

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015626.D
 Acq On : 20 Jun 2023 17:37
 Operator : MA/JU
 Sample : 03080-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH7

Quant Time: Jun 20 22:27:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

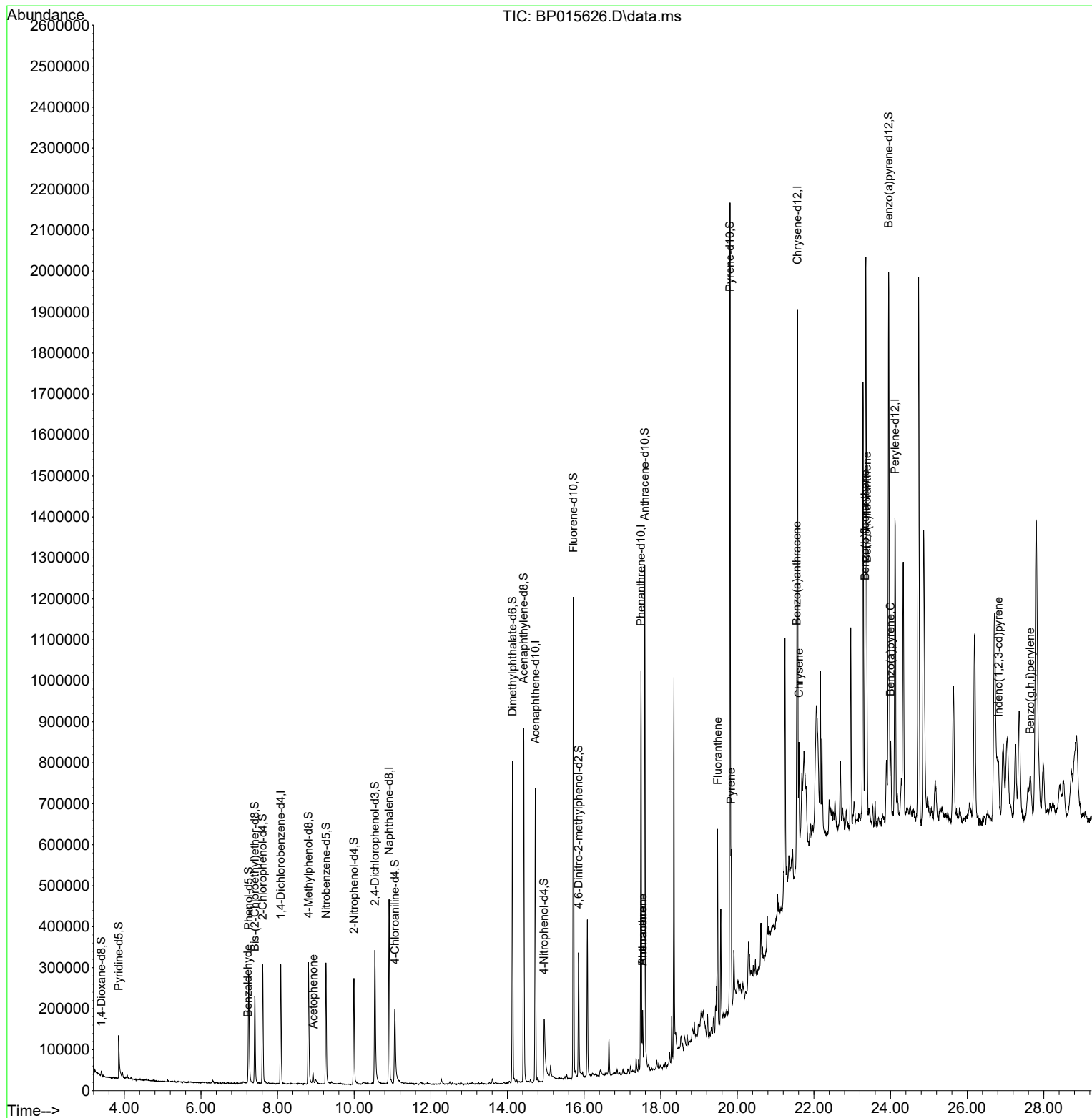
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	76963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	346605	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	231284	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	562612	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	573691	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	617870	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6836	3.289	ng/uL	0.00
4) Pyridine-d5	3.852	84	58972	10.924	ng/ul	0.00
7) Phenol-d5	7.246	99	155218	21.892	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	97706	23.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	123268	23.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	116079	19.948	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	68178	25.054	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	77833	25.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	130681	23.053	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	123000	15.116	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	485375	26.613	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	548861	27.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	58729	17.982	ng/ul	0.02
60) Fluorene-d10	15.722	176	430771	28.009	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	65451	18.364	ng/ul	0.00
73) Anthracene-d10	17.586	188	674211	26.338	ng/ul	0.00
81) Pyrene-d10	19.810	212	949030	30.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	895106	28.872	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.228	77	2716	1.002	ng/ul#	88
16) Acetophenone	8.928	105	13504	1.454	ng/ul	92
72) Phenanthrene	17.528	178	78677	2.606	ng/ul	99
74) Anthracene	17.528	178	79217	2.586	ng/ul	98
80) Fluoranthene	19.486	202	247889	6.628	ng/ul	99
82) Pyrene	19.839	202	218277	5.641	ng/ul	99
85) Benzo(a)anthracene	21.551	228	138010	3.441	ng/ul	99
87) Chrysene	21.610	228	152697	4.028	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	258863	6.490	ng/ul#	93
91) Benzo(k)fluoranthene	23.380	252	79527	2.063	ng/ul#	83
93) Benzo(a)pyrene	24.004	252	164589	4.733	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.815	276	135693	3.015	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	128503	3.465	ng/ul	97

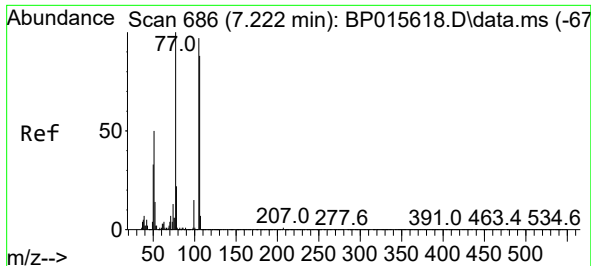
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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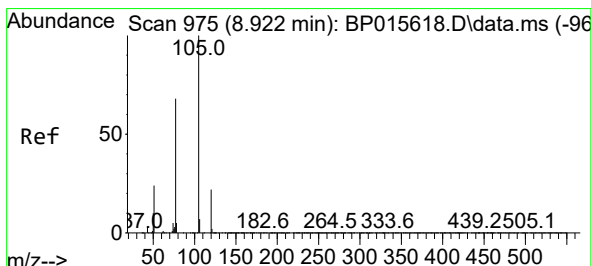
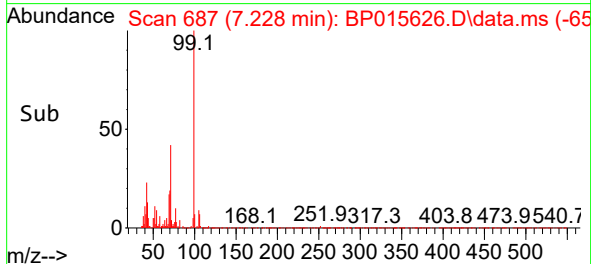
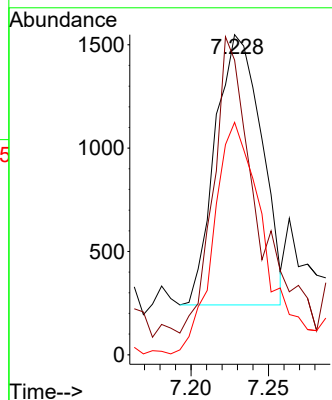
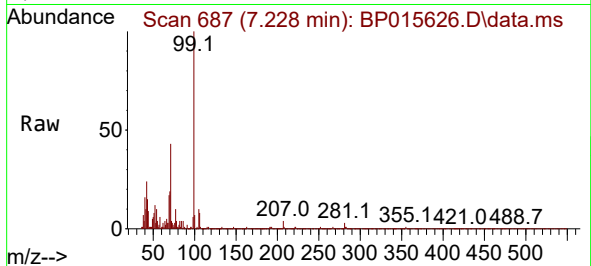




#6
Benzaldehyde
Concen: 1.002 ng/ul
RT: 7.228 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP015626.D
Acq: 20 Jun 2023 17:37

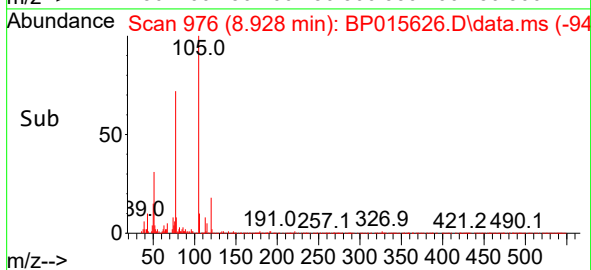
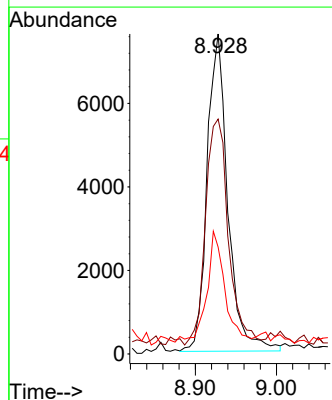
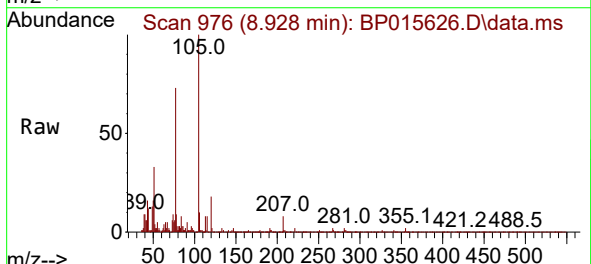
Instrument :
BNA_P
ClientSampleId :
DCFH7

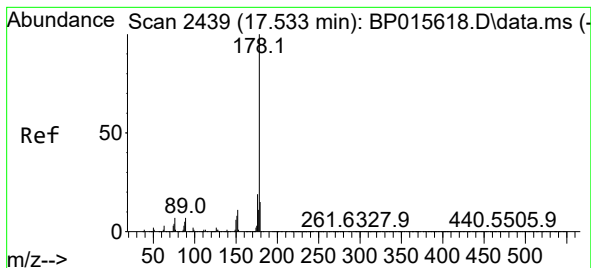
Tgt Ion: 77 Resp: 2716
Ion Ratio Lower Upper
77 100
105 92.1 77.3 115.9
106 72.6 73.3 109.9#



#16
Acetophenone
Concen: 1.454 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP015626.D
Acq: 20 Jun 2023 17:37

Tgt Ion: 105 Resp: 13504
Ion Ratio Lower Upper
105 100
77 73.4 64.9 97.3
51 33.4 23.5 35.3





#72

Phenanthrene

Concen: 2.606 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

Instrument :

BNA_P

ClientSampleId :

DCFH7

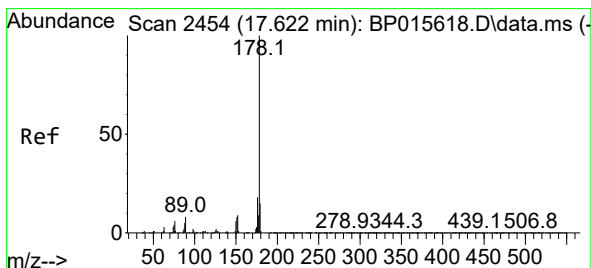
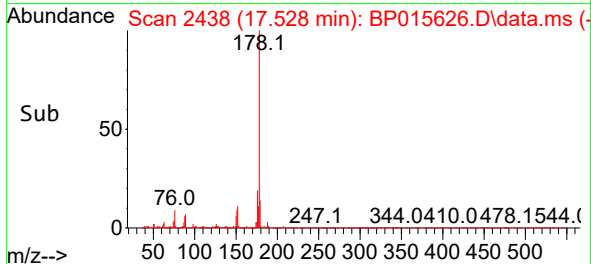
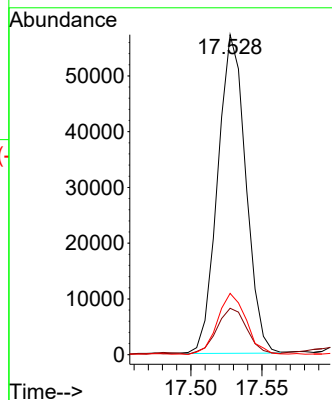
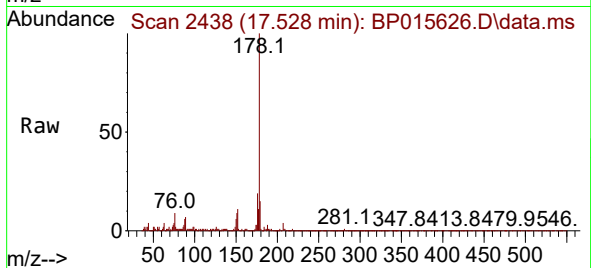
Tgt Ion:178 Resp: 78677

Ion Ratio Lower Upper

178 100

179 14.5 12.3 18.5

176 19.2 15.4 23.0



#74

Anthracene

Concen: 2.586 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. -0.094 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

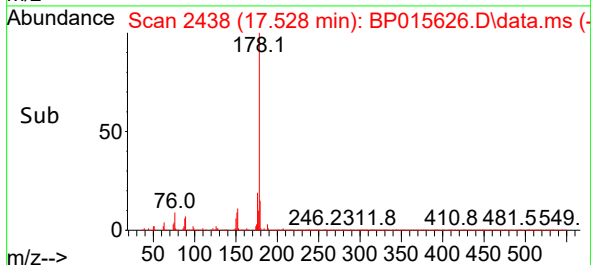
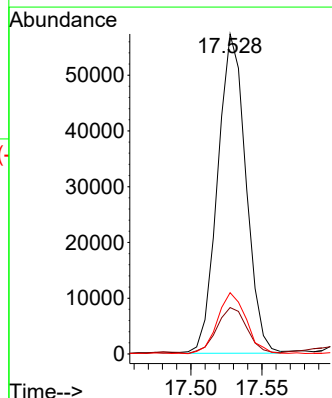
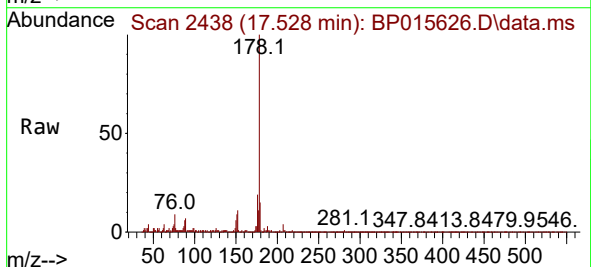
Tgt Ion:178 Resp: 79217

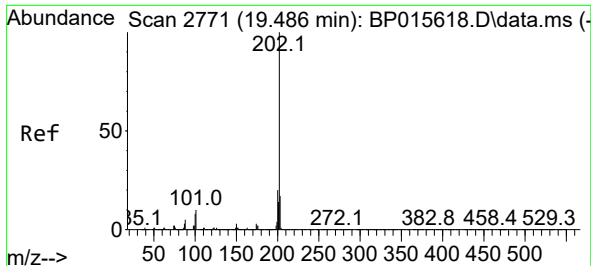
Ion Ratio Lower Upper

178 100

179 14.5 12.4 18.6

176 19.2 15.0 22.4

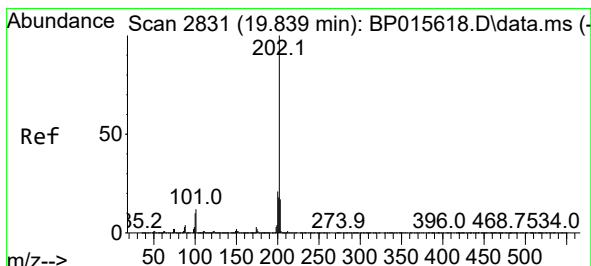
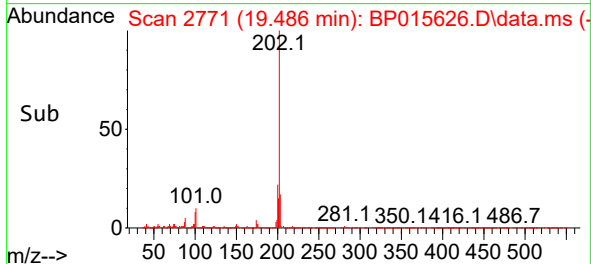
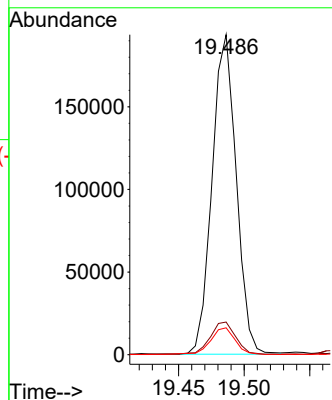
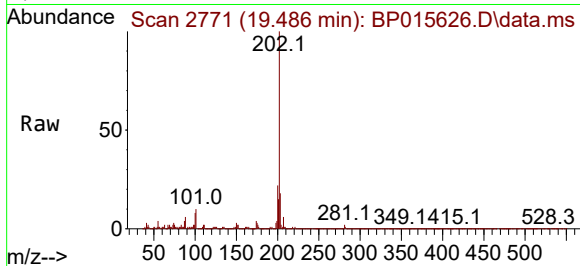




#80
Fluoranthene
Concen: 6.628 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015626.D
Acq: 20 Jun 2023 17:37

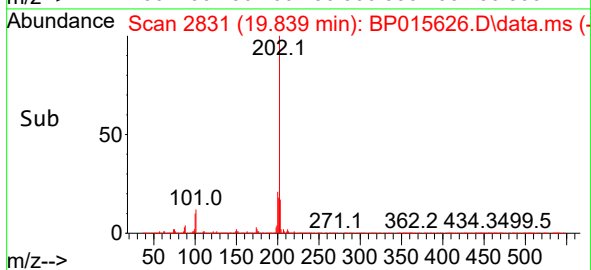
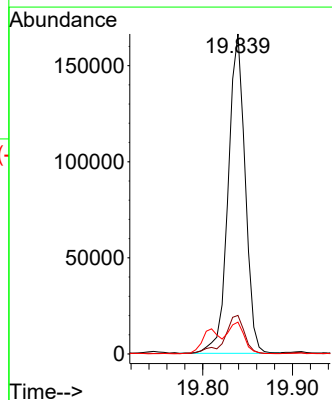
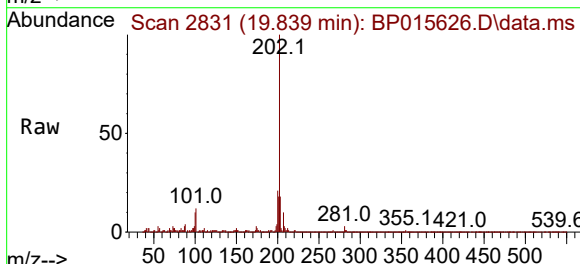
Instrument :
BNA_P
ClientSampleId :
DCFH7

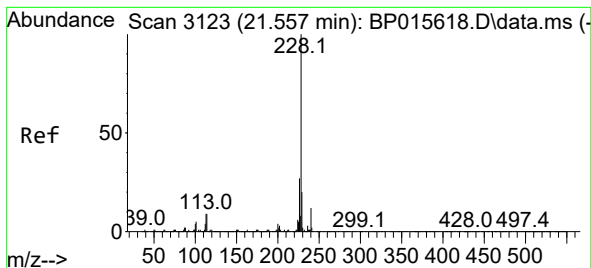
Tgt Ion:202 Resp: 247889
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.4 6.6 9.8



#82
Pyrene
Concen: 5.641 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015626.D
Acq: 20 Jun 2023 17:37

Tgt Ion:202 Resp: 218277
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.0 8.4 12.6





#85

Benzo(a)anthracene

Concen: 3.441 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

Instrument :

BNA_P

ClientSampleId :

DCFH7

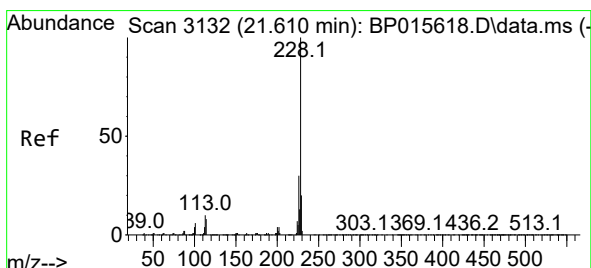
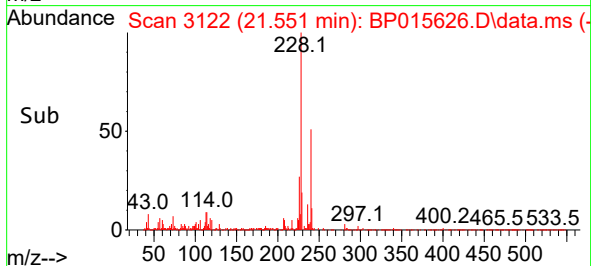
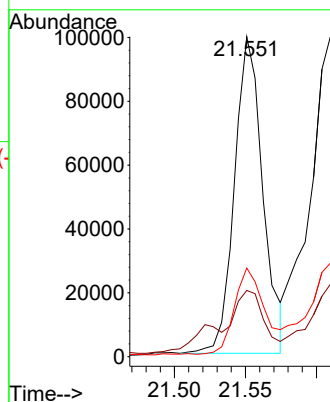
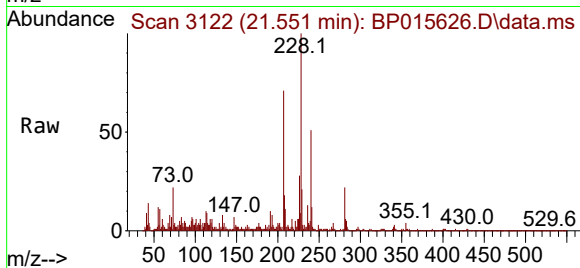
Tgt Ion:228 Resp: 138010

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

226 27.7 21.8 32.6



#87

Chrysene

Concen: 4.028 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

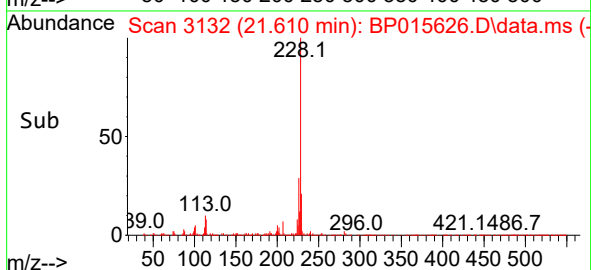
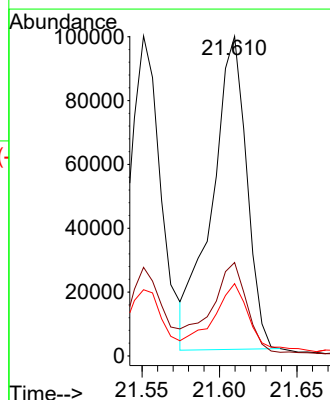
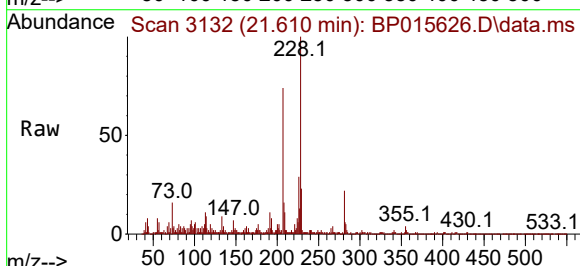
Tgt Ion:228 Resp: 152697

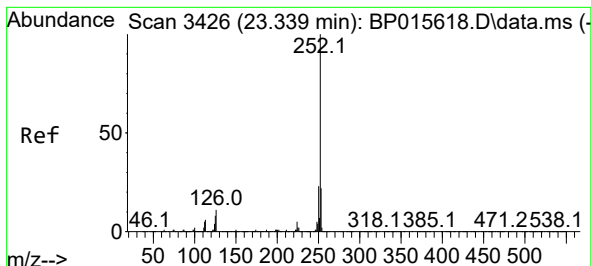
Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 22.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 6.490 ng/ul

RT: 23.333 min Scan# 3426

Delta R.T. 0.006 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

Instrument :

BNA_P

ClientSampleId :

DCFH7

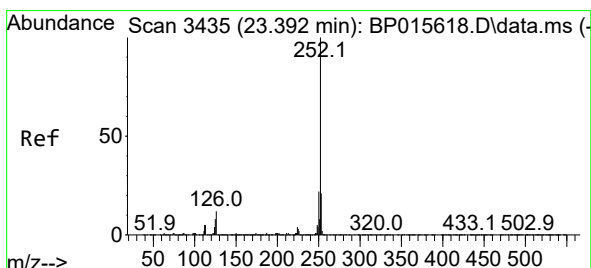
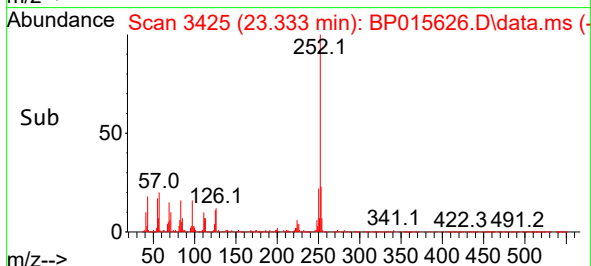
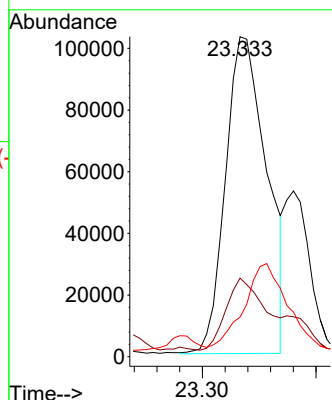
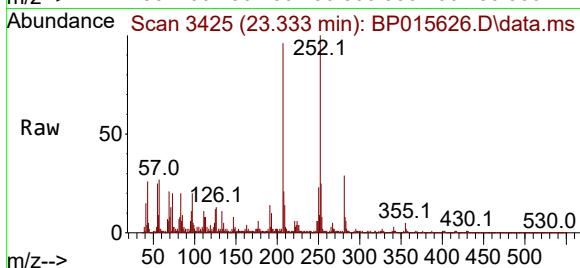
Tgt Ion:252 Resp: 258863

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.2

125 12.4 7.3 10.9#



#91

Benzo(k)fluoranthene

Concen: 2.063 ng/ul

RT: 23.380 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

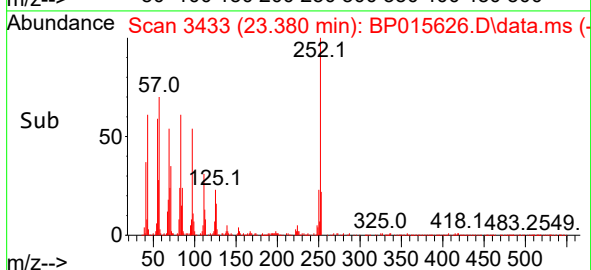
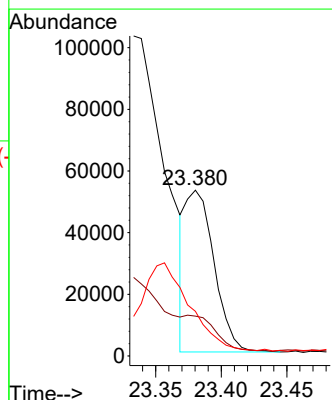
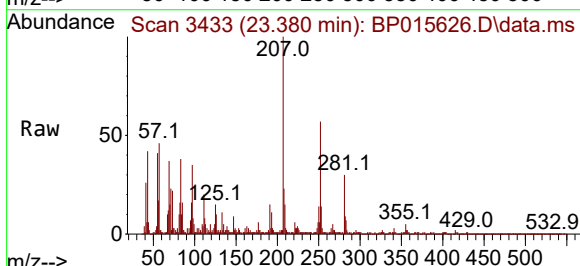
Tgt Ion:252 Resp: 79527

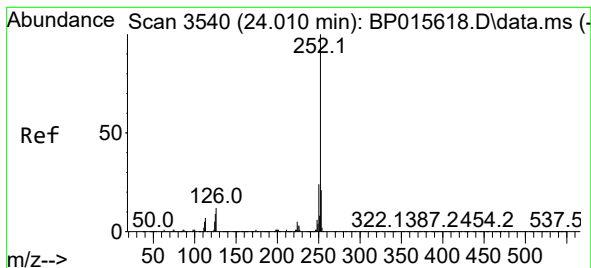
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 26.9 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 4.733 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. -0.000 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

Instrument :

BNA_P

ClientSampleId :

DCFH7

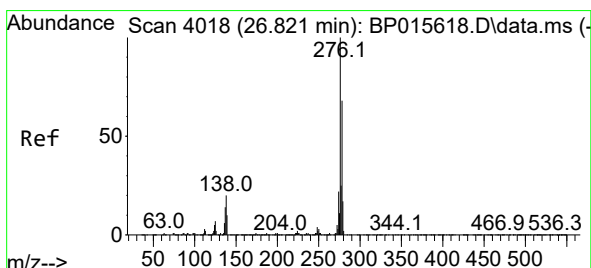
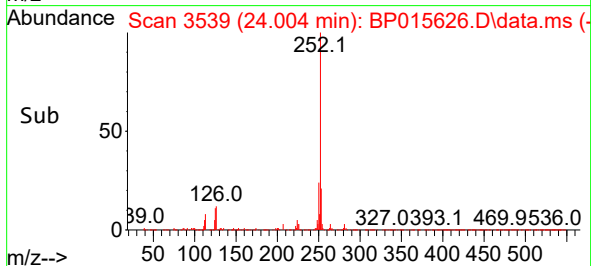
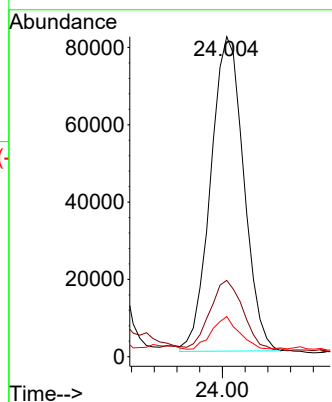
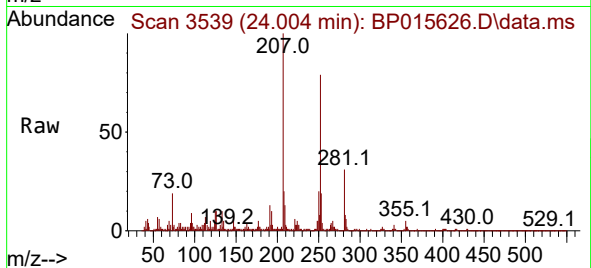
Tgt Ion:252 Resp: 164589

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 12.6 8.1 12.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.015 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015626.D

Acq: 20 Jun 2023 17:37

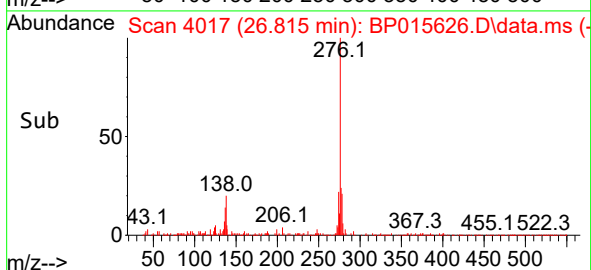
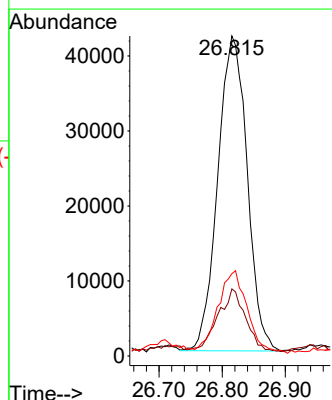
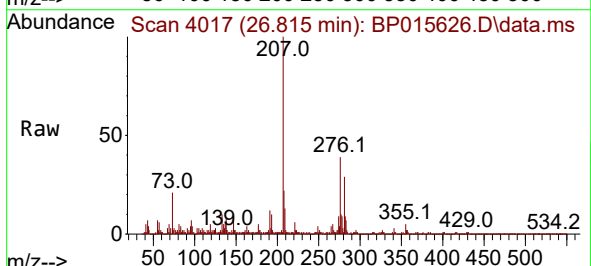
Tgt Ion:276 Resp: 135693

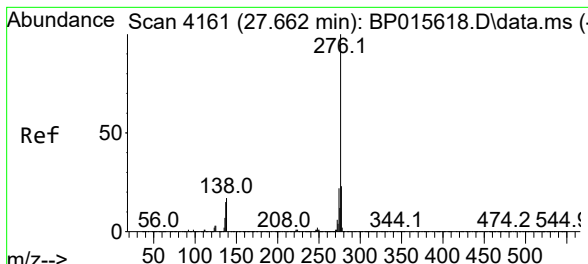
Ion Ratio Lower Upper

276 100

138 20.9 17.3 25.9

277 25.7 20.2 30.2





#96
 Benzo(g,h,i)perylene
 Concen: 3.465 ng/ul
 RT: 27.645 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP015626.D
 Acq: 20 Jun 2023 17:37

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:276 Resp: 128503

Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.6	23.4
277	25.6	19.0	28.6

