

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015787.D
 Acq On : 28 Jun 2023 20:04
 Operator : MA/JU
 Sample : 03142-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS7

Quant Time: Jun 29 02:31:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

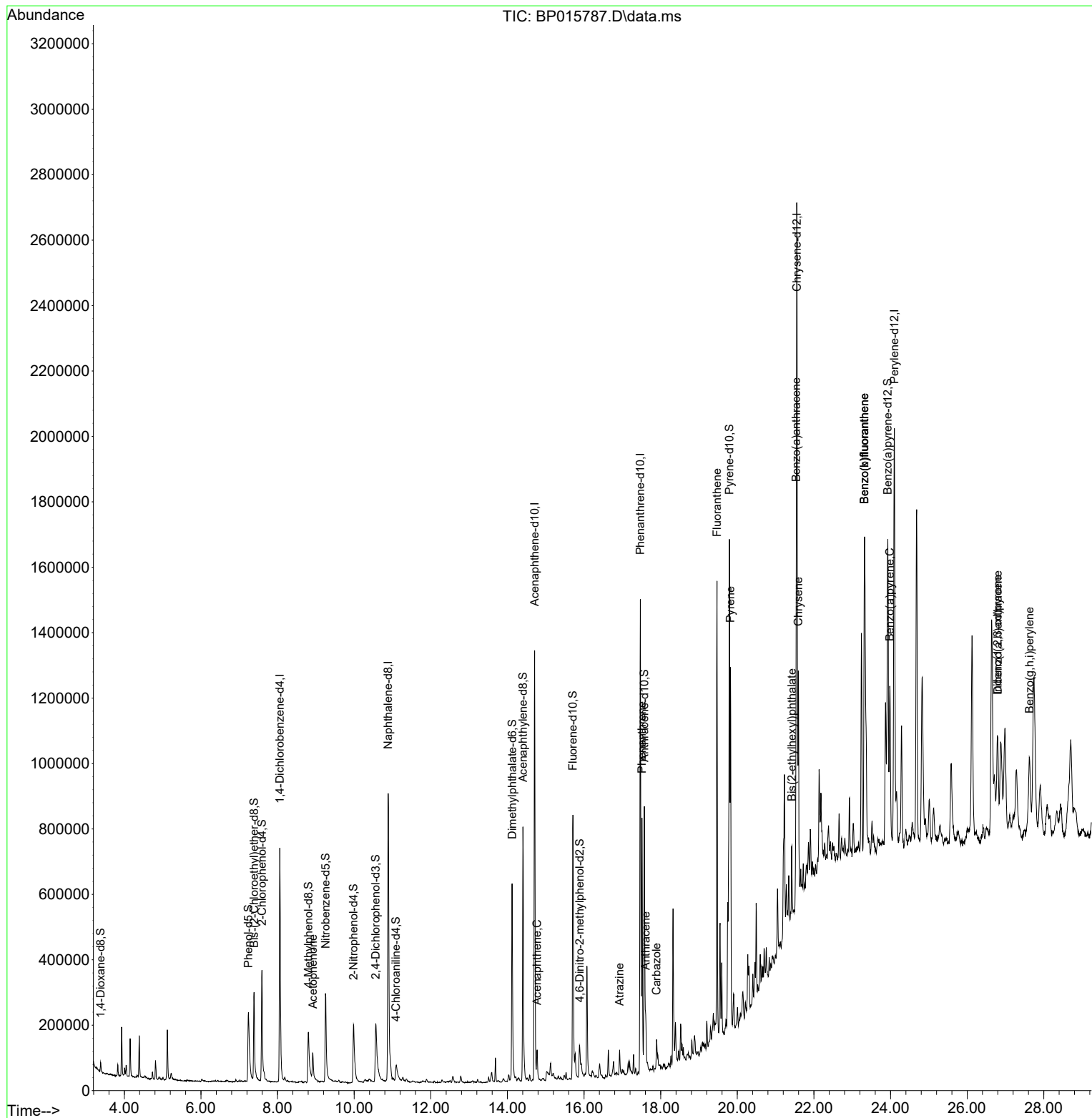
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	222038	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	846836	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	449747	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	876713	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	885765	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1058513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	14233	2.306	ng/uL	0.00
4) Pyridine-d5	3.828	84	1261	0.081	ng/ul	0.00
7) Phenol-d5	7.240	99	196270	10.331	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	152454	12.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	175176	12.215	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	103260	6.880	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	78969	12.202	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	87819	11.626	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.563	165	126365	9.388	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	50485	2.920	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	459154	13.209	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	513375	13.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	94	0.020	ng/ul	0.01
60) Fluorene-d10	15.710	176	372055	12.998	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.887	200	33525	6.218	ng/ul	0.03
73) Anthracene-d10	17.575	188	524316	13.093	ng/ul	0.00
81) Pyrene-d10	19.792	212	678271	11.727	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	722651	13.534	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	53287	2.160	ng/ul	98
52) Acenaphthene	14.775	153	36324	1.217	ng/ul	97
70) Atrazine	16.928	200	15701	1.563	ng/ul	98
72) Phenanthrene	17.510	178	467251	9.810	ng/ul	99
74) Anthracene	17.610	178	97138	2.030	ng/ul	98
77) Carbazole	17.892	167	65116	1.614	ng/ul	99
80) Fluoranthene	19.469	202	801067	11.144	ng/ul	96
82) Pyrene	19.822	202	654280	8.923	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	389421	6.250	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	72534	1.764	ng/ul	98
87) Chrysene	21.592	228	450242	7.616	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	690814	10.157	ng/ul#	96
91) Benzo(k)fluoranthene	23.316	252	690814	10.053	ng/ul#	95
93) Benzo(a)pyrene	23.980	252	421153	7.087	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.792	276	345730	4.285	ng/ul	99
95) Dibenzo(a,h)anthracene	26.798	278	96409	1.455	ng/ul#	89
96) Benzo(g,h,i)perylene	27.627	276	332237	5.006	ng/ul	97

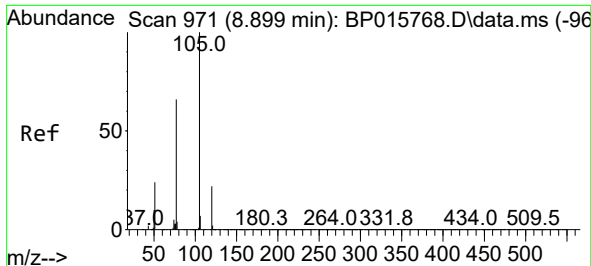
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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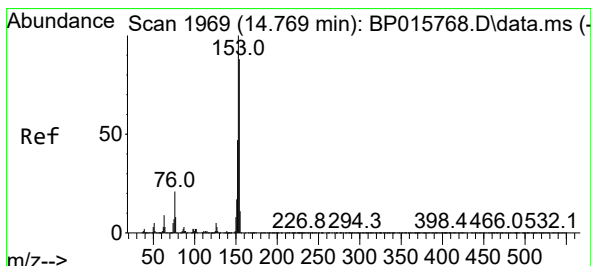
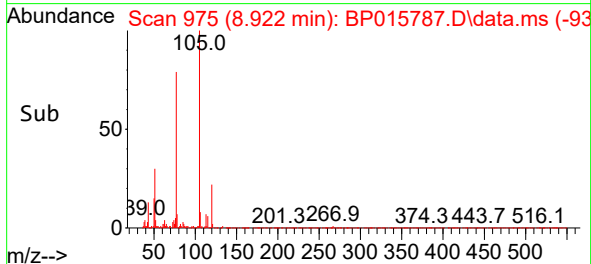
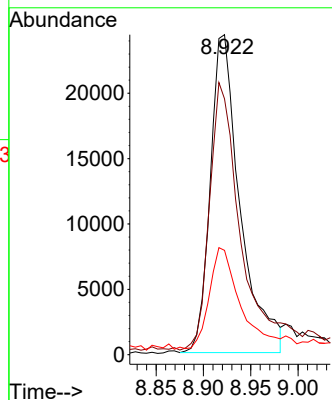
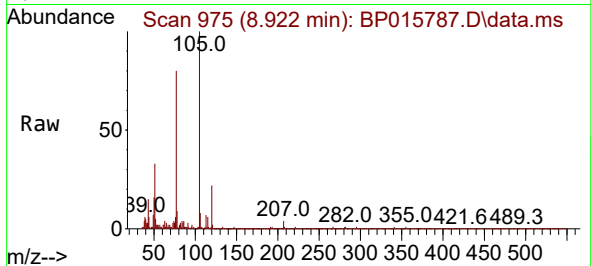




#16
Acetophenone
Concen: 2.160 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.023 min
Lab File: BP015787.D
Acq: 28 Jun 2023 20:04

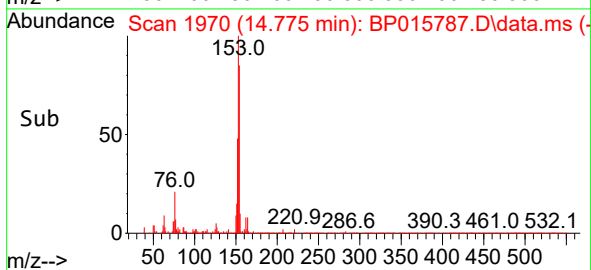
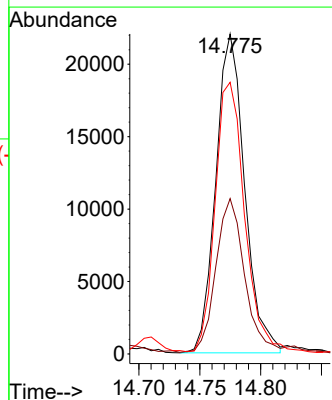
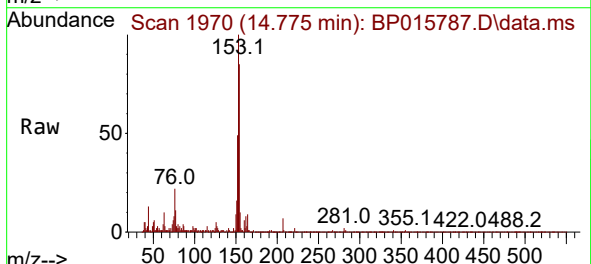
Instrument :
BNA_P
ClientSampleId :
DCFS7

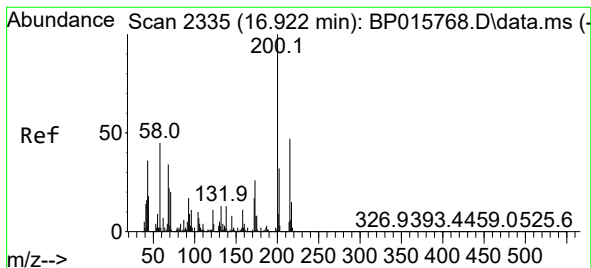
Tgt Ion:105 Resp: 53287
Ion Ratio Lower Upper
105 100
77 79.9 65.0 97.4
51 32.6 25.1 37.7



#52
Acenaphthene
Concen: 1.217 ng/ul
RT: 14.775 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015787.D
Acq: 28 Jun 2023 20:04

Tgt Ion:153 Resp: 36324
Ion Ratio Lower Upper
153 100
152 48.5 39.4 59.2
154 84.9 71.4 107.2





#70

Atrazine

Concen: 1.563 ng/ul

RT: 16.928 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

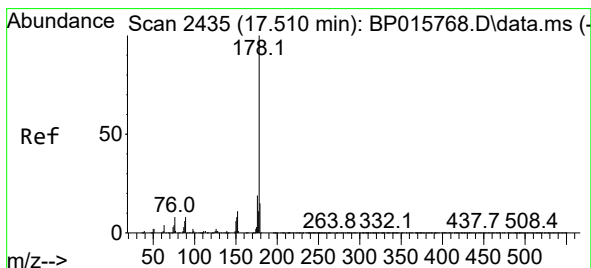
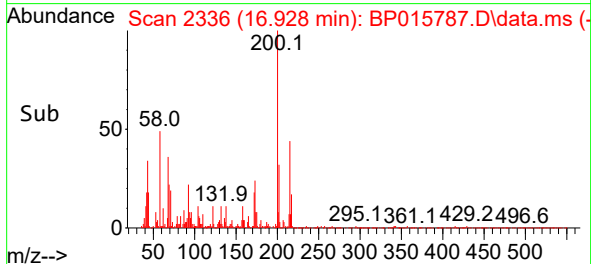
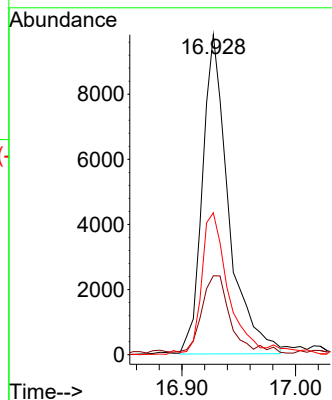
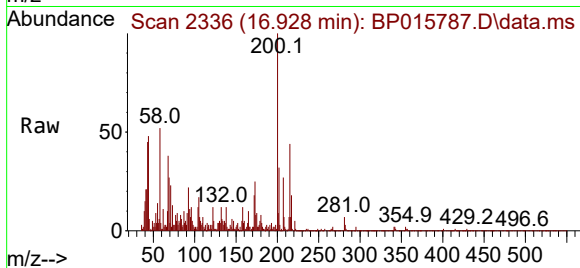
Tgt Ion:200 Resp: 15701

Ion Ratio Lower Upper

200 100

173 24.6 19.8 29.8

215 44.3 36.8 55.2



#72

Phenanthrene

Concen: 9.810 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

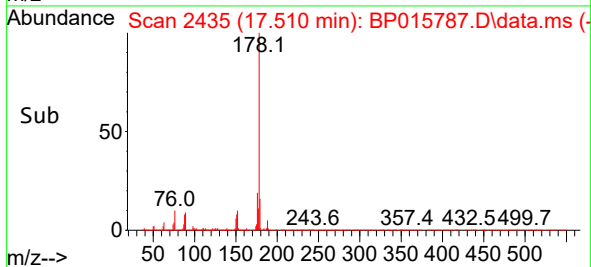
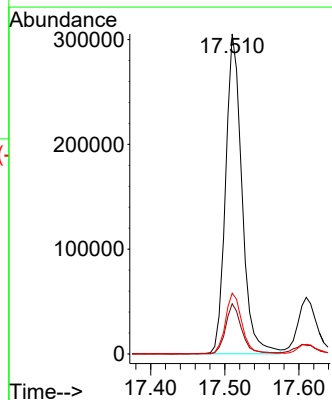
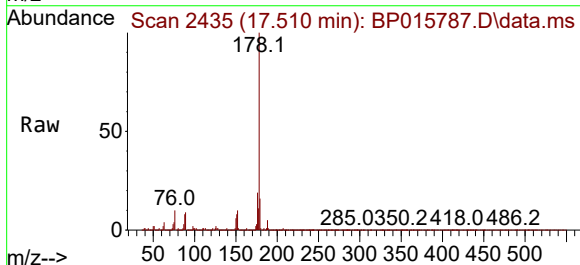
Tgt Ion:178 Resp: 467251

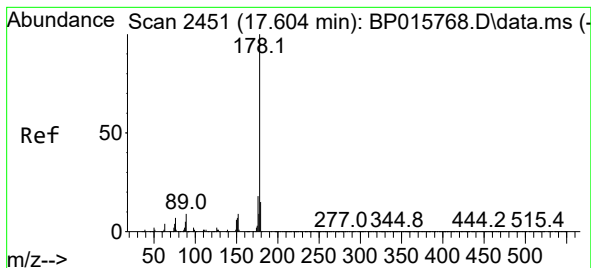
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.0 15.6 23.4





#74

Anthracene

Concen: 2.030 ng/ul

RT: 17.610 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

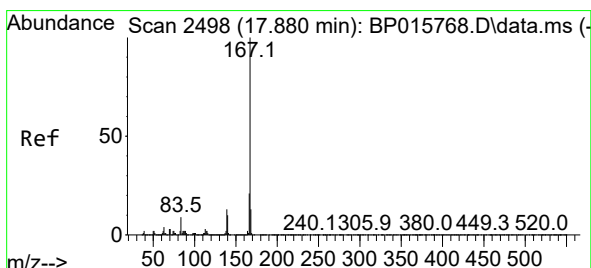
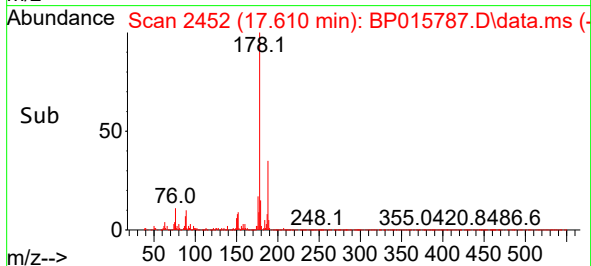
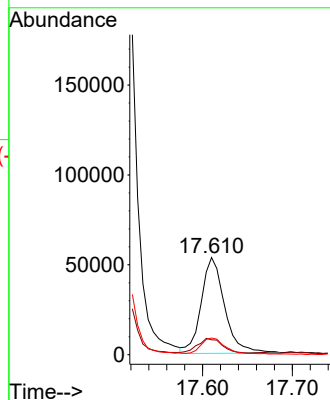
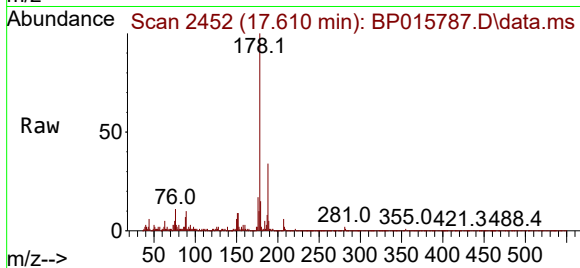
Tgt Ion:178 Resp: 97138

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 17.1 14.6 22.0



#77

Carbazole

Concen: 1.614 ng/ul

RT: 17.892 min Scan# 2500

Delta R.T. 0.012 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

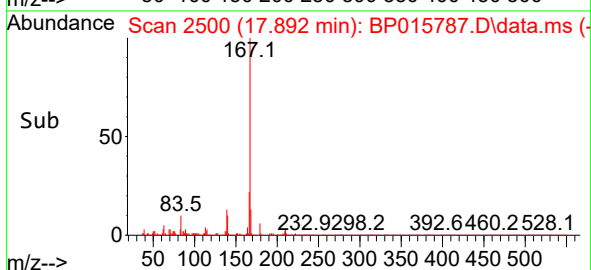
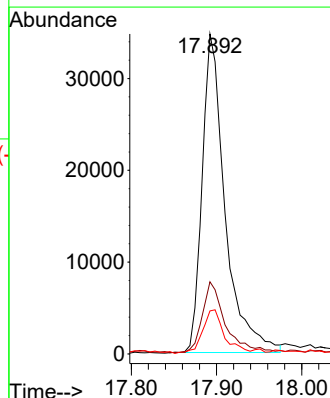
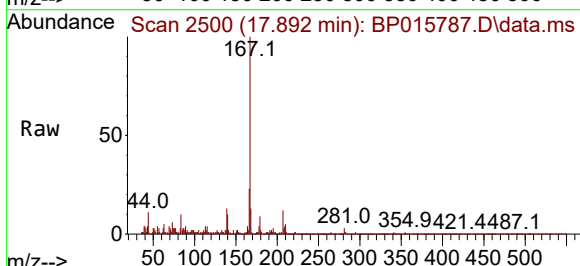
Tgt Ion:167 Resp: 65116

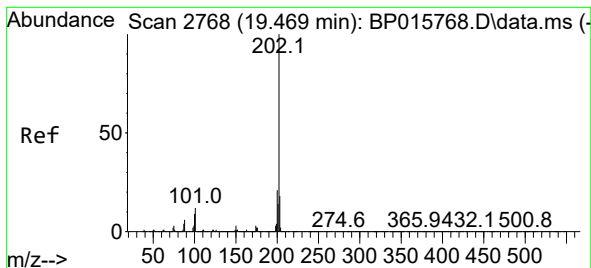
Ion Ratio Lower Upper

167 100

166 22.6 17.4 26.0

139 13.5 11.0 16.4





#80

Fluoranthene

Concen: 11.144 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

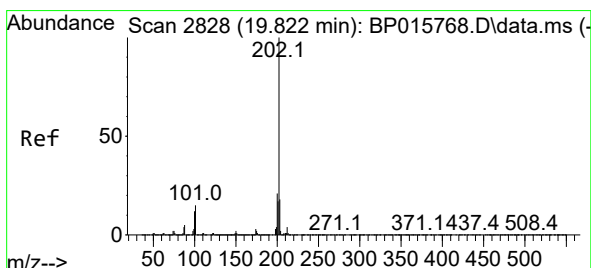
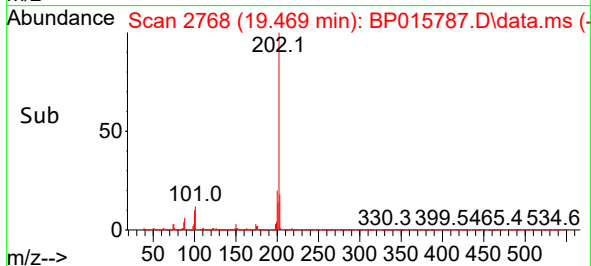
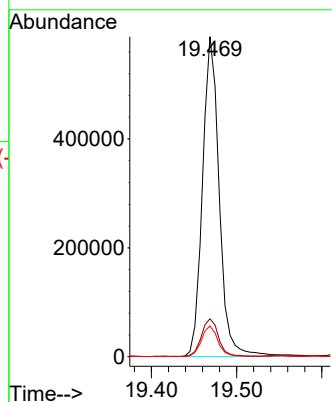
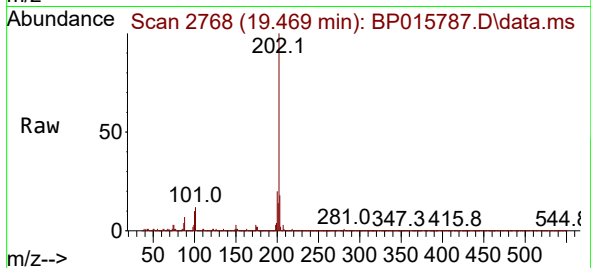
Tgt Ion:202 Resp: 801067

Ion Ratio Lower Upper

202 100

101 11.8 8.3 12.5

100 9.6 6.6 9.8



#82

Pyrene

Concen: 8.923 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

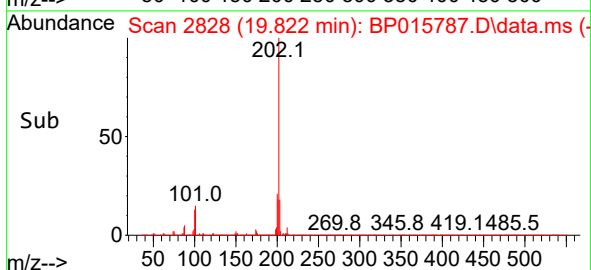
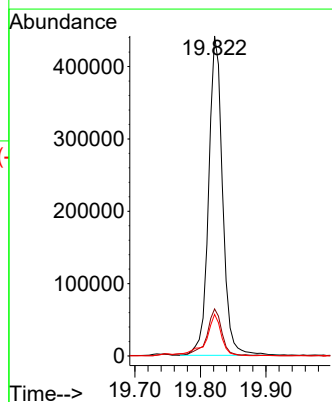
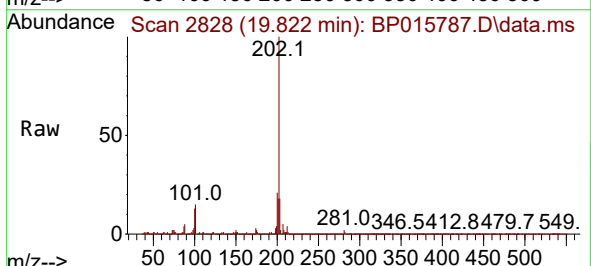
Tgt Ion:202 Resp: 654280

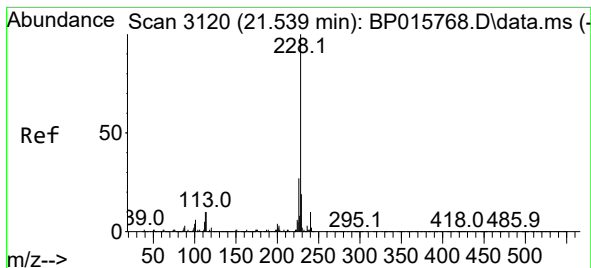
Ion Ratio Lower Upper

202 100

101 14.7 9.3 13.9#

100 13.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 6.250 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

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DCFS7

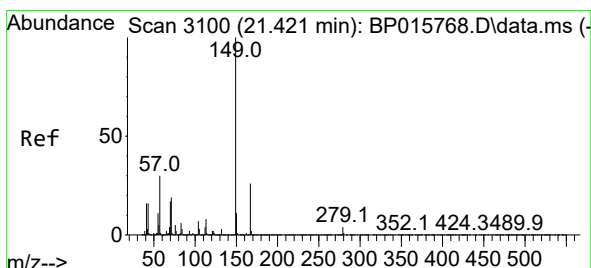
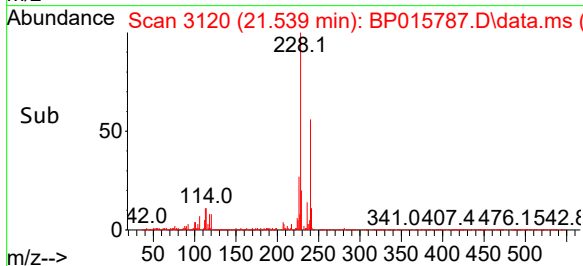
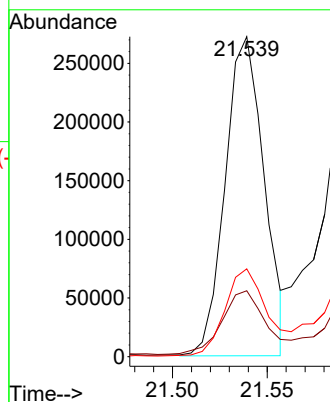
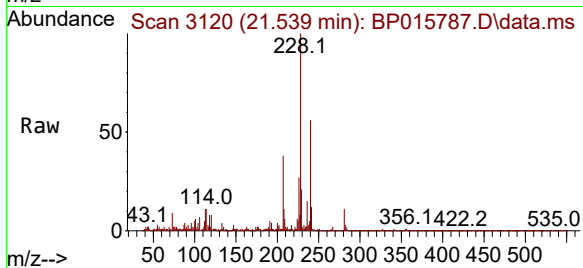
Tgt Ion:228 Resp: 389421

Ion Ratio Lower Upper

228 100

229 20.6 15.3 22.9

226 27.4 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.764 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

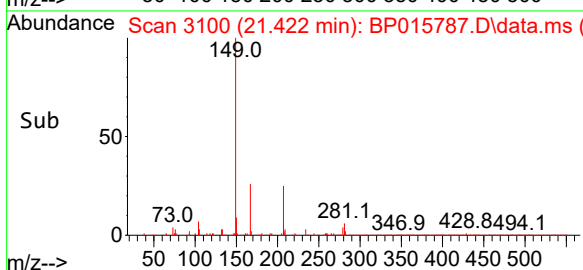
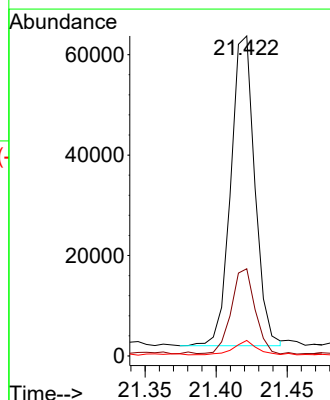
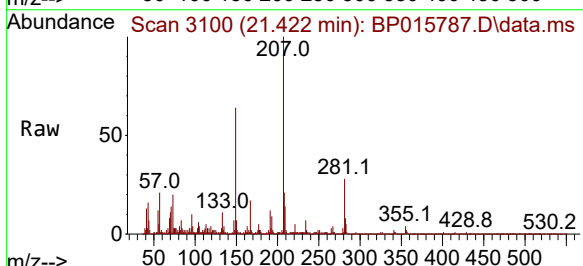
Tgt Ion:149 Resp: 72534

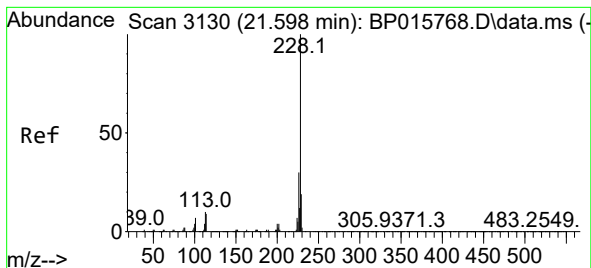
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.6

279 4.9 3.8 5.6





#87

Chrysene

Concen: 7.616 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

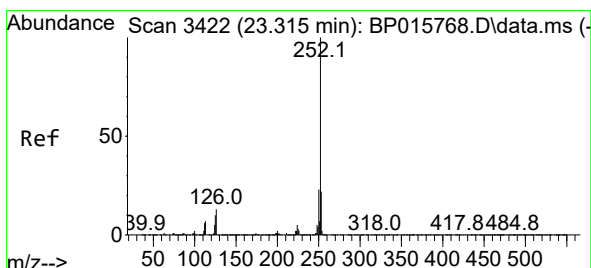
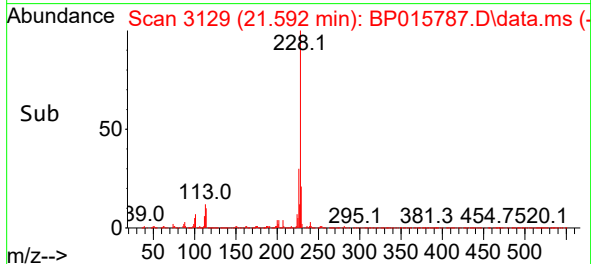
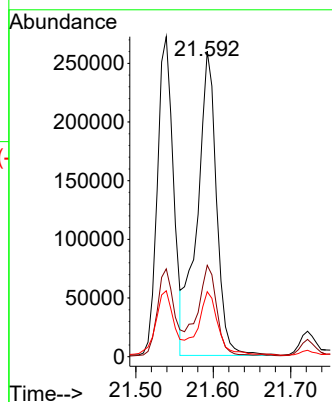
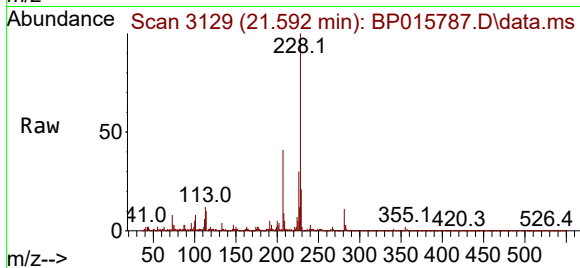
Tgt Ion:228 Resp: 450242

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 21.3 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 10.157 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

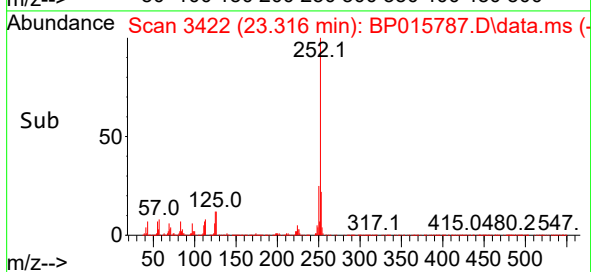
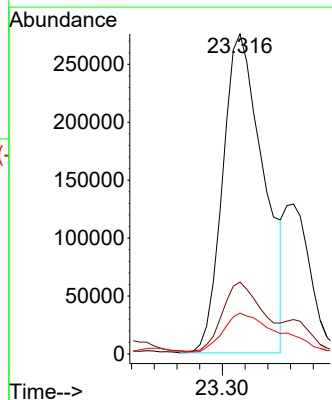
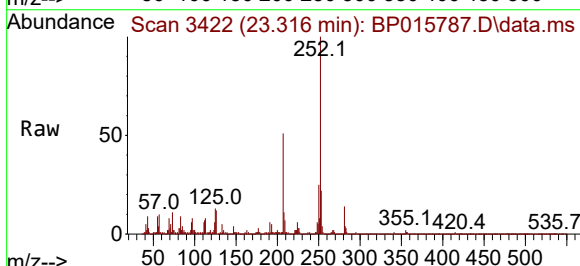
Tgt Ion:252 Resp: 690814

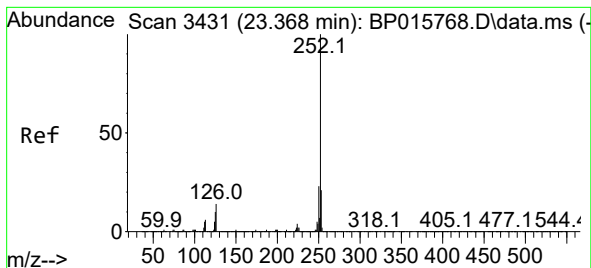
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 12.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 10.053 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

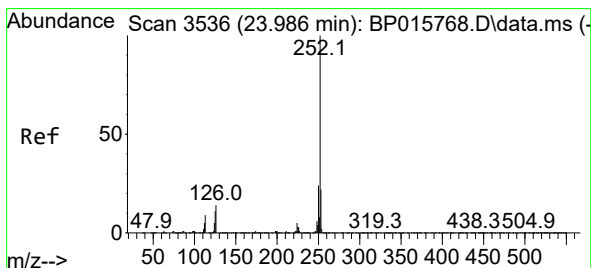
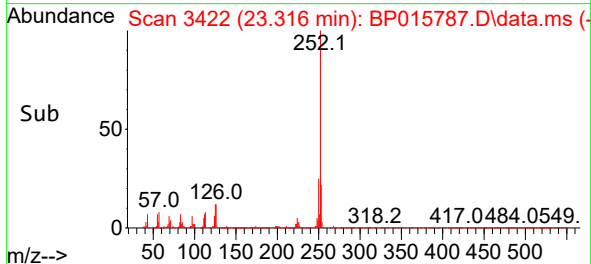
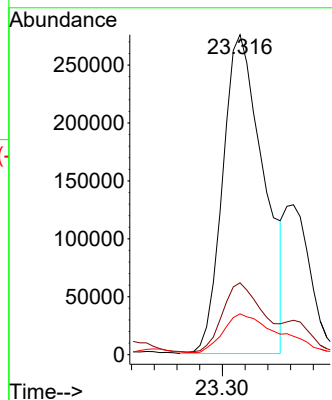
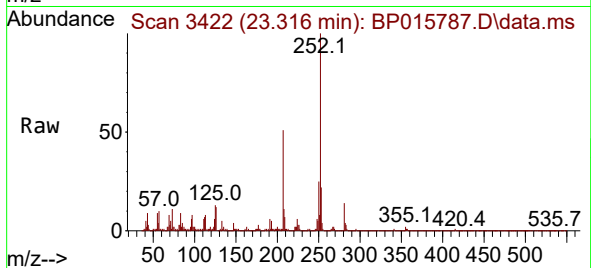
Tgt Ion:252 Resp: 690814

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 12.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 7.087 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

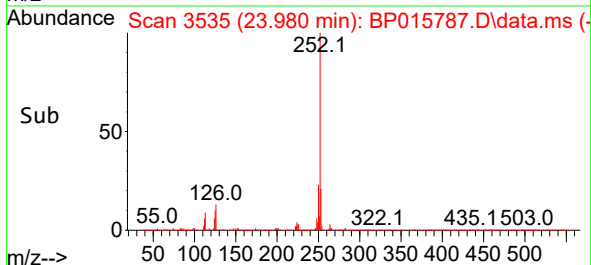
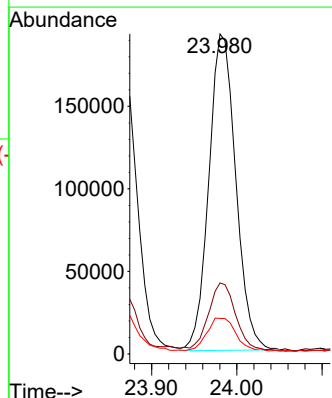
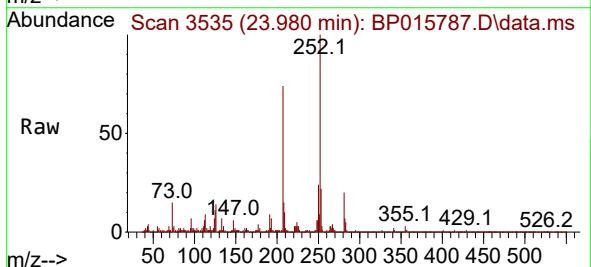
Tgt Ion:252 Resp: 421153

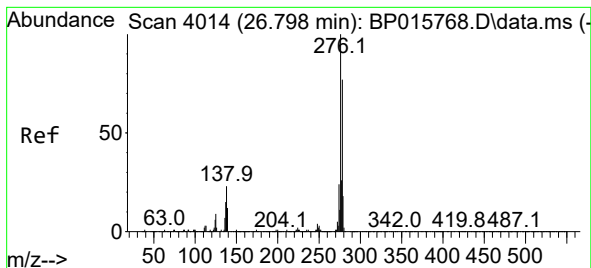
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.1 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.285 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7

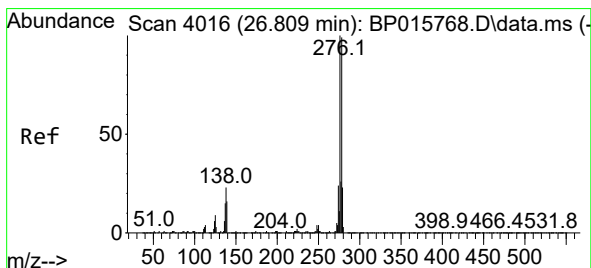
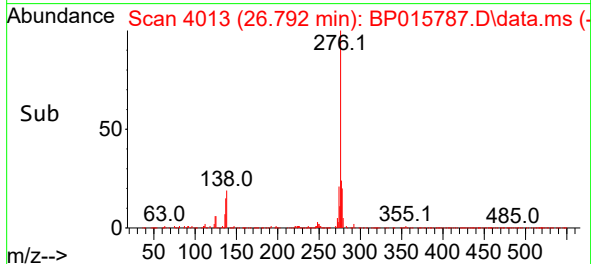
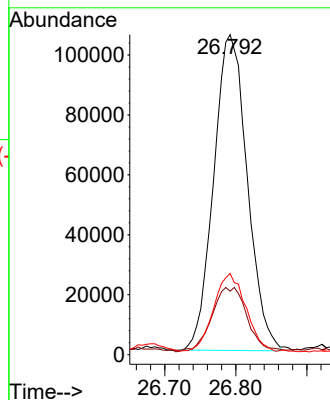
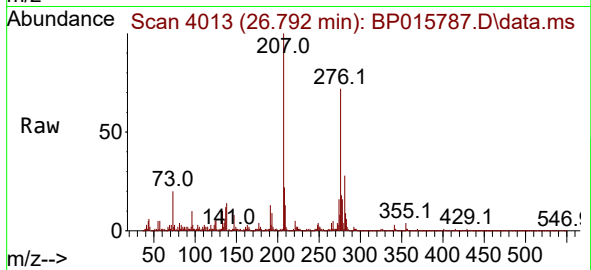
Tgt Ion:276 Resp: 345730

Ion Ratio Lower Upper

276 100

138 19.8 15.7 23.5

277 25.4 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.455 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015787.D

Acq: 28 Jun 2023 20:04

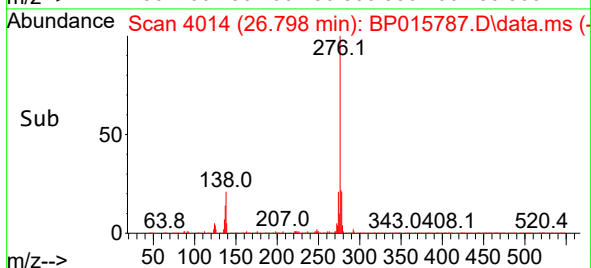
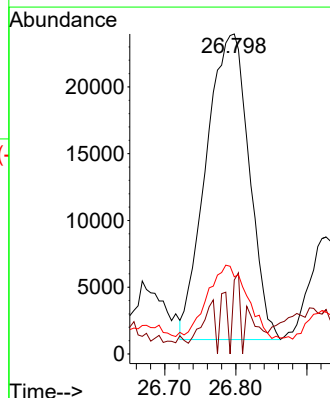
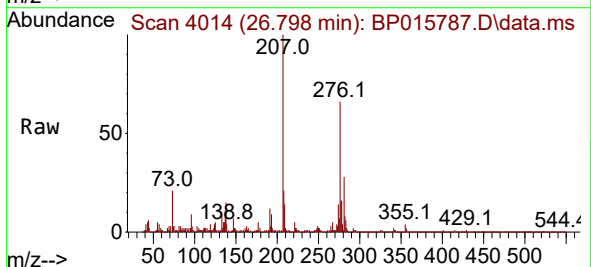
Tgt Ion:278 Resp: 96409

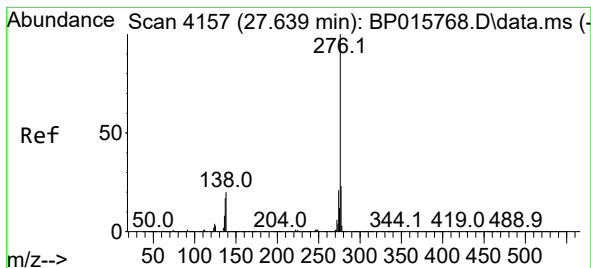
Ion Ratio Lower Upper

278 100

139 23.1 10.5 15.7#

279 24.1 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 5.006 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015787.D

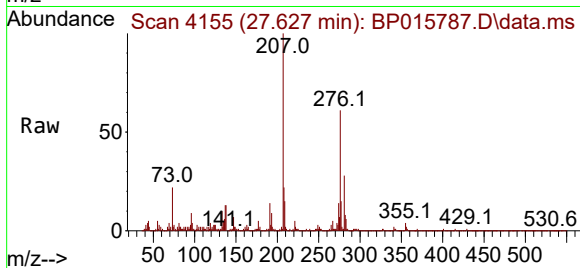
Acq: 28 Jun 2023 20:04

Instrument :

BNA_P

ClientSampleId :

DCFS7



Tgt Ion:276 Resp: 332237

Ion Ratio Lower Upper

276 100

138 21.2 15.1 22.7

277 23.9 18.8 28.2

