

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016366.D
 Acq On : 26 Jul 2023 02:43
 Operator : MA/JU
 Sample : 03534-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4726

Quant Time: Jul 26 03:44:25 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

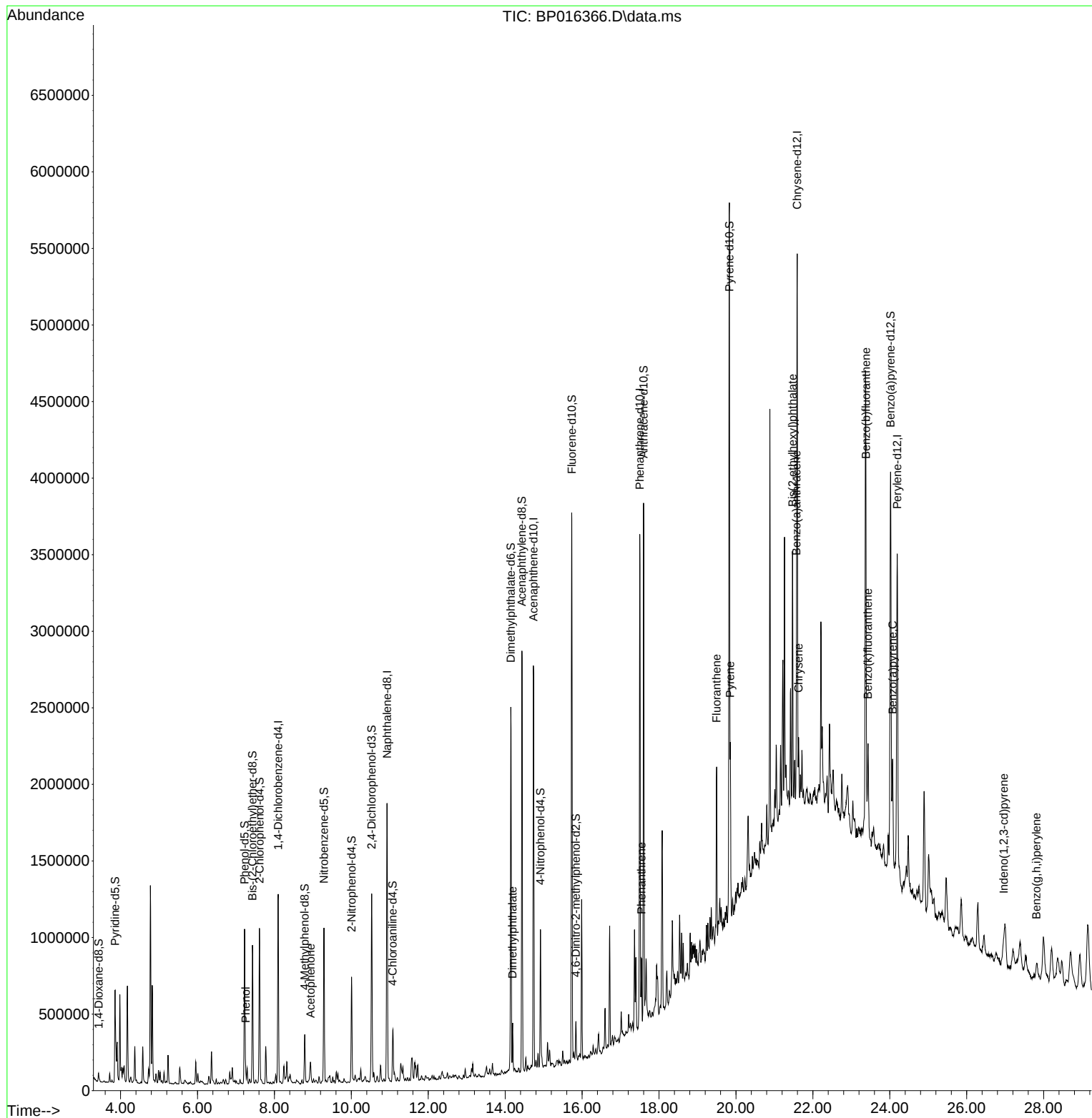
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	330755	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1453774	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	887581	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1880899	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1638204	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1750080	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	30907	3.684	ng/uL	0.00
4) Pyridine-d5	3.858	84	361250	15.178	ng/u1	0.00
7) Phenol-d5	7.222	99	570220	20.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	376518	22.658	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	461648	21.379	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	116247	5.222	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	231390	25.848	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	197508	26.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	426846	20.858	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	161372	5.069	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1536569	23.654	ng/u1	-0.01
49) Acenaphthylene-d8	14.434	160	1755929	22.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	184368	16.939	ng/u1	0.00
60) Fluorene-d10	15.734	176	1386063	25.081	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	47045	7.594	ng/u1	0.00
73) Anthracene-d10	17.598	188	1886113	22.638	ng/u1	0.00
81) Pyrene-d10	19.827	212	2453762	26.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2054119	24.328	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.252	94	34015	1.182	ng/u1	96
16) Acetophenone	8.940	105	66079	1.881	ng/u1	98
47) Dimethylphthalate	14.192	163	192337	2.936	ng/u1	97
72) Phenanthrene	17.545	178	250480	2.559	ng/u1	97
80) Fluoranthene	19.498	202	622939	5.587	ng/u1	100
82) Pyrene	19.851	202	578584	5.023	ng/u1	99
85) Benzo(a)anthracene	21.574	228	277219	2.498	ng/u1#	95
86) Bis(2-ethylhexyl)phtha...	21.469	149	534792	8.039	ng/u1	99
87) Chrysene	21.627	228	275393	2.680	ng/u1#	96
90) Benzo(b)fluoranthene	23.380	252	350866	3.348	ng/u1#	80
91) Benzo(k)fluoranthene	23.433	252	125867	1.207	ng/u1#	72
93) Benzo(a)pyrene	24.074	252	214176	2.170	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	26.962	276	144683	1.269	ng/u1#	95
96) Benzo(g,h,i)perylene	27.815	276	130876	1.450	ng/u1#	94

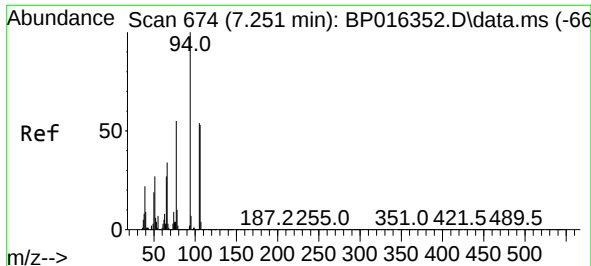
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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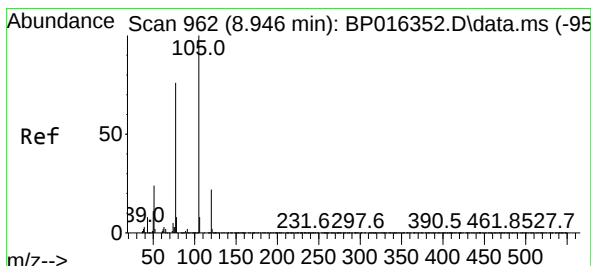
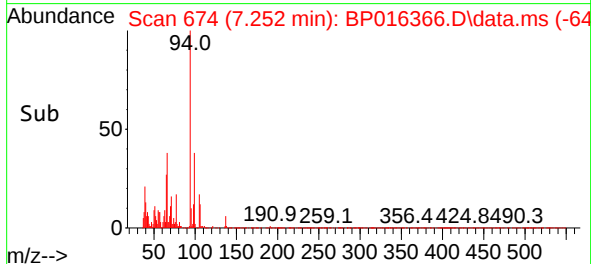
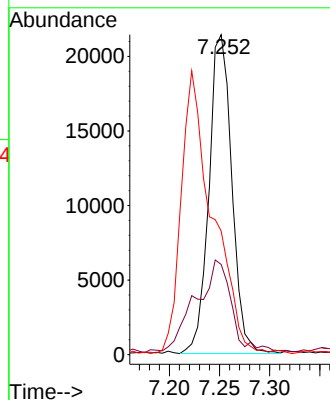
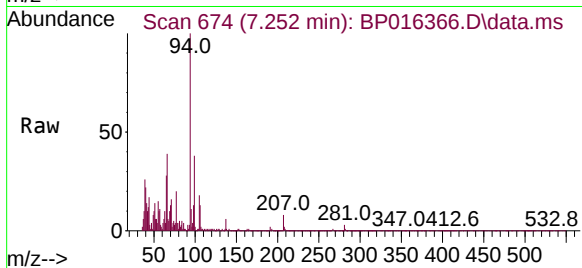




#8
Phenol
Concen: 1.182 ng/ul
RT: 7.252 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016366.D
Acq: 26 Jul 2023 02:43

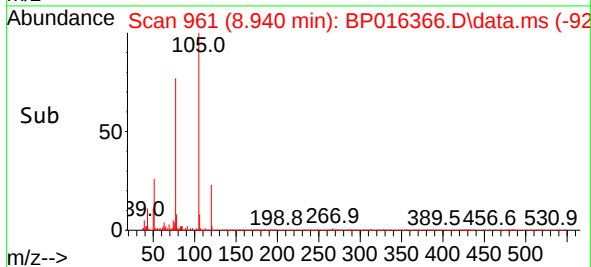
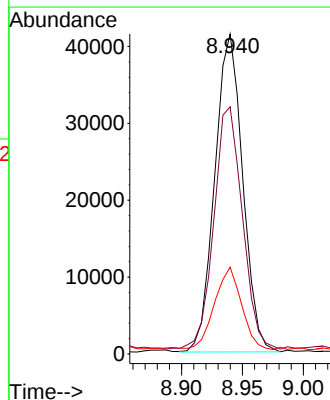
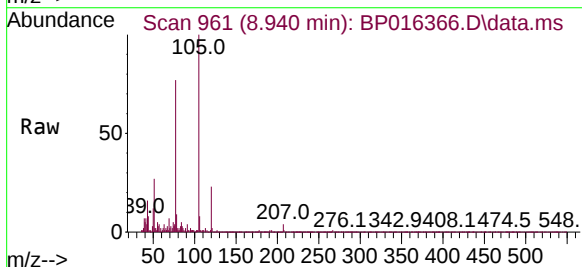
Instrument :
BNA_P
ClientSampleId :
A4726

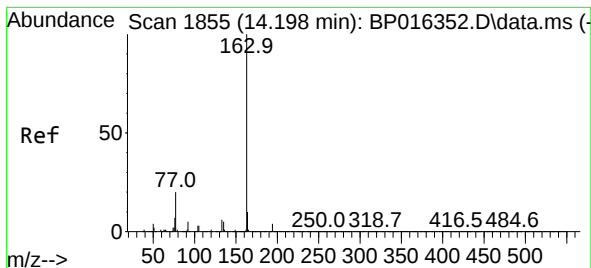
Tgt Ion: 94 Resp: 34015
Ion Ratio Lower Upper
94 100
65 28.2 21.4 32.2
66 38.6 28.2 42.4



#16
Acetophenone
Concen: 1.881 ng/ul
RT: 8.940 min Scan# 961
Delta R.T. -0.009 min
Lab File: BP016366.D
Acq: 26 Jul 2023 02:43

Tgt Ion: 105 Resp: 66079
Ion Ratio Lower Upper
105 100
77 77.3 61.2 91.8
51 27.1 19.1 28.7





#47

Dimethylphthalate

Concen: 2.936 ng/ul

RT: 14.192 min Scan# 1854

Delta R.T. -0.015 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

Instrument :

BNA_P

ClientSampleId :

A4726

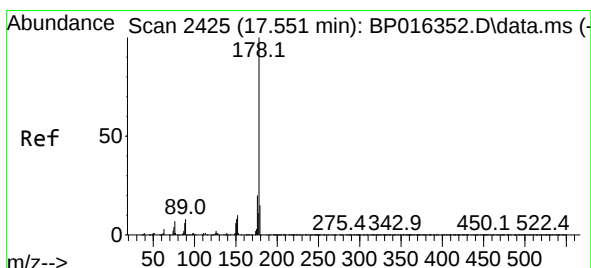
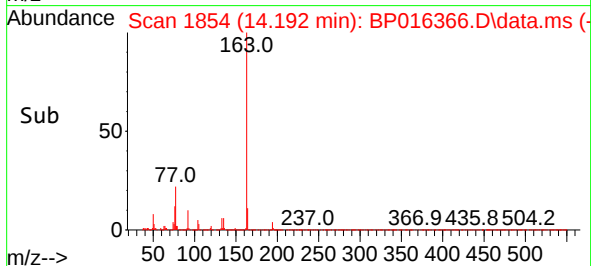
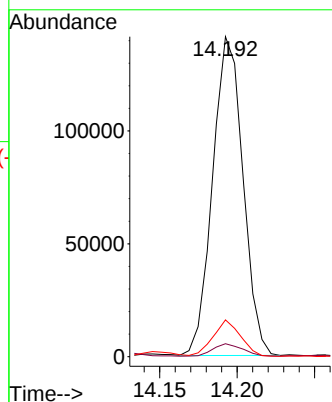
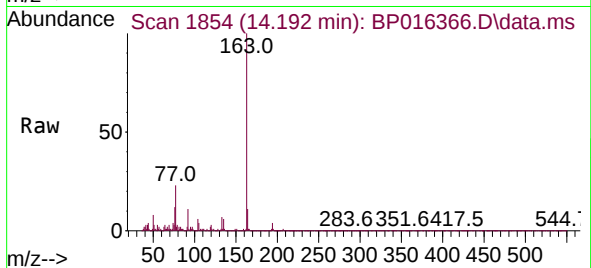
Tgt Ion:163 Resp: 192337

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 11.5 7.9 11.9



#72

Phenanthrene

Concen: 2.559 ng/ul

RT: 17.545 min Scan# 2424

Delta R.T. -0.009 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

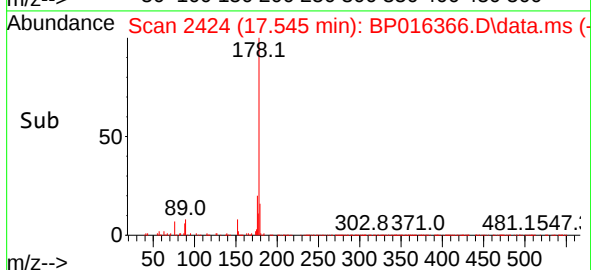
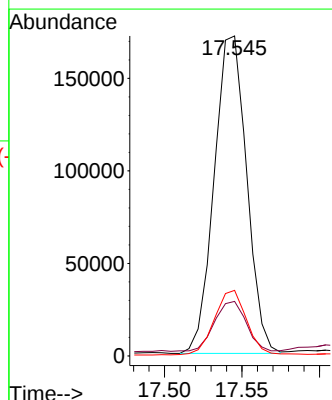
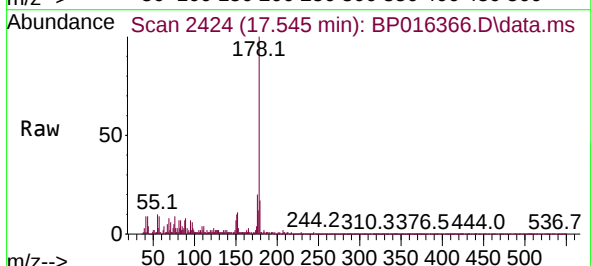
Tgt Ion:178 Resp: 250480

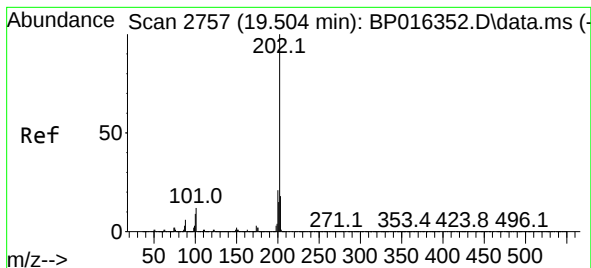
Ion Ratio Lower Upper

178 100

179 17.1 12.3 18.5

176 20.5 15.4 23.0





#80

Fluoranthene

Concen: 5.587 ng/u1

RT: 19.498 min Scan# 21

Delta R.T. -0.009 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

Instrument :

BNA_P

ClientSampleId :

A4726

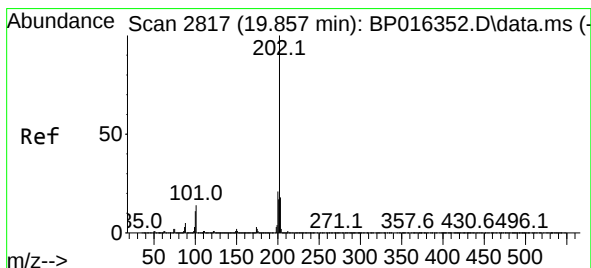
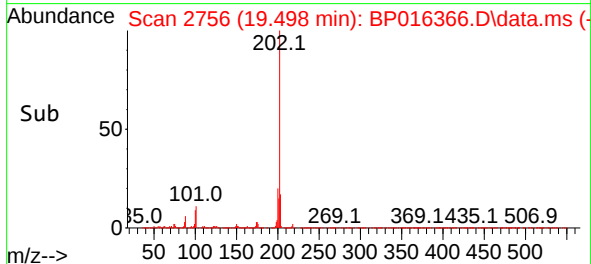
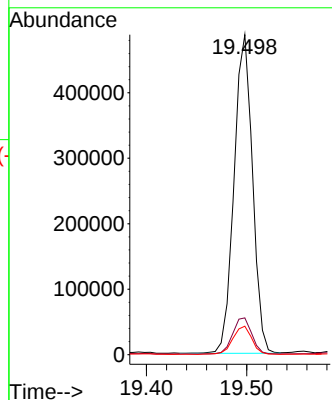
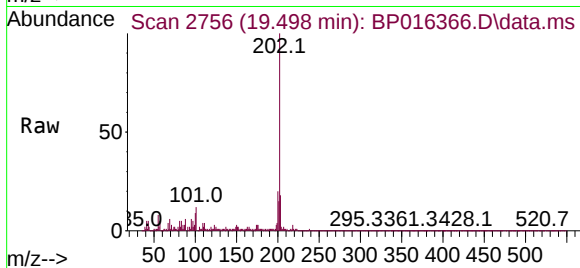
Tgt Ion:202 Resp: 622939

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

100 8.9 7.1 10.7



#82

Pyrene

Concen: 5.023 ng/u1

RT: 19.851 min Scan# 2816

Delta R.T. -0.009 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

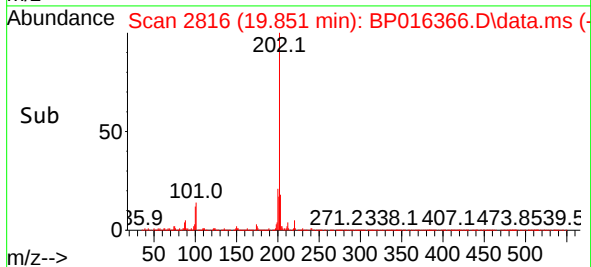
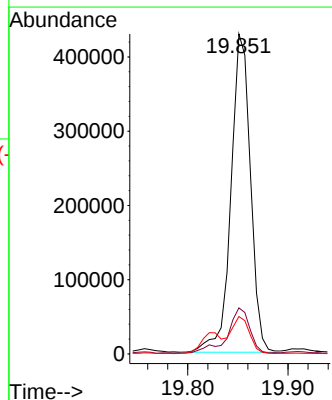
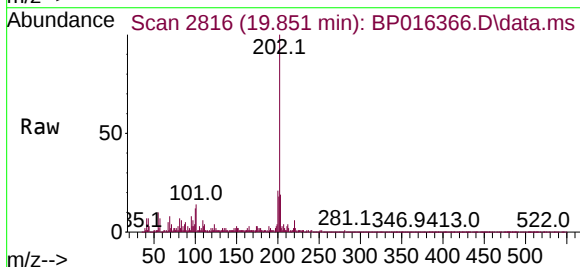
Tgt Ion:202 Resp: 578584

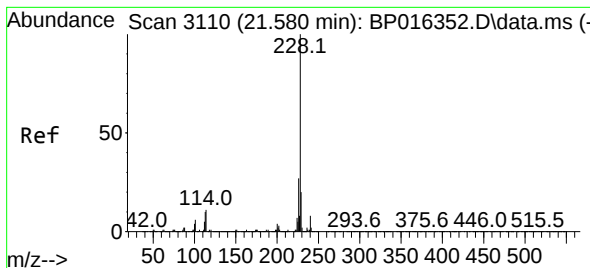
Ion Ratio Lower Upper

202 100

101 14.4 11.2 16.8

100 11.7 9.4 14.0





#85

Benzo(a)anthracene

Concen: 2.498 ng/ul

RT: 21.574 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

Instrument :

BNA_P

ClientSampleId :

A4726

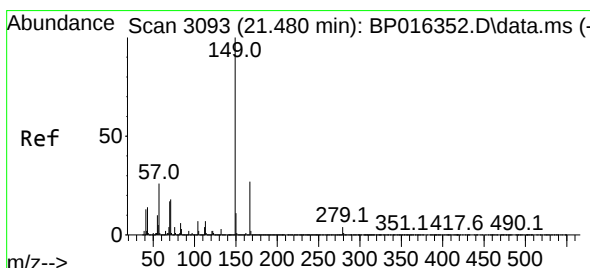
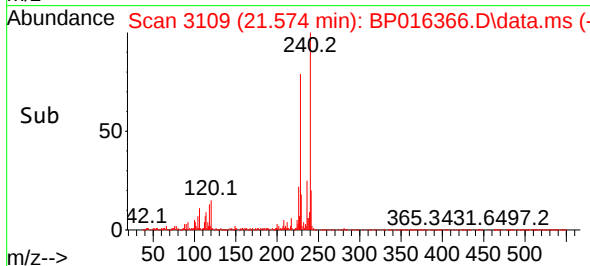
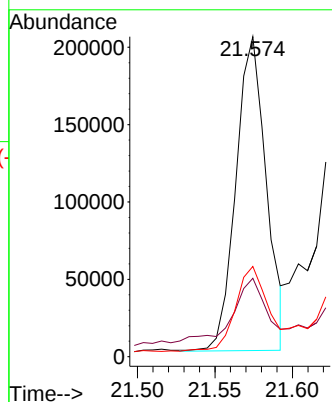
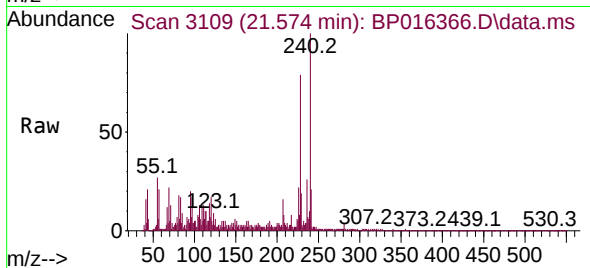
Tgt Ion:228 Resp: 277219

Ion Ratio Lower Upper

228 100

229 24.5 15.9 23.9#

226 28.2 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.039 ng/ul

RT: 21.469 min Scan# 3091

Delta R.T. -0.015 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

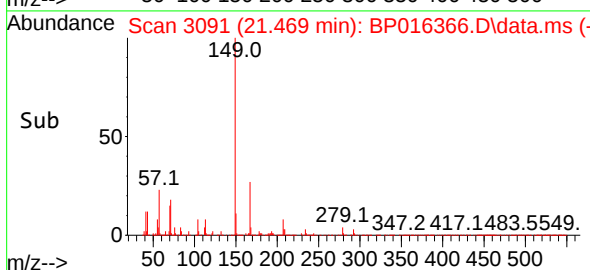
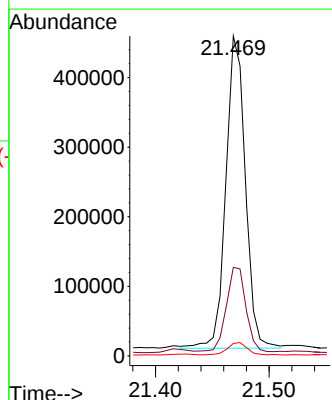
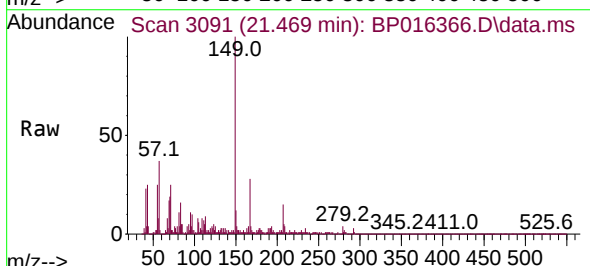
Tgt Ion:149 Resp: 534792

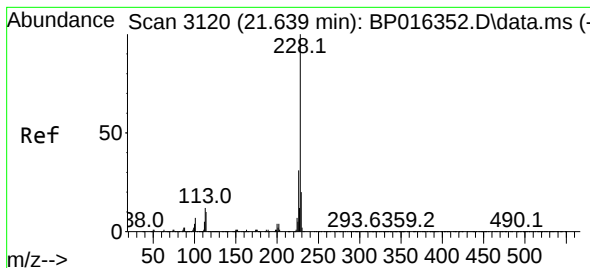
Ion Ratio Lower Upper

149 100

167 27.7 21.7 32.5

279 3.9 3.0 4.4





#87

Chrysene

Concen: 2.680 ng/ul

RT: 21.627 min Scan# 3118

Delta R.T. -0.015 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

Instrument :

BNA_P

ClientSampleId :

A4726

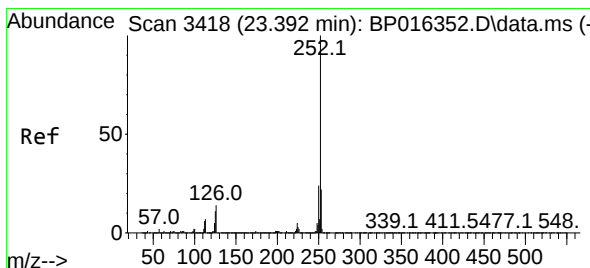
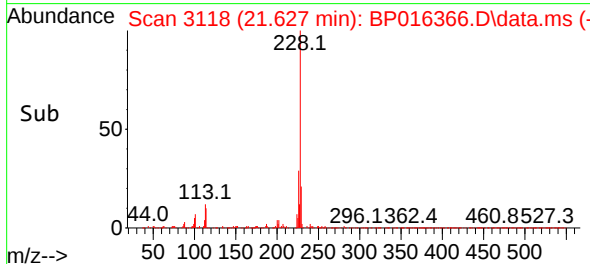
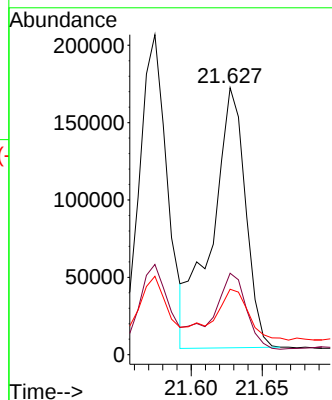
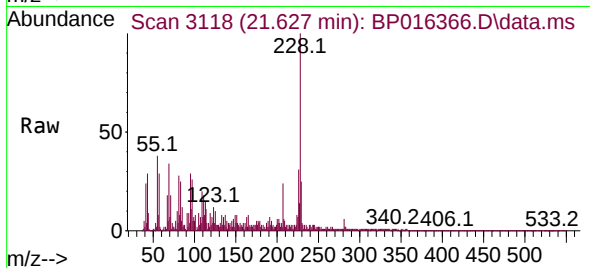
Tgt Ion:228 Resp: 275393

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 24.6 15.6 23.4#



#90

Benzo(b)fluoranthene

Concen: 3.348 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. -0.015 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

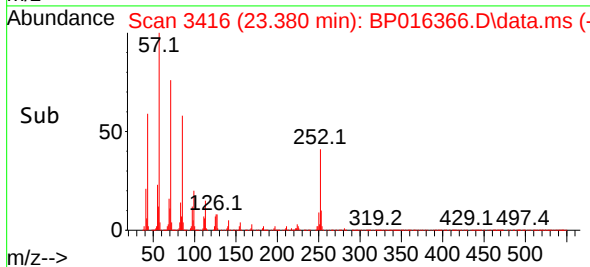
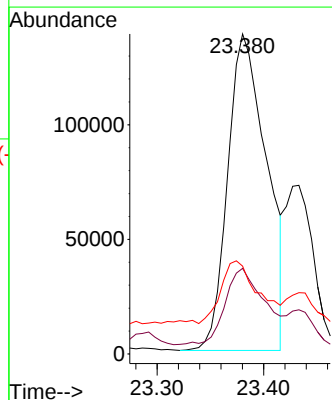
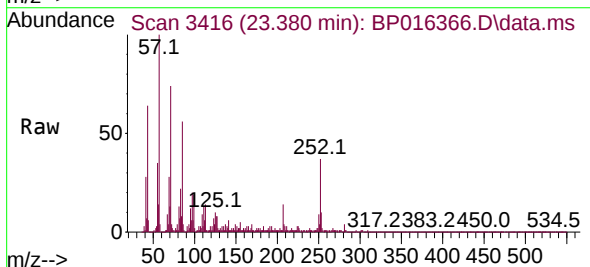
Tgt Ion:252 Resp: 350866

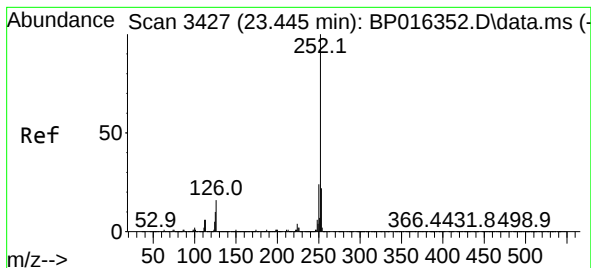
Ion Ratio Lower Upper

252 100

253 26.8 17.9 26.9

125 27.5 8.8 13.2#





#91

Benzo(k)fluoranthene

Concen: 1.207 ng/ul

RT: 23.433 min Scan# 3427

Delta R.T. -0.015 min

Lab File: BP016366.D

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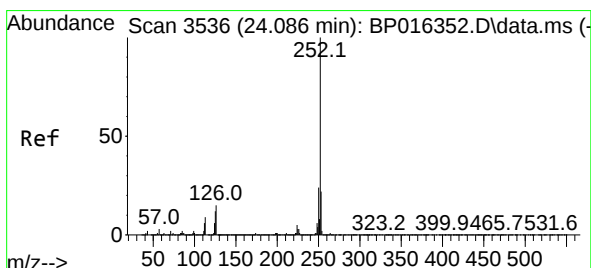
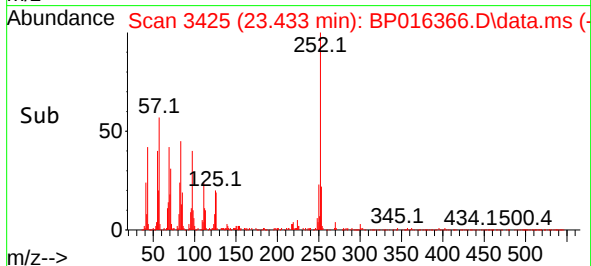
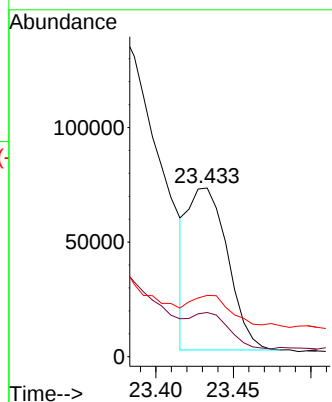
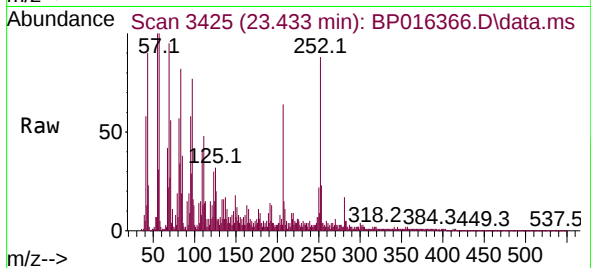
Tgt Ion:252 Resp: 125867

Ion Ratio Lower Upper

252 100

253 26.2 17.7 26.5

125 36.3 9.0 13.6#



#93

Benzo(a)pyrene

Concen: 2.170 ng/ul

RT: 24.074 min Scan# 3534

Delta R.T. -0.015 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

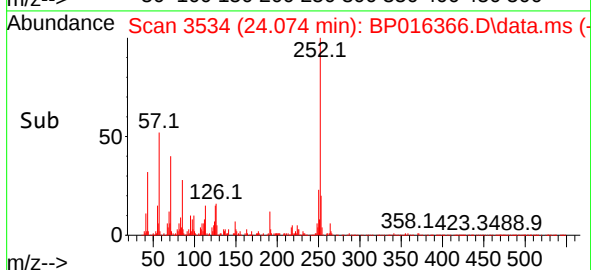
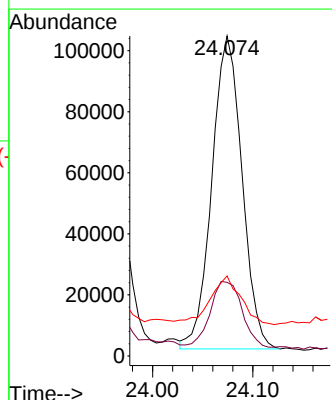
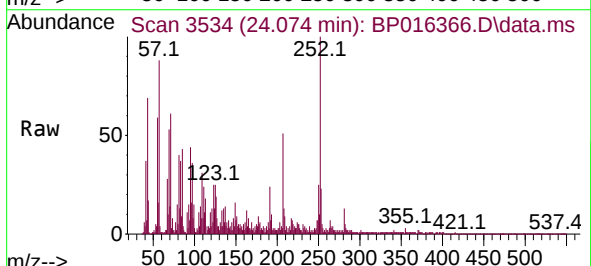
Tgt Ion:252 Resp: 214176

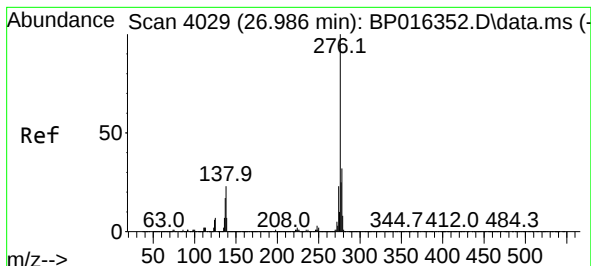
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 25.0 9.4 14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.269 ng/ul

RT: 26.962 min Scan# 4029

Delta R.T. -0.027 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

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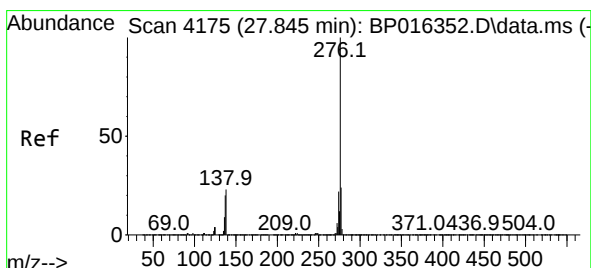
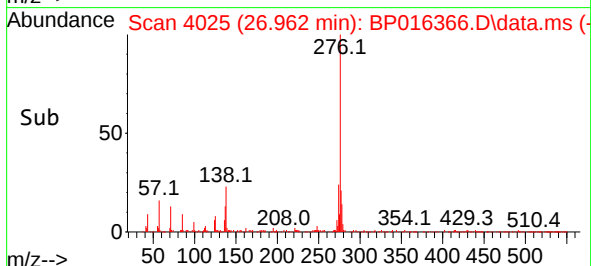
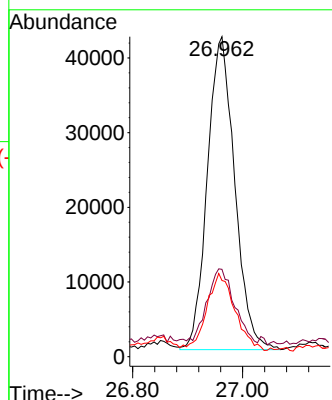
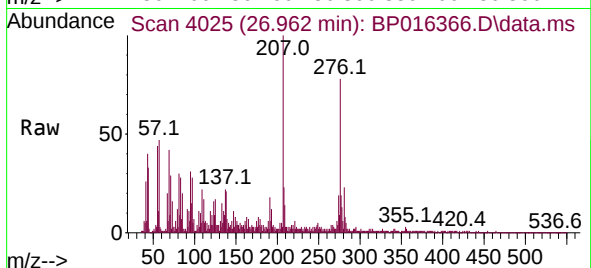
Tgt Ion:276 Resp: 144683

Ion Ratio Lower Upper

276 100

138 27.3 18.1 27.1#

277 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 1.450 ng/ul

RT: 27.815 min Scan# 4170

Delta R.T. -0.044 min

Lab File: BP016366.D

Acq: 26 Jul 2023 02:43

Tgt Ion:276 Resp: 130876

Ion Ratio Lower Upper

276 100

138 27.4 17.8 26.6#

277 23.5 19.0 28.4

