

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020214.D
 Acq On : 06 May 2024 20:17
 Operator : MA/JU
 Sample : P2368-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43K6

Quant Time: May 06 22:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

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

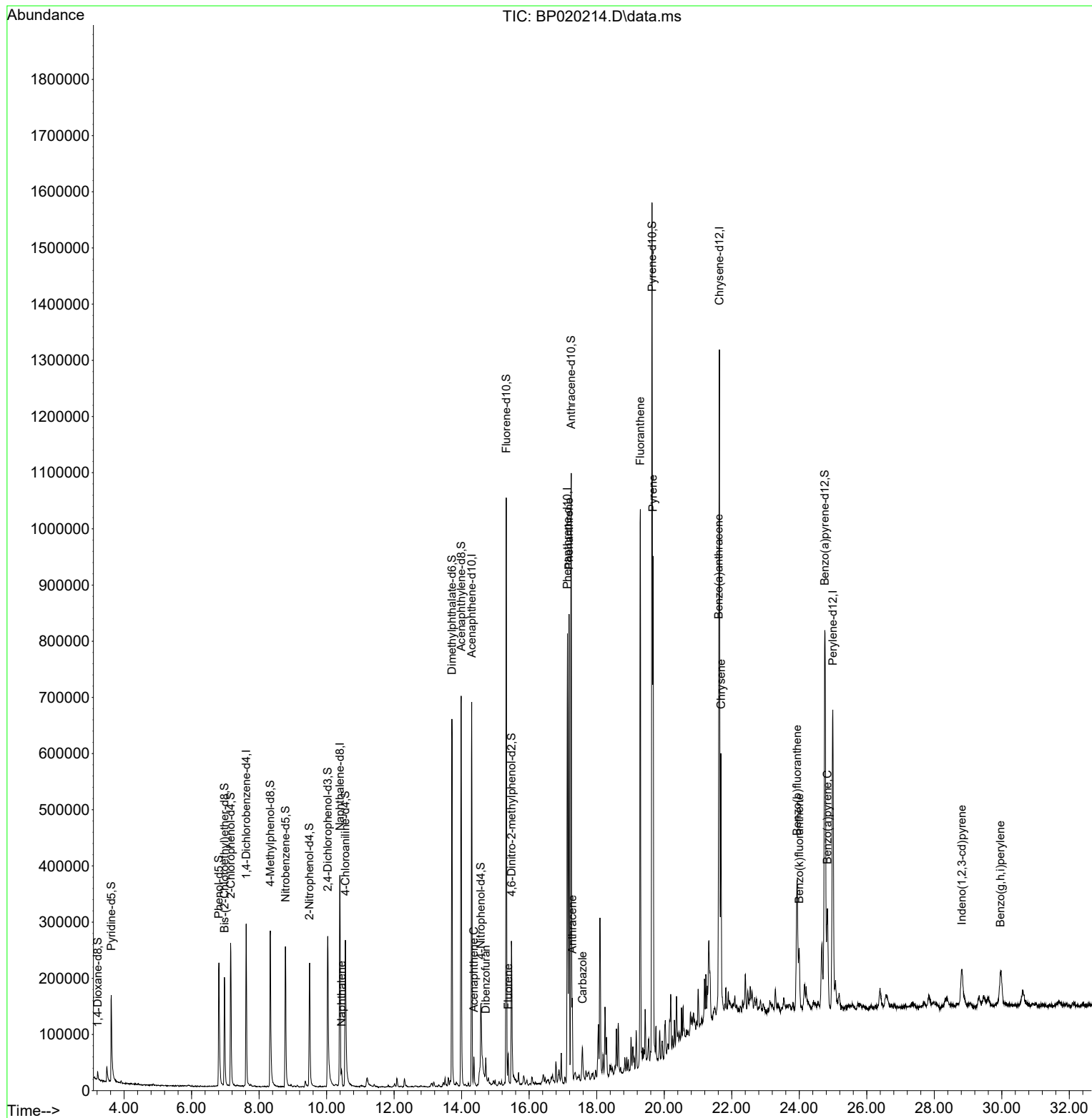
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	74101	20.000	ng/u1	0.02
20) Naphthalene-d8	10.392	136	315092	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.298	164	218356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	523478	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	570629	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	570649	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	8262	4.709	ng/uL	0.00
4) Pyridine-d5	3.622	84	102292	20.064	ng/u1	0.02
7) Phenol-d5	6.810	99	149472	23.488	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.975	67	98065	25.368	ng/u1	0.02
11) 2-Chlorophenol-d4	7.157	132	114262	25.117	ng/u1	0.02
15) 4-Methylphenol-d8	8.334	113	119168	23.162	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	60832	25.782	ng/u1	0.02
24) 2-Nitrophenol-d4	9.492	143	69750	25.814	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.034	165	117218	23.773	ng/u1	0.02
31) 4-Chloroaniline-d4	10.557	131	167807	24.317	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	443103	27.788	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	479504	27.222	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	62586	25.538	ng/u1	0.02
60) Fluorene-d10	15.321	176	375696	28.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	65864	19.828	ng/u1	0.00
73) Anthracene-d10	17.245	188	620974	27.421	ng/u1	0.00
81) Pyrene-d10	19.639	212	819286	24.562	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.756	264	779129	28.238	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.445	128	20482	1.261	ng/u1#	93
52) Acenaphthene	14.363	153	19952	1.499	ng/u1	95
56) Dibenzofuran	14.716	168	22184	1.211	ng/u1	97
61) Fluorene	15.380	166	24394	1.603	ng/u1#	95
72) Phenanthrene	17.180	178	512635	19.194	ng/u1	99
74) Anthracene	17.274	178	82279	3.029	ng/u1	94
77) Carbazole	17.580	167	37427	1.599	ng/u1	98
80) Fluoranthene	19.292	202	651746	16.603	ng/u1	99
82) Pyrene	19.668	202	624892	15.299	ng/u1	99
85) Benzo(a)anthracene	21.615	228	259771	6.712	ng/u1	99
87) Chrysene	21.680	228	287512	8.015	ng/u1	98
90) Benzo(b)fluoranthene	23.933	252	290083	8.546	ng/u1	99
91) Benzo(k)fluoranthene	23.997	252	92545	2.675	ng/u1	94
93) Benzo(a)pyrene	24.833	252	211256	6.541	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.815	276	119606	3.021	ng/u1	98
96) Benzo(g,h,i)perylene	29.962	276	62883	1.969	ng/u1	97

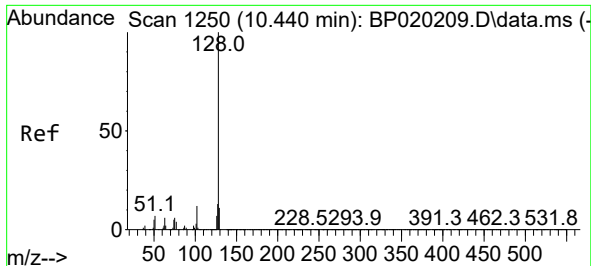
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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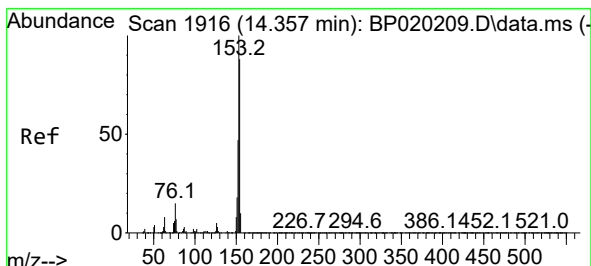
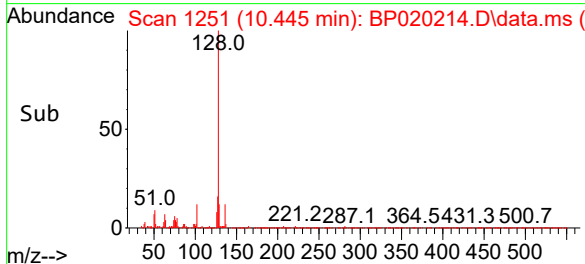
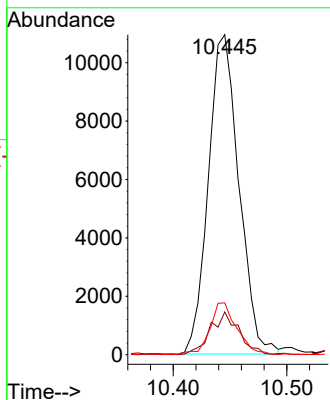
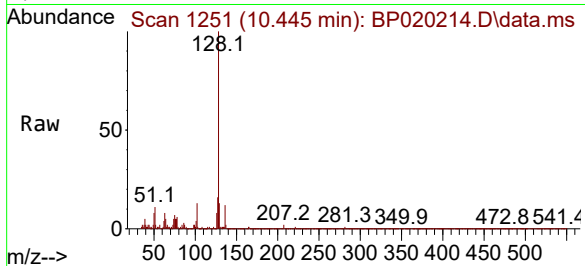




#30
Naphthalene
Concen: 1.261 ng/ul
RT: 10.445 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

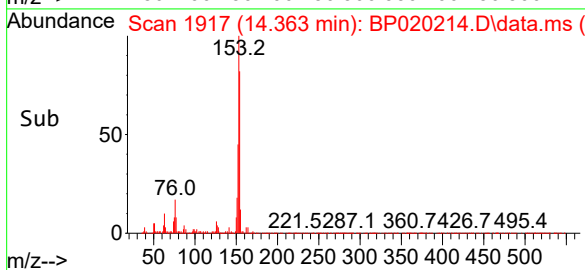
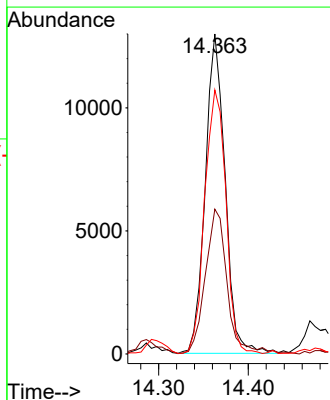
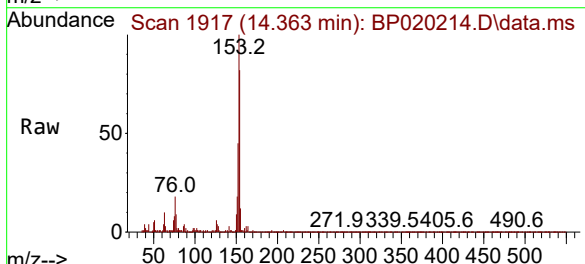
Instrument :
BNA_P
ClientSampleId :
A43K6

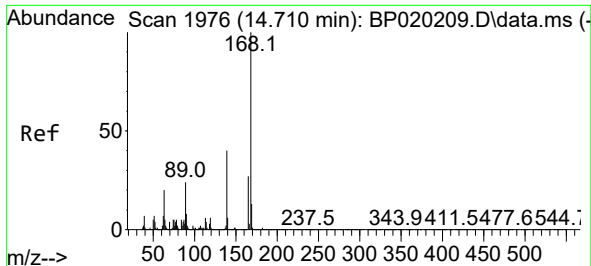
Tgt Ion:128 Resp: 20482
Ion Ratio Lower Upper
128 100
129 13.4 8.9 13.3#
127 16.2 10.6 16.0#



#52
Acenaphthene
Concen: 1.499 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.005 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

Tgt Ion:153 Resp: 19952
Ion Ratio Lower Upper
153 100
152 45.3 37.4 56.2
154 82.5 70.3 105.5

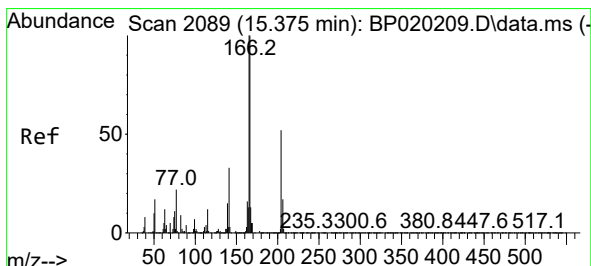
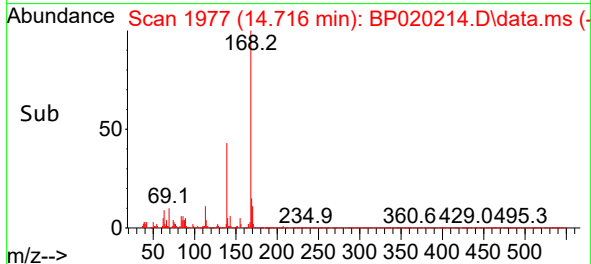
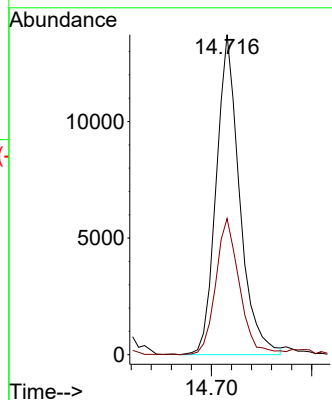
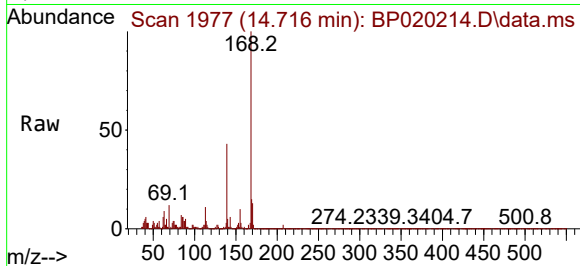




#56
Dibenzenofuran
Concen: 1.211 ng/ul
RT: 14.716 min Scan# 1976
Delta R.T. 0.011 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

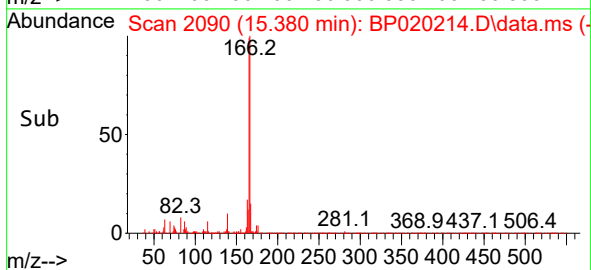
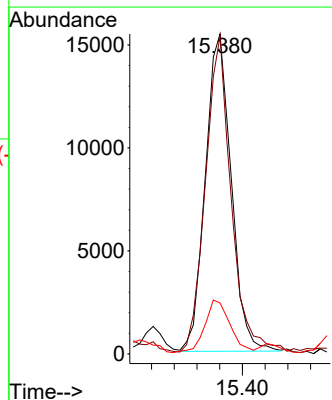
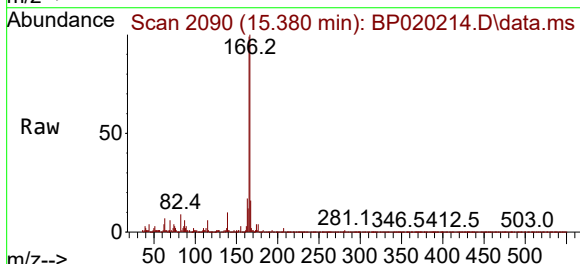
Instrument :
BNA_P
ClientSampleId :
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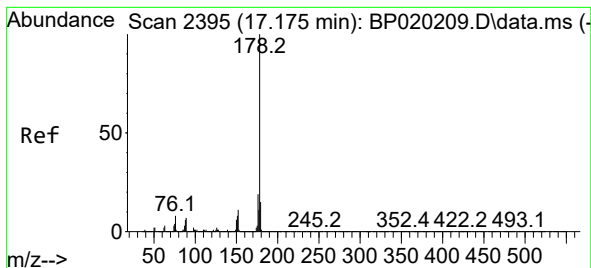
Tgt Ion:168 Resp: 22184
Ion Ratio Lower Upper
168 100
139 42.5 32.7 49.1



#61
Fluorene
Concen: 1.603 ng/ul
RT: 15.380 min Scan# 2090
Delta R.T. 0.005 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

Tgt Ion:166 Resp: 24394
Ion Ratio Lower Upper
166 100
165 99.3 76.2 114.2
167 16.0 10.3 15.5#





#72

Phenanthrene

Concen: 19.194 ng/ul

RT: 17.180 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

Instrument :

BNA_P

ClientSampleId :

A43K6

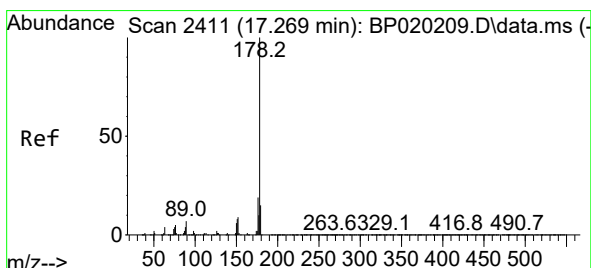
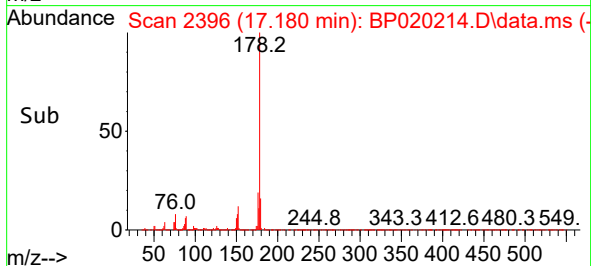
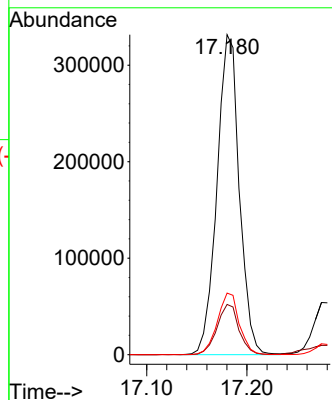
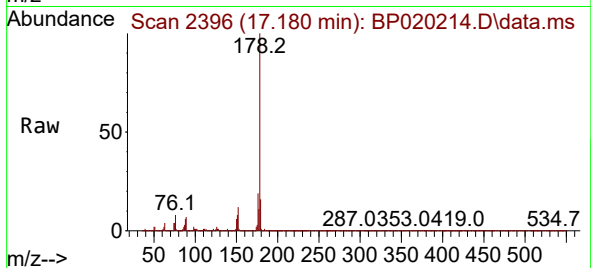
Tgt Ion:178 Resp: 512635

Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.6

176 19.2 15.2 22.8



#74

Anthracene

Concen: 3.029 ng/ul

RT: 17.274 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

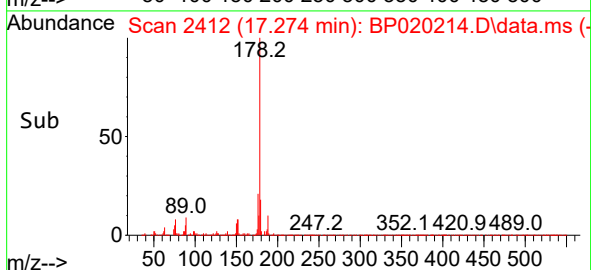
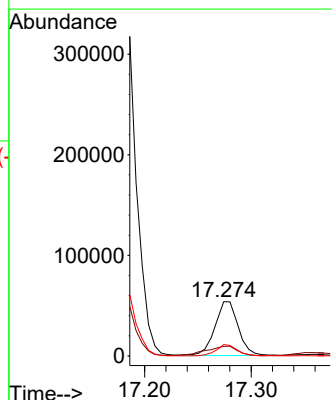
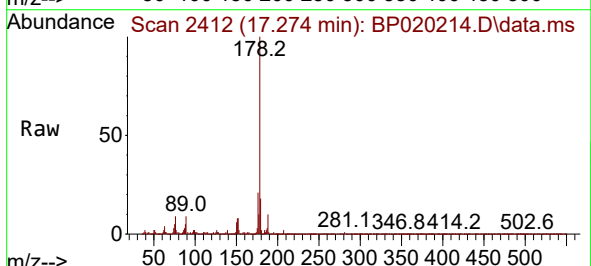
Tgt Ion:178 Resp: 82279

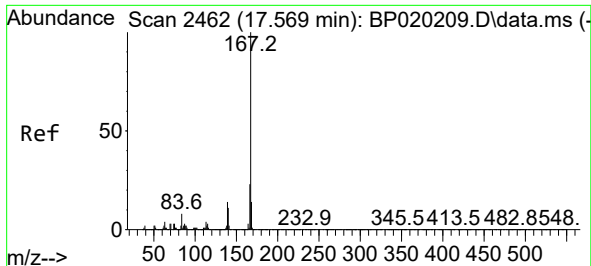
Ion Ratio Lower Upper

178 100

179 17.7 12.0 18.0

176 20.8 14.8 22.2

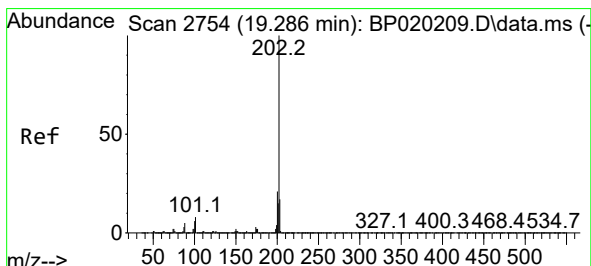
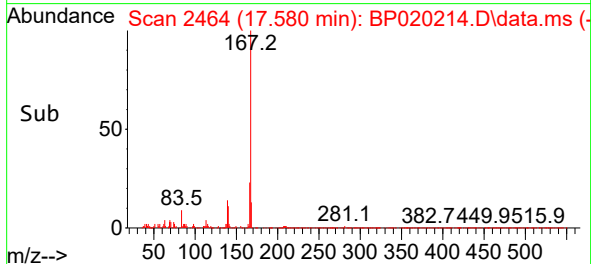
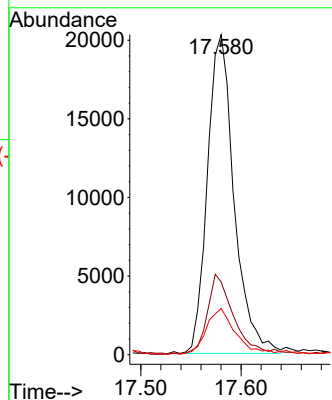
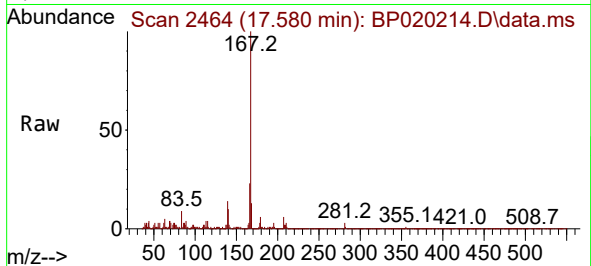




#77
Carbazole
Concen: 1.599 ng/ul
RT: 17.580 min Scan# 2464
Delta R.T. 0.011 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

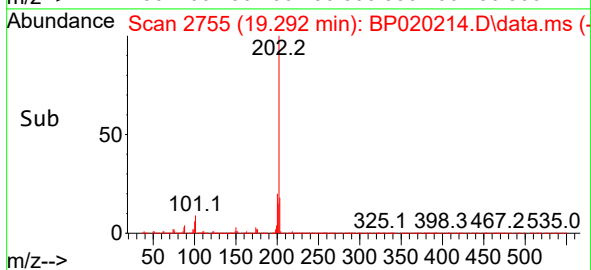
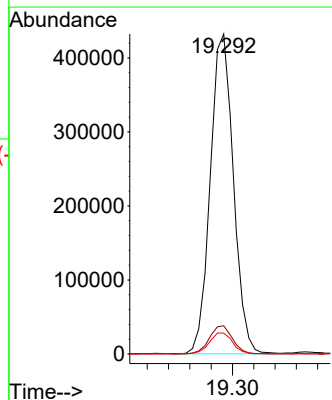
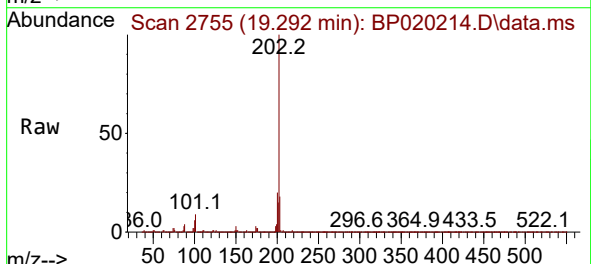
Instrument :
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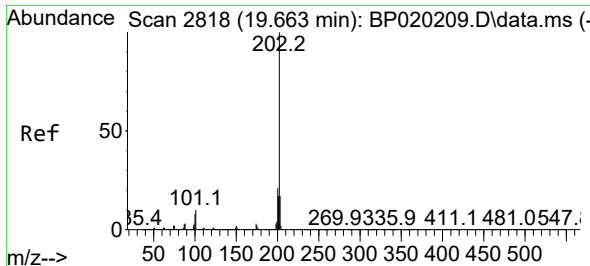
Tgt Ion:167 Resp: 37427
Ion Ratio Lower Upper
167 100
166 22.7 17.4 26.0
139 14.4 11.0 16.4



#80
Fluoranthene
Concen: 16.603 ng/ul
RT: 19.292 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BP020214.D
Acq: 06 May 2024 20:17

Tgt Ion:202 Resp: 651746
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.4
100 6.5 5.5 8.3

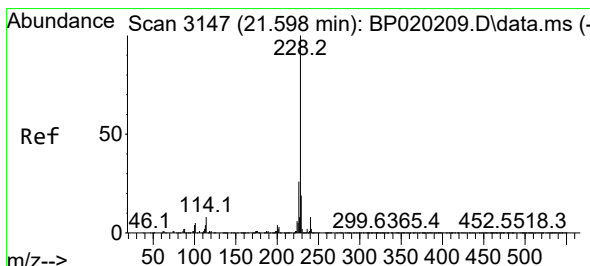
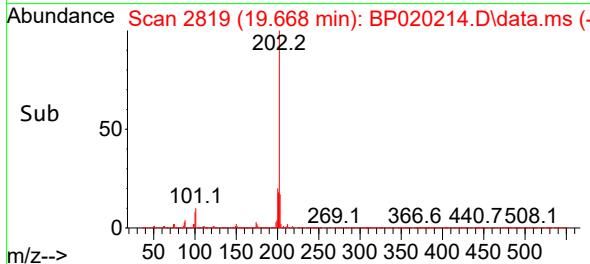
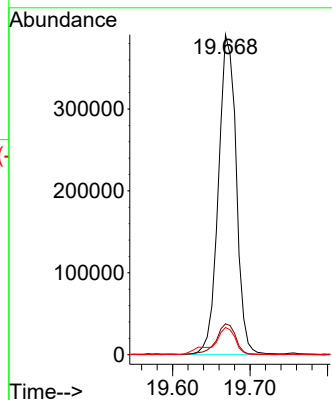
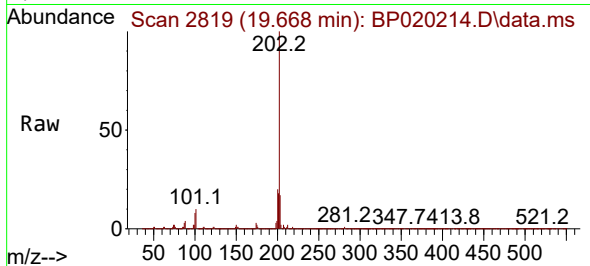




#82
 Pyrene
 Concen: 15.299 ng/ul
 RT: 19.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020214.D
 Acq: 06 May 2024 20:17

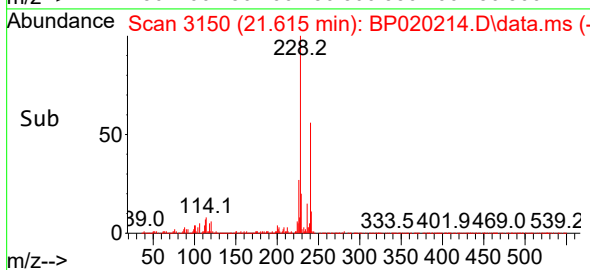
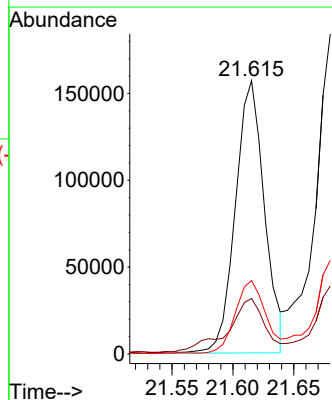
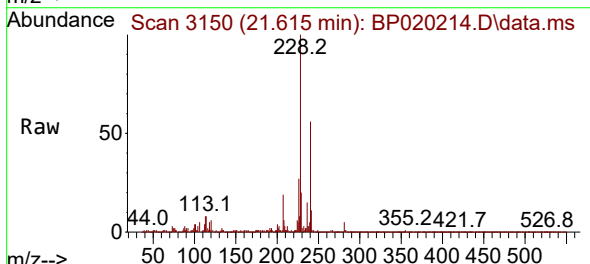
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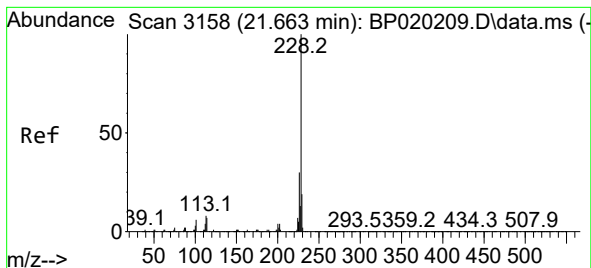
Tgt Ion:202 Resp: 624892
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.1 12.1
 100 8.5 6.8 10.2



#85
 Benzo(a)anthracene
 Concen: 6.712 ng/ul
 RT: 21.615 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: BP020214.D
 Acq: 06 May 2024 20:17

Tgt Ion:228 Resp: 259771
 Ion Ratio Lower Upper
 228 100
 229 20.3 15.8 23.8
 226 26.9 21.5 32.3





#87

Chrysene

Concen: 8.015 ng/ul

RT: 21.680 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

Instrument :

BNA_P

ClientSampleId :

A43K6

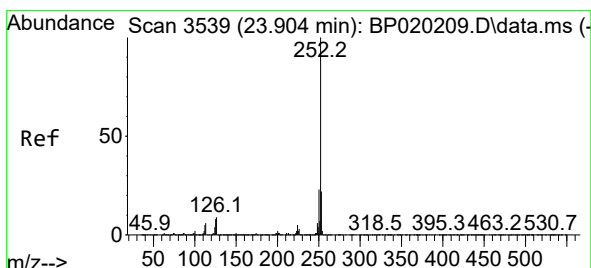
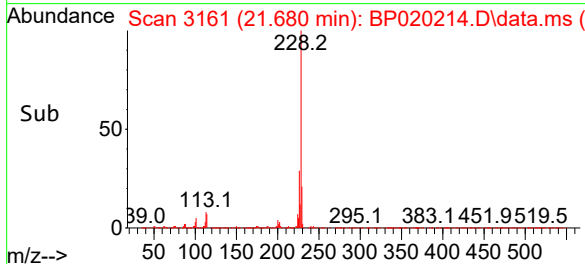
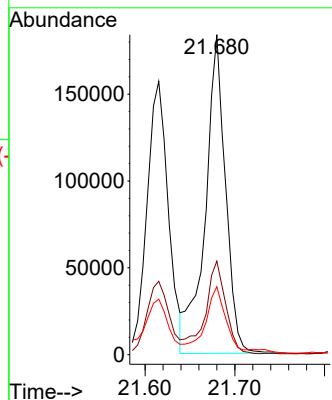
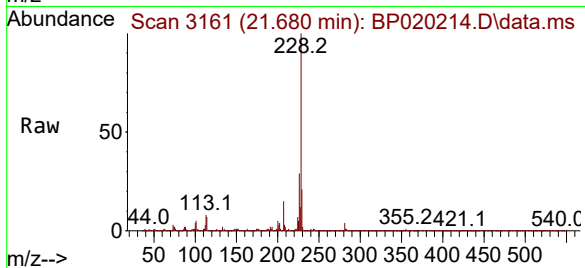
Tgt Ion:228 Resp: 287512

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

229 21.3 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 8.546 ng/ul

RT: 23.933 min Scan# 3544

Delta R.T. 0.011 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

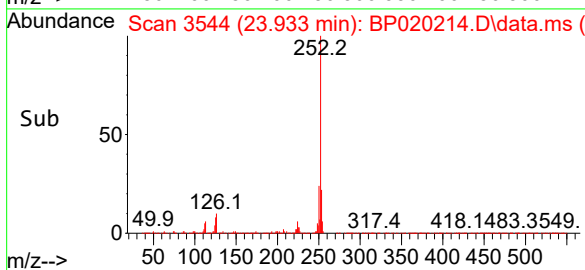
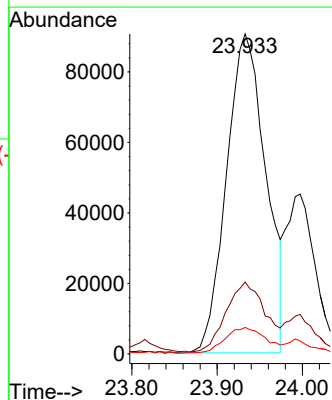
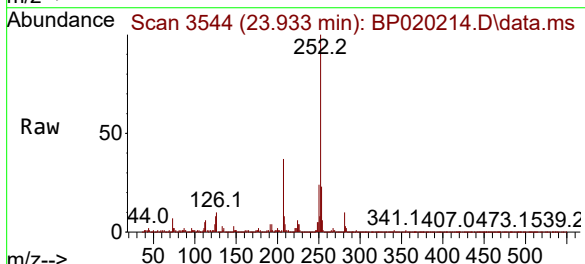
Tgt Ion:252 Resp: 290083

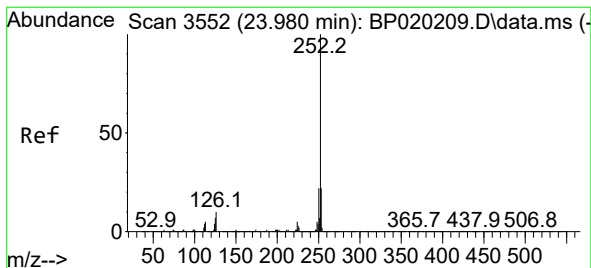
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 8.3 6.2 9.2





#91

Benzo(k)fluoranthene

Concen: 2.675 ng/ul

RT: 23.997 min Scan# 3555

Delta R.T. -0.000 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

Instrument :

BNA_P

ClientSampleId :

A43K6

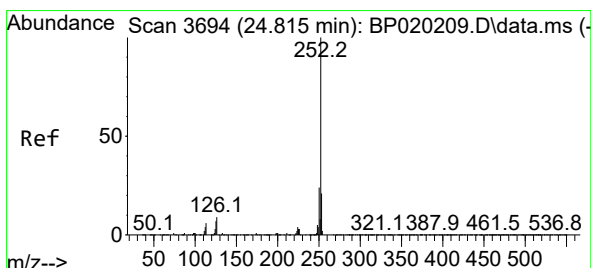
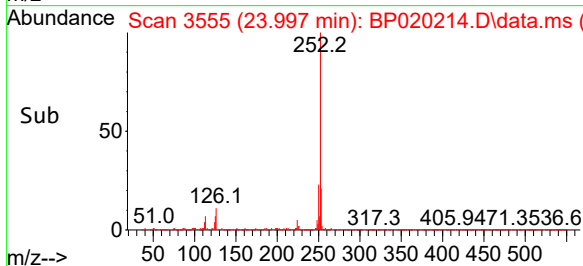
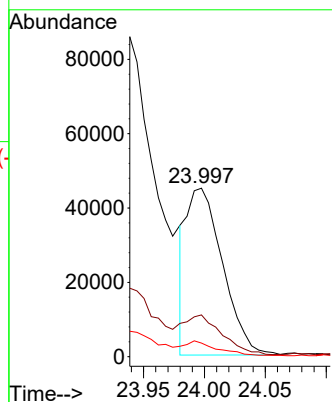
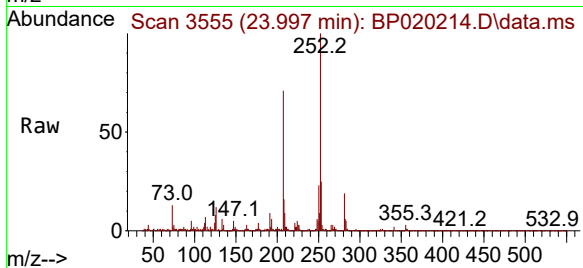
Tgt Ion:252 Resp: 92545

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

125 8.1 5.6 8.4



#93

Benzo(a)pyrene

Concen: 6.541 ng/ul

RT: 24.833 min Scan# 3697

Delta R.T. -0.000 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

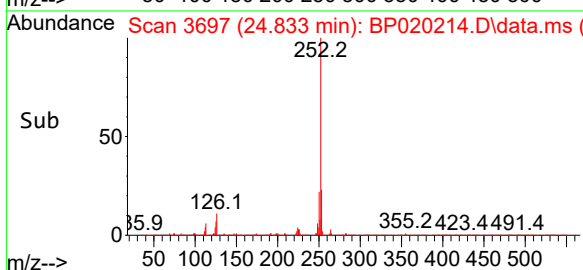
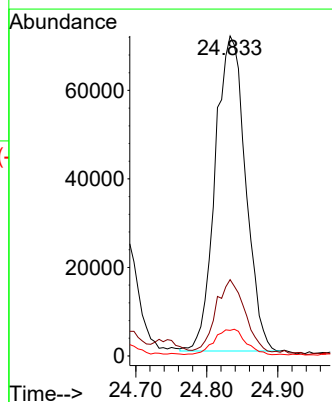
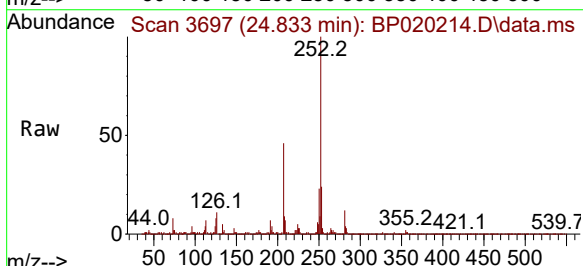
Tgt Ion:252 Resp: 211256

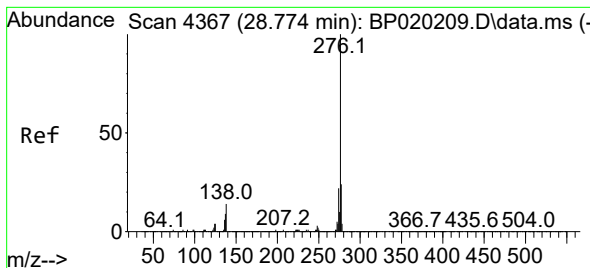
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

125 8.0 6.6 10.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.021 ng/ul

RT: 28.815 min Scan# 41

Delta R.T. 0.011 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

Instrument :

BNA_P

ClientSampleId :

A43K6

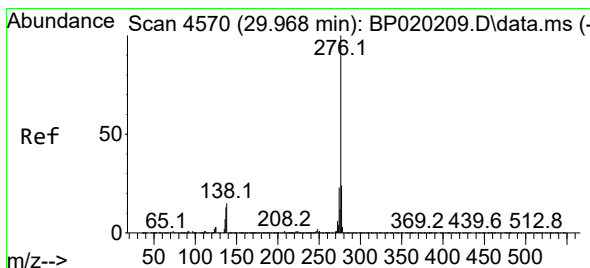
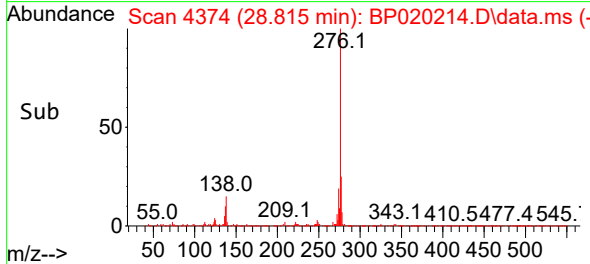
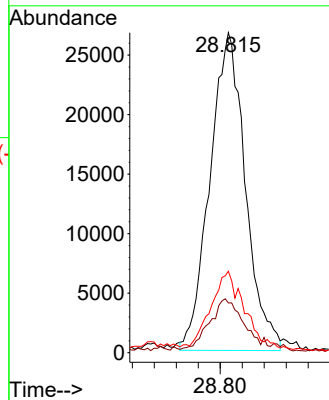
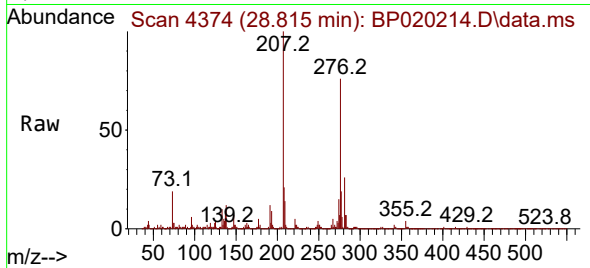
Tgt Ion:276 Resp: 119606

Ion Ratio Lower Upper

276 100

138 15.5 12.3 18.5

277 25.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 1.969 ng/ul

RT: 29.962 min Scan# 4569

Delta R.T. -0.018 min

Lab File: BP020214.D

Acq: 06 May 2024 20:17

Tgt Ion:276 Resp: 62883

Ion Ratio Lower Upper

276 100

138 13.2 11.6 17.4

277 22.9 19.4 29.0

