

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016365.D
 Acq On : 26 Jul 2023 02:10
 Operator : MA/JU
 Sample : 03534-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4725

Quant Time: Jul 26 03:06:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

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

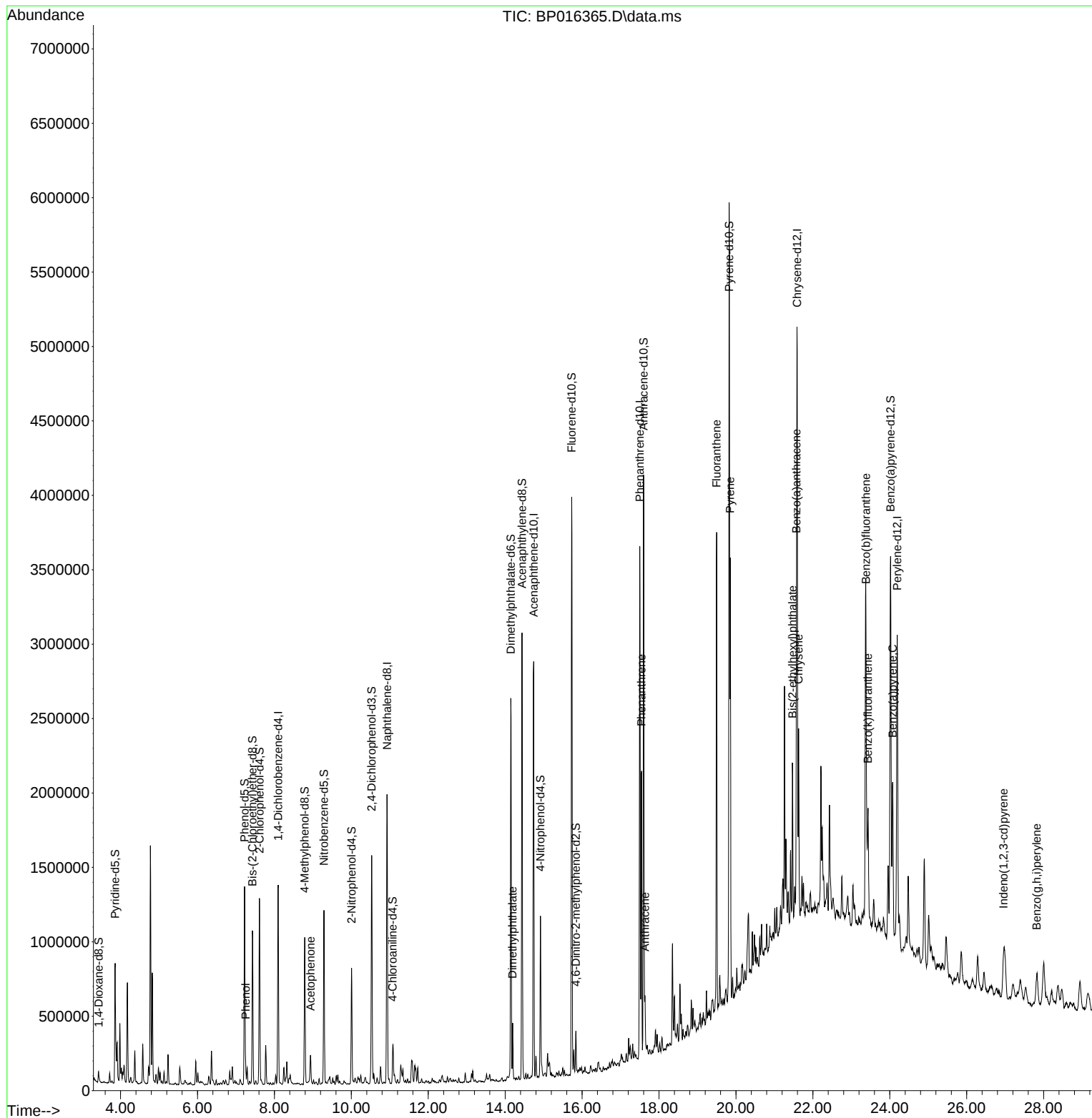
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	367197	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1589784	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	952748	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2016188	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1705475	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1706882	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	37392	4.015	ng/uL	0.00
4) Pyridine-d5	3.858	84	479271	18.139	ng/u1	0.00
7) Phenol-d5	7.222	99	744926	24.243	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	434650	23.560	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	562437	23.462	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	361876	14.644	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	262420	26.806	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	222181	27.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	538013	24.041	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	117735	3.382	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1678367	24.070	ng/u1	-0.01
49) Acenaphthylene-d8	14.440	160	1958407	23.773	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	217291	18.598	ng/u1	0.00
60) Fluorene-d10	15.728	176	1500543	25.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	51294	7.724	ng/u1	0.00
73) Anthracene-d10	17.598	188	2147522	24.046	ng/u1	0.00
81) Pyrene-d10	19.822	212	2576601	26.607	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2047309	24.861	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.252	94	46497	1.455	ng/u1	98
16) Acetophenone	8.940	105	100193	2.569	ng/u1	95
47) Dimethylphthalate	14.193	163	229441	3.263	ng/u1	99
72) Phenanthrene	17.545	178	1106729	10.549	ng/u1	99
74) Anthracene	17.634	178	227883	2.132	ng/u1	99
80) Fluoranthene	19.498	202	1784520	15.373	ng/u1	100
82) Pyrene	19.851	202	1652633	13.780	ng/u1	99
85) Benzo(a)anthracene	21.574	228	737275	6.382	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	306027	4.419	ng/u1	99
87) Chrysene	21.627	228	754454	7.053	ng/u1	97
90) Benzo(b)fluoranthene	23.380	252	859169	8.405	ng/u1#	94
91) Benzo(k)fluoranthene	23.433	252	325066	3.196	ng/u1#	91
93) Benzo(a)pyrene	24.074	252	564748	5.866	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.957	276	348693	3.137	ng/u1	97
96) Benzo(g,h,i)perylene	27.821	276	312868	3.555	ng/u1	95

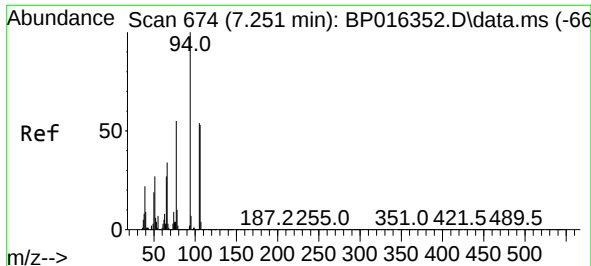
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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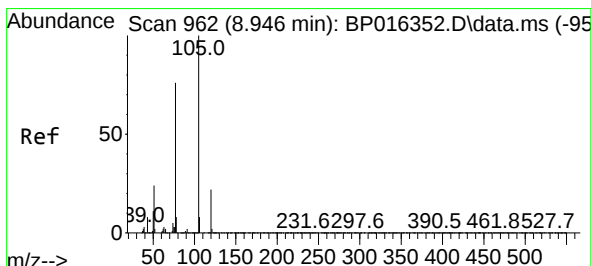
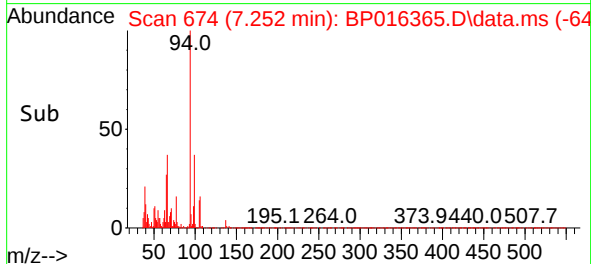
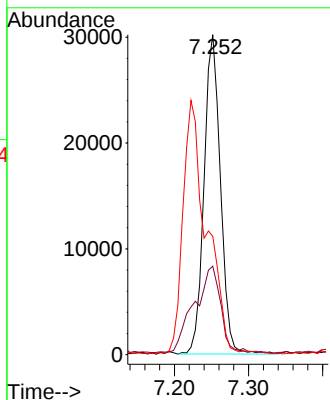
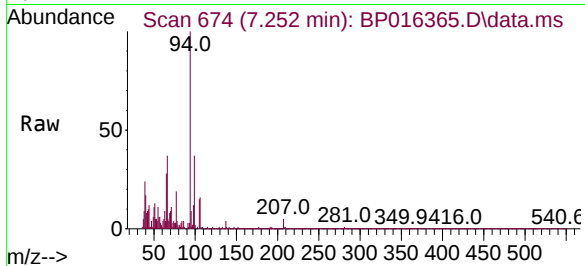




#8
Phenol
Concen: 1.455 ng/ul
RT: 7.252 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016365.D
Acq: 26 Jul 2023 02:10

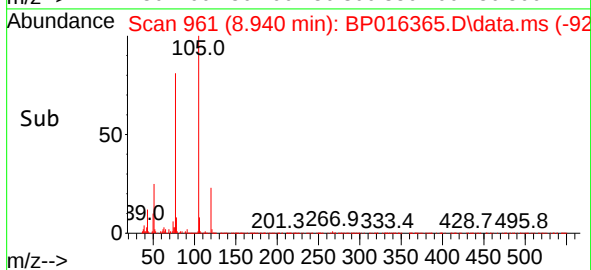
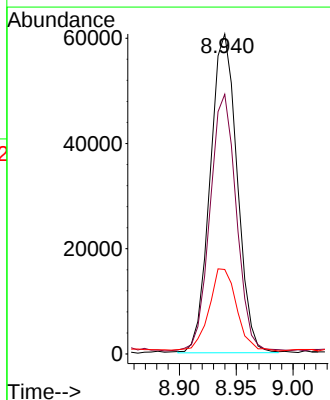
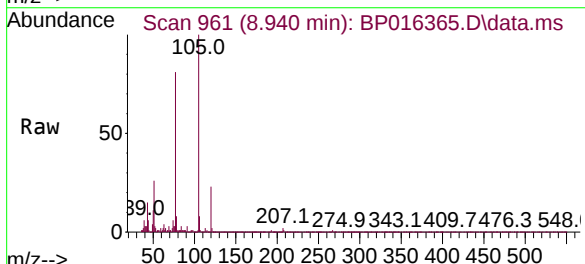
Instrument :
BNA_P
ClientSampleId :
A4725

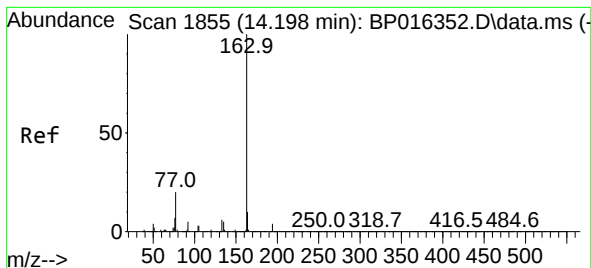
Tgt Ion: 94 Resp: 46497
Ion Ratio Lower Upper
94 100
65 27.7 21.4 32.2
66 37.0 28.2 42.4



#16
Acetophenone
Concen: 2.569 ng/ul
RT: 8.940 min Scan# 961
Delta R.T. -0.009 min
Lab File: BP016365.D
Acq: 26 Jul 2023 02:10

Tgt Ion: 105 Resp: 100193
Ion Ratio Lower Upper
105 100
77 81.2 61.2 91.8
51 26.4 19.1 28.7





#47

Dimethylphthalate

Concen: 3.263 ng/ul

RT: 14.193 min Scan# 1855

Delta R.T. -0.015 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

Instrument :

BNA_P

ClientSampleId :

A4725

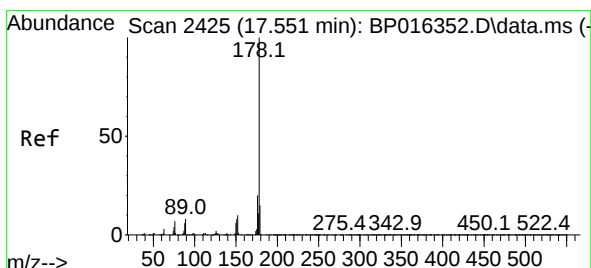
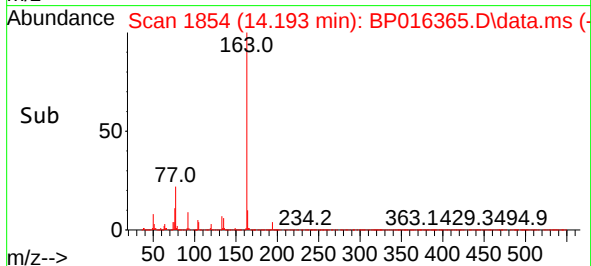
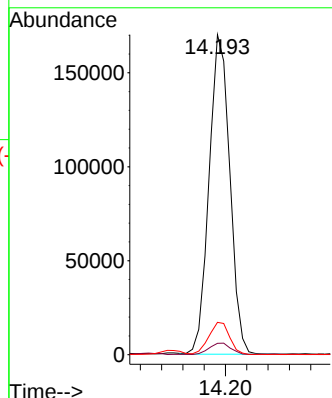
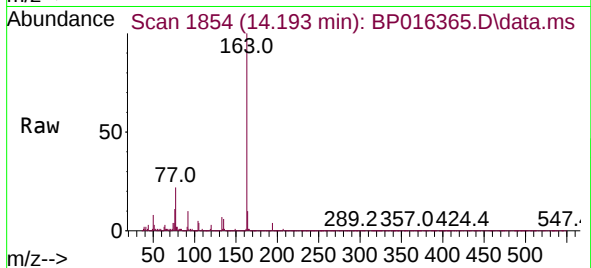
Tgt Ion:163 Resp: 229441

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

164 10.1 7.9 11.9



#72

Phenanthrene

Concen: 10.549 ng/ul

RT: 17.545 min Scan# 2424

Delta R.T. -0.009 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

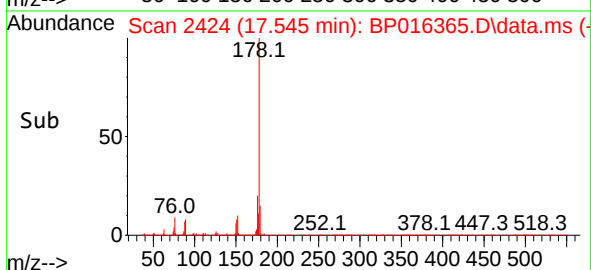
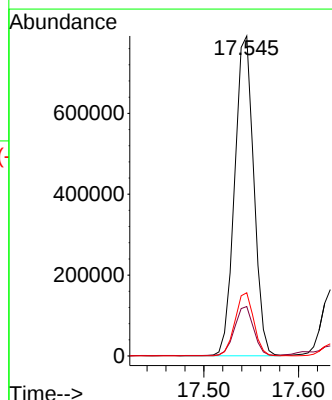
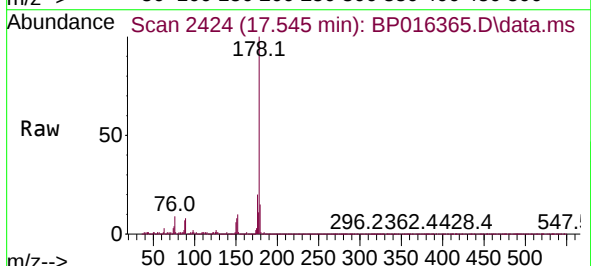
Tgt Ion:178 Resp: 1106729

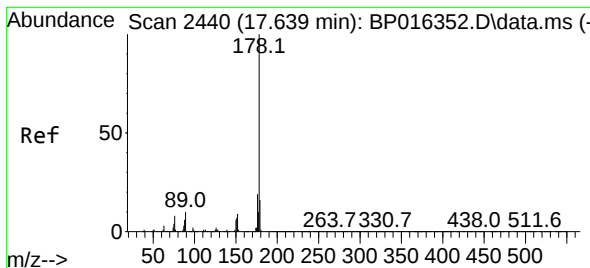
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.8 15.4 23.0





#74

Anthracene

Concen: 2.132 ng/ul

RT: 17.634 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

Instrument :

BNA_P

ClientSampleId :

A4725

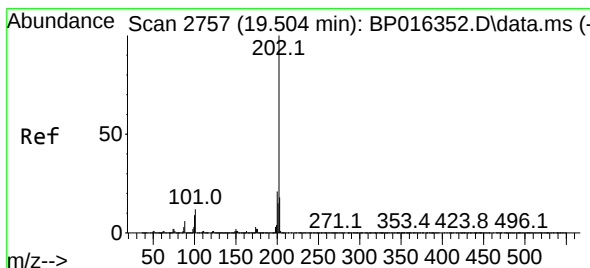
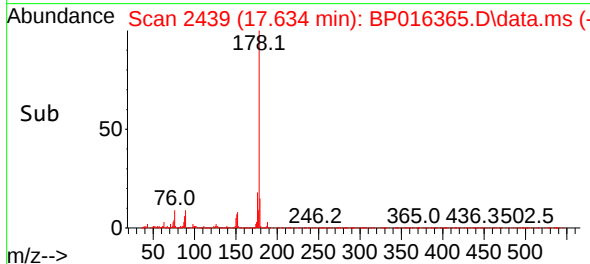
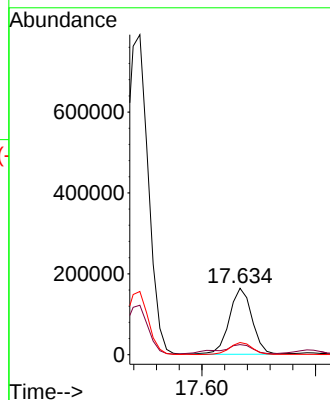
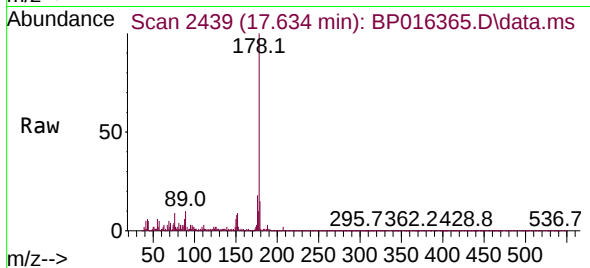
Tgt Ion:178 Resp: 227883

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.2 15.1 22.7



#80

Fluoranthene

Concen: 15.373 ng/ul

RT: 19.498 min Scan# 2756

Delta R.T. -0.009 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

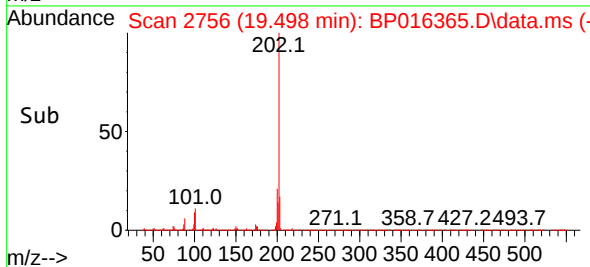
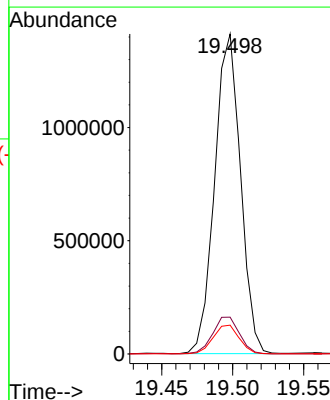
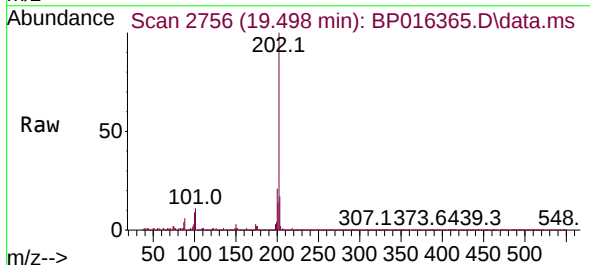
Tgt Ion:202 Resp: 1784520

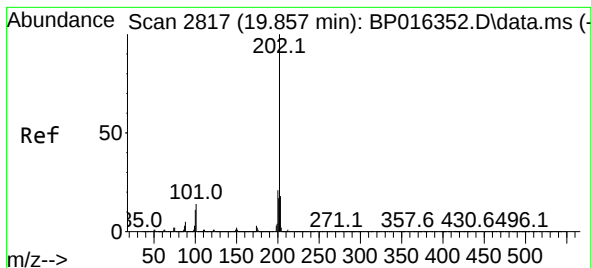
Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

100 9.0 7.1 10.7





#82

Pyrene

Concen: 13.780 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. -0.009 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

Instrument :

BNA_P

ClientSampleId :

A4725

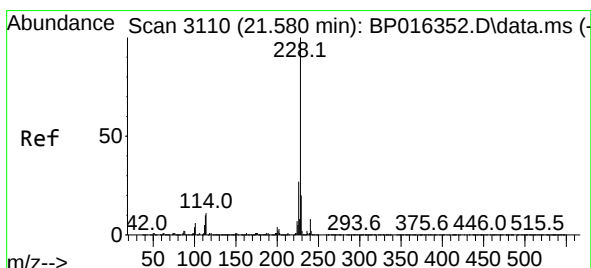
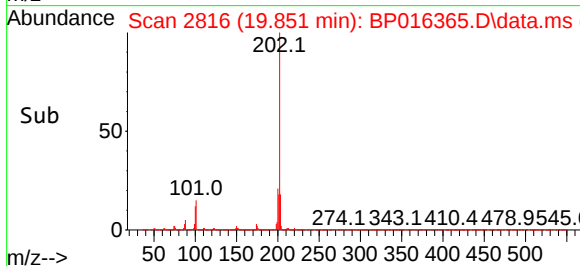
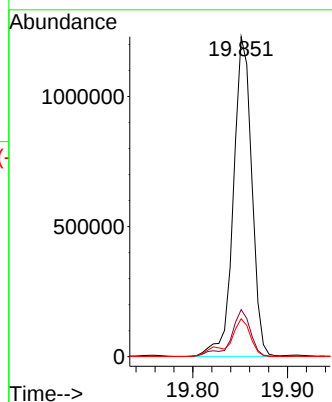
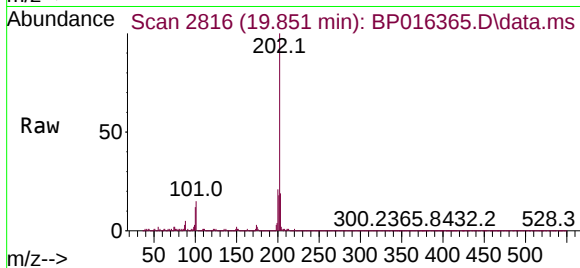
Tgt Ion:202 Resp: 1652633

Ion Ratio Lower Upper

202 100

101 14.7 11.2 16.8

100 11.9 9.4 14.0



#85

Benzo(a)anthracene

Concen: 6.382 ng/ul

RT: 21.574 min Scan# 3109

Delta R.T. -0.009 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

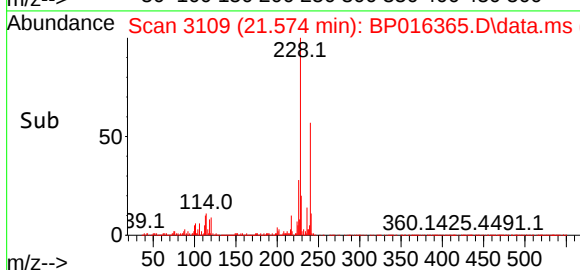
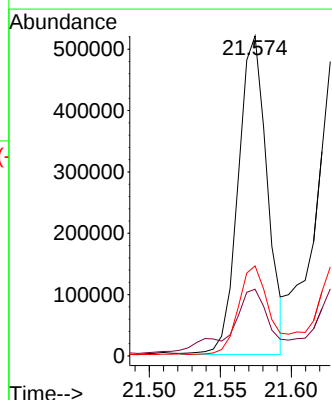
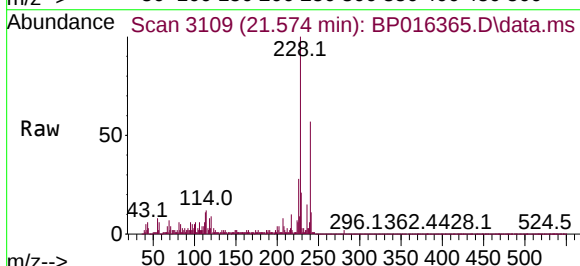
Tgt Ion:228 Resp: 737275

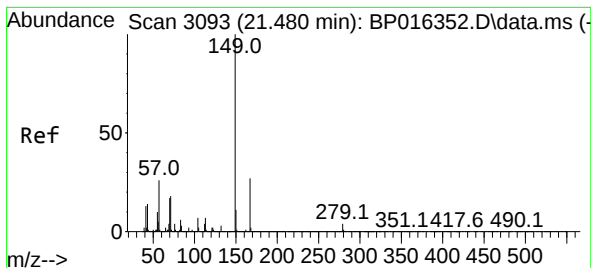
Ion Ratio Lower Upper

228 100

229 20.9 15.9 23.9

226 28.1 22.0 33.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 4.419 ng/ul

RT: 21.469 min Scan# 3093

Delta R.T. -0.015 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

Instrument :

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A4725

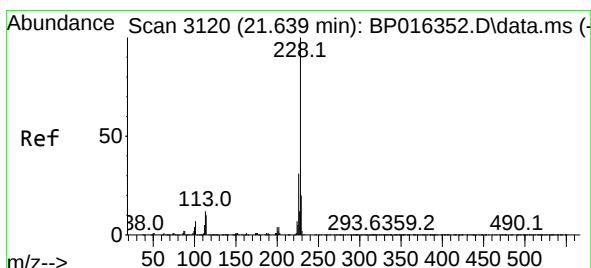
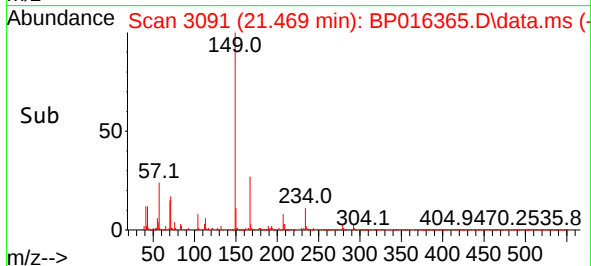
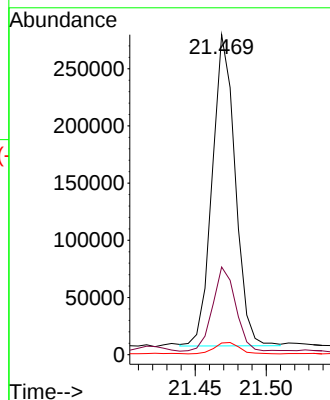
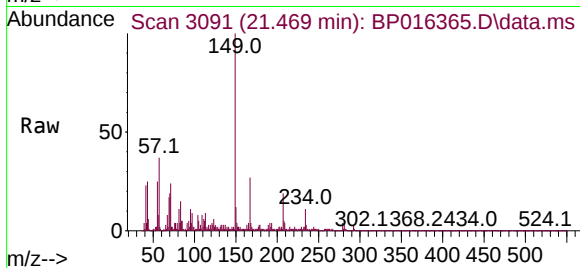
Tgt Ion:149 Resp: 306027

Ion Ratio Lower Upper

149 100

167 27.4 21.7 32.5

279 3.7 3.0 4.4



#87

Chrysene

Concen: 7.053 ng/ul

RT: 21.627 min Scan# 3118

Delta R.T. -0.015 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

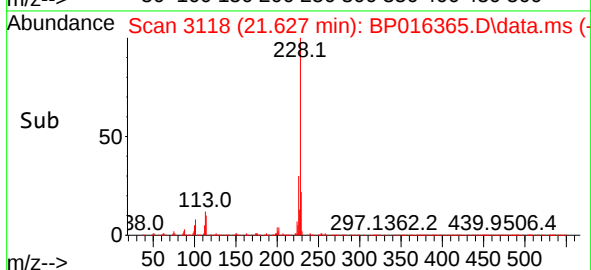
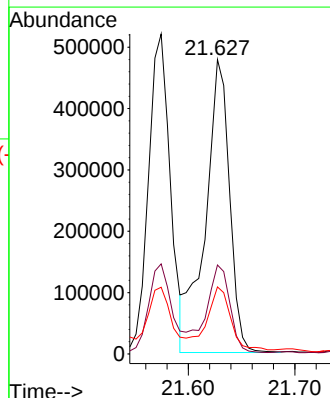
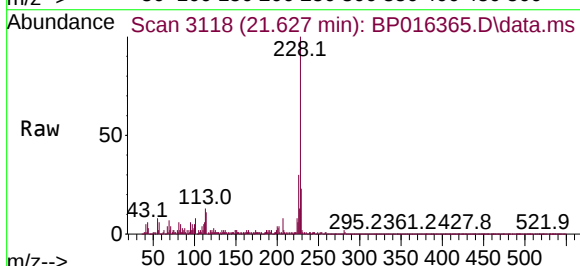
Tgt Ion:228 Resp: 754454

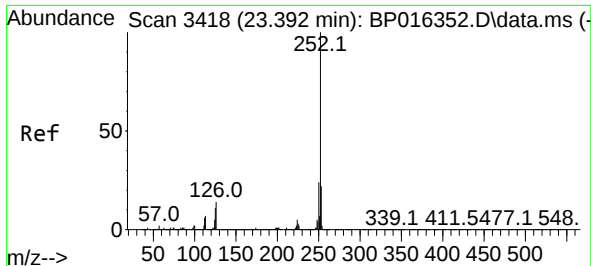
Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 22.8 15.6 23.4

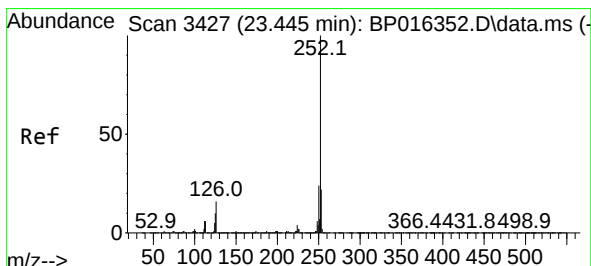
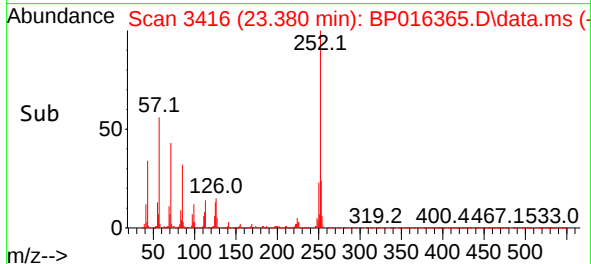
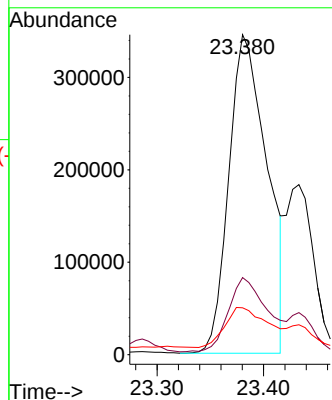
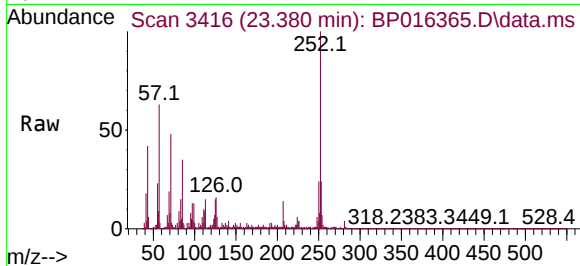




#90
Benzo(b)fluoranthene
Concen: 8.405 ng/ul
RT: 23.380 min Scan# 3418
Delta R.T. -0.015 min
Lab File: BP016365.D
Acq: 26 Jul 2023 02:10

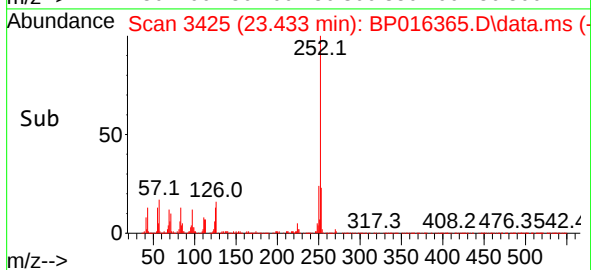
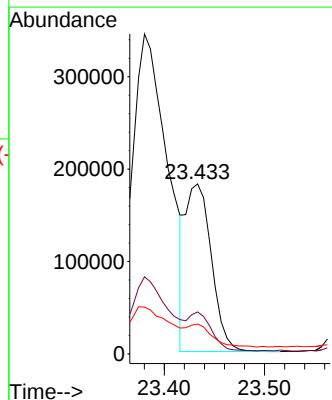
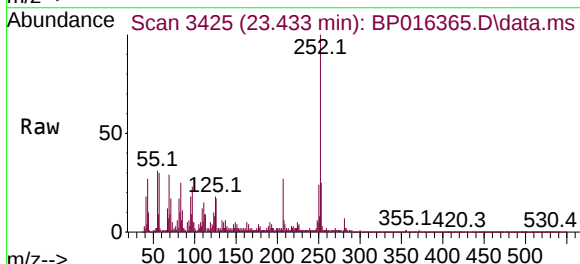
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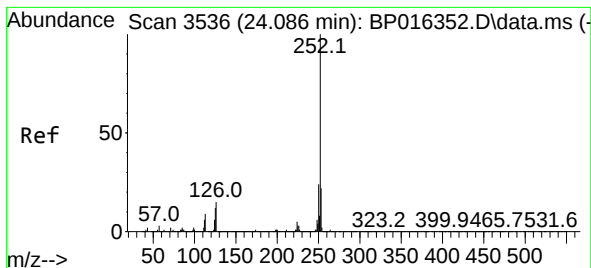
Tgt Ion:252 Resp: 859169
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 14.7 8.8 13.2#



#91
Benzo(k)fluoranthene
Concen: 3.196 ng/ul
RT: 23.433 min Scan# 3425
Delta R.T. -0.015 min
Lab File: BP016365.D
Acq: 26 Jul 2023 02:10

Tgt Ion:252 Resp: 325066
Ion Ratio Lower Upper
252 100
253 24.8 17.7 26.5
125 17.6 9.0 13.6#





#93

Benzo(a)pyrene

Concen: 5.866 ng/ul

RT: 24.074 min Scan# 3536

Delta R.T. -0.015 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

Instrument :

BNA_P

ClientSampleId :

A4725

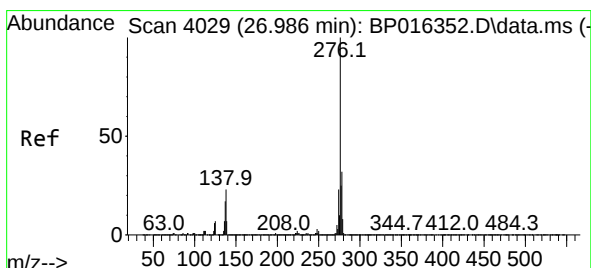
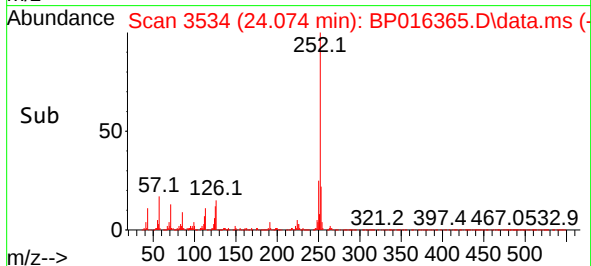
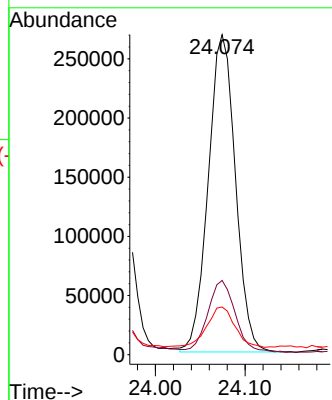
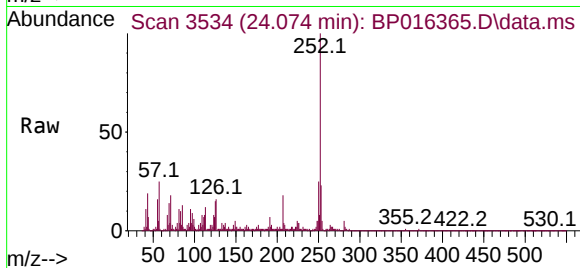
Tgt Ion:252 Resp: 564748

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 14.9 9.4 14.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.137 ng/ul

RT: 26.957 min Scan# 4024

Delta R.T. -0.032 min

Lab File: BP016365.D

Acq: 26 Jul 2023 02:10

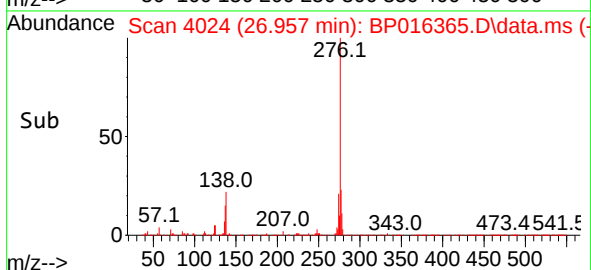
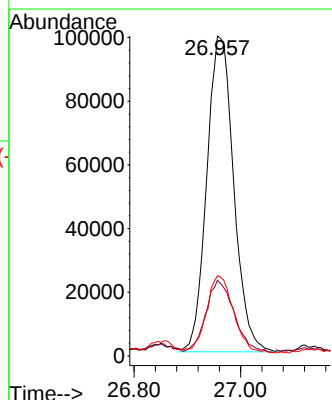
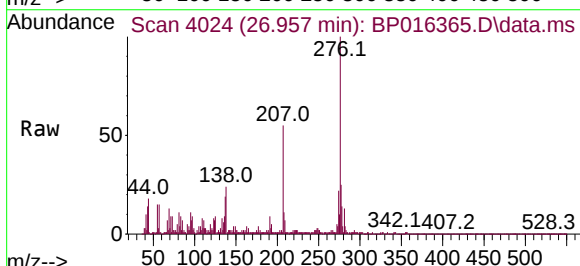
Tgt Ion:276 Resp: 348693

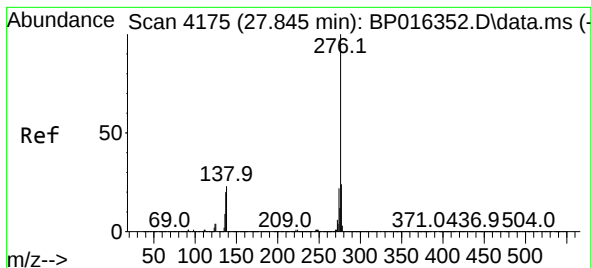
Ion Ratio Lower Upper

276 100

138 23.7 18.1 27.1

277 25.1 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 3.555 ng/ul

RT: 27.821 min Scan# 41

Delta R.T. -0.038 min

Lab File: BP016365.D

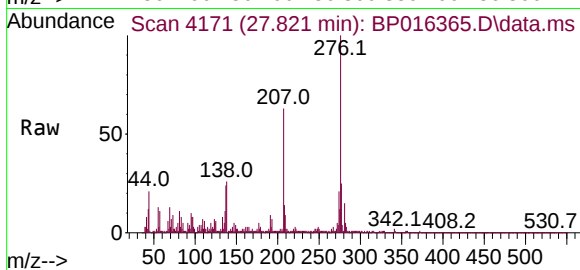
Acq: 26 Jul 2023 02:10

Instrument :

BNA_P

ClientSampleId :

A4725



Tgt Ion:276 Resp: 312868

Ion Ratio Lower Upper

276 100

138 26.1 17.8 26.6

277 24.6 19.0 28.4

