

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015722.D
 Acq On : 26 Jun 2023 19:35
 Operator : MA/JU
 Sample : 03084-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM6

Quant Time: Jun 27 02:34:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

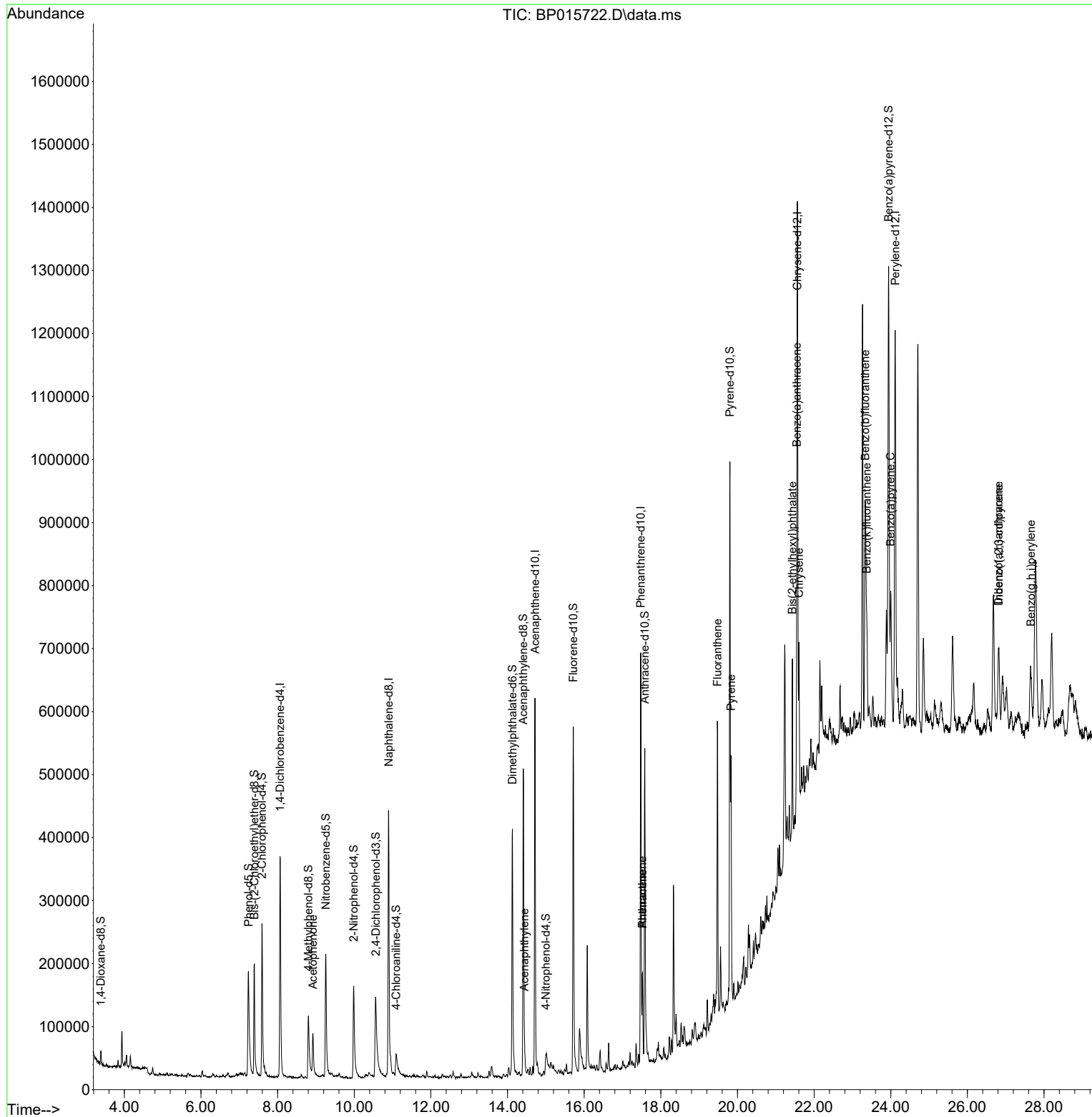
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	105371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	391329	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	203702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	399171	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	418321	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	542120	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	8688	2.966	ng/uL	0.00
4) Pyridine-d5	3.834	84	517	0.070	ng/ul	0.00
7) Phenol-d5	7.240	99	128967	14.305	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.393	67	94617	16.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	116740	17.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	56577	7.944	ng/ul	0.02
21) Nitrobenzene-d5	9.258	128	52222	17.462	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	56139	16.083	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.563	165	85023	13.669	ng/ul	0.04
31) 4-Chloroaniline-d4	11.093	131	40612	5.083	ng/ul	0.05
46) Dimethylphthalate-d6	14.128	166	297128	18.872	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	330706	18.685	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	6587	3.170	ng/ul	0.05
60) Fluorene-d10	15.716	176	241137	18.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.987	200	142	0.058	ng/ul	0.13
73) Anthracene-d10	17.581	188	323767	17.757	ng/ul	0.00
81) Pyrene-d10	19.804	212	441841	16.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	534408	19.542	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.922	105	44398	3.792	ng/ul	93
50) Acenaphthylene	14.440	152	19809	1.016	ng/ul	98
72) Phenanthrene	17.522	178	84038	3.875	ng/ul	98
74) Anthracene	17.522	178	84038	3.857	ng/ul	97
80) Fluoranthene	19.481	202	271799	8.006	ng/ul	99
82) Pyrene	19.834	202	227522	6.570	ng/ul	100
85) Benzo(a)anthracene	21.551	228	149924	5.095	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	85128	4.384	ng/ul	99
87) Chrysene	21.604	228	175965	6.303	ng/ul	98
90) Benzo(b)fluoranthene	23.333	252	278821	8.004	ng/ul#	97
91) Benzo(k)fluoranthene	23.375	252	100376	2.852	ng/ul#	93
93) Benzo(a)pyrene	23.998	252	173669	5.706	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.821	276	156839	3.796	ng/ul	97
95) Dibenzo(a,h)anthracene	26.816	278	42488	1.252	ng/ul#	75
96) Benzo(g,h,i)perylene	27.657	276	150152	4.417	ng/ul	98

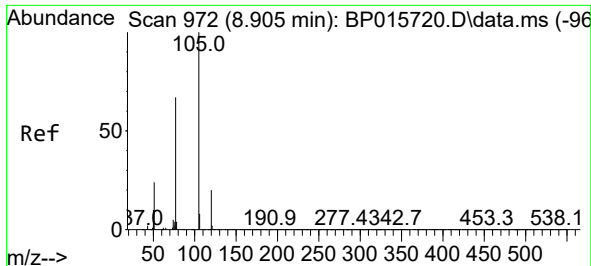
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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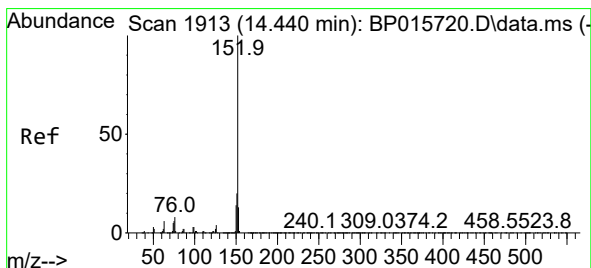
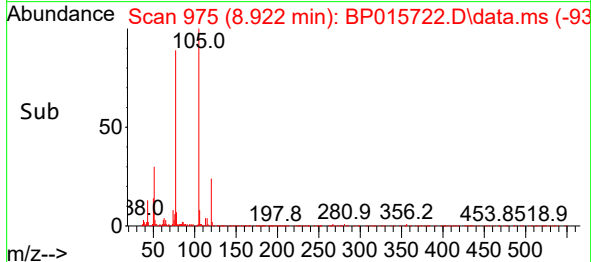
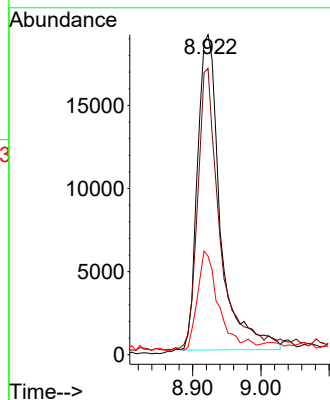
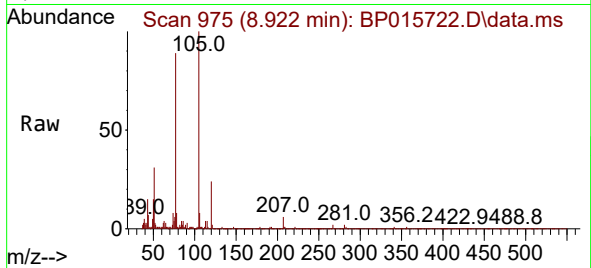




#16
Acetophenone
Concen: 3.792 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

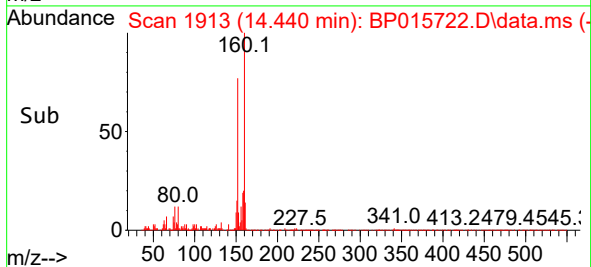
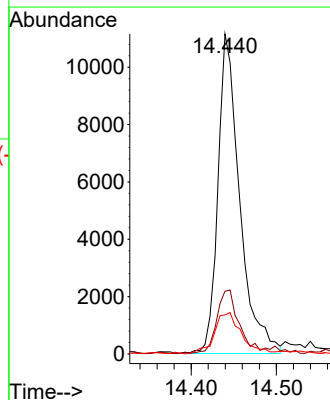
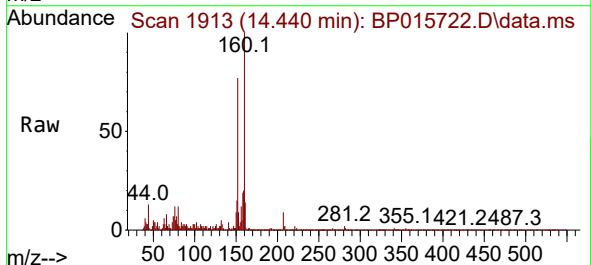
Instrument :
BNA_P
ClientSampleId :
DCFM6

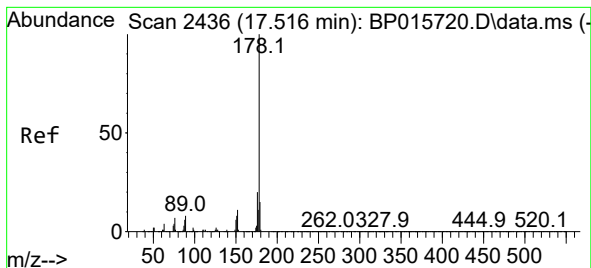
Tgt Ion:	105	Resp:	44398
Ion Ratio	Lower	Upper	
105	100		
77	89.4	65.0	97.4
51	30.8	25.1	37.7



#50
Acenaphthylene
Concen: 1.016 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

Tgt Ion:	152	Resp:	19809
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.2	10.5	15.7





#72

Phenanthrene

Concen: 3.875 ng/ul

RT: 17.522 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

Instrument :

BNA_P

ClientSampleId :

DCFM6

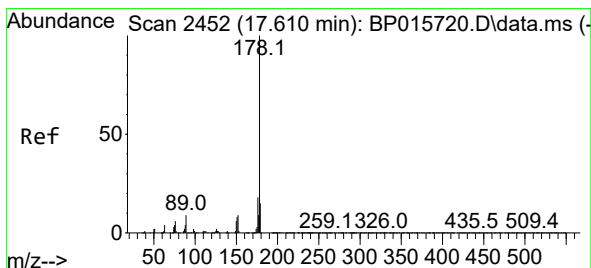
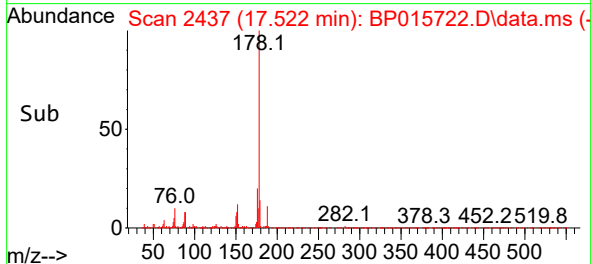
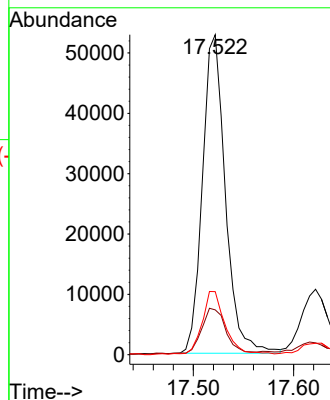
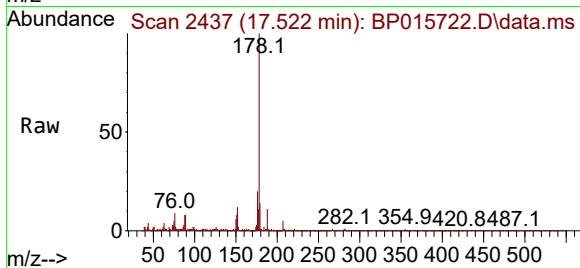
Tgt Ion:178 Resp: 84038

Ion Ratio Lower Upper

178 100

179 14.0 12.4 18.6

176 19.7 15.6 23.4



#74

Anthracene

Concen: 3.857 ng/ul

RT: 17.522 min Scan# 2437

Delta R.T. -0.088 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

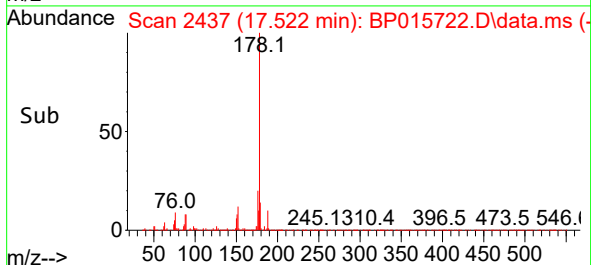
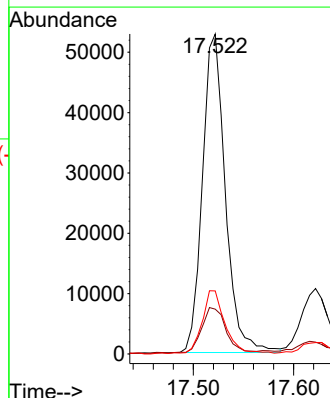
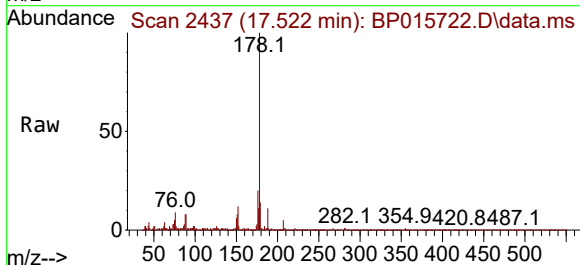
Tgt Ion:178 Resp: 84038

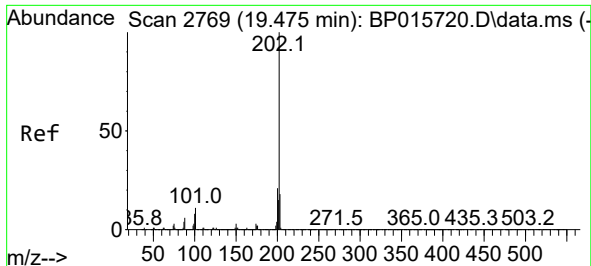
Ion Ratio Lower Upper

178 100

179 14.0 12.1 18.1

176 19.7 14.6 22.0

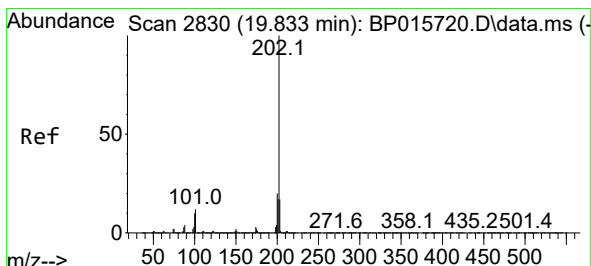
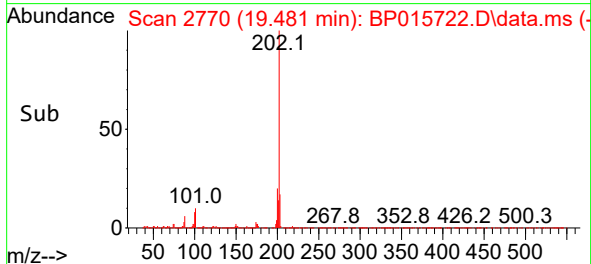
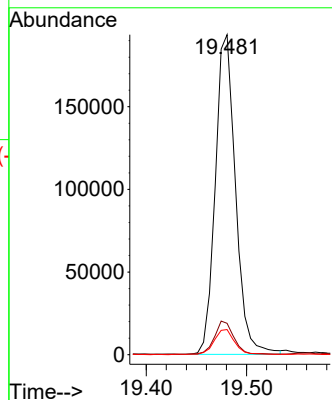
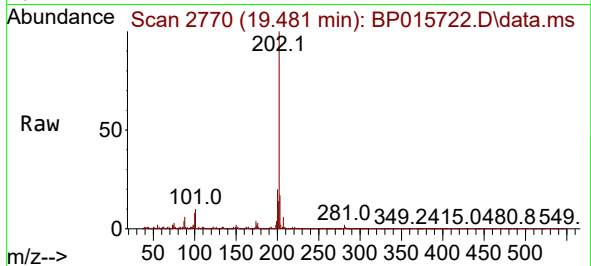




#80
Fluoranthene
Concen: 8.006 ng/ul
RT: 19.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

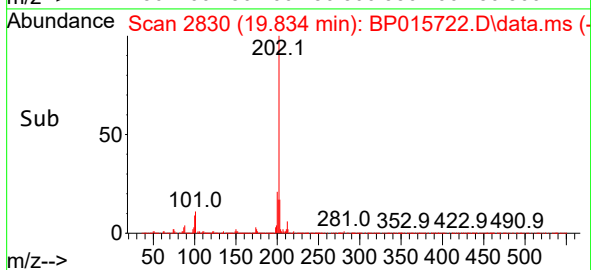
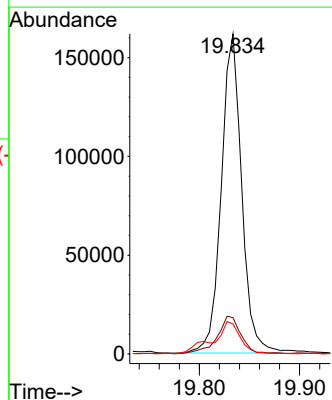
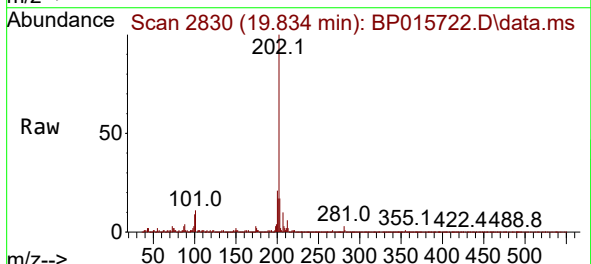
Instrument :
BNA_P
ClientSampleId :
DCFM6

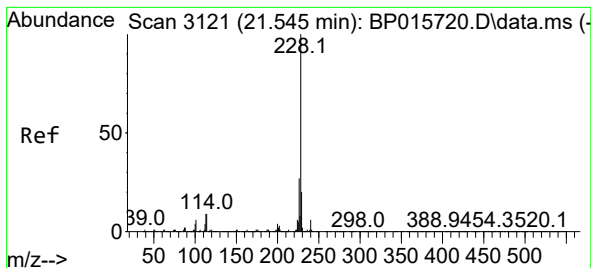
Tgt Ion:202 Resp: 271799
Ion Ratio Lower Upper
202 100
101 9.8 8.3 12.5
100 7.9 6.6 9.8



#82
Pyrene
Concen: 6.570 ng/ul
RT: 19.834 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

Tgt Ion:202 Resp: 227522
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.4 7.6 11.4





#85

Benzo(a)anthracene

Concen: 5.095 ng/ul

RT: 21.551 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

Instrument :

BNA_P

ClientSampleId :

DCFM6

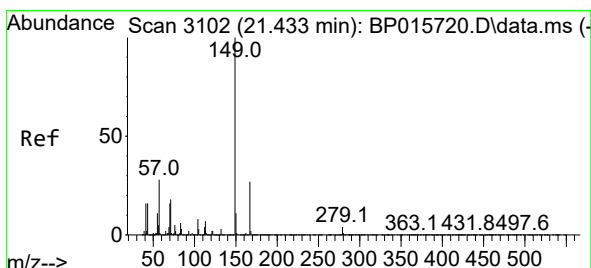
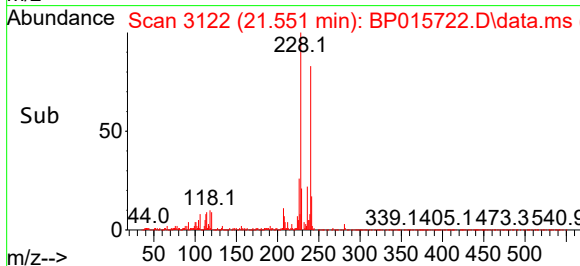
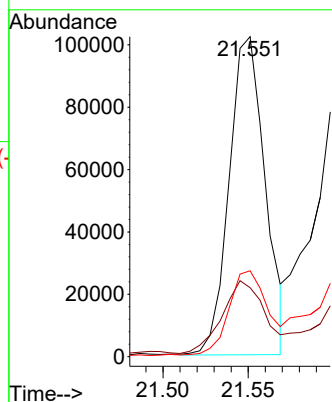
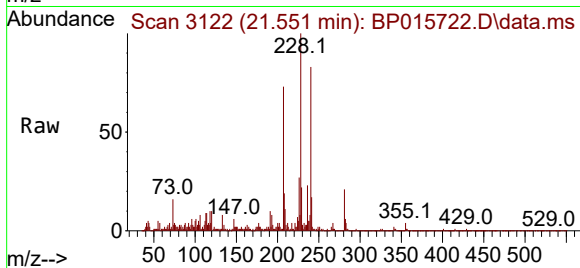
Tgt Ion:228 Resp: 149924

Ion Ratio Lower Upper

228 100

229 21.6 15.3 22.9

226 26.9 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.384 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

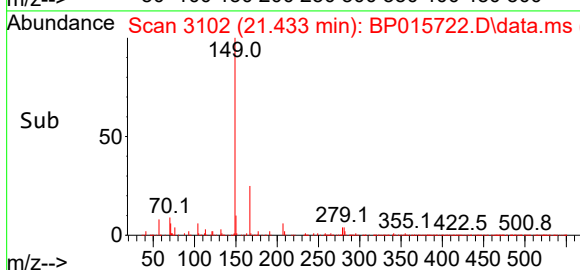
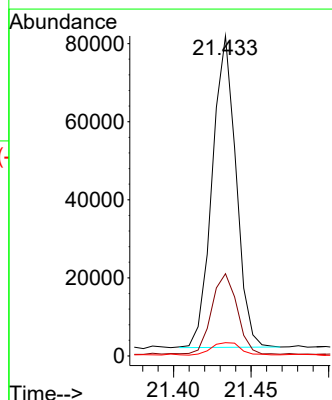
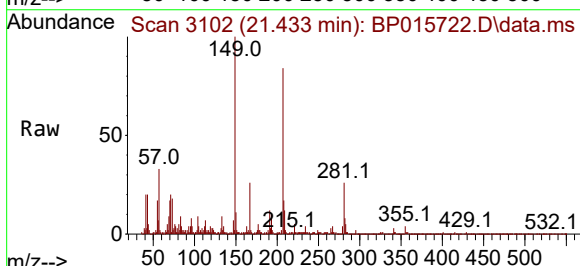
Tgt Ion:149 Resp: 85128

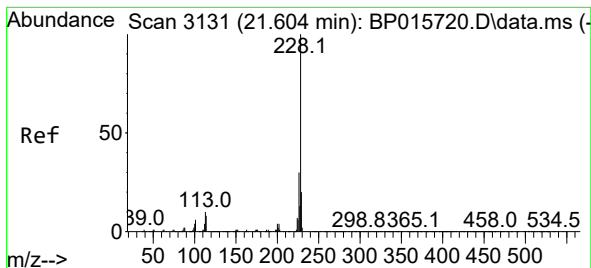
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.6

279 4.2 3.8 5.6





#87

Chrysene

Concen: 6.303 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015722.D

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Instrument :

BNA_P

ClientSampleId :

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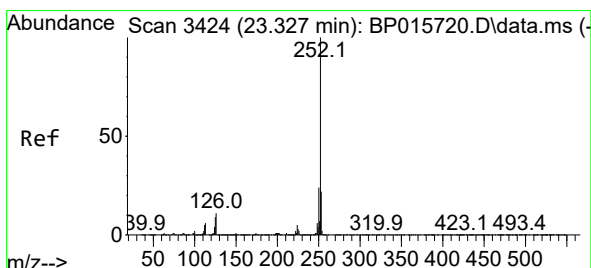
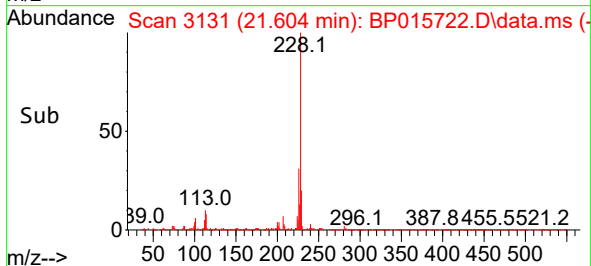
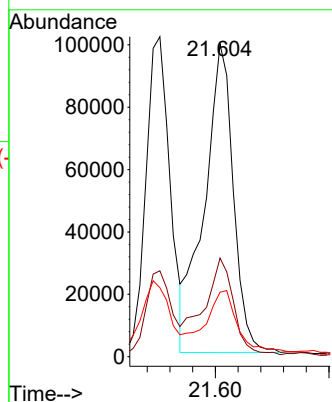
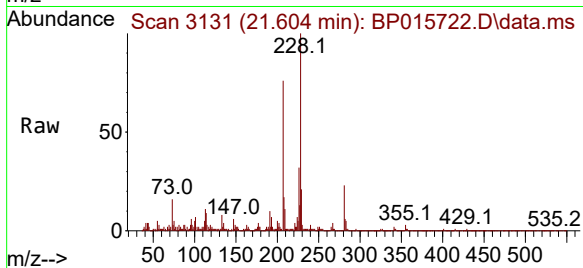
Tgt Ion:228 Resp: 175965

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

229 20.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.004 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

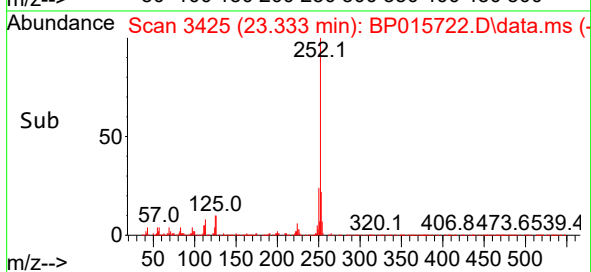
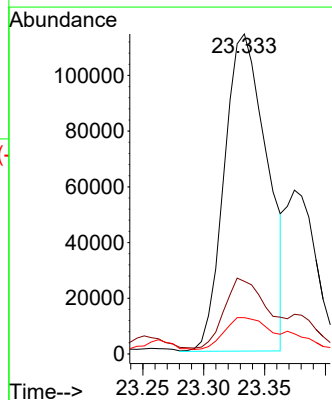
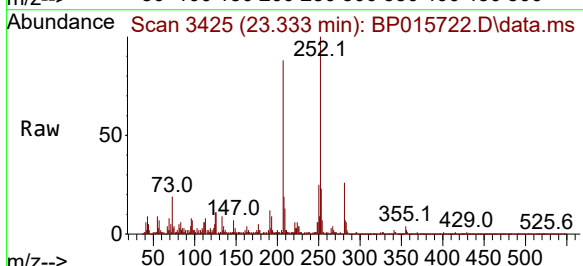
Tgt Ion:252 Resp: 278821

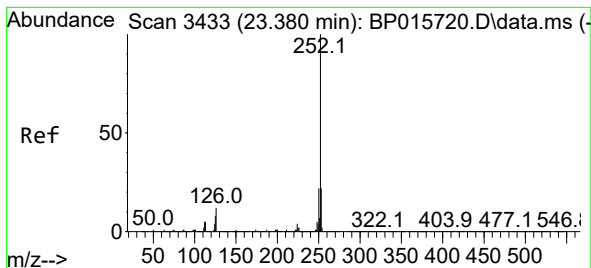
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 11.4 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.852 ng/ul

RT: 23.375 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015722.D

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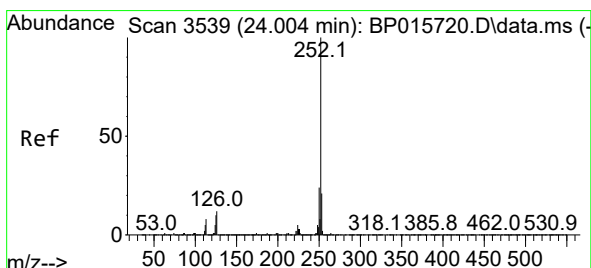
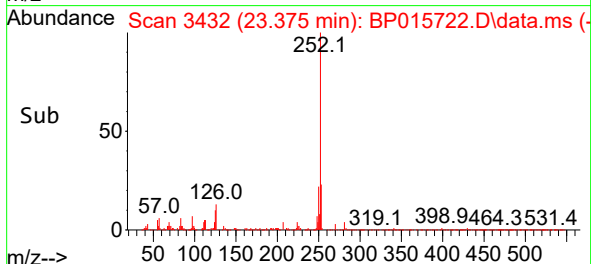
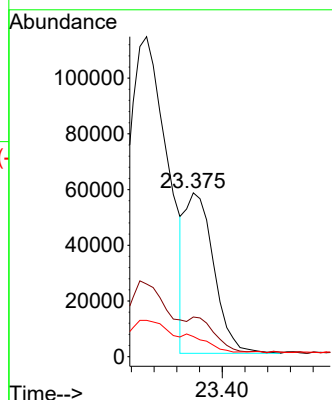
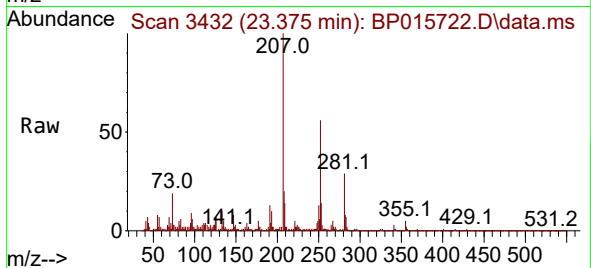
Tgt Ion:252 Resp: 100376

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

125 12.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.706 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

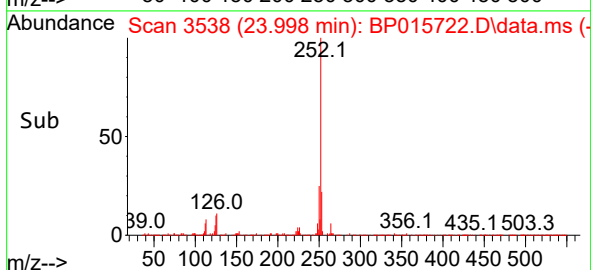
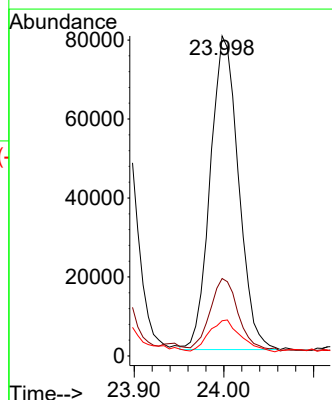
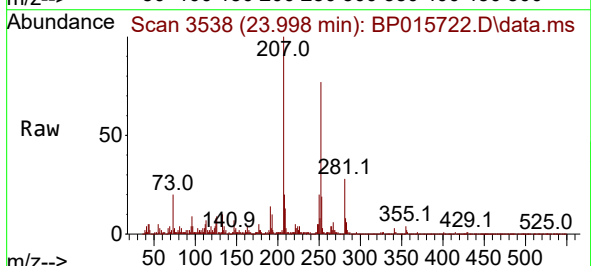
Tgt Ion:252 Resp: 173669

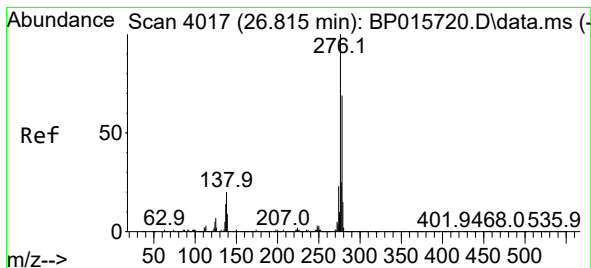
Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 11.0 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.796 ng/ul

RT: 26.821 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015722.D

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DCFM6

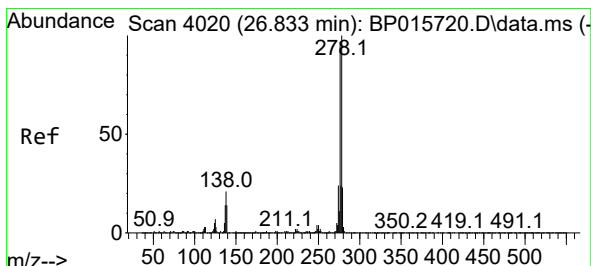
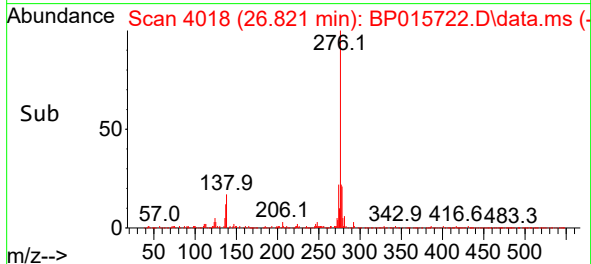
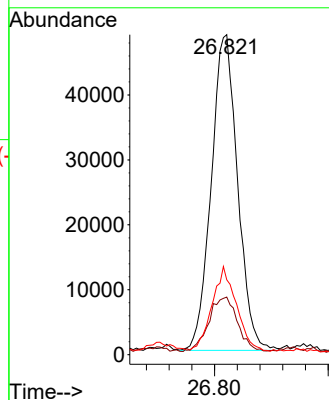
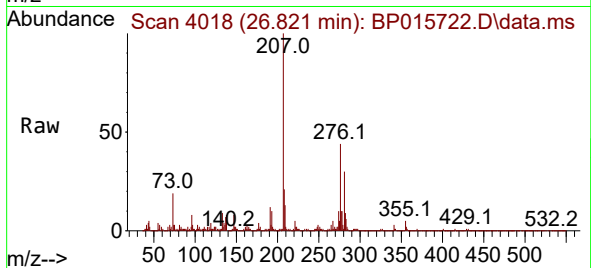
Tgt Ion:276 Resp: 156839

Ion Ratio Lower Upper

276 100

138 18.0 15.7 23.5

277 23.4 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.252 ng/ul

RT: 26.816 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

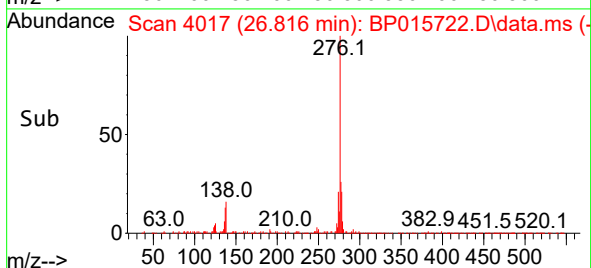
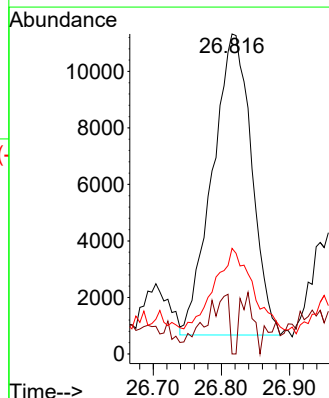
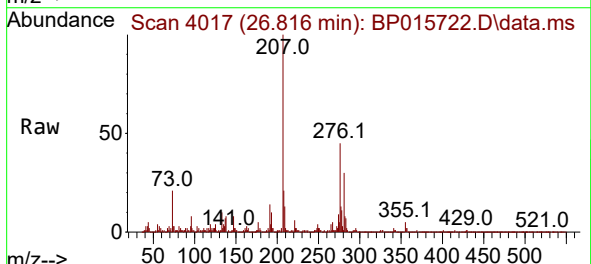
Tgt Ion:278 Resp: 42488

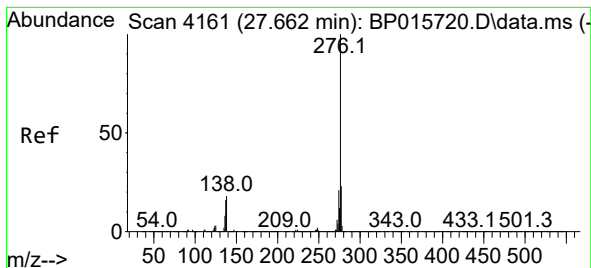
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 33.0 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 4.417 ng/ul

RT: 27.657 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP015722.D

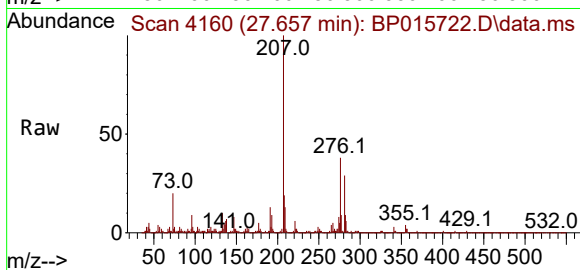
Acq: 26 Jun 2023 19:35

Instrument :

BNA_P

ClientSampleId :

DCFM6



Tgt Ion:276 Resp: 150152

Ion Ratio Lower Upper

276 100

138 18.4 15.1 22.7

277 24.5 18.8 28.2

