

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020336.D
 Acq On : 12 May 2024 01:55
 Operator : MA/JU
 Sample : P2371-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43R8

Quant Time: May 13 00:26:08 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

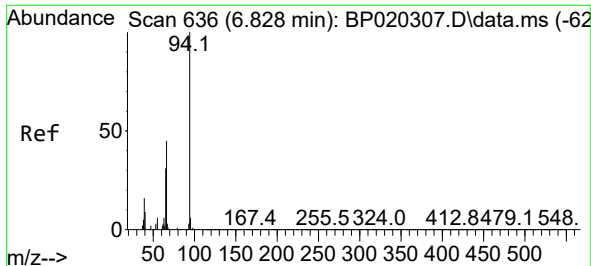
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	78911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	322044	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.292	164	222494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.127	188	499643	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	554378	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	642461	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	6803	3.641	ng/uL	0.00
4) Pyridine-d5	3.622	84	57119	10.521	ng/ul	0.00
7) Phenol-d5	6.804	99	139879	20.641	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	85841	20.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	113033	23.332	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	99544	18.169	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	53462	22.169	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	64239	23.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	114714	22.763	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	91098	12.916	ng/ul	0.01
46) Dimethylphthalate-d6	13.704	166	394399	24.274	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	435601	24.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	46110	18.465	ng/ul	0.00
60) Fluorene-d10	15.310	176	350593	25.870	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	60019	18.930	ng/ul	0.00
73) Anthracene-d10	17.227	188	591783	27.379	ng/ul	0.00
81) Pyrene-d10	19.633	212	788622	24.336	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	844025	27.171	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	7427	1.062	ng/ul#	52
16) Acetophenone	8.451	105	40449	4.448	ng/ul	96
50) Acenaphthylene	14.010	152	203070	10.059	ng/ul	100
61) Fluorene	15.375	166	39417	2.542	ng/ul	94
71) Pentachlorophenol	16.786	266	7319	1.932	ng/ul	91
72) Phenanthrene	17.174	178	1269001	49.780	ng/ul	99
74) Anthracene	17.269	178	149789	5.777	ng/ul	98
80) Fluoranthene	19.280	202	2317935	60.779	ng/ul	99
82) Pyrene	19.663	202	3283819	82.756	ng/ul	99
85) Benzo(a)anthracene	21.674	228	735888	19.571	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.545	149	47628	2.192	ng/ul	93
87) Chrysene	21.674	228	735673	21.110	ng/ul	99
90) Benzo(b)fluoranthene	23.921	252	1154751	30.215	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	334348	8.585	ng/ul	97
93) Benzo(a)pyrene	24.809	252	774206	21.290	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.791	276	552847	12.402	ng/ul	97
96) Benzo(g,h,i)perylene	29.962	276	592642	16.484	ng/ul	97

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

Quant Time: May 13 00:26:08 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

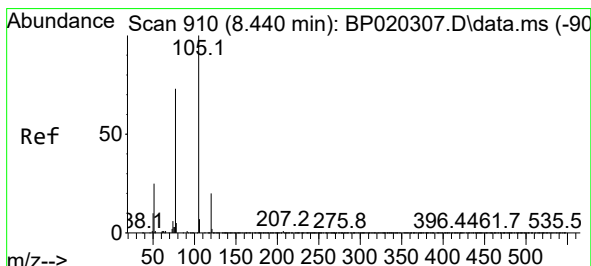
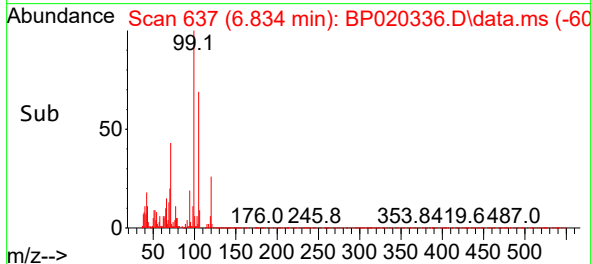
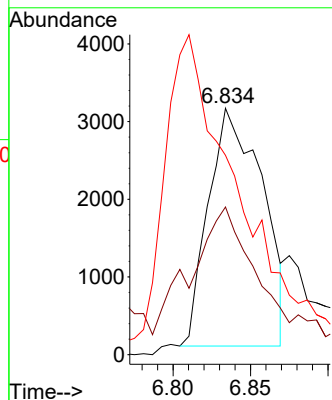
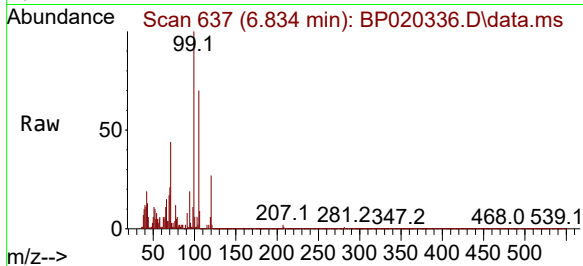




#8
Phenol
Concen: 1.062 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

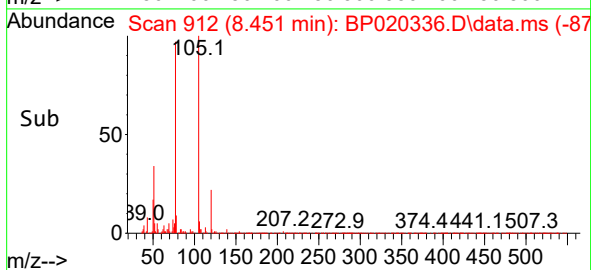
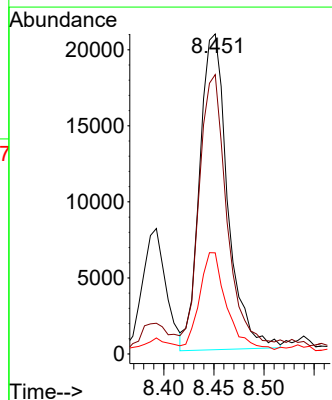
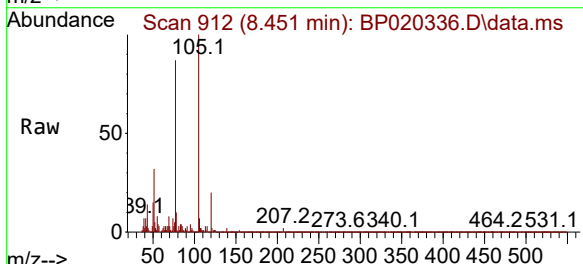
Instrument :
BNA_P
ClientSampleId :
A43R8

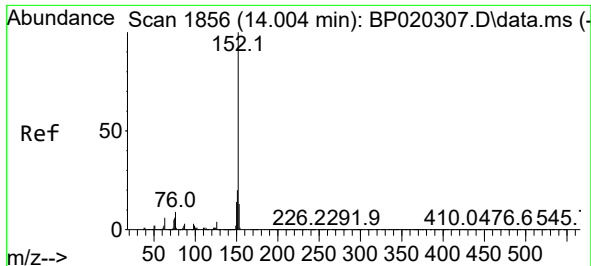
Tgt Ion: 94 Resp: 7427
Ion Ratio Lower Upper
94 100
65 59.9 26.1 39.1#
66 80.9 38.6 57.8#



#16
Acetophenone
Concen: 4.448 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. 0.011 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

Tgt Ion: 105 Resp: 40449
Ion Ratio Lower Upper
105 100
77 87.3 66.4 99.6
51 31.6 23.9 35.9

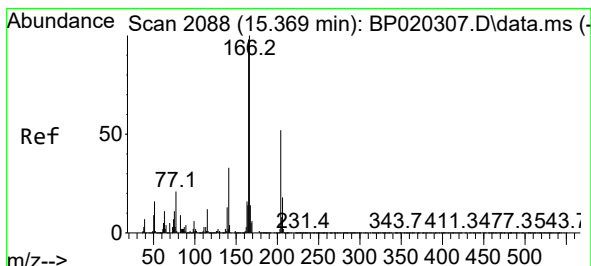
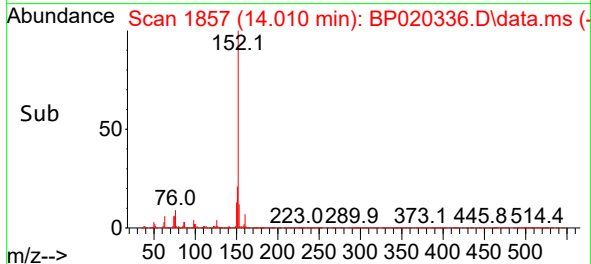
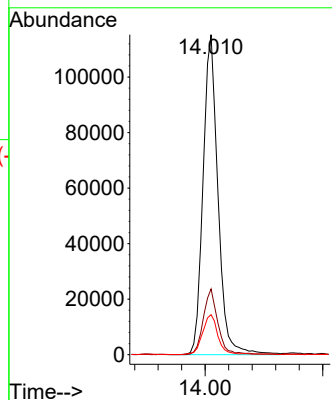
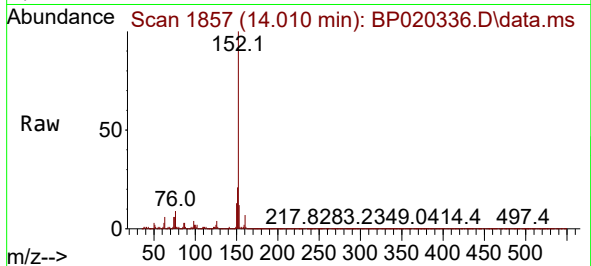




#50
Acenaphthylene
Concen: 10.059 ng/ul
RT: 14.010 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

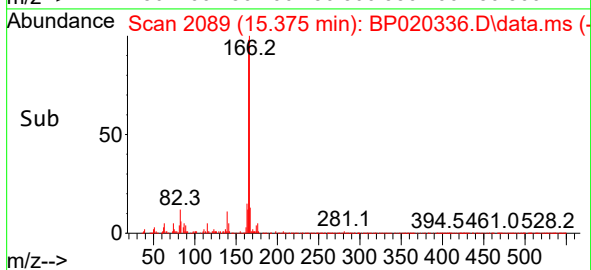
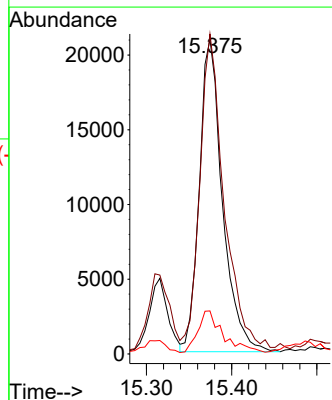
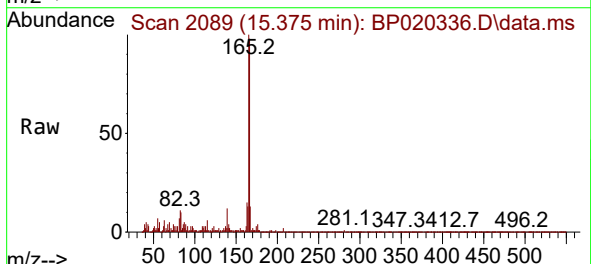
Instrument :
BNA_P
ClientSampleId :
A43R8

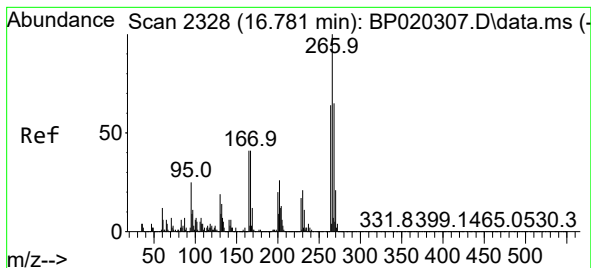
Tgt Ion:152 Resp: 203070
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 12.5 10.3 15.5



#61
Fluorene
Concen: 2.542 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

Tgt Ion:166 Resp: 39417
Ion Ratio Lower Upper
166 100
165 101.7 76.2 114.2
167 13.7 10.3 15.5





#71

Pentachlorophenol

Concen: 1.932 ng/ul

RT: 16.786 min Scan# 2328

Delta R.T. 0.011 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

Instrument :

BNA_P

ClientSampleId :

A43R8

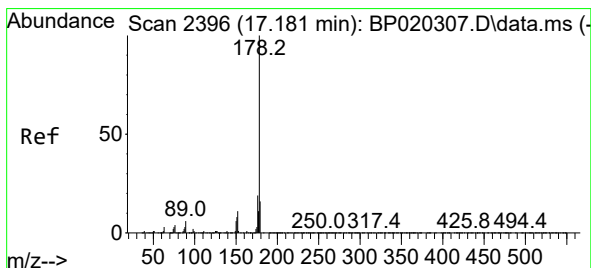
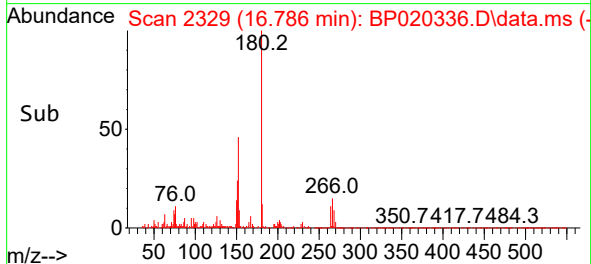
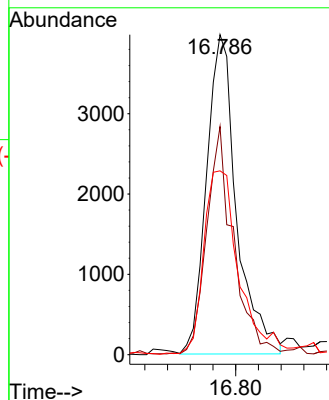
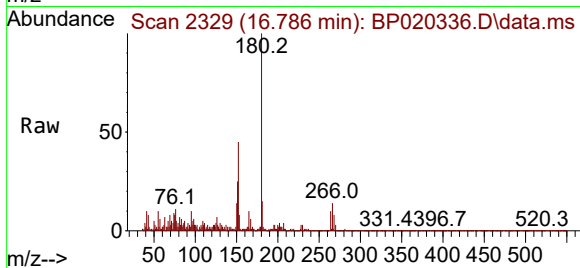
Tgt Ion:266 Resp: 7319

Ion Ratio Lower Upper

266 100

264 71.3 49.8 74.6

268 57.4 50.4 75.6



#72

Phenanthrene

Concen: 49.780 ng/ul

RT: 17.174 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

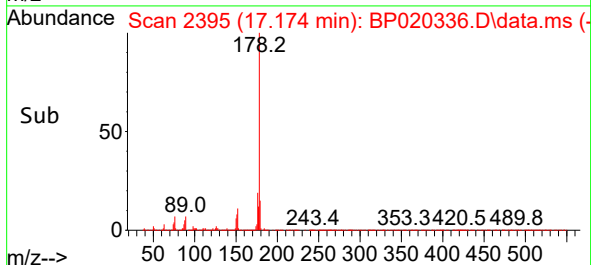
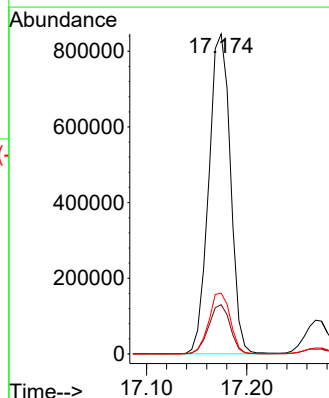
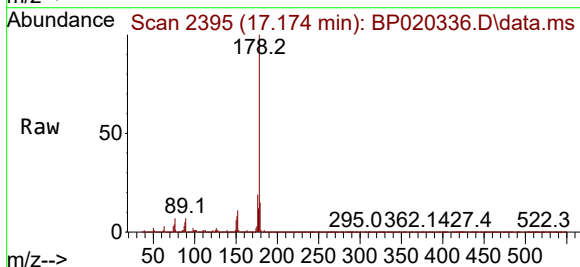
Tgt Ion:178 Resp: 1269001

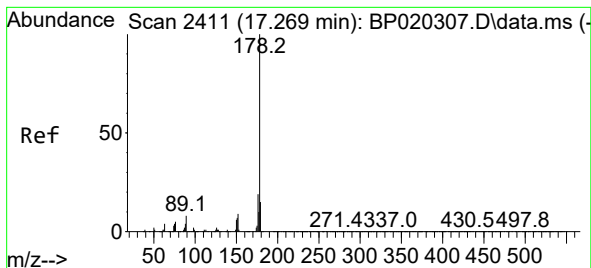
Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.0 15.2 22.8





#74

Anthracene

Concen: 5.777 ng/ul

RT: 17.269 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

Instrument :

BNA_P

ClientSampleId :

A43R8

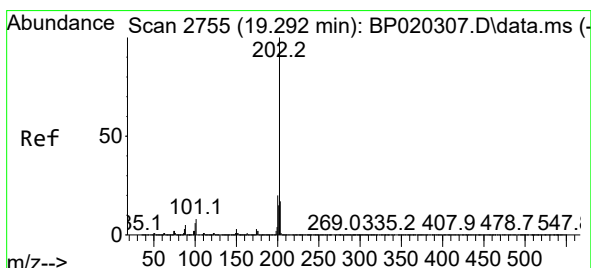
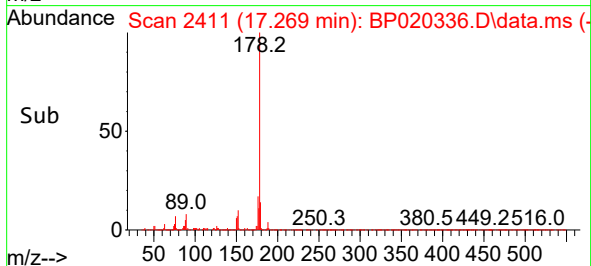
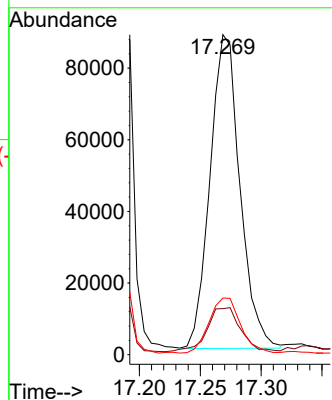
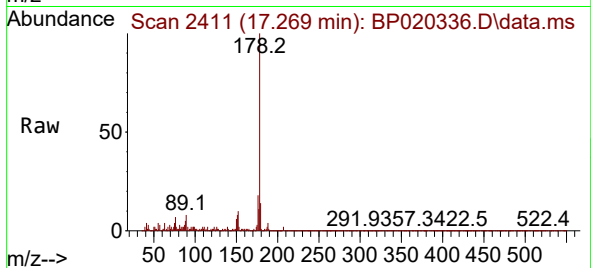
Tgt Ion:178 Resp: 149789

Ion Ratio Lower Upper

178 100

179 14.4 12.0 18.0

176 17.7 14.8 22.2



#80

Fluoranthene

Concen: 60.779 ng/ul

RT: 19.280 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

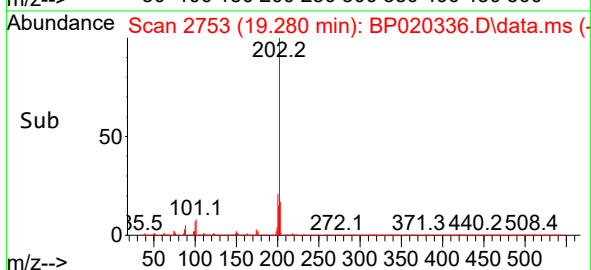
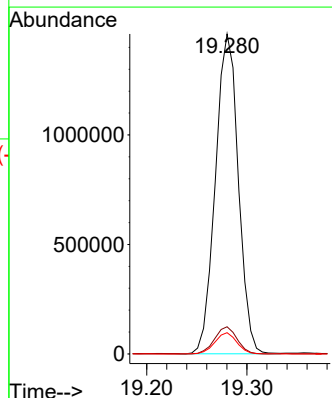
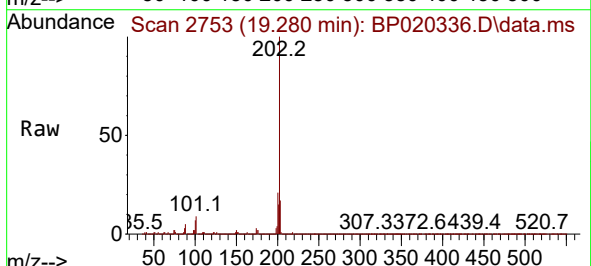
Tgt Ion:202 Resp: 2317935

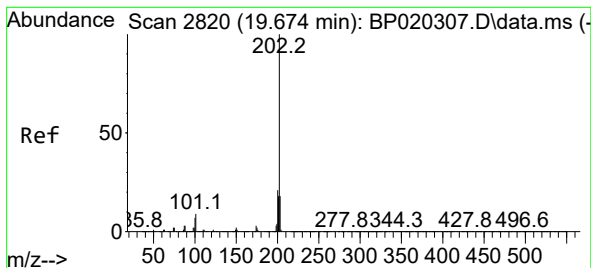
Ion Ratio Lower Upper

202 100

101 8.5 7.0 10.4

100 6.7 5.5 8.3





#82

Pyrene

Concen: 82.756 ng/ul

RT: 19.663 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

Instrument :

BNA_P

ClientSampleId :

A43R8

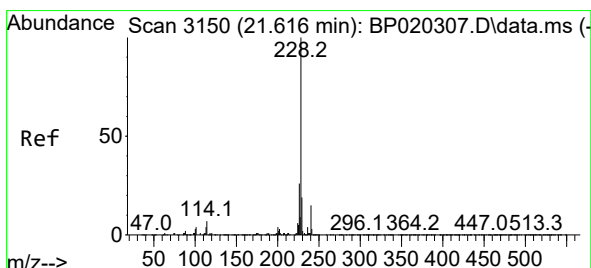
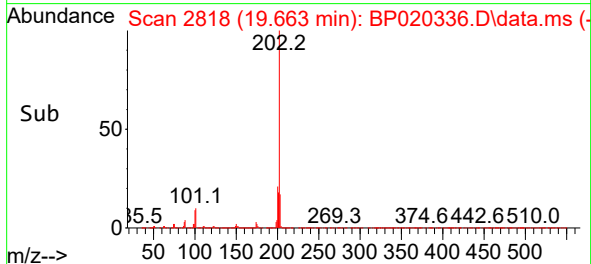
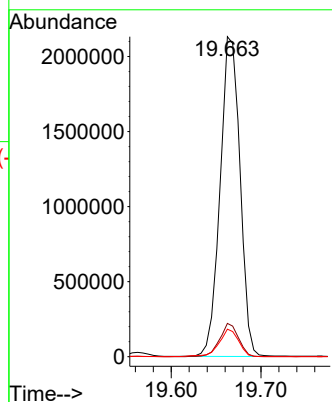
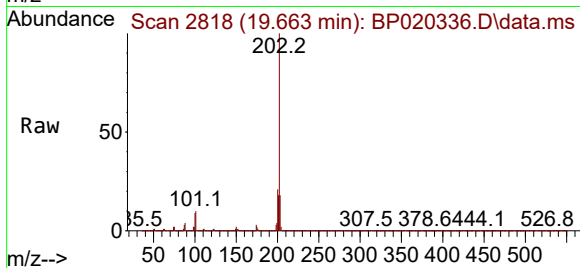
Tgt Ion:202 Resp: 3283819

Ion Ratio Lower Upper

202 100

101 10.4 8.1 12.1

100 8.6 6.8 10.2



#85

Benzo(a)anthracene

Concen: 19.571 ng/ul

RT: 21.674 min Scan# 3160

Delta R.T. 0.082 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

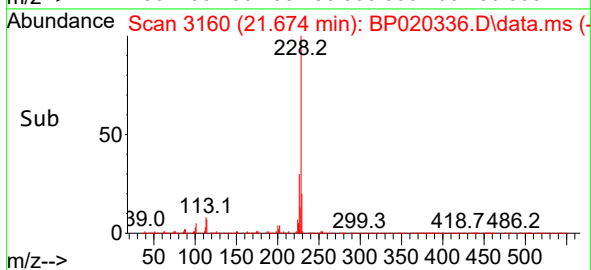
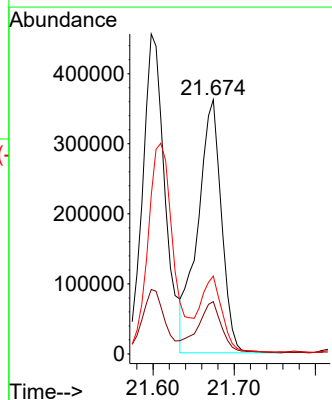
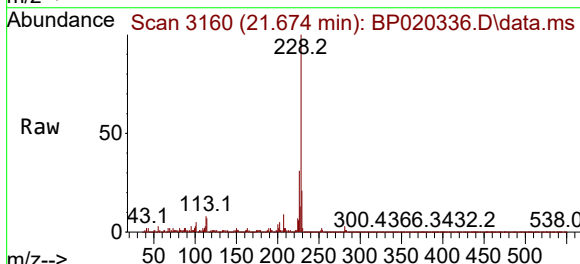
Tgt Ion:228 Resp: 735888

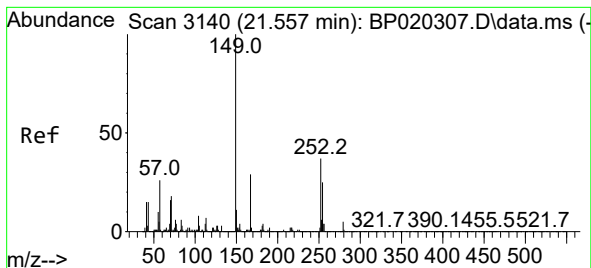
Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.8

226 30.7 21.5 32.3

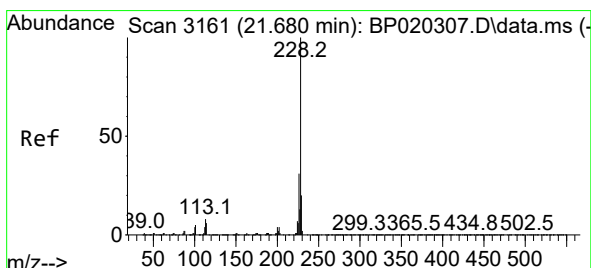
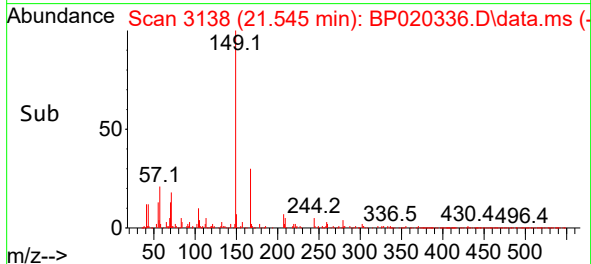
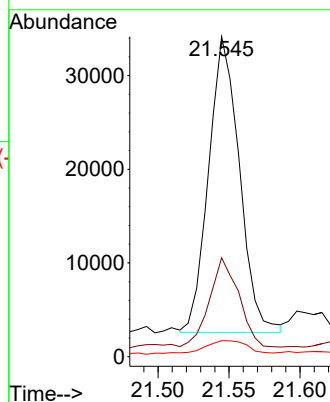
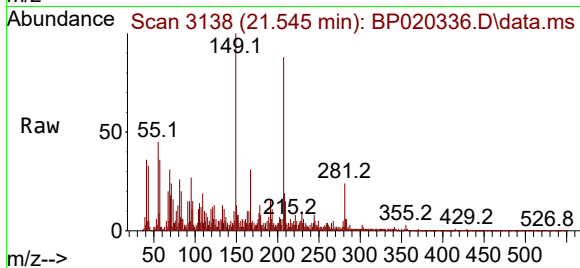




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.192 ng/ul
RT: 21.545 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

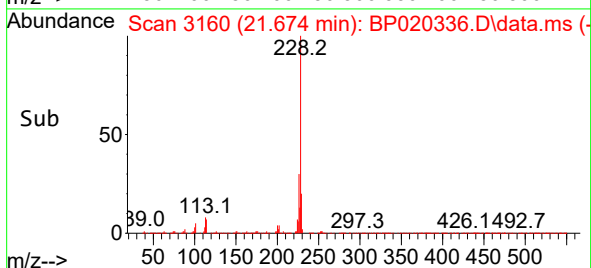
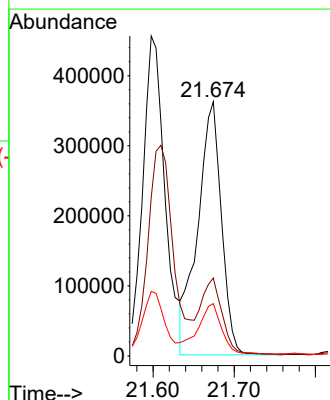
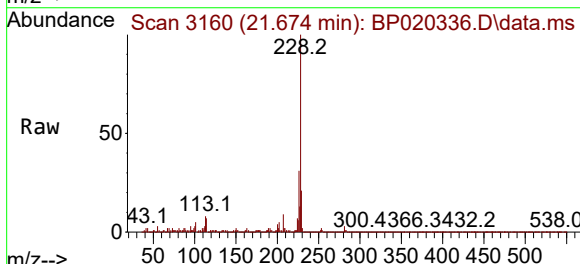
Instrument :
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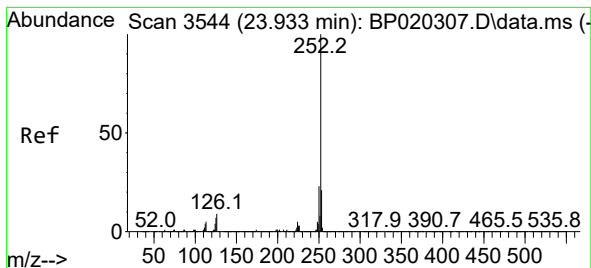
Tgt Ion:149 Resp: 47628
Ion Ratio Lower Upper
149 100
167 30.9 21.4 32.0
279 5.0 3.4 5.2



#87
Chrysene
Concen: 21.110 ng/ul
RT: 21.674 min Scan# 3160
Delta R.T. 0.011 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

Tgt Ion:228 Resp: 735673
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.6 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 30.215 ng/ul

RT: 23.921 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

Instrument :

BNA_P

ClientSampleId :

A43R8

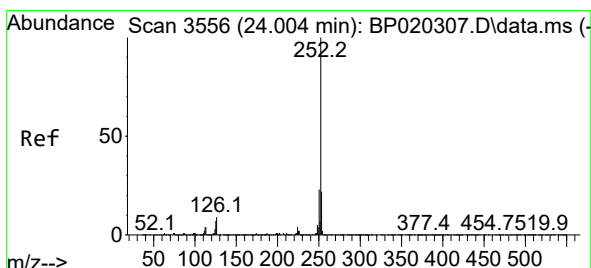
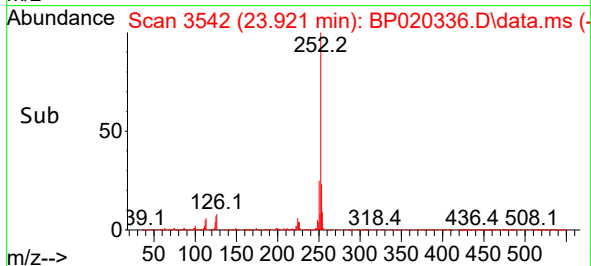
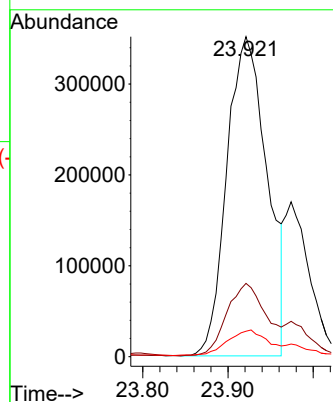
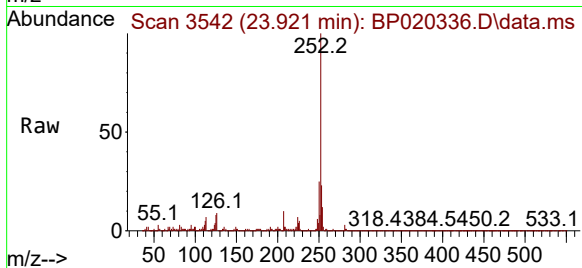
Tgt Ion:252 Resp: 1154751

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 8.0 6.2 9.2



#91

Benzo(k)fluoranthene

Concen: 8.585 ng/ul

RT: 23.974 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BP020336.D

Acq: 12 May 2024 01:55

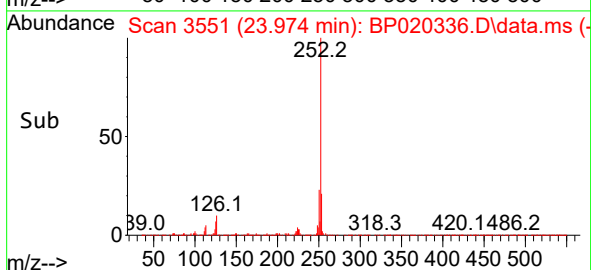
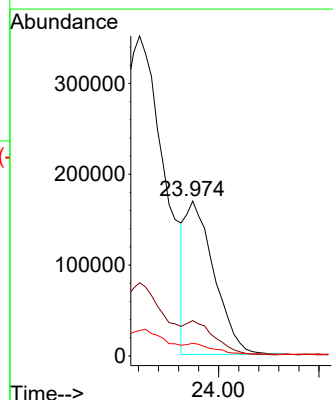
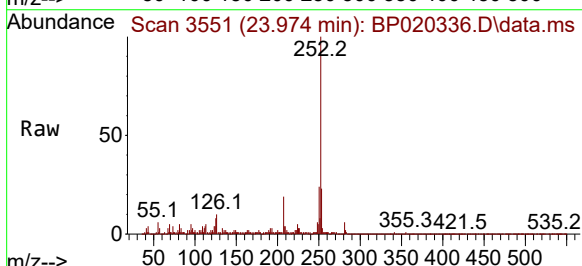
Tgt Ion:252 Resp: 334348

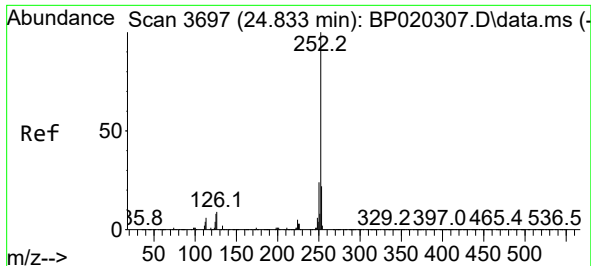
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 8.2 5.6 8.4

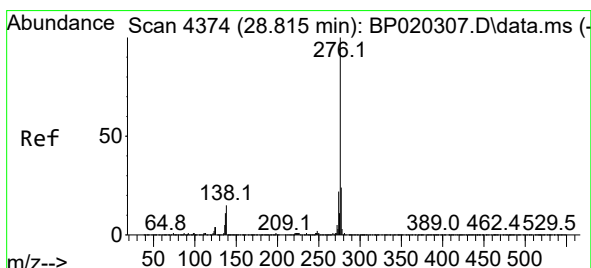
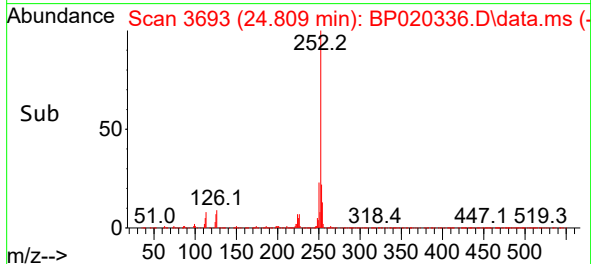
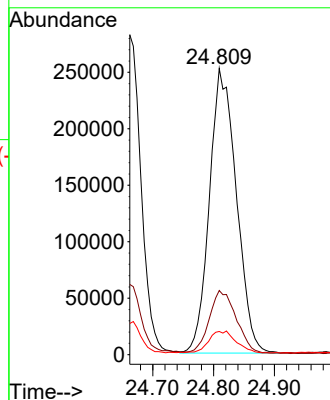
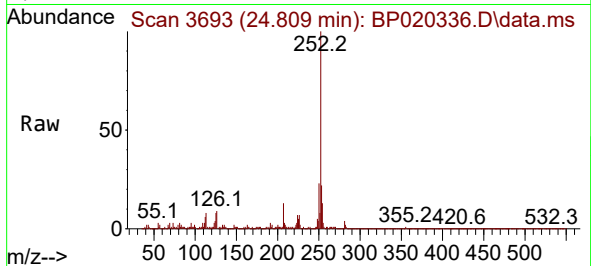




#93
Benzo(a)pyrene
Concen: 21.290 ng/ul
RT: 24.809 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

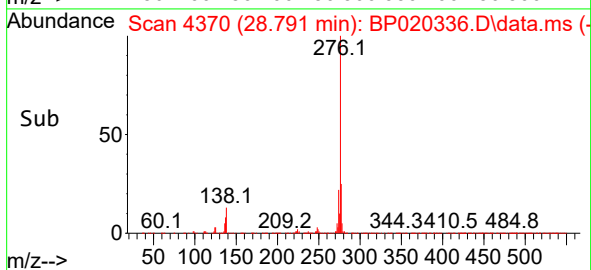
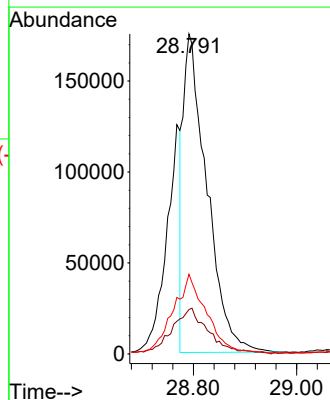
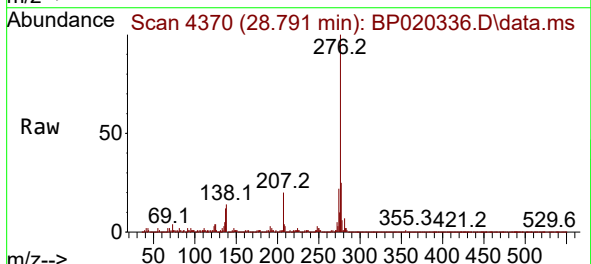
Instrument :
BNA_P
ClientSampleId :
A43R8

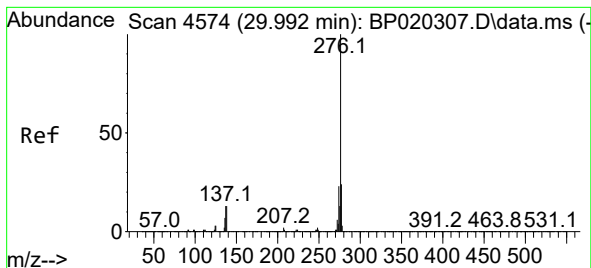
Tgt Ion:252 Resp: 774206
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.1 6.6 10.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 12.402 ng/ul
RT: 28.791 min Scan# 4370
Delta R.T. -0.000 min
Lab File: BP020336.D
Acq: 12 May 2024 01:55

Tgt Ion:276 Resp: 552847
Ion Ratio Lower Upper
276 100
138 13.9 12.3 18.5
277 24.9 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 16.484 ng/ul

RT: 29.962 min Scan# 4569

Delta R.T. -0.018 min

Lab File: BP020336.D

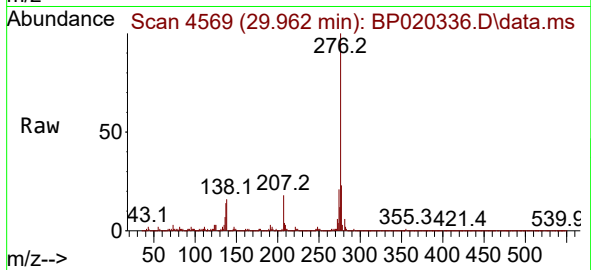
Acq: 12 May 2024 01:55

Instrument :

BNA_P

ClientSampleId :

A43R8



Tgt Ion:276 Resp: 592642

Ion Ratio Lower Upper

276 100

138 16.0 11.6 17.4

277 23.2 19.4 29.0

