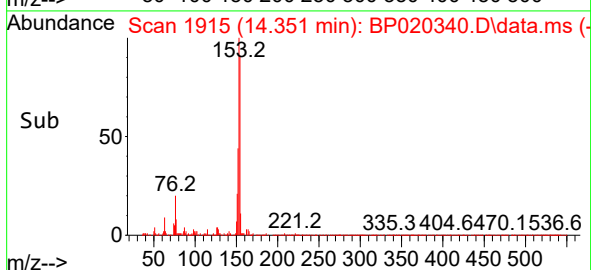
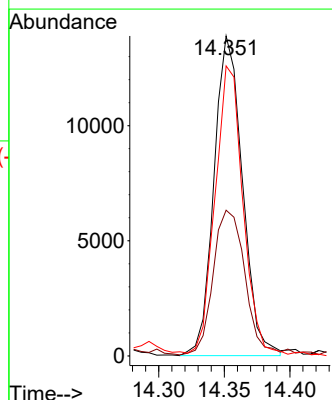
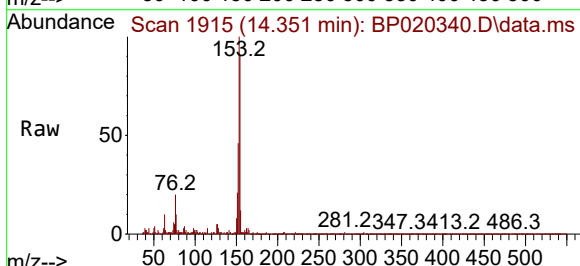
Tgt Ion:153 Resp: 20970

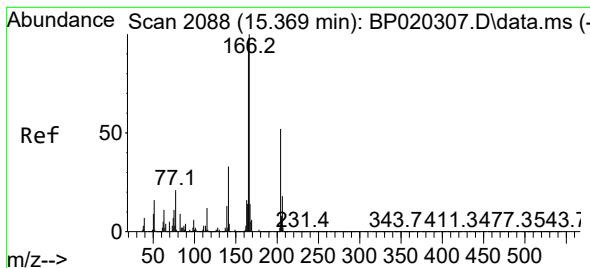
Ion Ratio Lower Upper

153 100

152 45.5 37.4 56.2

154 90.6 70.3 105.5





#61

Fluorene

Concen: 1.366 ng/ul

RT: 15.369 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4

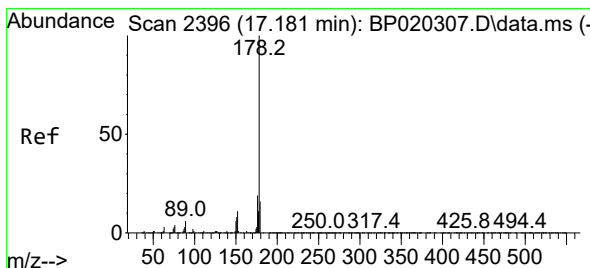
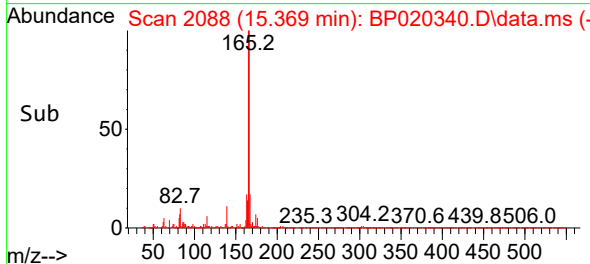
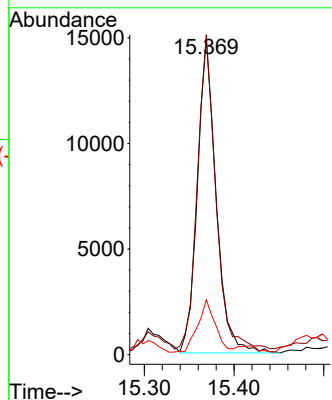
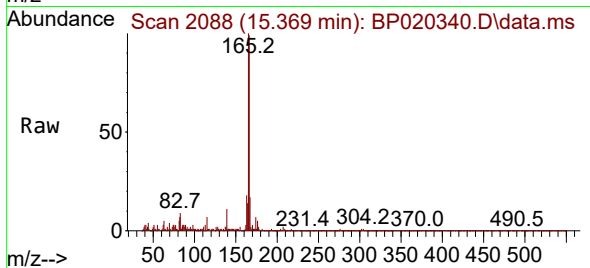
Tgt Ion:166 Resp: 21606

Ion Ratio Lower Upper

166 100

165 101.4 76.2 114.2

167 17.4 10.3 15.5#



#72

Phenanthrene

Concen: 3.754 ng/ul

RT: 17.269 min Scan# 2411

Delta R.T. 0.094 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

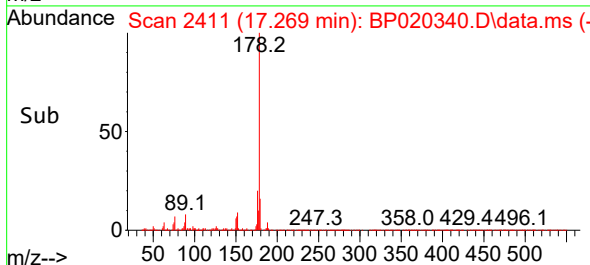
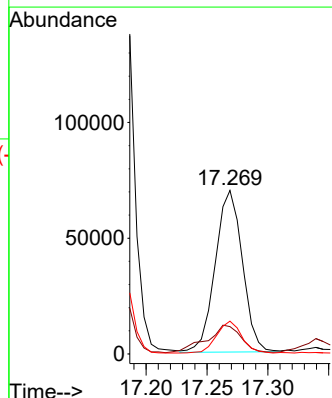
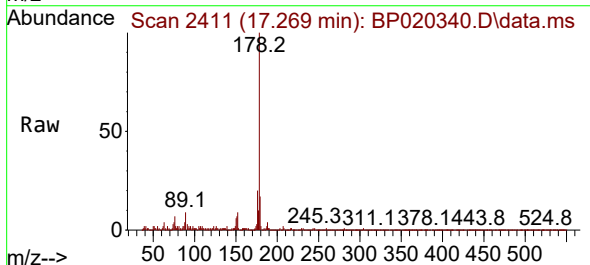
Tgt Ion:178 Resp: 108526

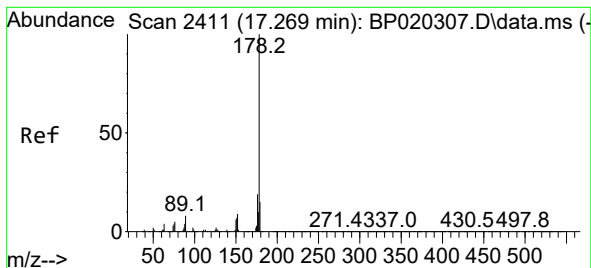
Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

176 20.0 15.2 22.8





#74

Anthracene

Concen: 3.619 ng/ul

RT: 17.269 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4

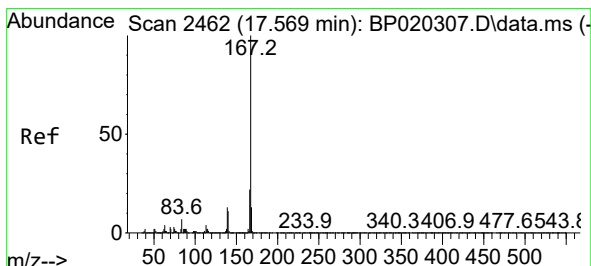
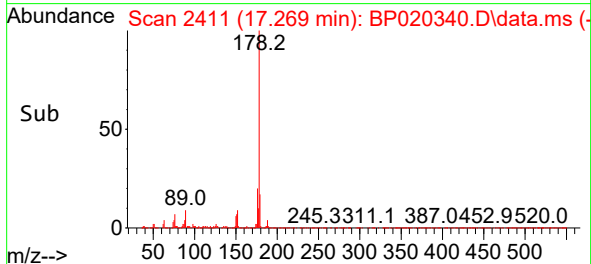
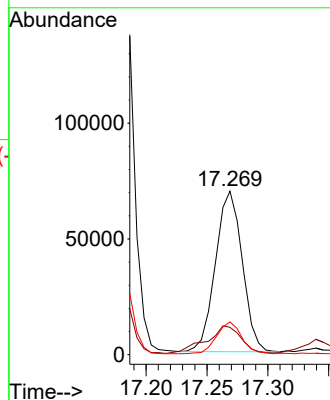
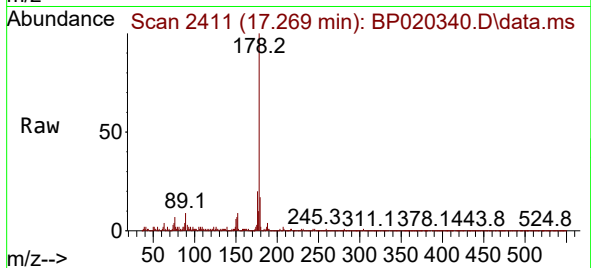
Tgt Ion:178 Resp: 106416

Ion Ratio Lower Upper

178 100

179 16.7 12.0 18.0

176 20.0 14.8 22.2



#77

Carbazole

Concen: 1.678 ng/ul

RT: 17.569 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

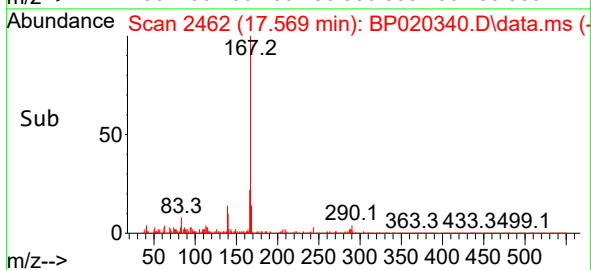
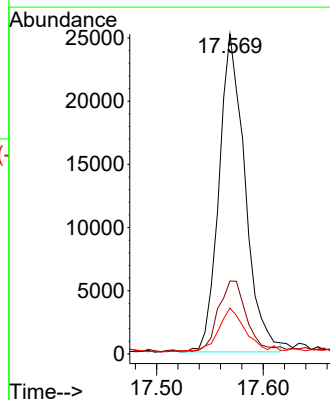
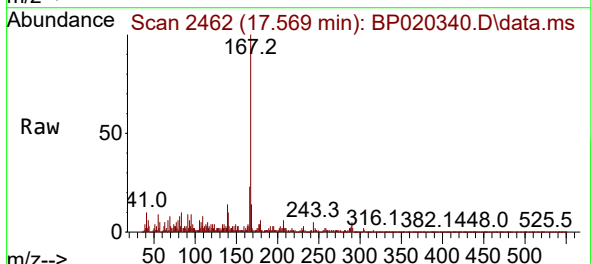
Tgt Ion:167 Resp: 42500

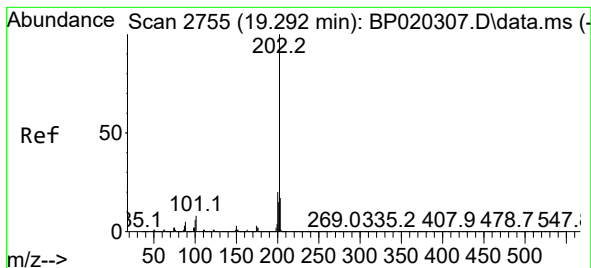
Ion Ratio Lower Upper

167 100

166 22.8 17.4 26.0

139 14.4 11.0 16.4

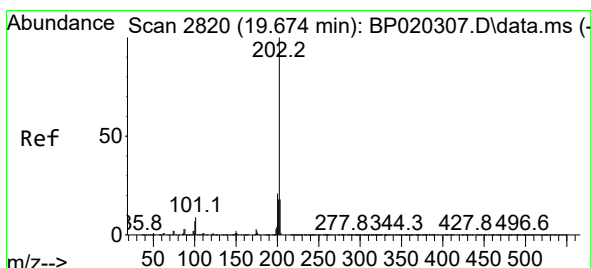
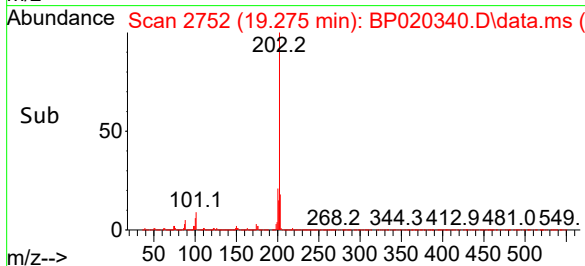
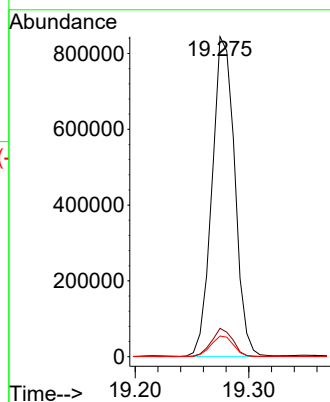
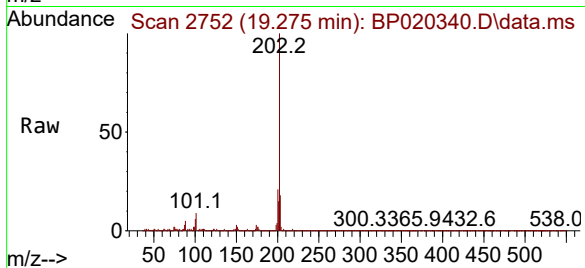




#80
Fluoranthene
Concen: 32.675 ng/ul
RT: 19.275 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020340.D
Acq: 12 May 2024 04:51

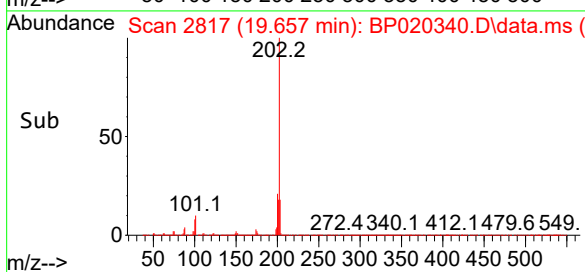
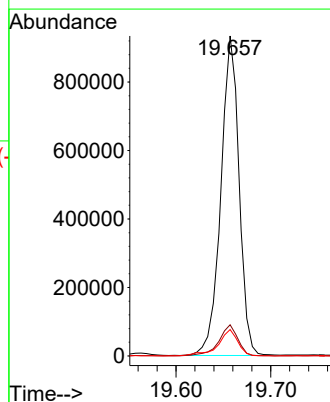
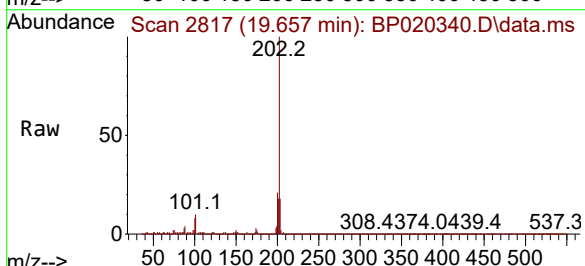
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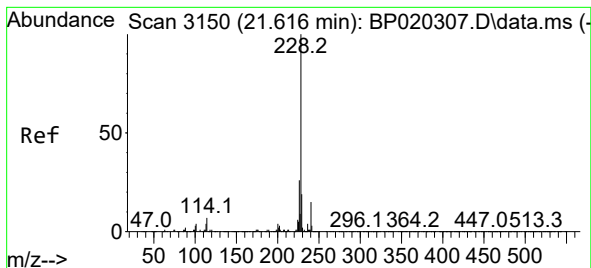
Tgt Ion:202 Resp: 1169330
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.4
100 6.5 5.5 8.3



#82
Pyrene
Concen: 33.584 ng/ul
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP020340.D
Acq: 12 May 2024 04:51

Tgt Ion:202 Resp: 1250519
Ion Ratio Lower Upper
202 100
101 9.8 8.1 12.1
100 8.3 6.8 10.2





#85

Benzo(a)anthracene

Concen: 14.358 ng/ul

RT: 21.663 min Scan# 3158

Delta R.T. 0.071 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4

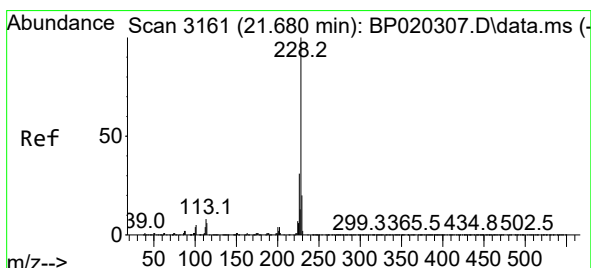
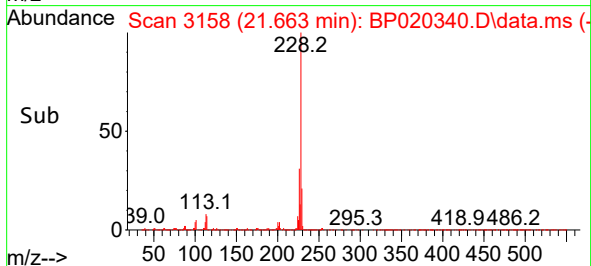
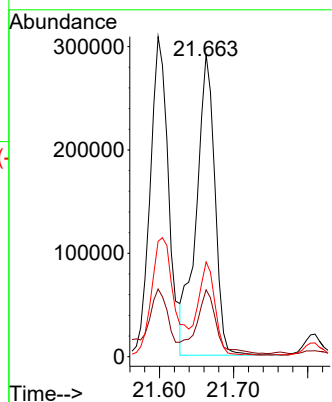
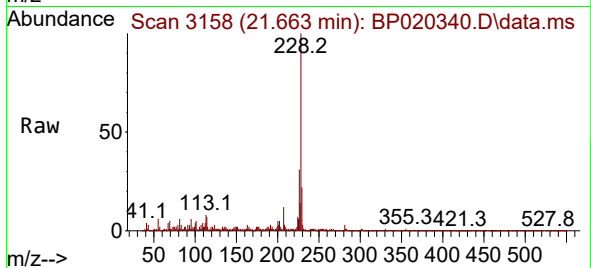
Tgt Ion:228 Resp: 506593

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.8

226 31.3 21.5 32.3



#87

Chrysene

Concen: 15.437 ng/ul

RT: 21.663 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

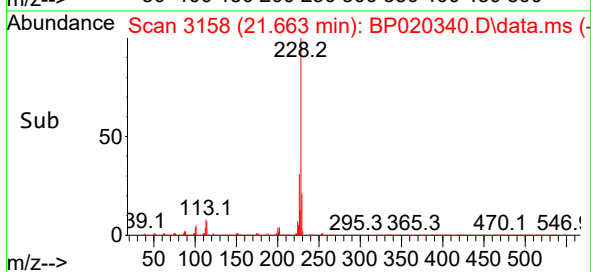
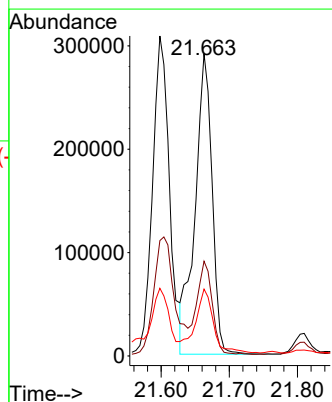
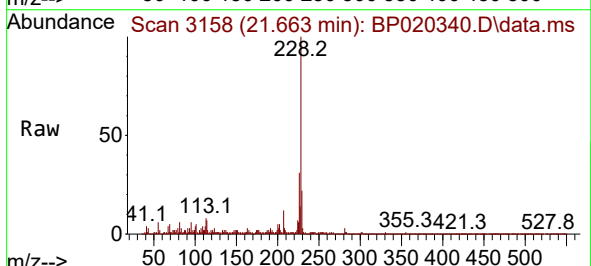
Tgt Ion:228 Resp: 504834

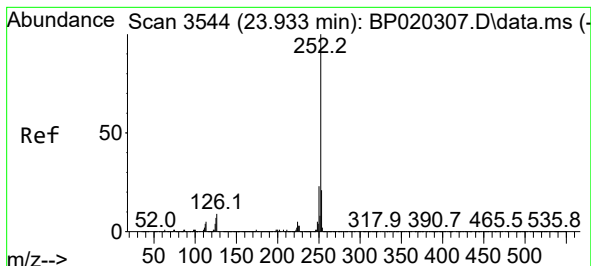
Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

229 22.1 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 18.585 ng/ul

RT: 23.922 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP020340.D

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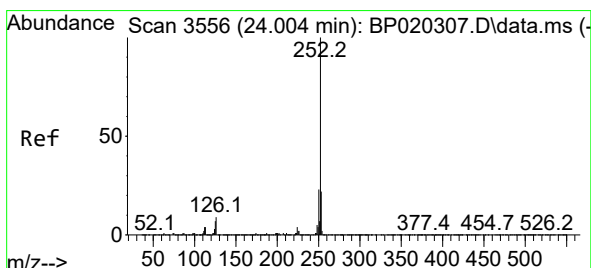
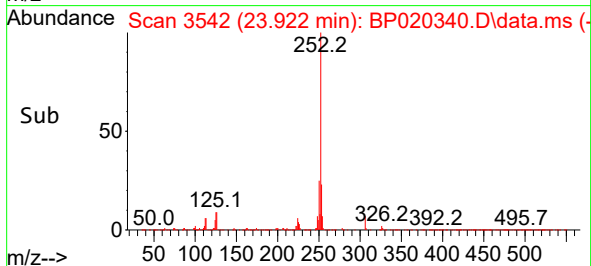
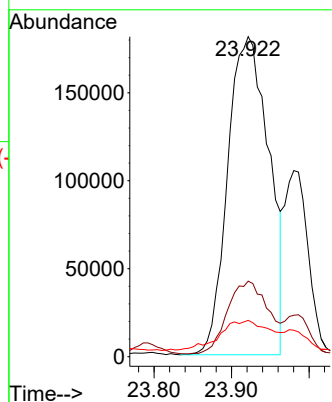
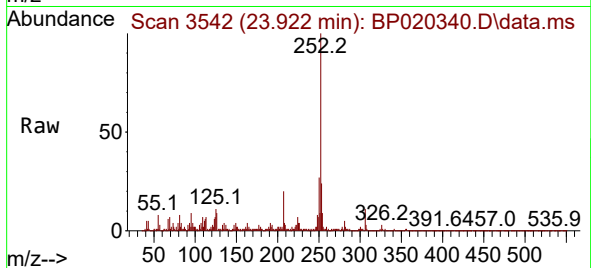
Tgt Ion:252 Resp: 668425

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 11.3 6.2 9.2#



#91

Benzo(k)fluoranthene

Concen: 5.953 ng/ul

RT: 23.980 min Scan# 3552

Delta R.T. 0.000 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

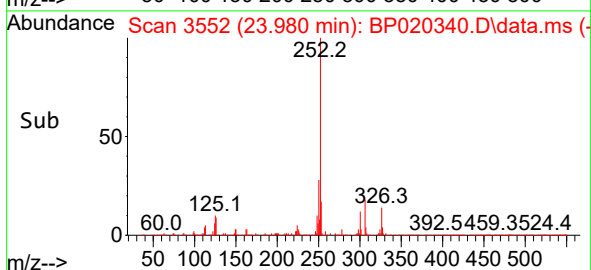
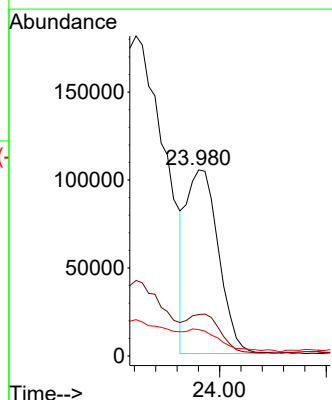
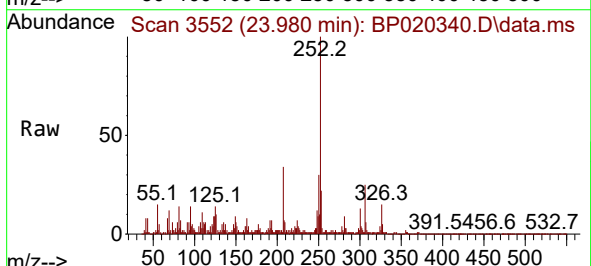
Tgt Ion:252 Resp: 218176

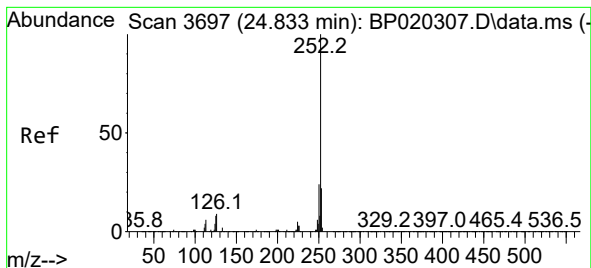
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 14.2 5.6 8.4#





#93

Benzo(a)pyrene

Concen: 15.148 ng/ul

RT: 24.810 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4

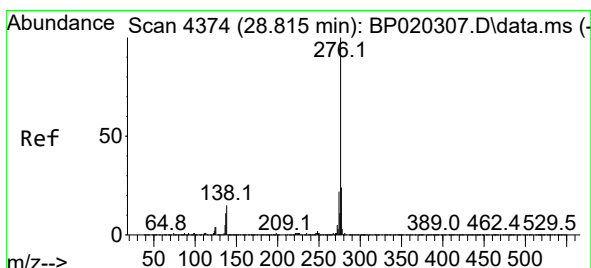
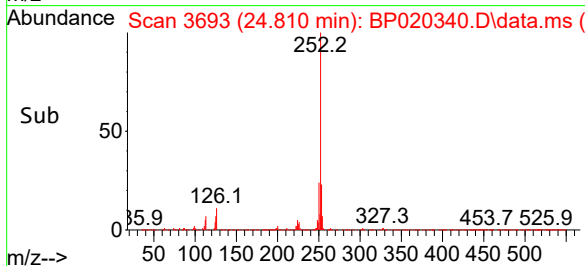
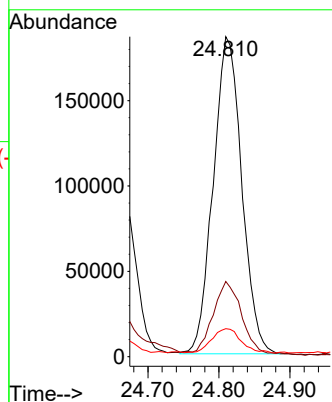
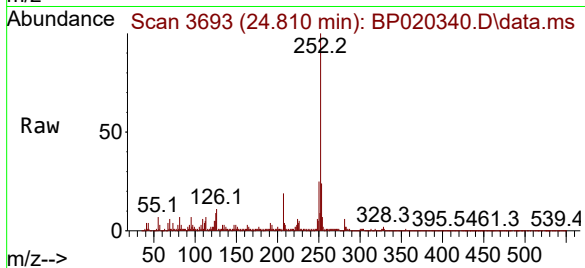
Tgt Ion:252 Resp: 518390

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 8.7 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.078 ng/ul

RT: 28.780 min Scan# 4368

Delta R.T. -0.012 min

Lab File: BP020340.D

Acq: 12 May 2024 04:51

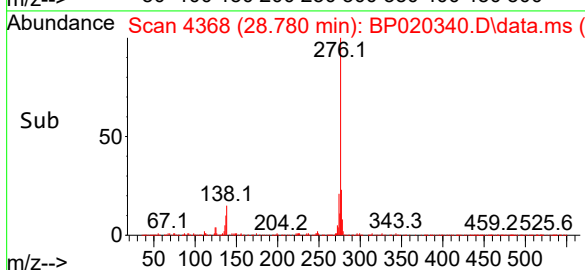
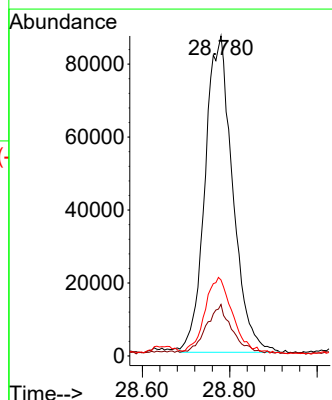
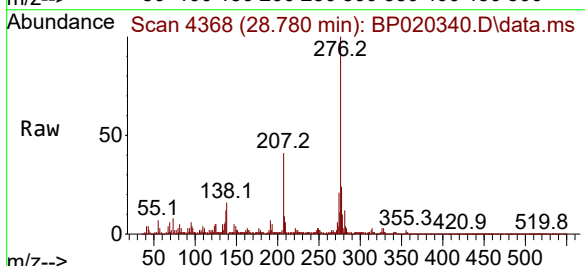
Tgt Ion:276 Resp: 380831

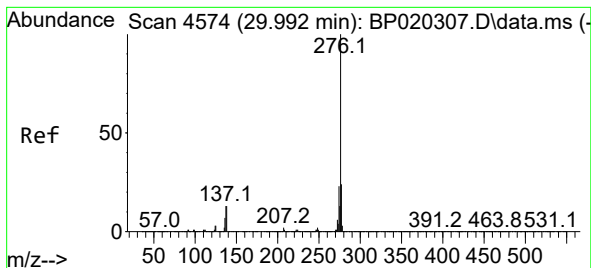
Ion Ratio Lower Upper

276 100

138 16.1 12.3 18.5

277 23.7 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 11.677 ng/ul

RT: 29.962 min Scan# 4

Delta R.T. -0.018 min

Lab File: BP020340.D

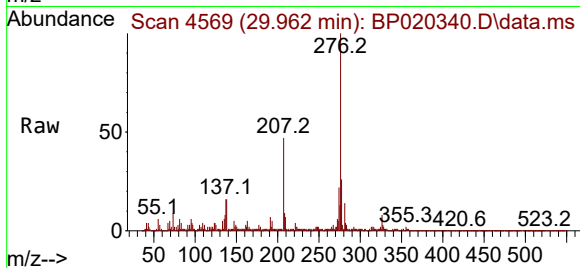
Acq: 12 May 2024 04:51

Instrument :

BNA_P

ClientSampleId :

A43S4



Tgt Ion:276 Resp: 395086

Ion Ratio Lower Upper

276 100

138 16.2 11.6 17.4

277 25.7 19.4 29.0

