

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015610.D
 Acq On : 19 Jun 2023 18:55
 Operator : MA/JU
 Sample : 03080-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ4

Quant Time: Jun 19 22:28:11 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)

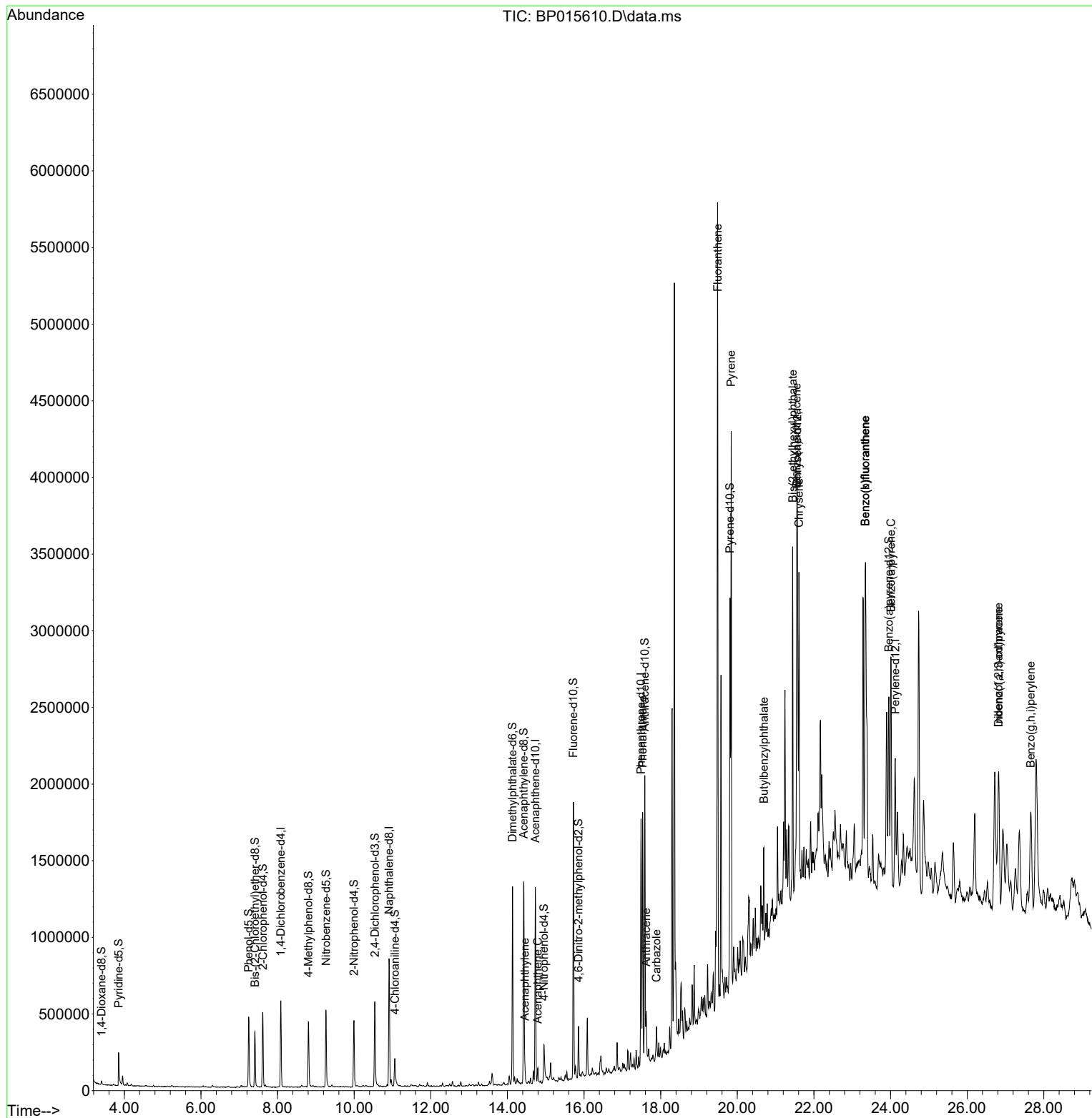
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	146073	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	648634	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	408908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	907110	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	655588	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	683128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	11810	2.994	ng/uL	0.00
4) Pyridine-d5	3.852	84	119002	11.614	ng/u1	0.00
7) Phenol-d5	7.246	99	257524	19.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	164957	20.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	209889	21.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	159499	14.441	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	111673	21.929	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	129189	22.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	215696	20.332	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	122808	8.065	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	753856	23.379	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	845495	23.980	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	78024	13.512	ng/u1	0.02
60) Fluorene-d10	15.722	176	644549	23.704	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	67277	11.707	ng/u1	0.00
73) Anthracene-d10	17.586	188	986082	23.892	ng/u1	0.00
81) Pyrene-d10	19.810	212	1100690	31.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	838695	24.468	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.457	152	71979	1.843	ng/u1	99
52) Acenaphthene	14.792	153	32333	1.198	ng/u1	99
72) Phenanthrene	17.528	178	921901	18.938	ng/u1	99
74) Anthracene	17.622	178	199477	4.039	ng/u1	99
77) Carbazole	17.892	167	130448	2.933	ng/u1	97
80) Fluoranthene	19.486	202	2407894	56.337	ng/u1	99
82) Pyrene	19.839	202	2025703	45.811	ng/u1	99
83) Butylbenzylphthalate	20.692	149	172739	8.838	ng/u1	97
85) Benzo(a)anthracene	21.551	228	1083844	23.649	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	731528	25.323	ng/u1	99
87) Chrysene	21.610	228	1171639	27.046	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	1737681	39.407	ng/u1	97
91) Benzo(k)fluoranthene	23.339	252	1737681	40.766	ng/u1	98
93) Benzo(a)pyrene	24.010	252	1190772	30.973	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	1023284	20.567	ng/u1	95
95) Dibenzo(a,h)anthracene	26.821	278	265005	6.538	ng/u1#	78
96) Benzo(g,h,i)perylene	27.662	276	946172	23.076	ng/u1	98

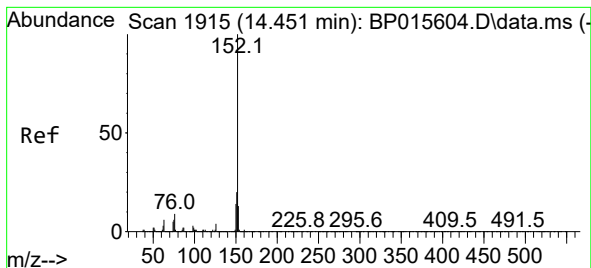
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.843 ng/ul

RT: 14.457 min Scan# 1915

Delta R.T. 0.006 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

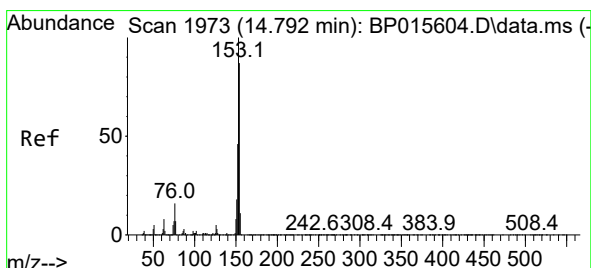
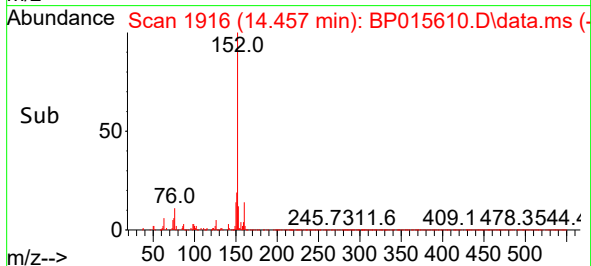
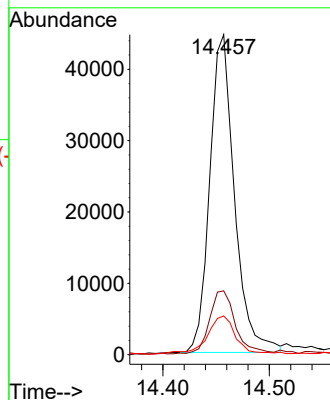
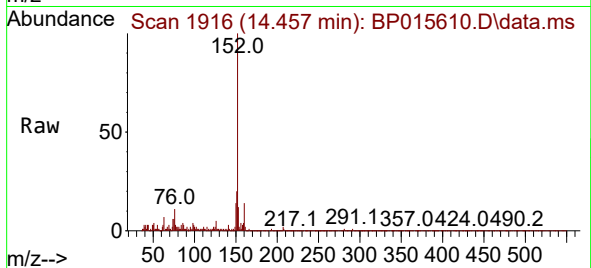
Tgt Ion:152 Resp: 71979

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 12.1 10.6 15.8



#52

Acenaphthene

Concen: 1.198 ng/ul

RT: 14.792 min Scan# 1973

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

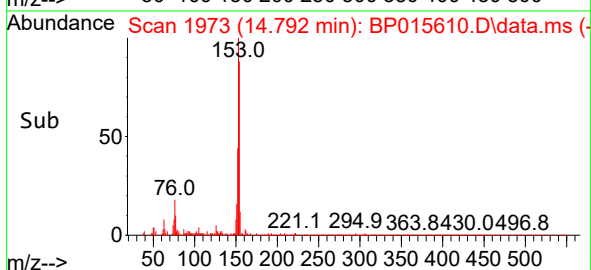
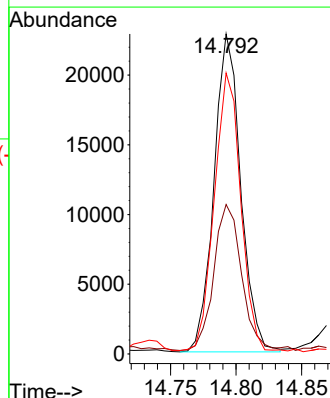
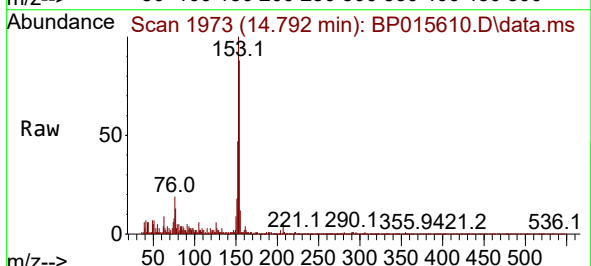
Tgt Ion:153 Resp: 32333

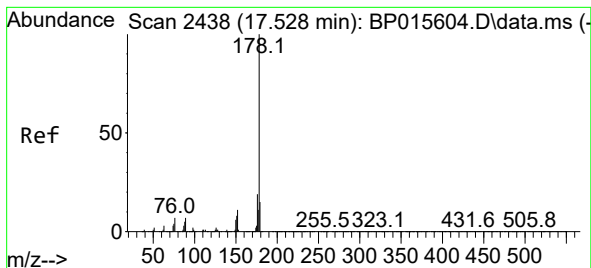
Ion Ratio Lower Upper

153 100

152 46.7 38.3 57.5

154 87.8 69.8 104.6





#72

Phenanthrene

Concen: 18.938 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

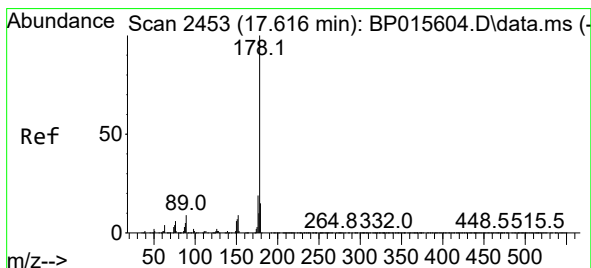
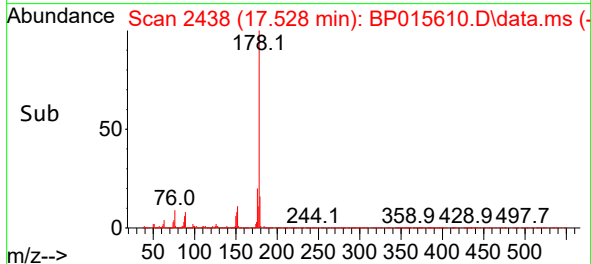
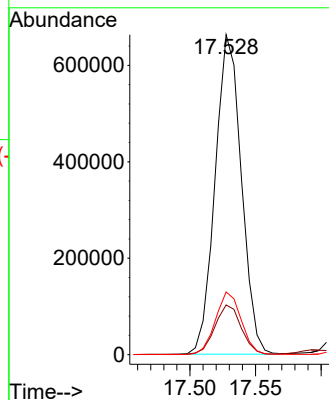
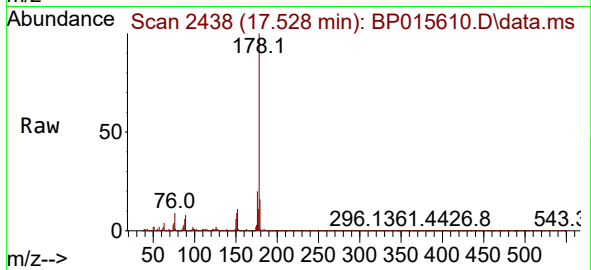
Tgt Ion:178 Resp: 921901

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.6 15.4 23.0



#74

Anthracene

Concen: 4.039 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

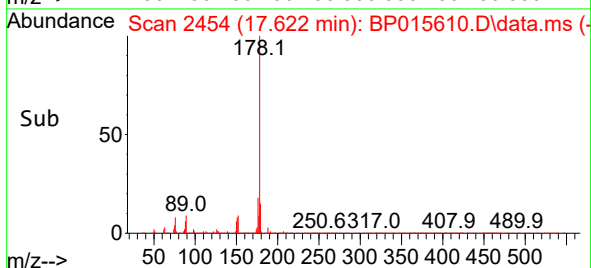
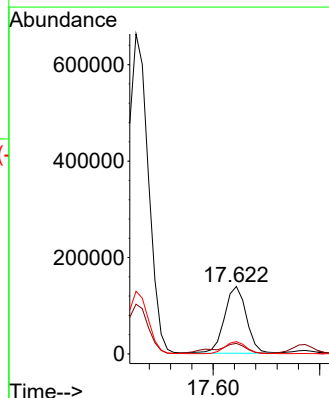
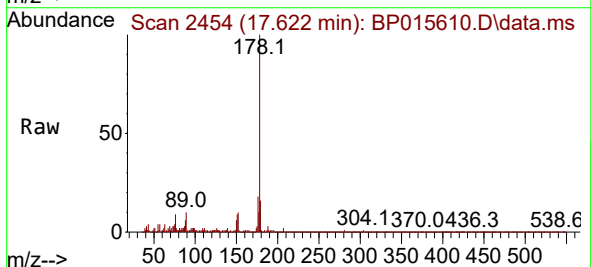
Tgt Ion:178 Resp: 199477

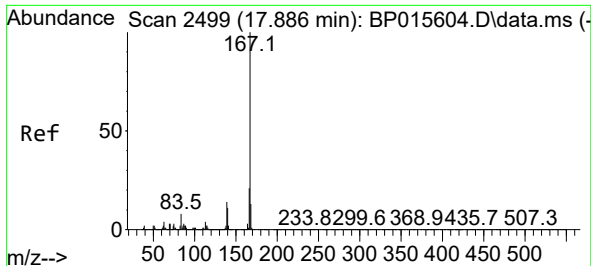
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.3 15.0 22.4

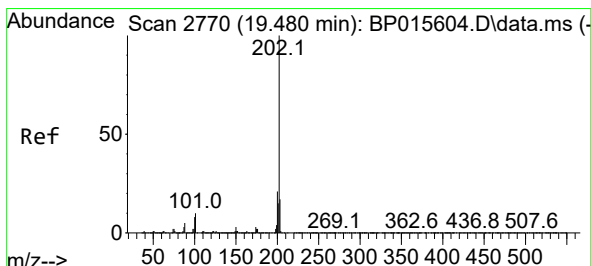
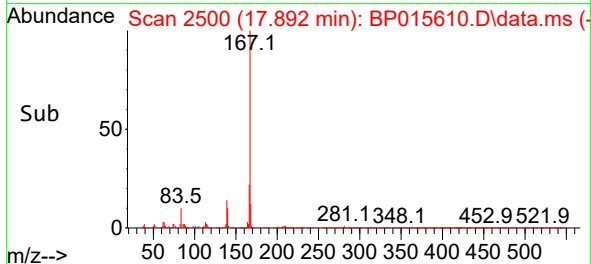
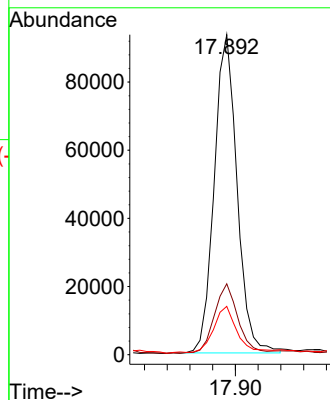
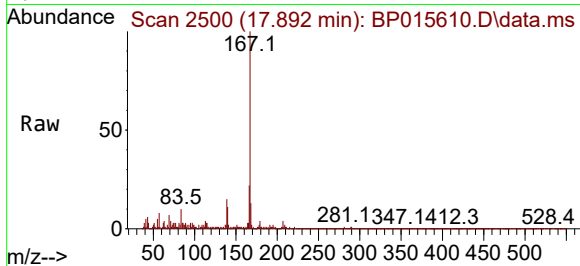




#77
 Carbazole
 Concen: 2.933 ng/ul
 RT: 17.892 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP015610.D
 Acq: 19 Jun 2023 18:55

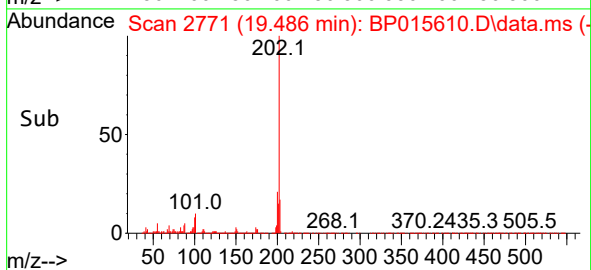
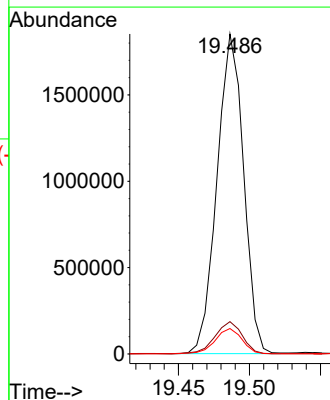
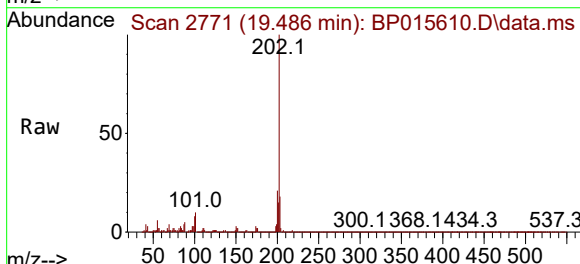
Instrument :
 BNA_P
 ClientSampleId :
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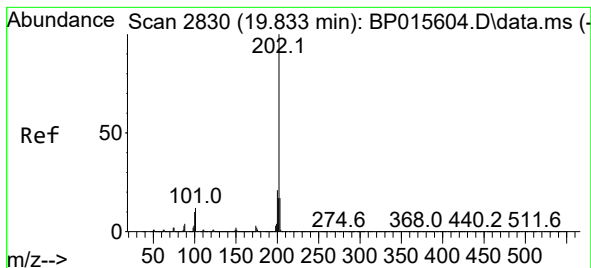
Tgt Ion:167 Resp: 130448
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 15.1 10.6 16.0



#80
 Fluoranthene
 Concen: 56.337 ng/ul
 RT: 19.486 min Scan# 2771
 Delta R.T. -0.000 min
 Lab File: BP015610.D
 Acq: 19 Jun 2023 18:55

Tgt Ion:202 Resp: 2407894
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.6 13.0
 100 7.9 6.6 9.8





#82

Pyrene

Concen: 45.811 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

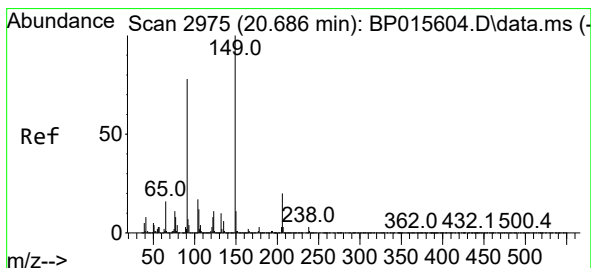
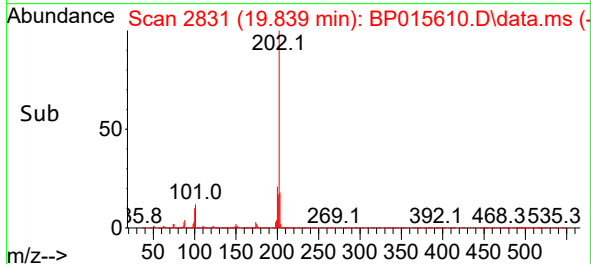
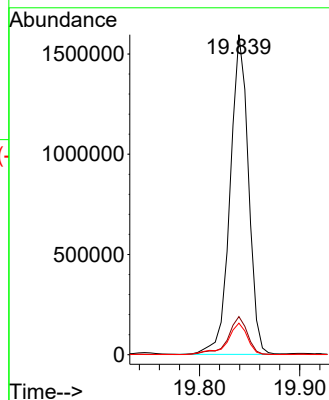
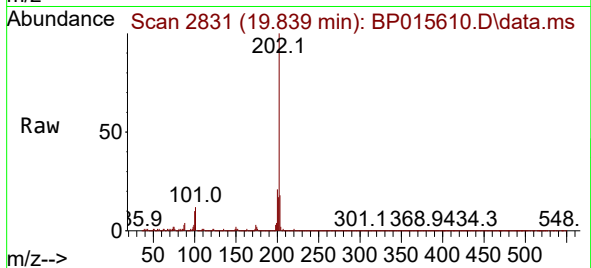
Tgt Ion:202 Resp: 2025703

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

100 9.9 8.4 12.6



#83

Butylbenzylphthalate

Concen: 8.838 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

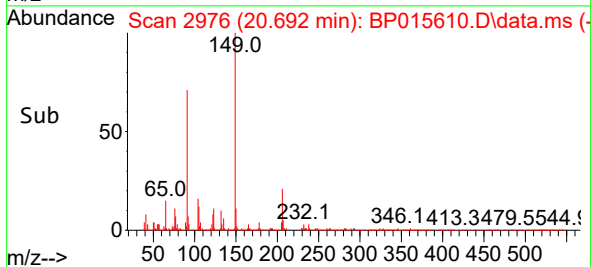
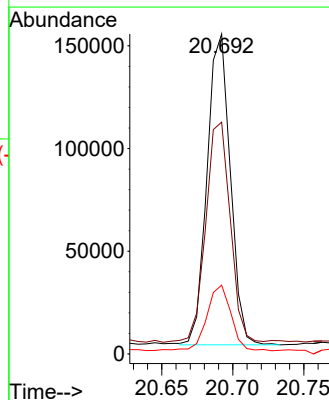
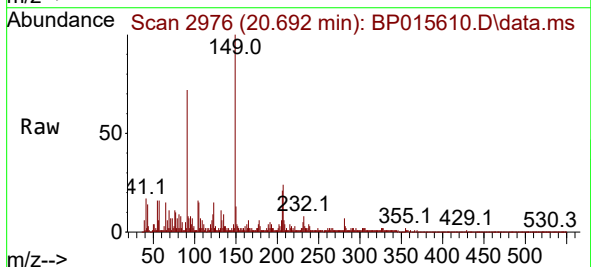
Tgt Ion:149 Resp: 172739

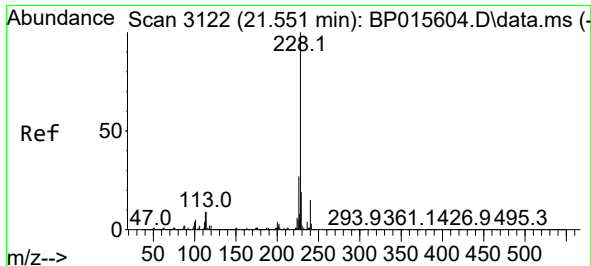
Ion Ratio Lower Upper

149 100

91 72.5 60.4 90.6

206 21.5 16.4 24.6

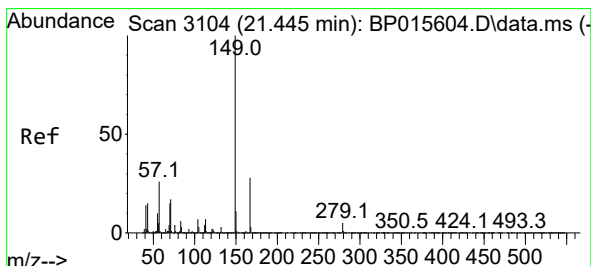
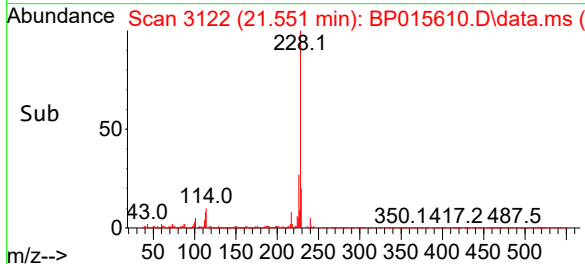
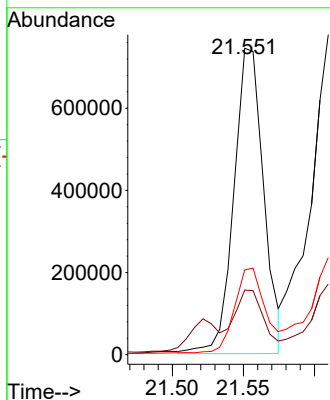
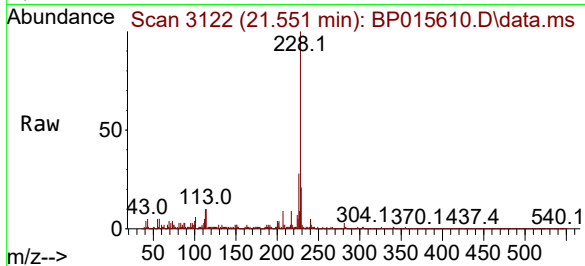




#85
Benzo(a)anthracene
Concen: 23.649 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

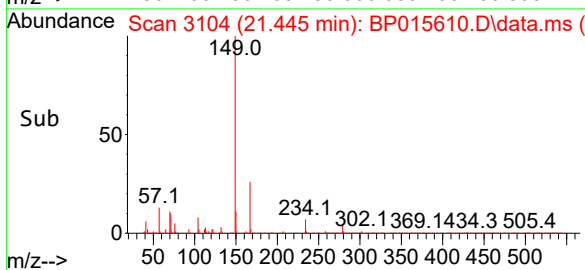
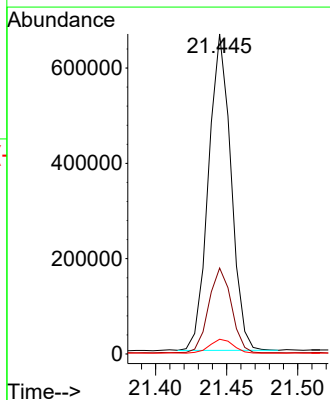
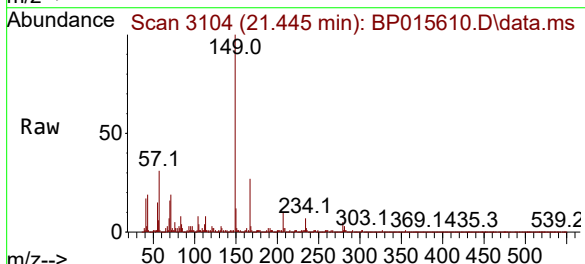
Instrument :
BNA_P
ClientSampleId :
DCFJ4

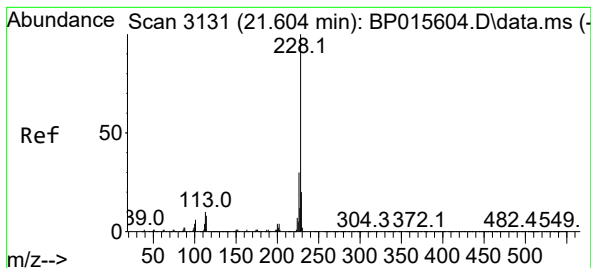
Tgt Ion:228 Resp: 1083844
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 27.7 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.323 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Tgt Ion:149 Resp: 731528
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.6 3.7 5.5





#87

Chrysene

Concen: 27.046 ng/ul

RT: 21.610 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

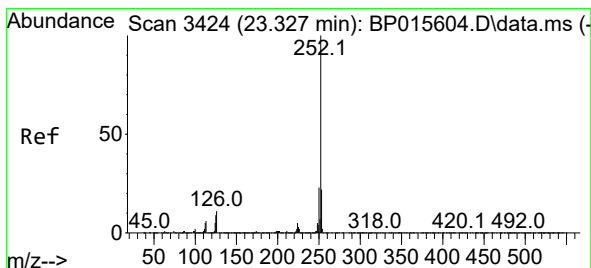
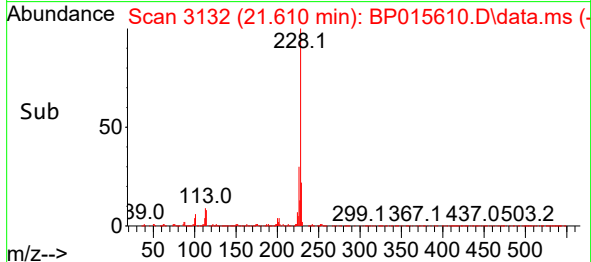
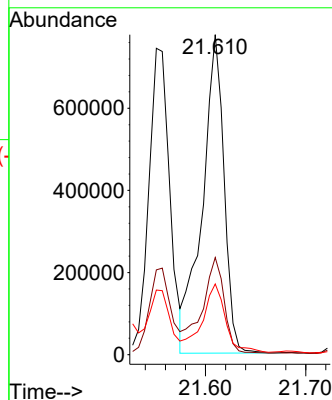
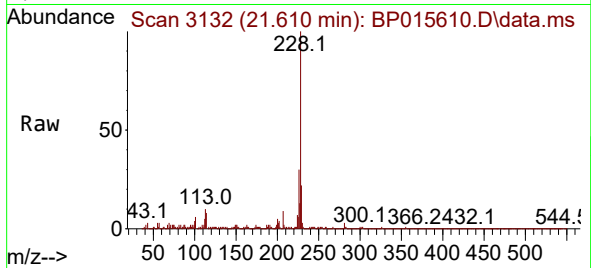
Tgt Ion:228 Resp: 1171639

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 22.1 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 39.407 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. 0.012 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

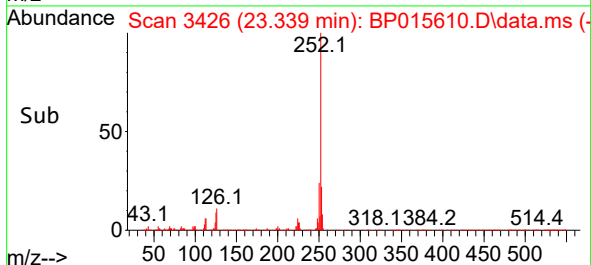
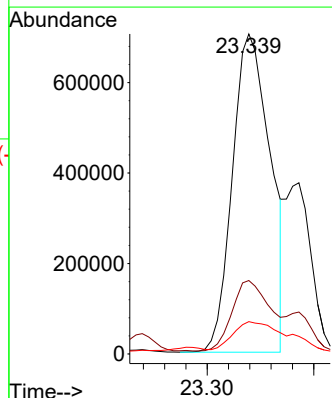
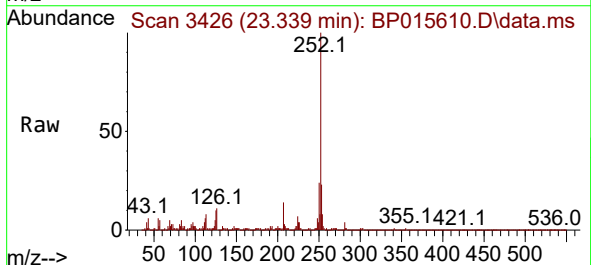
Tgt Ion:252 Resp: 1737681

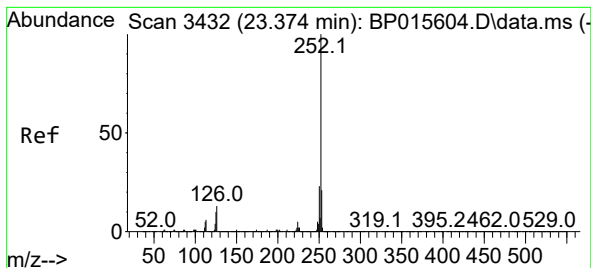
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.1 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 40.766 ng/ul

RT: 23.339 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

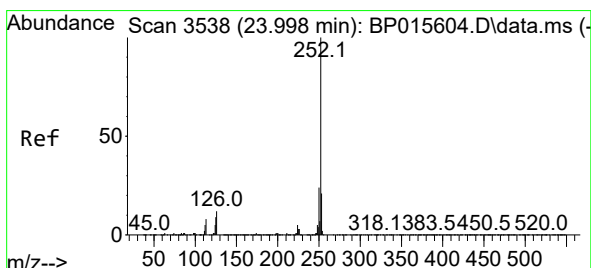
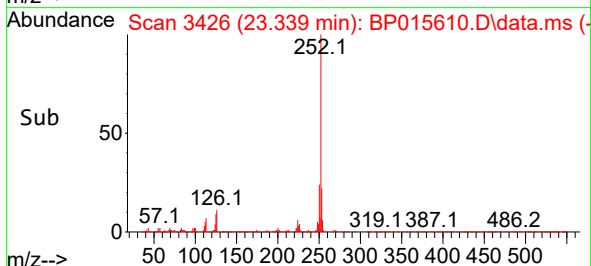
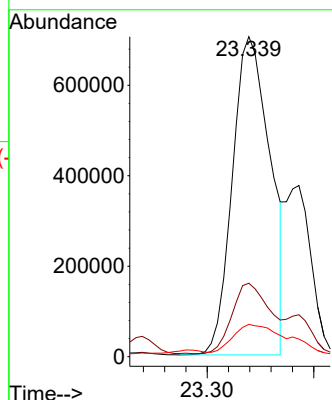
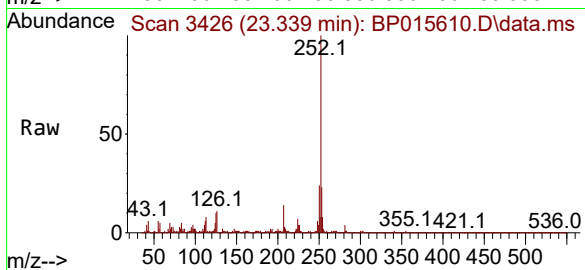
Tgt Ion:252 Resp: 1737681

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 10.1 7.3 10.9



#93

Benzo(a)pyrene

Concen: 30.973 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. 0.006 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

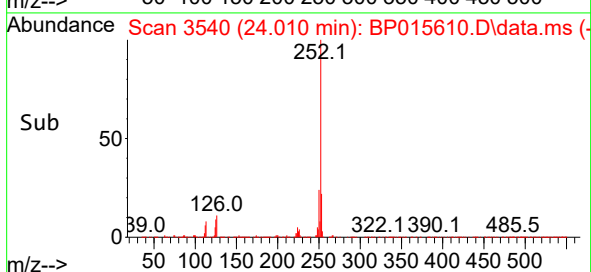
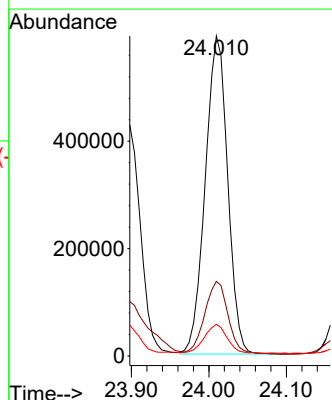
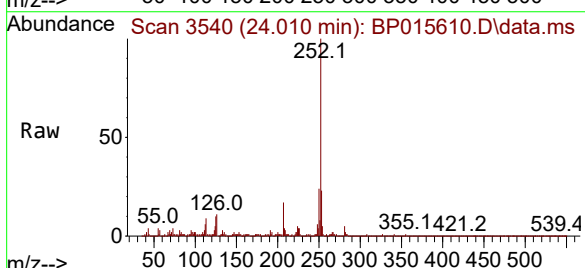
Tgt Ion:252 Resp: 1190772

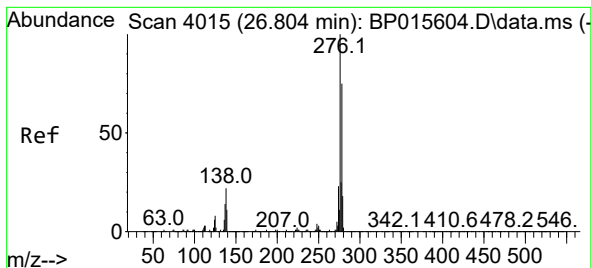
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 9.9 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.567 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

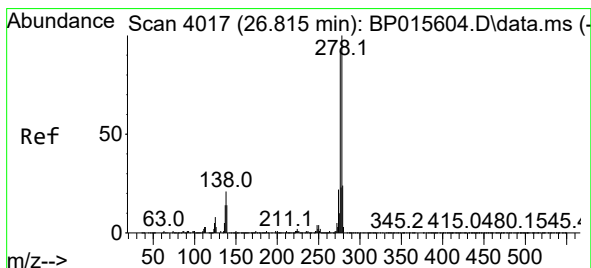
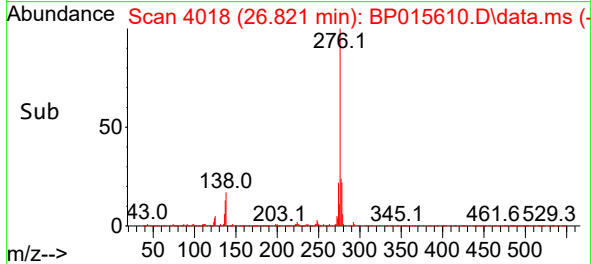
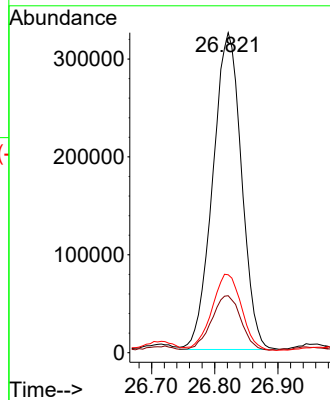
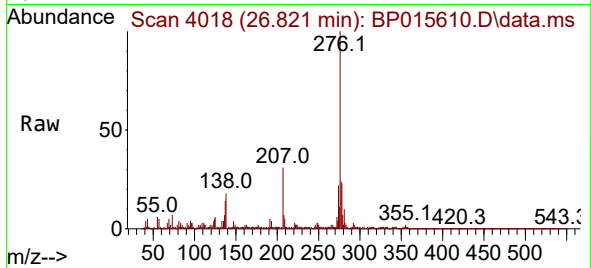
Tgt Ion:276 Resp: 1023284

Ion Ratio Lower Upper

276 100

138 17.8 17.3 25.9

277 24.4 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 6.538 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

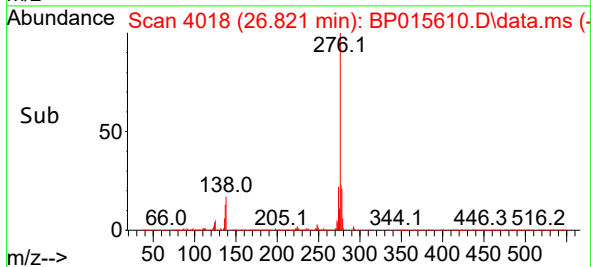
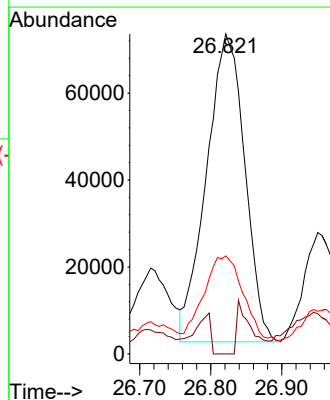
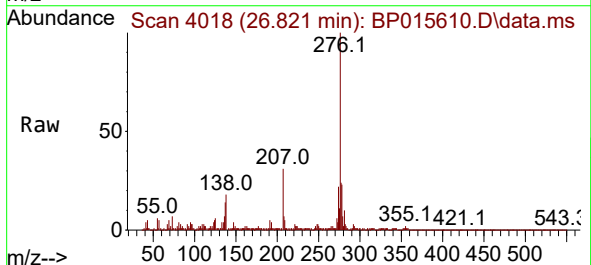
Tgt Ion:278 Resp: 265005

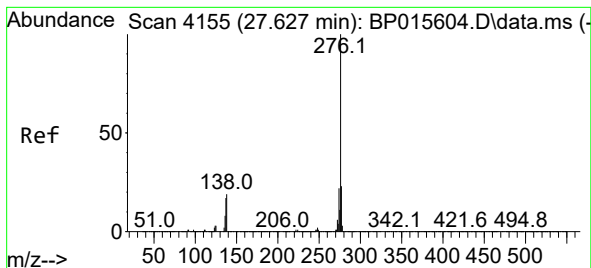
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 30.7 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 23.076 ng/ul

RT: 27.662 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP015610.D

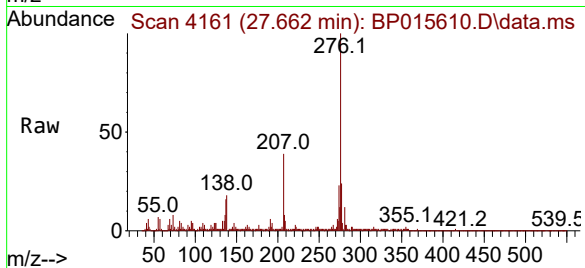
Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4



Tgt Ion:276 Resp: 946172

Ion Ratio Lower Upper

276 100

138 18.3 15.6 23.4

277 24.5 19.0 28.6

