

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015625.D
 Acq On : 20 Jun 2023 17:03
 Operator : MA/JU
 Sample : 03080-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH6

Quant Time: Jun 20 22:27:41 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

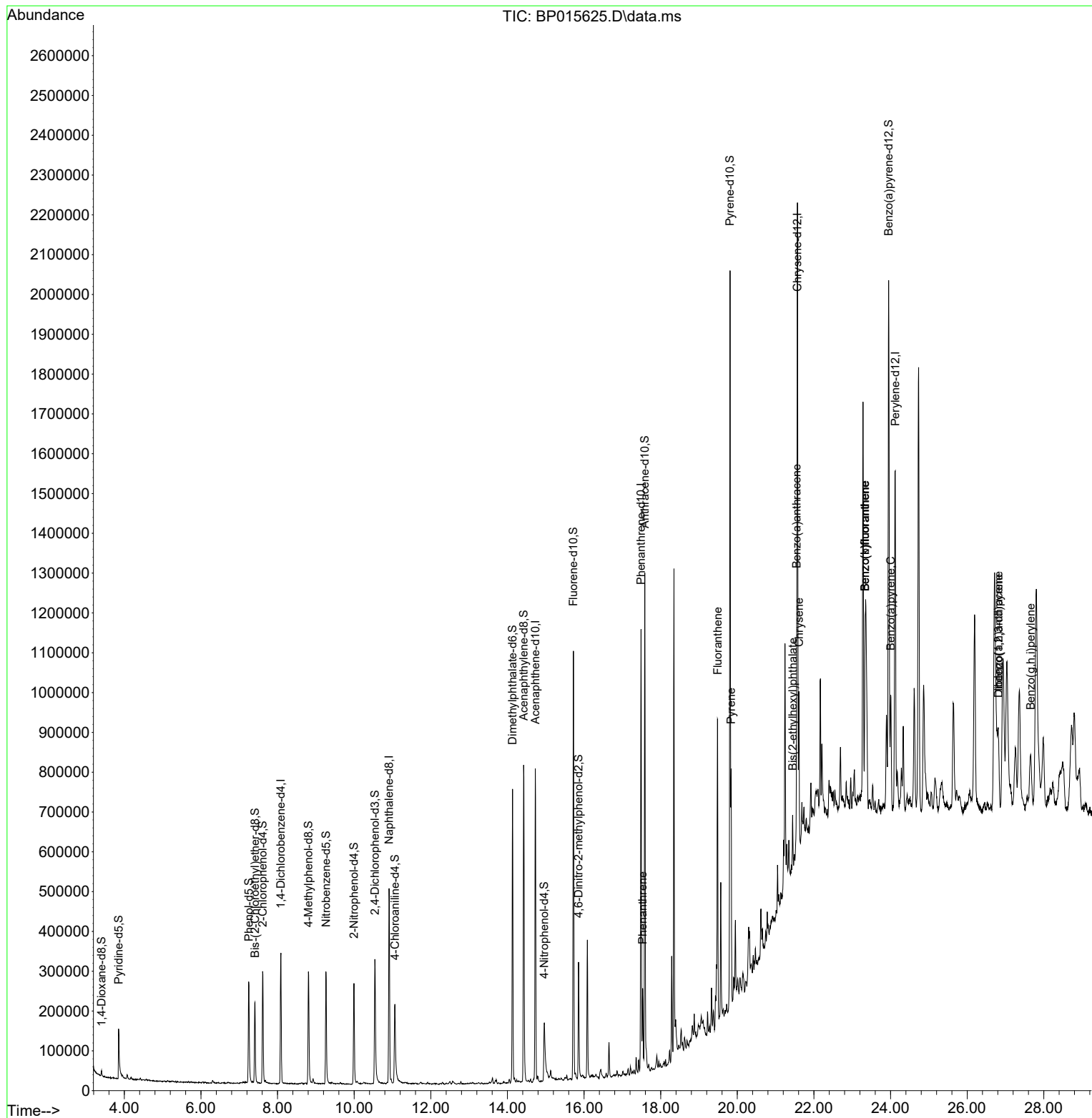
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	86022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	381570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	257733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	619053	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	644058	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	706905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	6058	2.608	ng/uL	0.00
4) Pyridine-d5	3.852	84	75974	12.591	ng/ul	0.00
7) Phenol-d5	7.252	99	154839	19.538	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.410	67	96729	20.438	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	123004	21.408	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	111080	17.079	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	62920	21.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	73622	21.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	126923	20.338	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	125118	13.968	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	456366	22.455	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	517764	23.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	54044	14.849	ng/ul	0.03
60) Fluorene-d10	15.722	176	400311	23.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	60179	15.345	ng/ul	0.00
73) Anthracene-d10	17.586	188	655395	23.269	ng/ul	0.00
81) Pyrene-d10	19.810	212	898929	26.078	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	868065	24.474	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	119129	3.586	ng/ul	98
80) Fluoranthene	19.486	202	397363	9.463	ng/ul	98
82) Pyrene	19.839	202	335081	7.713	ng/ul	98
85) Benzo(a)anthracene	21.551	228	213732	4.747	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	39338	1.386	ng/ul#	96
87) Chrysene	21.610	228	240760	5.657	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	392649	8.605	ng/ul	95
91) Benzo(k)fluoranthene	23.333	252	392649	8.902	ng/ul	96
93) Benzo(a)pyrene	24.004	252	246146	6.187	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	201173	3.907	ng/ul	95
95) Dibenzo(a,h)anthracene	26.821	278	50663	1.208	ng/ul#	75
96) Benzo(g,h,i)perylene	27.656	276	186804	4.403	ng/ul	99

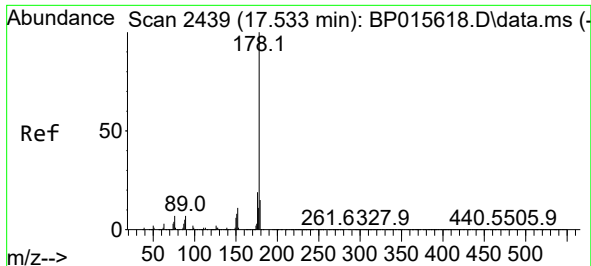
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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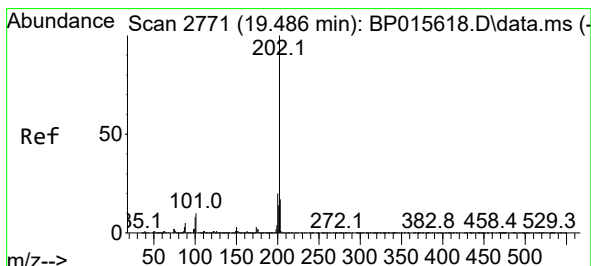
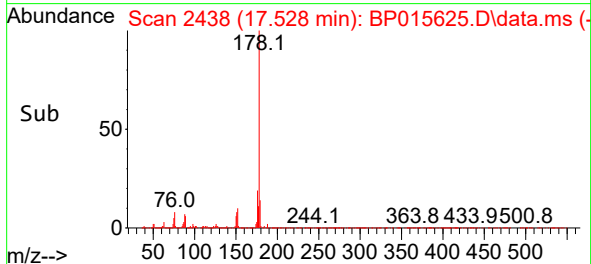
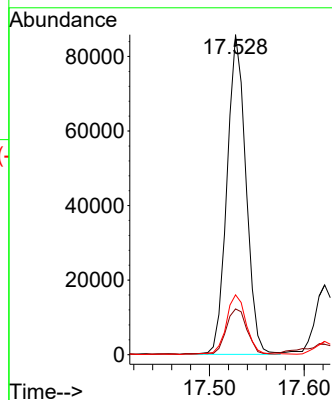
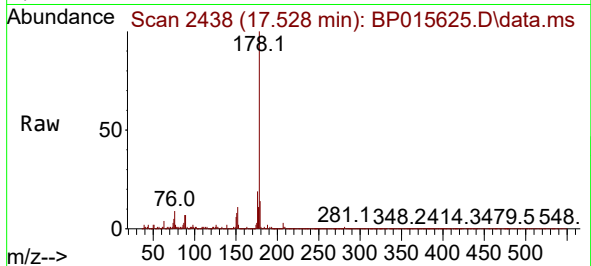




#72
Phenanthrene
Concen: 3.586 ng/ul
RT: 17.528 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

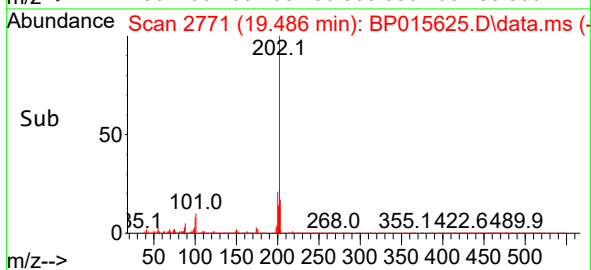
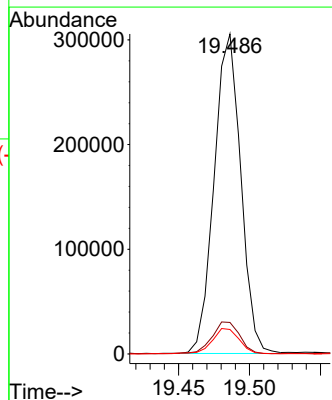
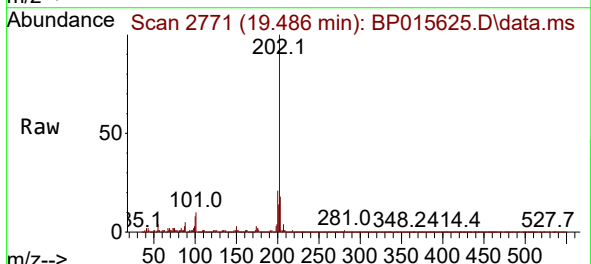
Instrument :
BNA_P
ClientSampleId :
DCFH6

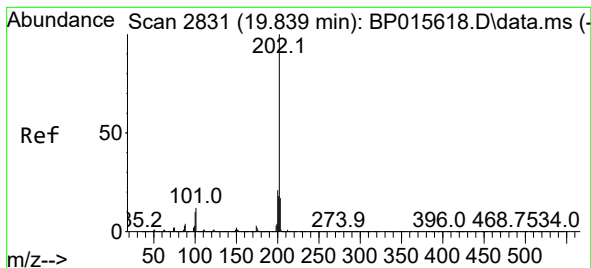
Tgt Ion:178 Resp: 119129
Ion Ratio Lower Upper
178 100
179 14.3 12.3 18.5
176 18.7 15.4 23.0



#80
Fluoranthene
Concen: 9.463 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

Tgt Ion:202 Resp: 397363
Ion Ratio Lower Upper
202 100
101 9.9 8.6 13.0
100 7.7 6.6 9.8





#82

Pyrene

Concen: 7.713 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015625.D

Acq: 20 Jun 2023 17:03

Instrument :

BNA_P

ClientSampleId :

DCFH6

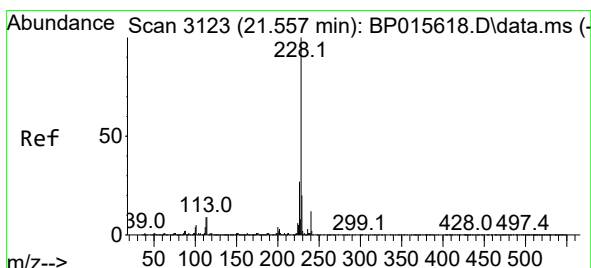
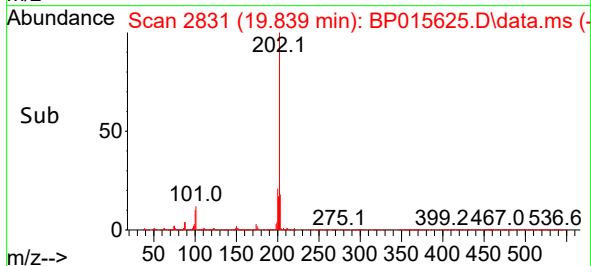
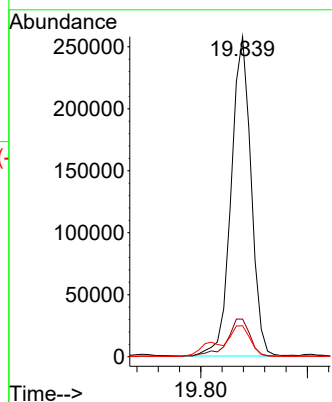
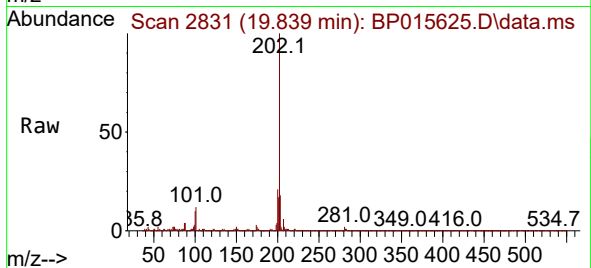
Tgt Ion:202 Resp: 335081

Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

100 9.7 8.4 12.6



#85

Benzo(a)anthracene

Concen: 4.747 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015625.D

Acq: 20 Jun 2023 17:03

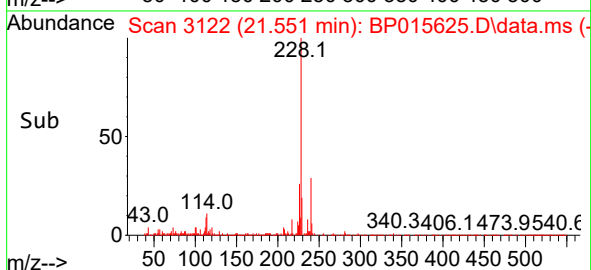
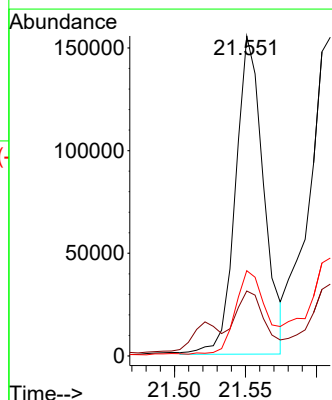
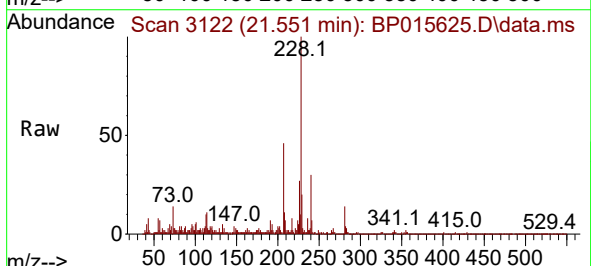
Tgt Ion:228 Resp: 213732

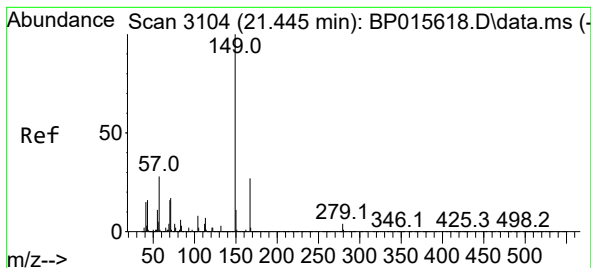
Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 26.7 21.8 32.6

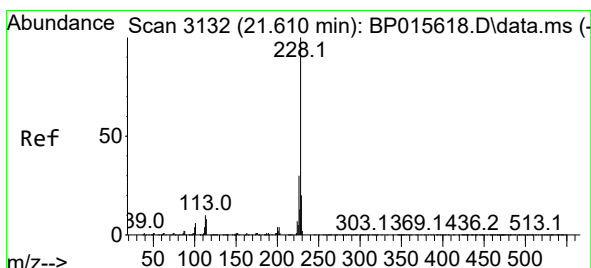
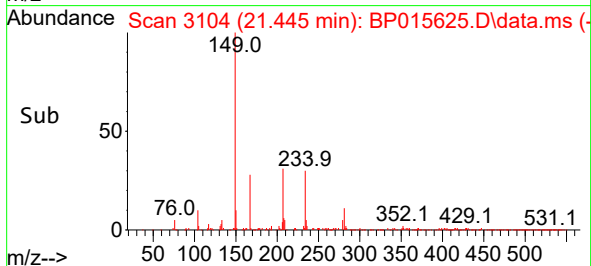
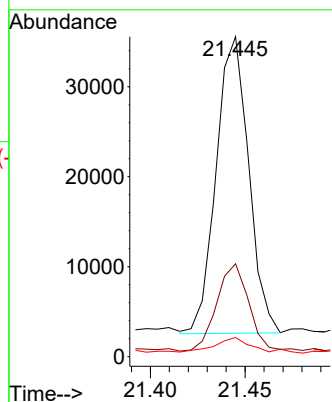
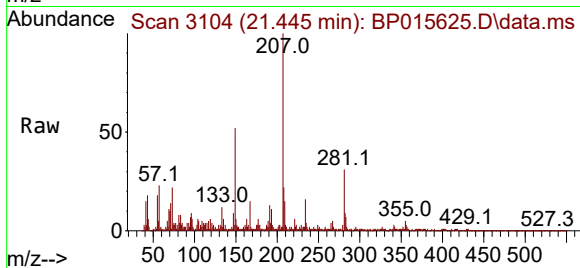




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.386 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

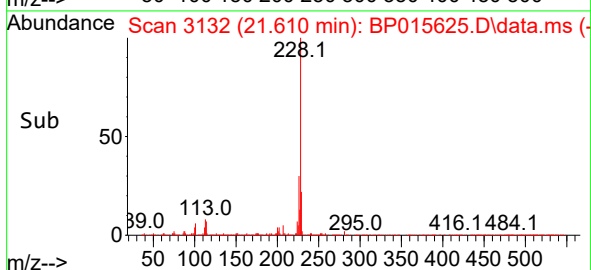
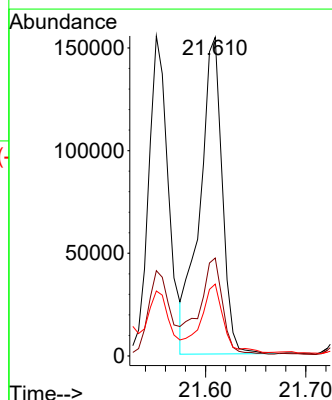
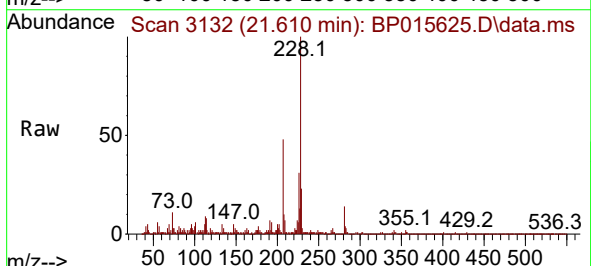
Instrument :
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DCFH6

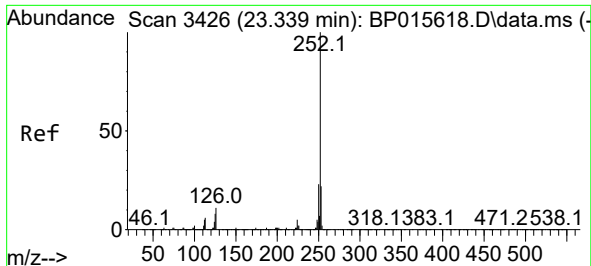
Tgt Ion:149 Resp: 39338
Ion Ratio Lower Upper
149 100
167 29.1 21.8 32.8
279 6.0 3.7 5.5#



#87
Chrysene
Concen: 5.657 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

Tgt Ion:228 Resp: 240760
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.5 15.1 22.7

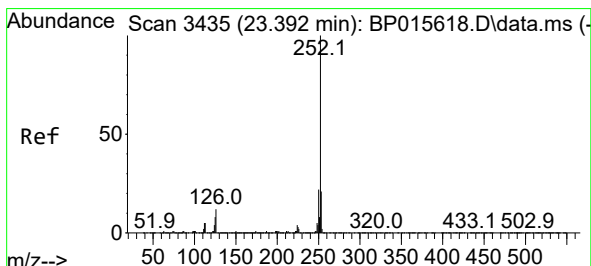
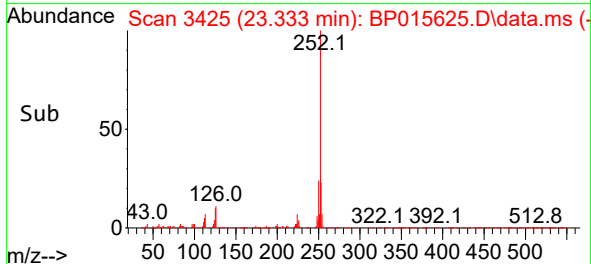
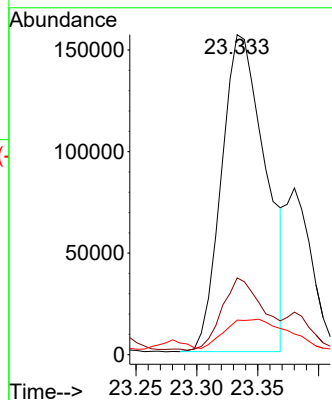
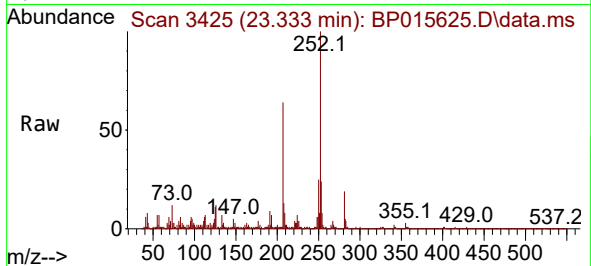




#90
Benzo(b)fluoranthene
Concen: 8.605 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

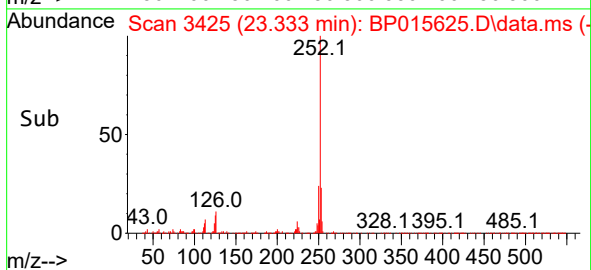
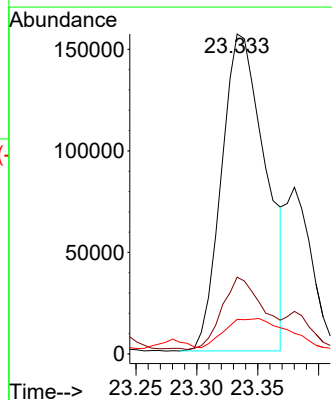
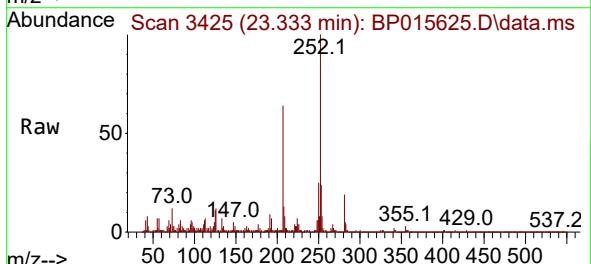
Instrument :
BNA_P
ClientSampleId :
DCFH6

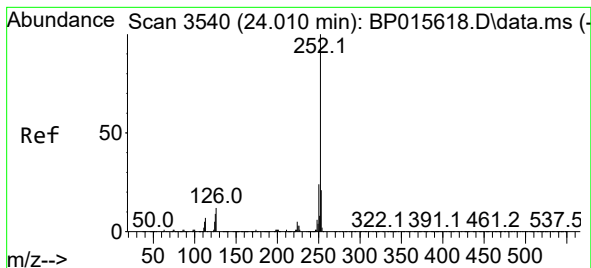
Tgt Ion:252 Resp: 392649
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 10.8 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 8.902 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. -0.047 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

Tgt Ion:252 Resp: 392649
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 10.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 6.187 ng/ul

RT: 24.004 min Scan# 3539

Delta R.T. -0.000 min

Lab File: BP015625.D

Acq: 20 Jun 2023 17:03

Instrument :

BNA_P

ClientSampleId :

DCFH6

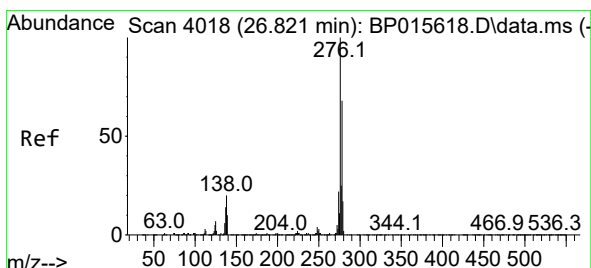
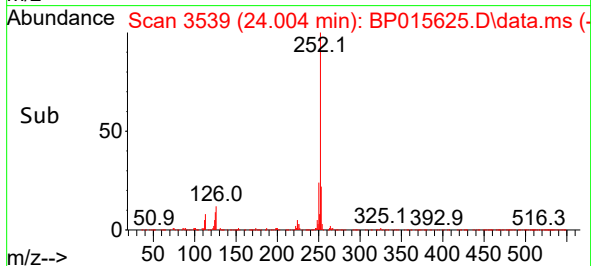
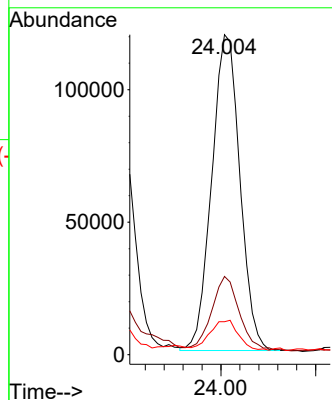
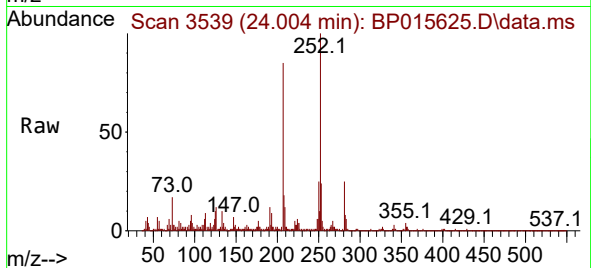
Tgt Ion:252 Resp: 246146

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.6

125 10.3 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.907 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015625.D

Acq: 20 Jun 2023 17:03

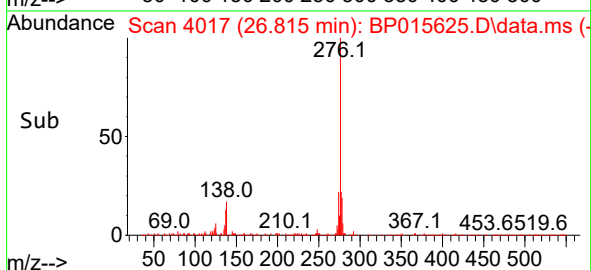
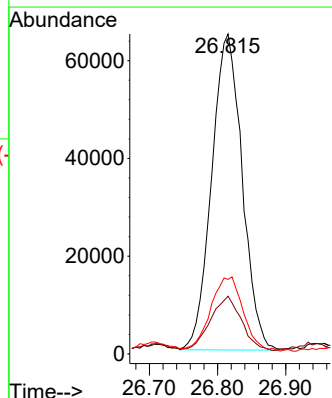
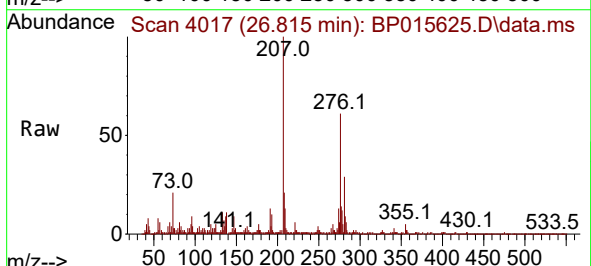
Tgt Ion:276 Resp: 201173

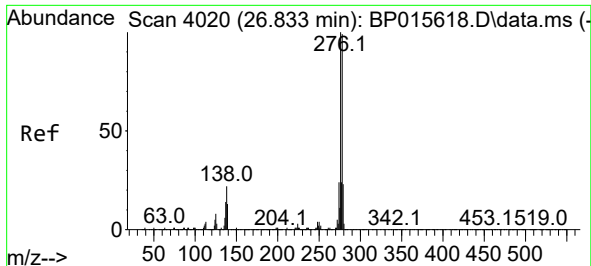
Ion Ratio Lower Upper

276 100

138 18.1 17.3 25.9

277 23.3 20.2 30.2

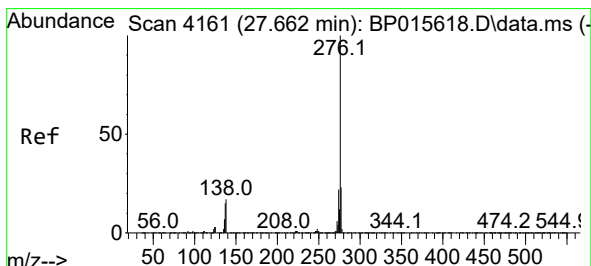
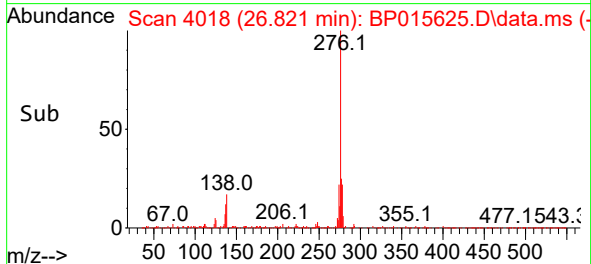
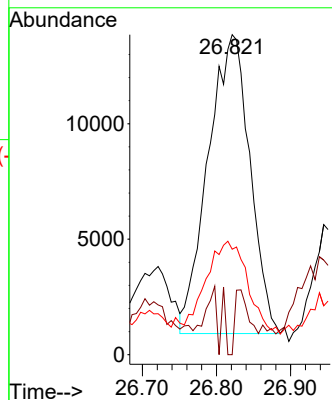
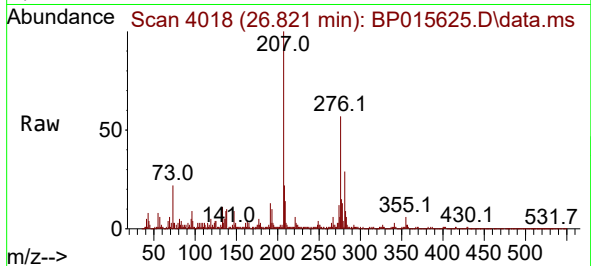




#95
Dibenzo(a,h)anthracene
Concen: 1.208 ng/ul
RT: 26.821 min Scan# 4020
Delta R.T. -0.006 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

Instrument :
BNA_P
ClientSampleId :
DCFH6

Tgt Ion:278 Resp: 50663
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 32.9 18.7 28.1#



#96
Benzo(g,h,i)perylene
Concen: 4.403 ng/ul
RT: 27.656 min Scan# 4160
Delta R.T. 0.018 min
Lab File: BP015625.D
Acq: 20 Jun 2023 17:03

Tgt Ion:276 Resp: 186804
Ion Ratio Lower Upper
276 100
138 19.9 15.6 23.4
277 24.1 19.0 28.6

