

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015648.D
 Acq On : 22 Jun 2023 15:39
 Operator : MA/JU
 Sample : 03083-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK8

Quant Time: Jun 22 22:05:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

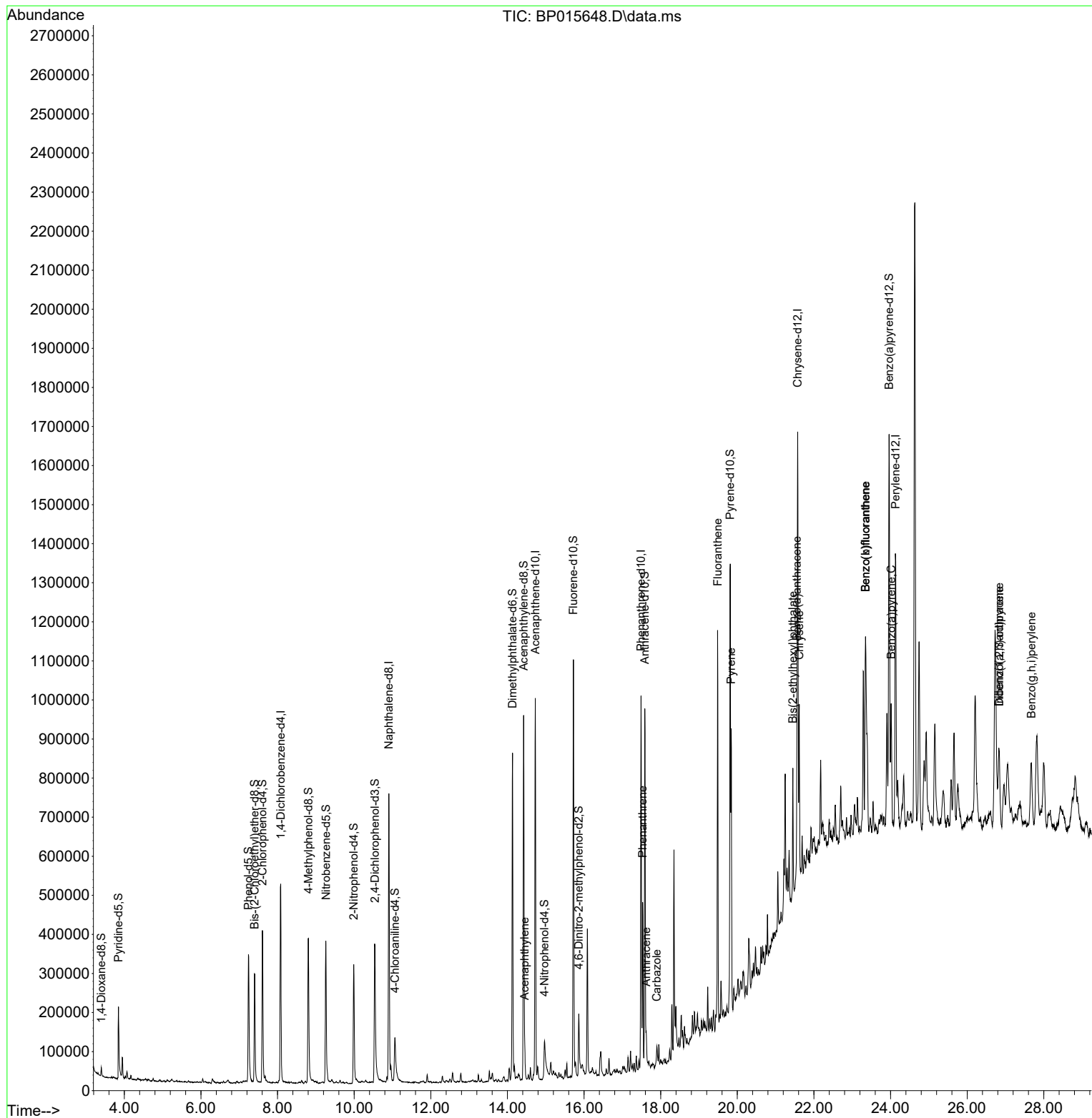
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	135992	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	571064	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	320007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	543093	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	448524	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	582462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9665	2.632	ng/uL	0.00
4) Pyridine-d5	3.846	84	100124	10.496	ng/u1	0.00
7) Phenol-d5	7.240	99	210861	16.831	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	131484	17.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	170623	18.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	157986	15.365	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	85394	19.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	93406	18.243	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	163933	17.552	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	91703	6.840	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	537809	21.312	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	591416	21.434	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	43589	9.646	ng/u1	0.02
60) Fluorene-d10	15.722	176	411636	19.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	42219	12.271	ng/u1	0.00
73) Anthracene-d10	17.586	188	508386	20.574	ng/u1	0.00
81) Pyrene-d10	19.816	212	548631	22.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	633230	21.667	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	38414	1.257	ng/u1	97
72) Phenanthrene	17.528	178	242892	8.334	ng/u1	99
74) Anthracene	17.622	178	52196	1.765	ng/u1	97
77) Carbazole	17.898	167	29831	1.120	ng/u1	96
80) Fluoranthene	19.486	202	530691	18.149	ng/u1	99
82) Pyrene	19.839	202	424748	14.040	ng/u1	99
85) Benzo(a)anthracene	21.557	228	237444	7.573	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	96343	4.875	ng/u1	98
87) Chrysene	21.616	228	281113	9.485	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	446874	11.886	ng/u1	99
91) Benzo(k)fluoranthene	23.345	252	446874	12.296	ng/u1	100
93) Benzo(a)pyrene	24.015	252	256947	7.839	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.839	276	228878	5.395	ng/u1	95
95) Dibenzo(a,h)anthracene	26.839	278	59950	1.735	ng/u1#	82
96) Benzo(g,h,i)perylene	27.674	276	233818	6.688	ng/u1	98

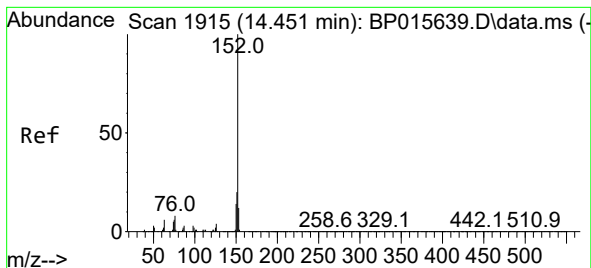
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.257 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNP_P

ClientSampleId :

DCF8

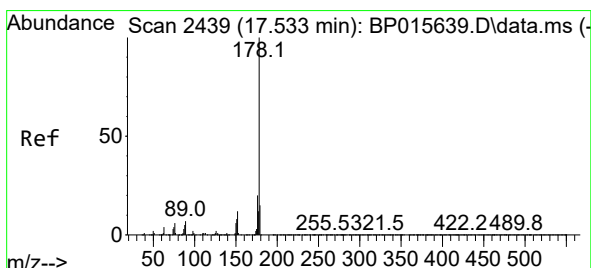
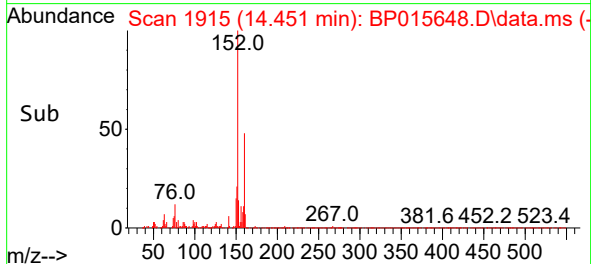
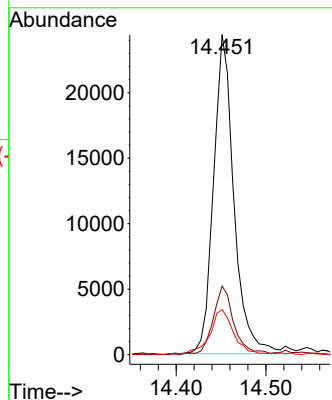
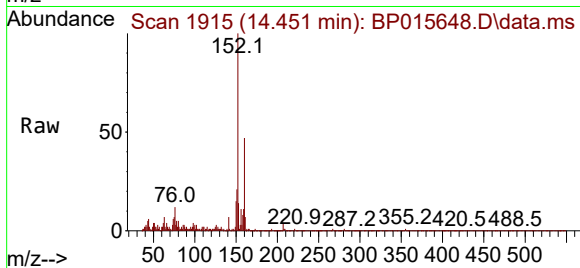
Tgt Ion:152 Resp: 38414

Ion Ratio Lower Upper

152 100

151 21.4 16.0 24.0

153 14.1 10.6 15.8



#72

Phenanthrene

Concen: 8.334 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

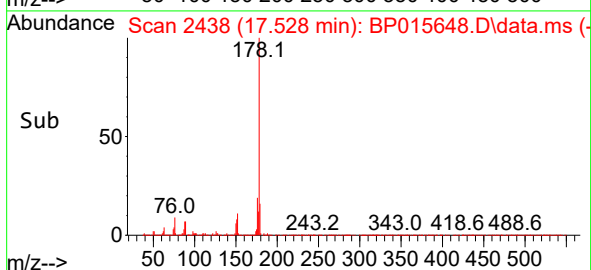
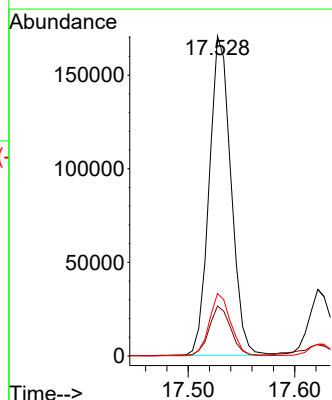
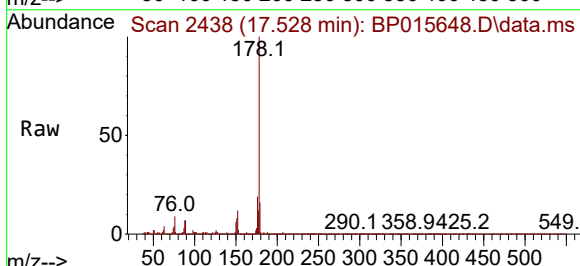
Tgt Ion:178 Resp: 242892

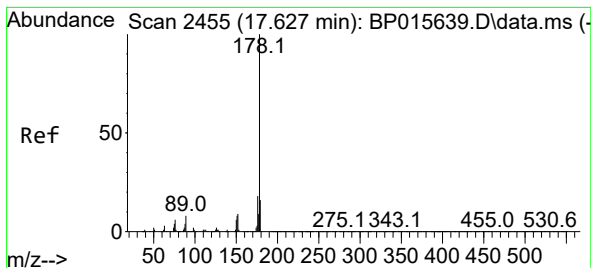
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.5 15.4 23.0





#74

Anthracene

Concen: 1.765 ng/ul

RT: 17.622 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8

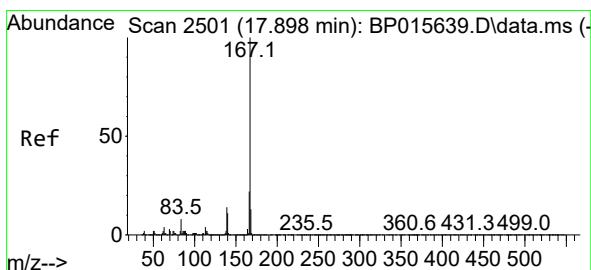
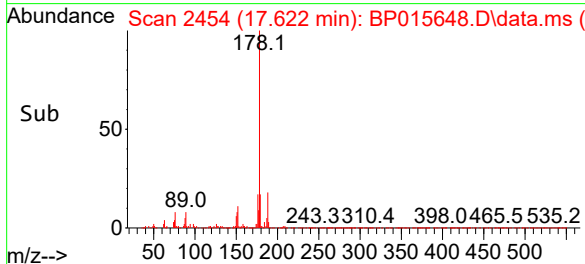
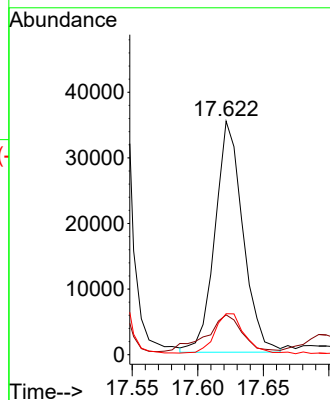
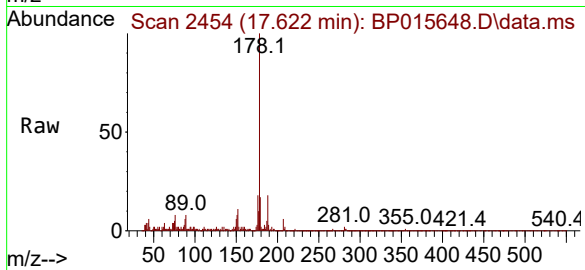
Tgt Ion:178 Resp: 52196

Ion Ratio Lower Upper

178 100

179 17.1 12.4 18.6

176 17.6 15.0 22.4



#77

Carbazole

Concen: 1.120 ng/ul

RT: 17.898 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

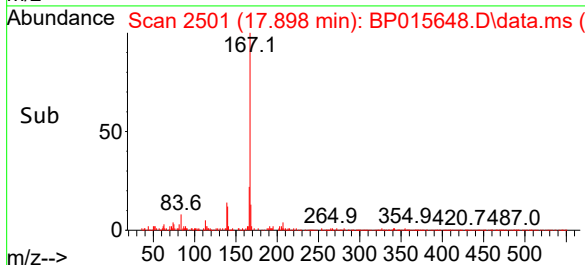
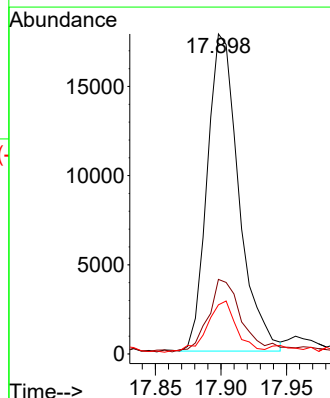
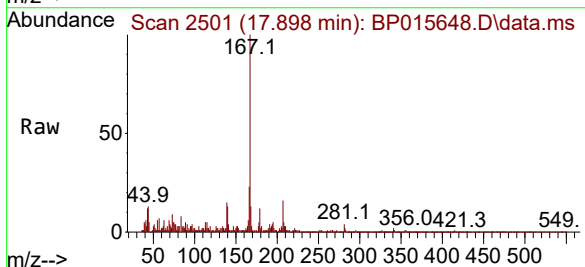
Tgt Ion:167 Resp: 29831

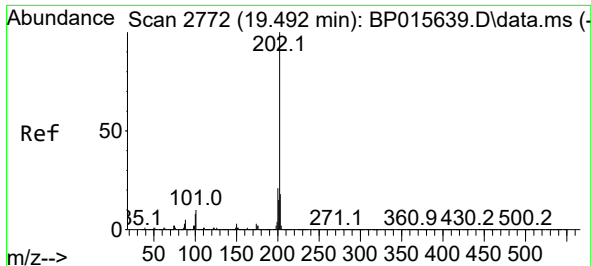
Ion Ratio Lower Upper

167 100

166 23.3 17.2 25.8

139 15.3 10.6 16.0

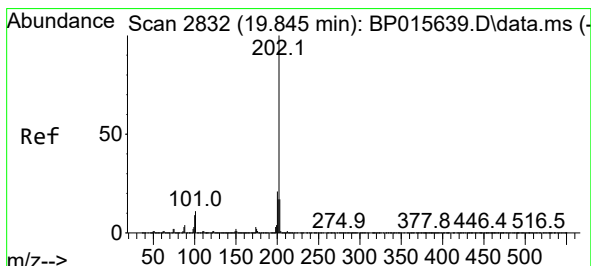
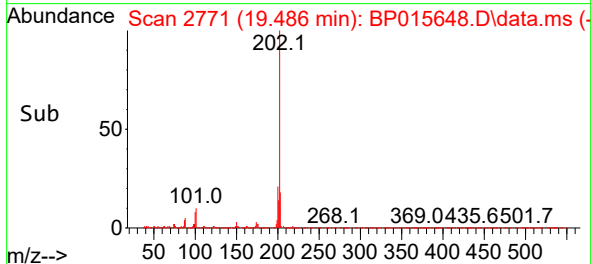
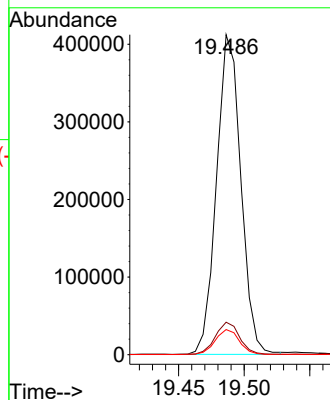
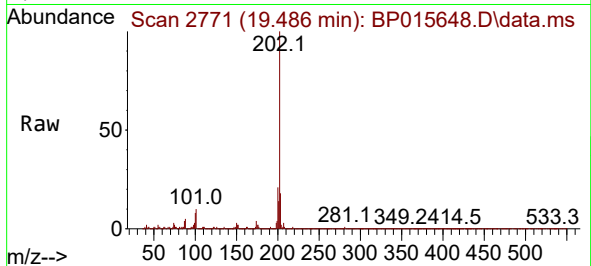




#80
Fluoranthene
Concen: 18.149 ng/ul
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

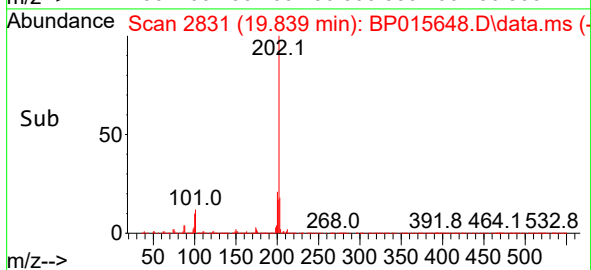
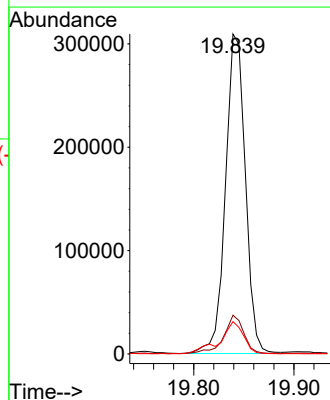
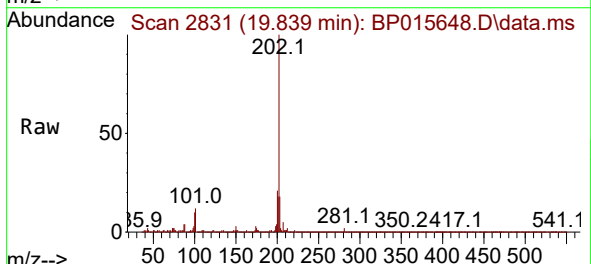
Instrument :
BNA_P
ClientSampleId :
DCFK8

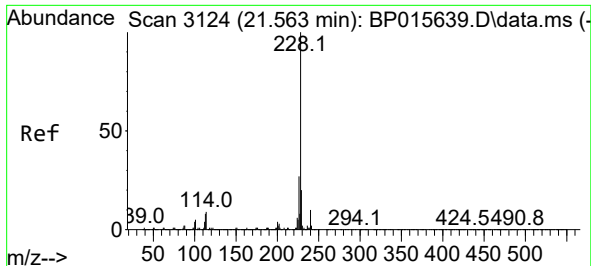
Tgt Ion:202 Resp: 530691
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 7.8 6.6 9.8



#82
Pyrene
Concen: 14.040 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Tgt Ion:202 Resp: 424748
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.1 8.4 12.6

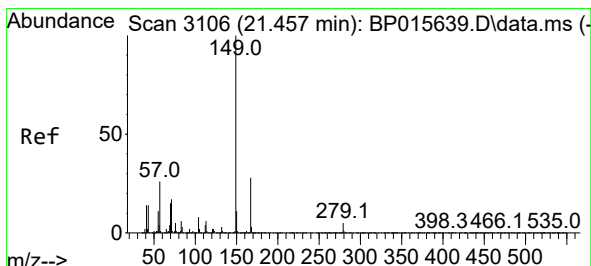
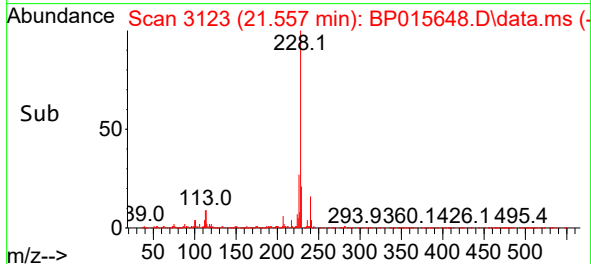
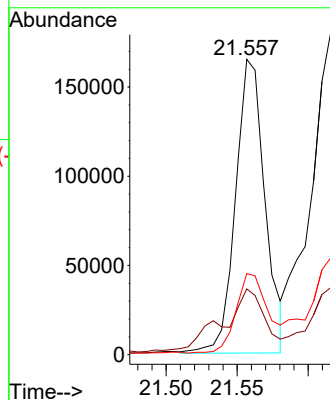
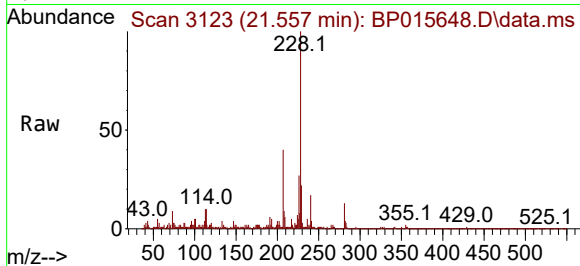




#85
Benzo(a)anthracene
Concen: 7.573 ng/ul
RT: 21.557 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

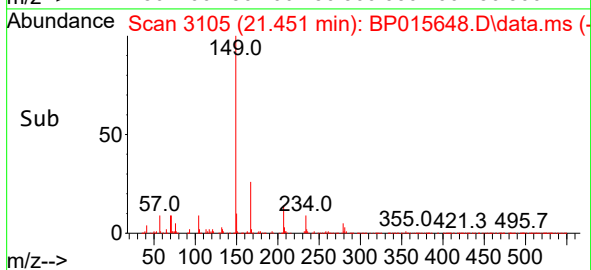
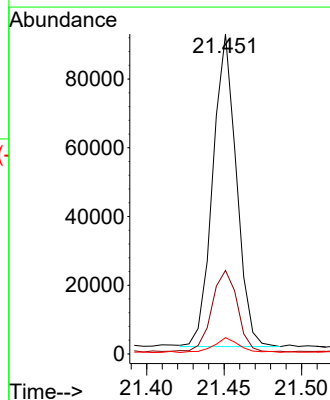
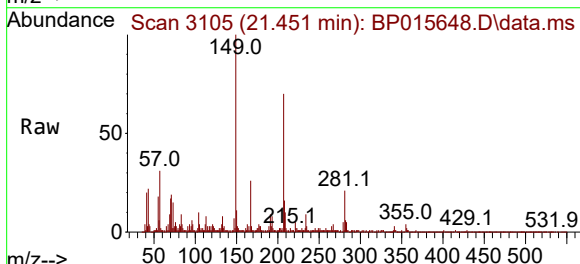
Instrument :
BNA_P
ClientSampleId :
DCFK8

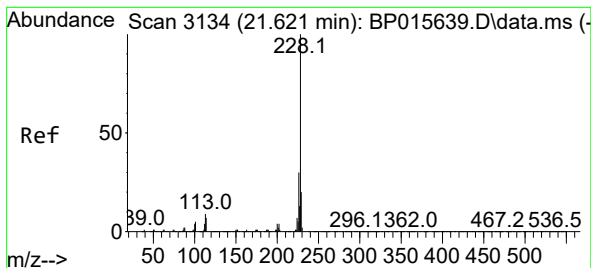
Tgt Ion:228 Resp: 237444
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 27.5 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.875 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015648.D
Acq: 22 Jun 2023 15:39

Tgt Ion:149 Resp: 96343
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 5.1 3.7 5.5





#87

Chrysene

Concen: 9.485 ng/ul

RT: 21.616 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8

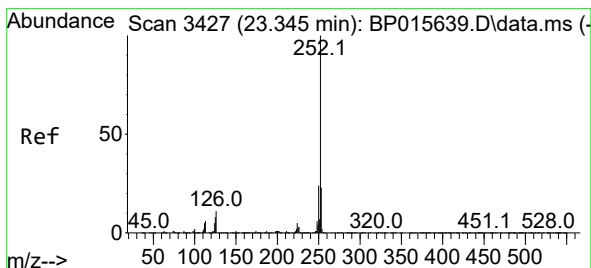
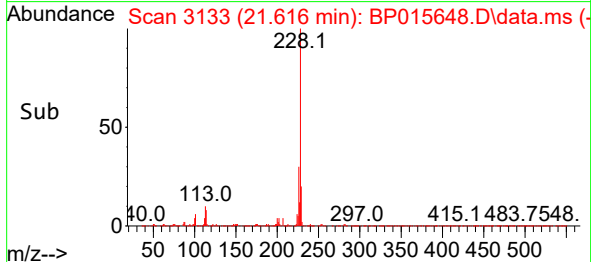
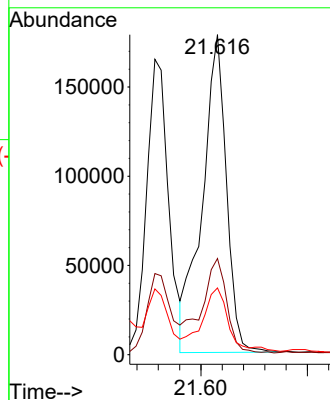
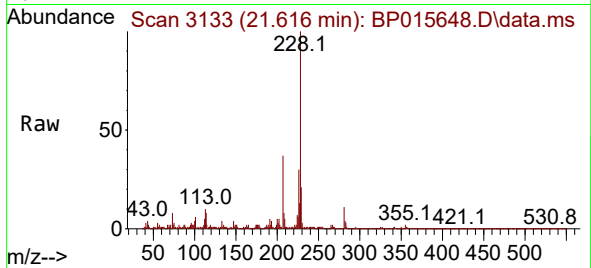
Tgt Ion:228 Resp: 281113

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 20.9 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 11.886 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

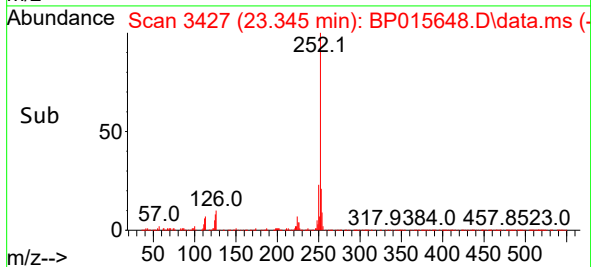
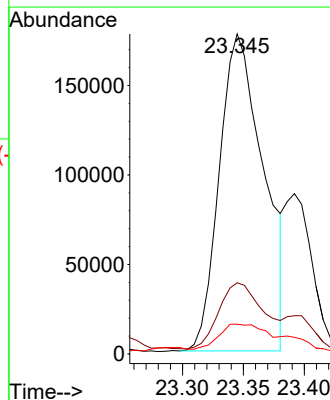
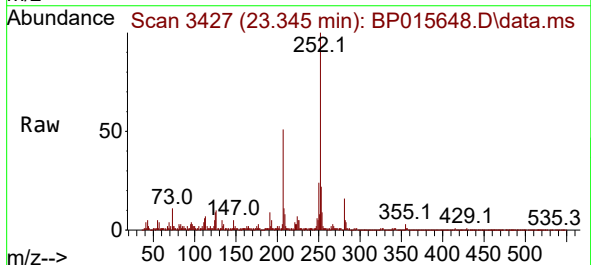
Tgt Ion:252 Resp: 446874

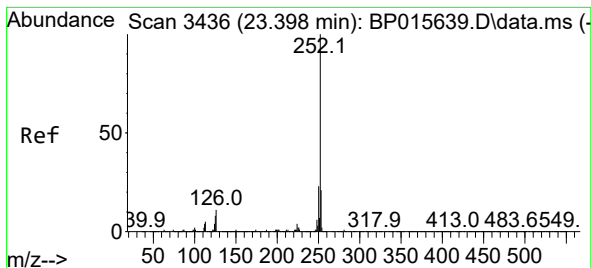
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 9.3 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 12.296 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

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ClientSampleId :

DCFK8

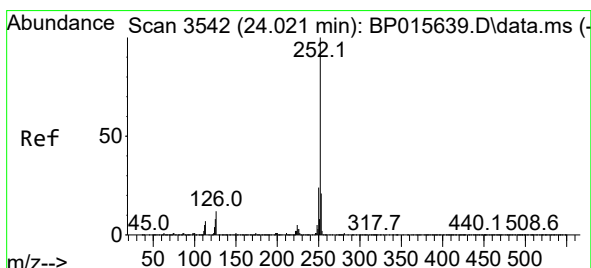
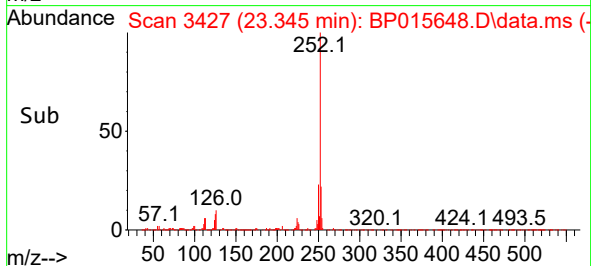
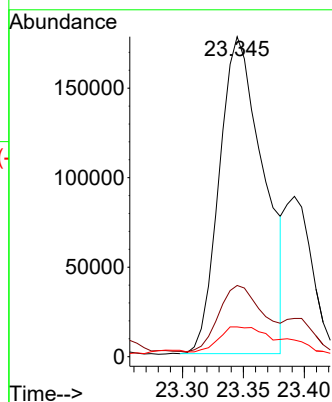
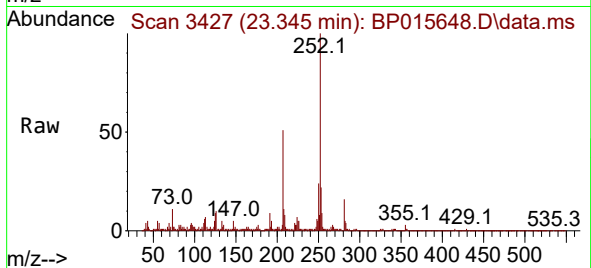
Tgt Ion:252 Resp: 446874

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.3 7.3 10.9



#93

Benzo(a)pyrene

Concen: 7.839 ng/ul

RT: 24.015 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

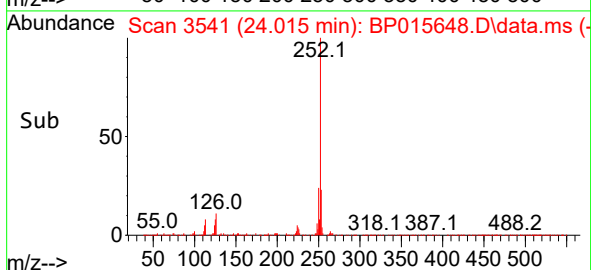
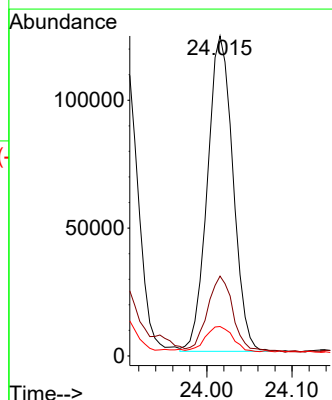
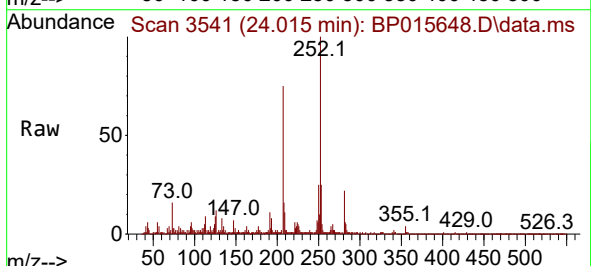
Tgt Ion:252 Resp: 256947

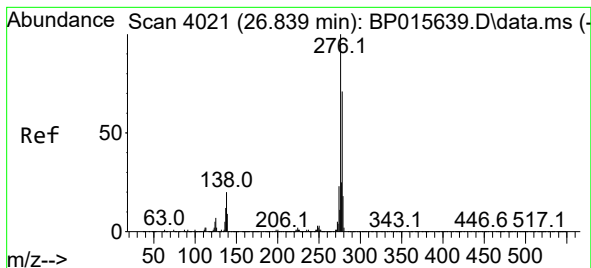
Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 9.2 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.395 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. 0.000 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8

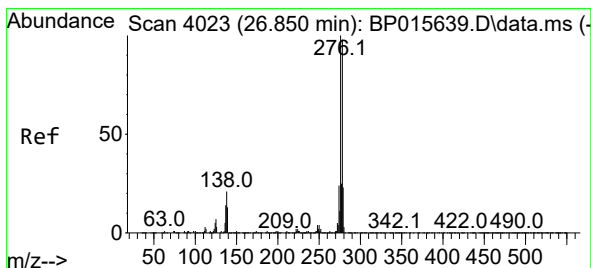
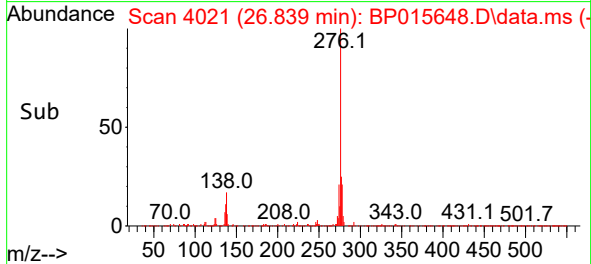
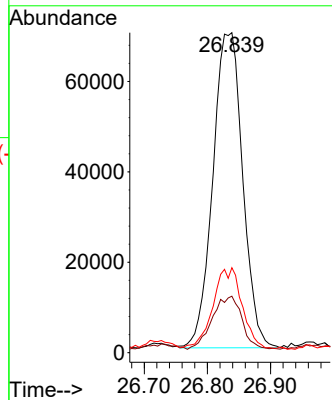
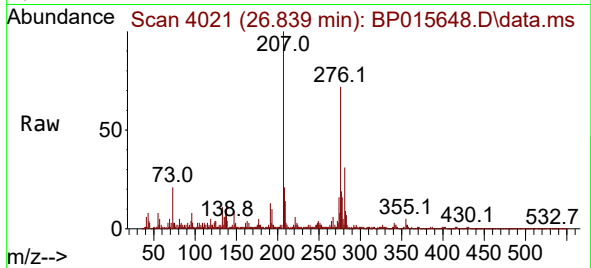
Tgt Ion:276 Resp: 228878

Ion Ratio Lower Upper

276 100

138 17.7 17.3 25.9

277 26.6 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 1.735 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.012 min

Lab File: BP015648.D

Acq: 22 Jun 2023 15:39

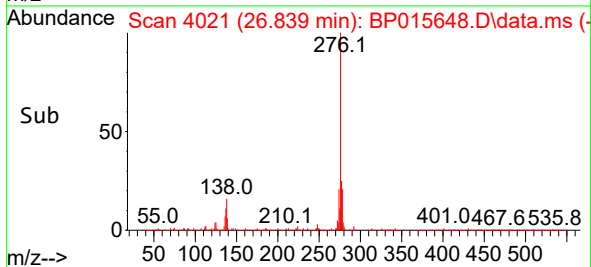
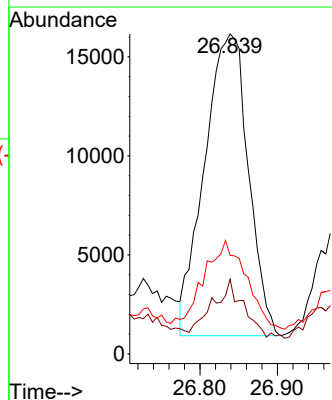
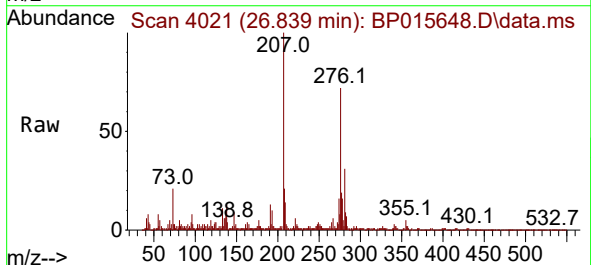
Tgt Ion:278 Resp: 59950

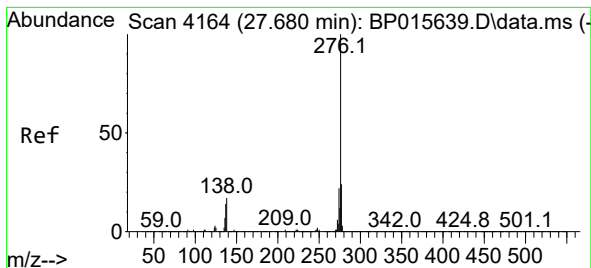
Ion Ratio Lower Upper

278 100

139 23.3 11.4 17.0#

279 30.8 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 6.688 ng/ul

RT: 27.674 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015648.D

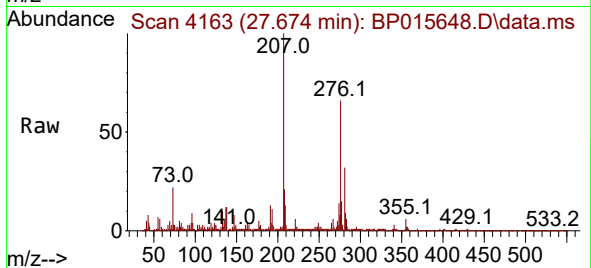
Acq: 22 Jun 2023 15:39

Instrument :

BNA_P

ClientSampleId :

DCFK8



Tgt Ion:276 Resp: 233818

Ion Ratio Lower Upper

276 100

138 18.2 15.6 23.4

277 23.1 19.0 28.6

