

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015421.D
 Acq On : 08 Jun 2023 04:44
 Operator : MA/JU
 Sample : 02950-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW998

Quant Time: Jun 08 06:01:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

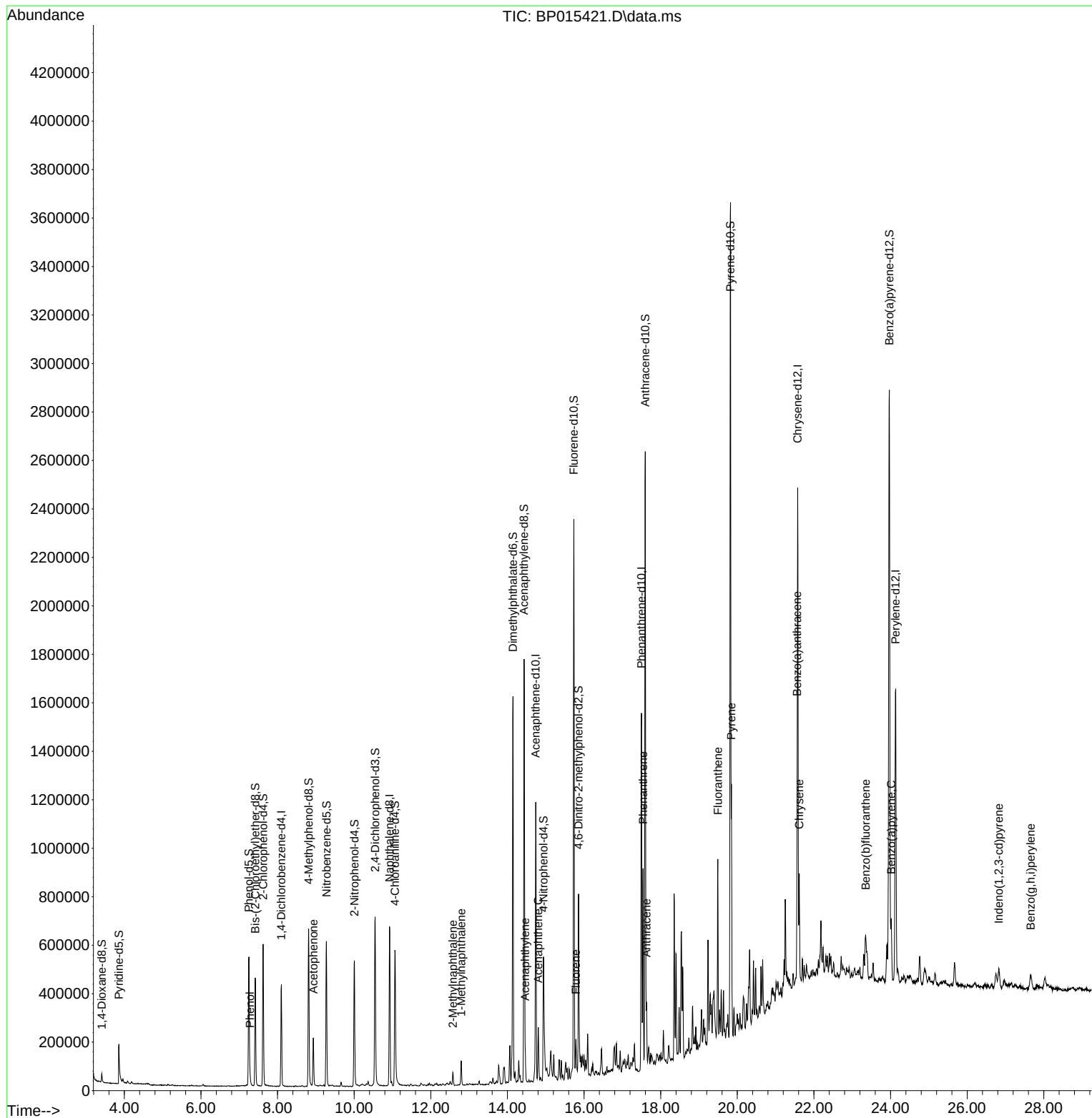
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	110417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	513619	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	367058	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	870703	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	875368	20.000	ng/u1	-0.01
88) Perylene-d12	24.133	264	999120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	18362	6.158	ng/uL	0.00
4) Pyridine-d5	3.858	84	102494	13.233	ng/u1	0.00
7) Phenol-d5	7.252	99	302127	29.701	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	200825	33.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	246807	33.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	243601	29.179	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	132764	32.924	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	157403	34.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	262394	31.236	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	317168	26.304	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1002036	34.619	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	1094708	34.588	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	129478	24.980	ng/u1	0.00
60) Fluorene-d10	15.733	176	851308	34.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	152764	27.695	ng/u1	0.00
73) Anthracene-d10	17.598	188	1396760	35.258	ng/u1	0.00
81) Pyrene-d10	19.821	212	1792499	38.260	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1898323	37.867	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.281	94	14752	1.406	ng/u1#	89
16) Acetophenone	8.934	105	101607	7.626	ng/u1	95
36) 2-Methylnaphthalene	12.575	142	24355	1.245	ng/u1	97
37) 1-Methylnaphthalene	12.792	142	44237	2.246	ng/u1	98
50) Acenaphthylene	14.463	152	39886	1.138	ng/u1#	92
52) Acenaphthene	14.804	153	83283	3.438	ng/u1	99
61) Fluorene	15.786	166	64118	2.291	ng/u1	95
72) Phenanthrene	17.539	178	482515	10.327	ng/u1	99
74) Anthracene	17.627	178	152265	3.212	ng/u1	98
80) Fluoranthene	19.492	202	379475	6.649	ng/u1	100
82) Pyrene	19.845	202	550800	9.329	ng/u1	99
85) Benzo(a)anthracene	21.563	228	247564	4.045	ng/u1	95
87) Chrysene	21.616	228	261490	4.521	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	198981	3.085	ng/u1#	98
93) Benzo(a)pyrene	24.015	252	195476	3.476	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	86419	1.188	ng/u1	99
96) Benzo(g,h,i)perylene	27.662	276	82780	1.380	ng/u1	98

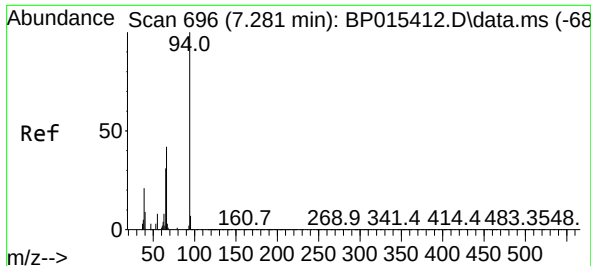
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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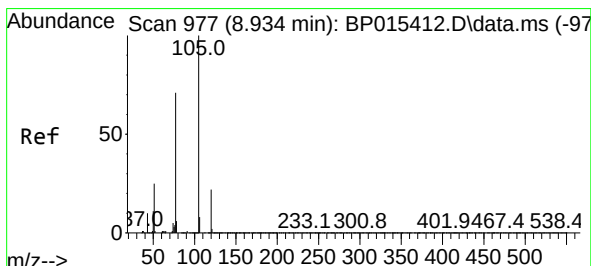
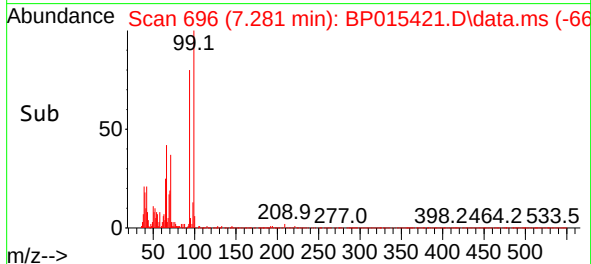
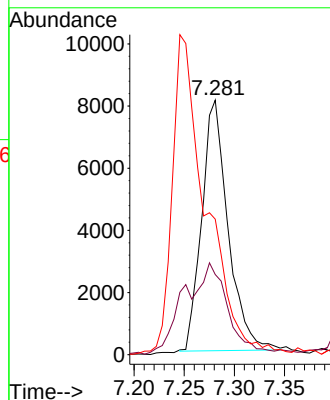
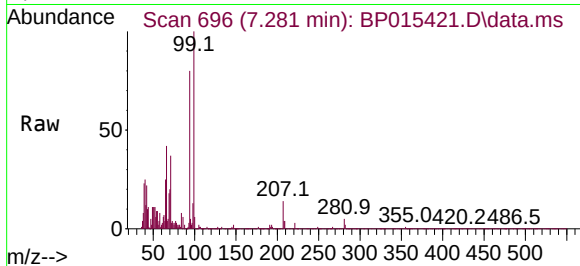




#8
Phenol
Concen: 1.406 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

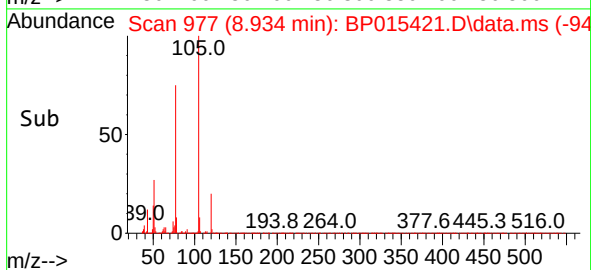
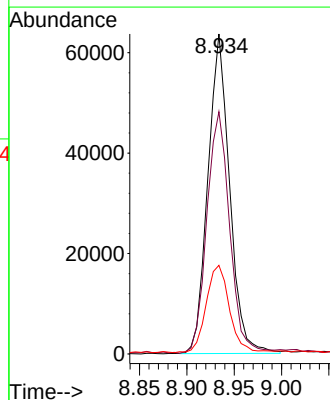
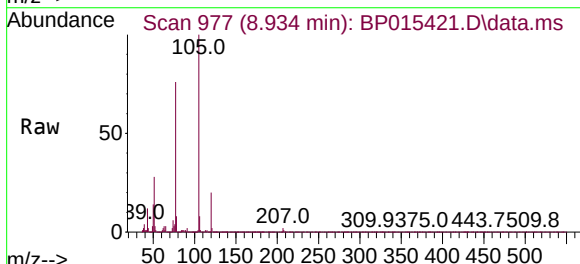
Instrument :
BNA_P
ClientSampleId :
EW998

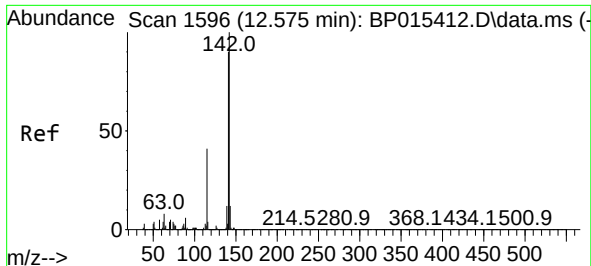
Tgt Ion: 94 Resp: 14752
Ion Ratio Lower Upper
94 100
65 31.5 23.5 35.3
66 53.2 34.2 51.4#



#16
Acetophenone
Concen: 7.626 ng/ul
RT: 8.934 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

Tgt Ion: 105 Resp: 101607
Ion Ratio Lower Upper
105 100
77 75.7 64.9 97.3
51 27.7 23.5 35.3

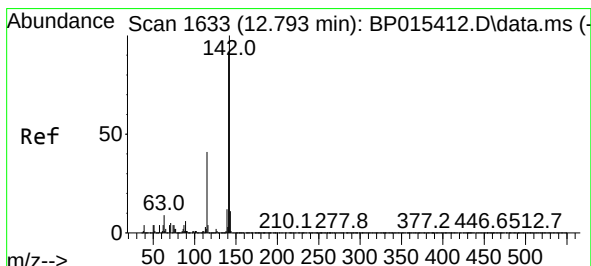
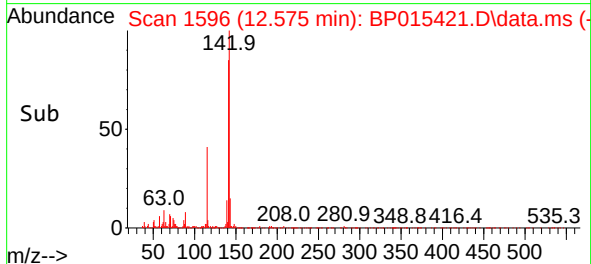
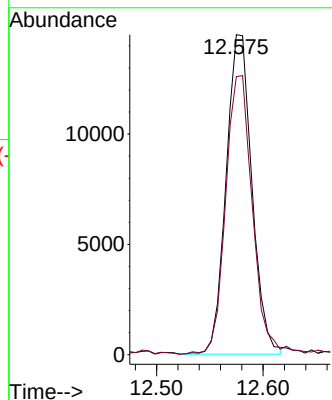
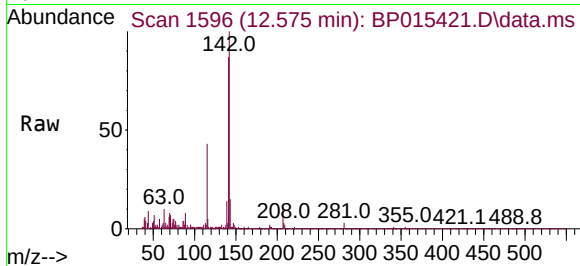




#36
2-Methylnaphthalene
Concen: 1.245 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

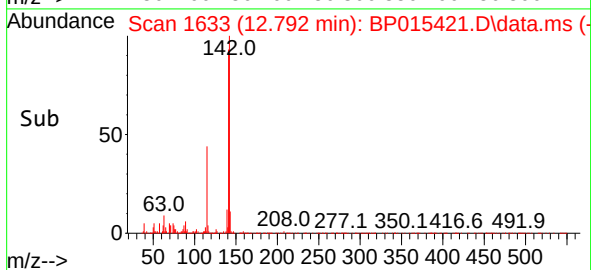
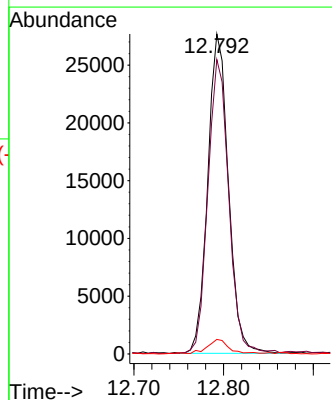
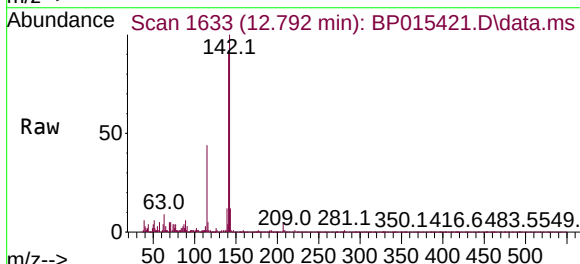
Instrument :
BNA_P
ClientSampleId :
EW998

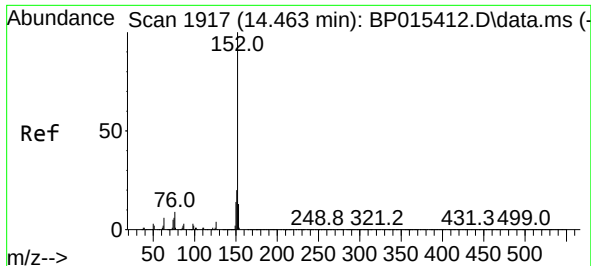
Tgt Ion:142 Resp: 24355
Ion Ratio Lower Upper
142 100
141 86.9 72.0 108.0



#37
1-Methylnaphthalene
Concen: 2.246 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

Tgt Ion:142 Resp: 44237
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9
116 4.6 3.4 5.2

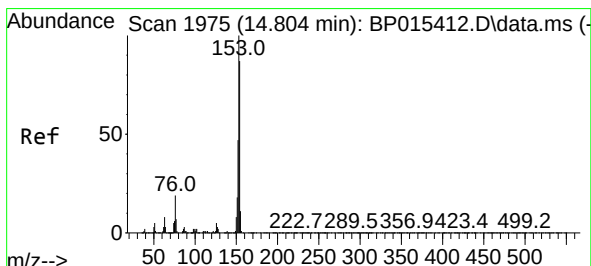
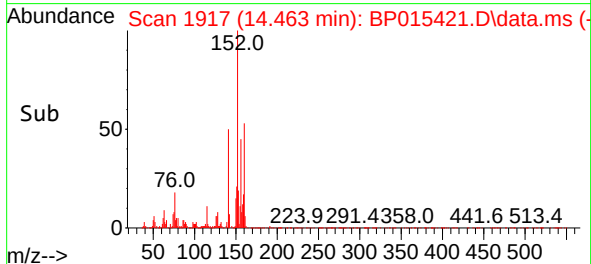
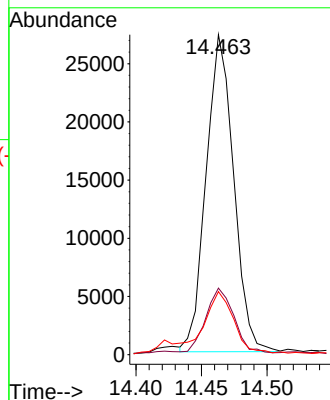
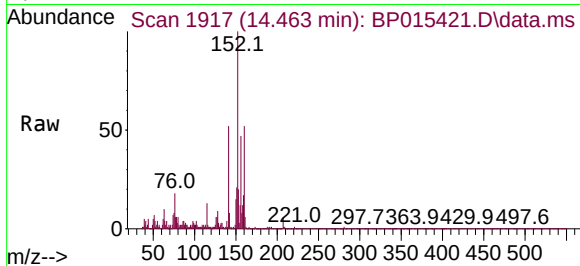




#50
Acenaphthylene
Concen: 1.138 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

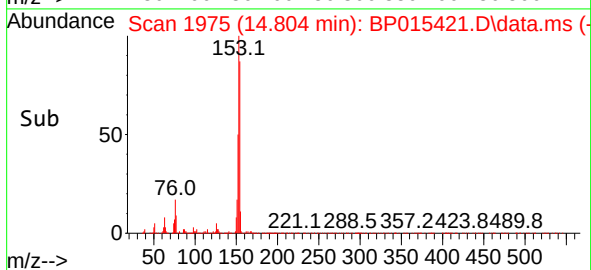
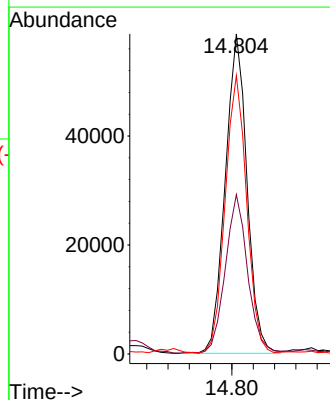
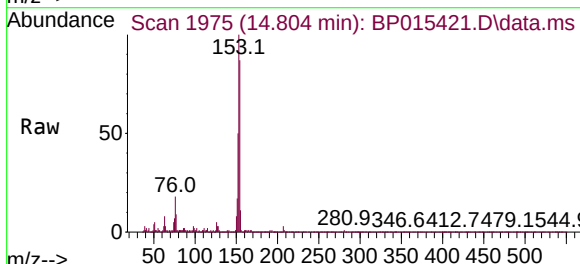
Instrument :
BNA_P
ClientSampleId :
EW998

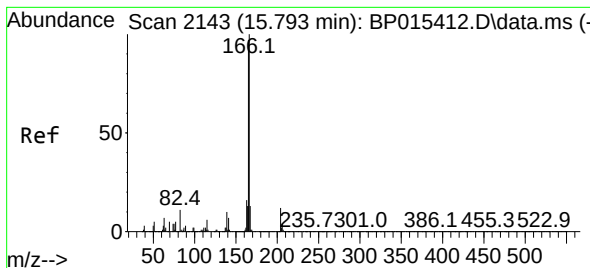
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	19.7	10.6	15.8



#52
Acenaphthene
Concen: 3.438 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.8	38.3	57.5
154	87.0	69.8	104.6





#61

Fluorene

Concen: 2.291 ng/ul

RT: 15.786 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

Instrument :

BNA_P

ClientSampleId :

EW998

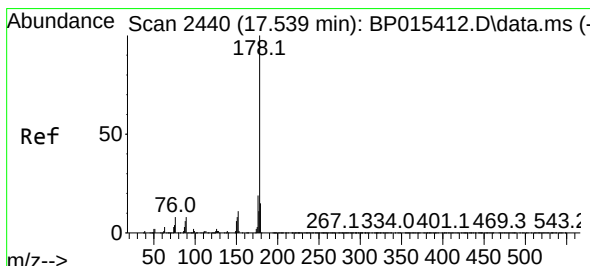
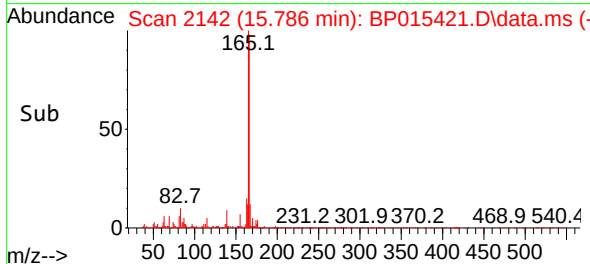
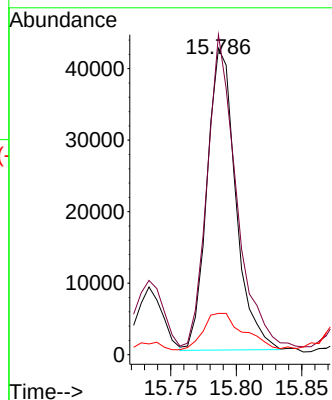
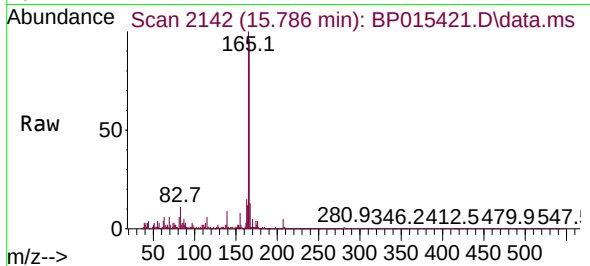
Tgt Ion:166 Resp: 64118

Ion Ratio Lower Upper

166 100

165 104.5 79.1 118.7

167 13.5 10.6 16.0



#72

Phenanthrene

Concen: 10.327 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

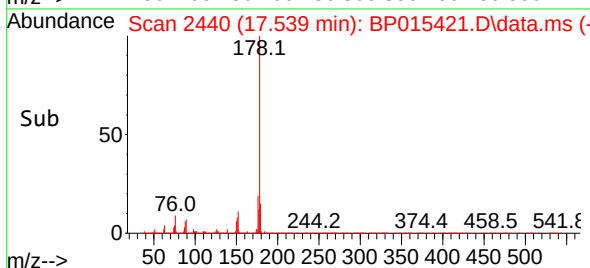
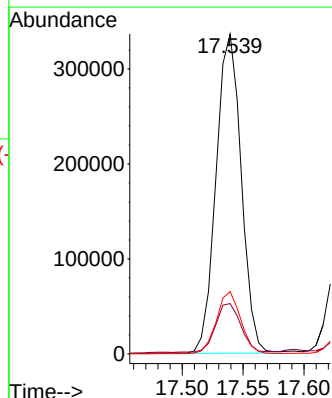
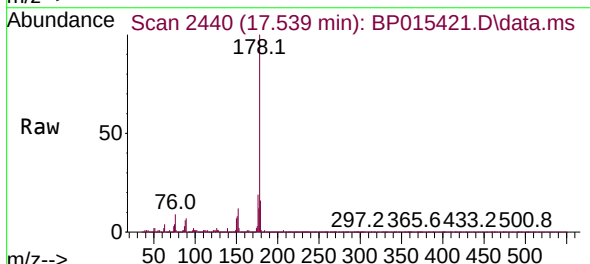
Tgt Ion:178 Resp: 482515

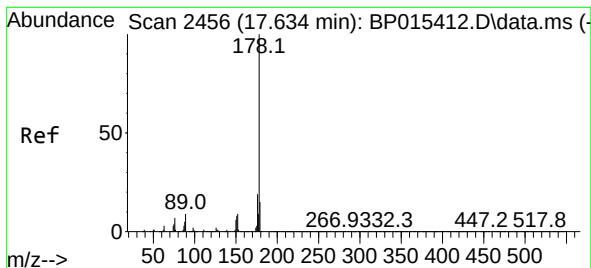
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.5 15.4 23.0





#74

Anthracene

Concen: 3.212 ng/ul

RT: 17.627 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

Instrument :

BNA_P

ClientSampleId :

EW998

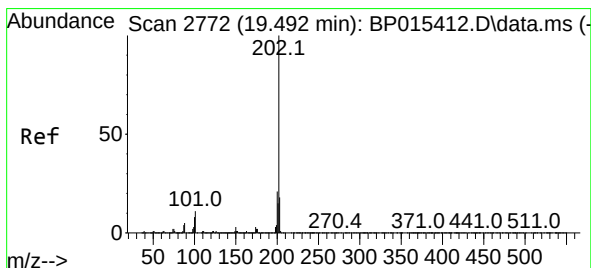
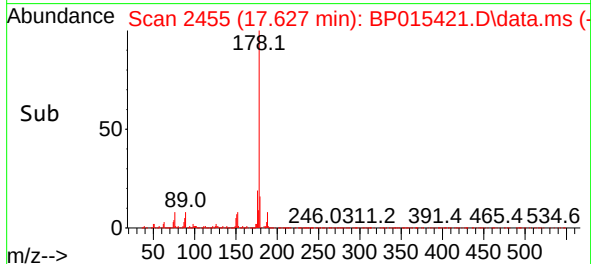
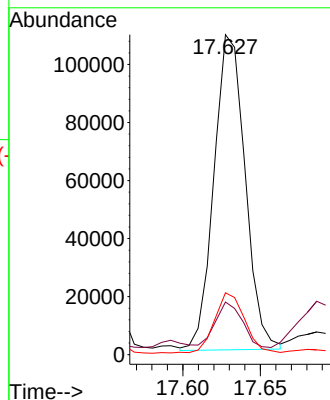
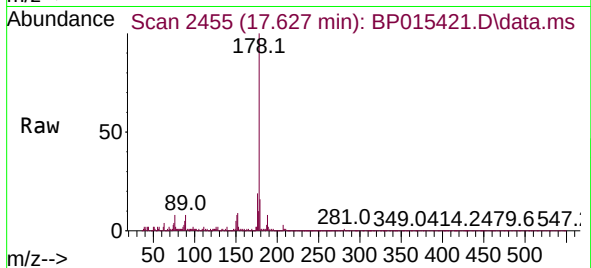
Tgt Ion:178 Resp: 152265

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 19.4 15.0 22.4



#80

Fluoranthene

Concen: 6.649 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

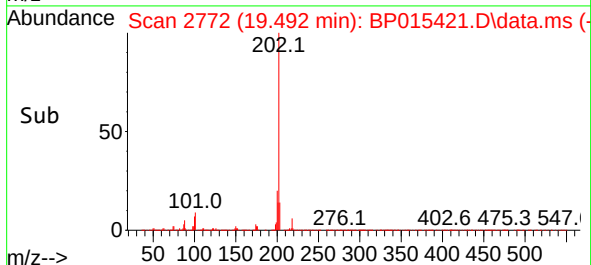
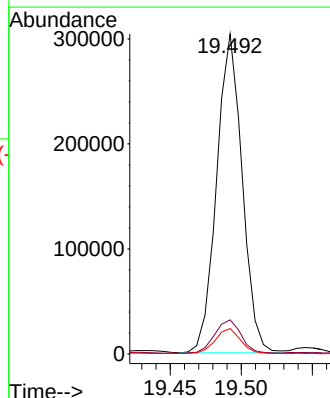
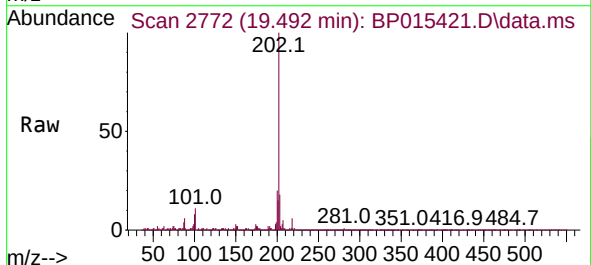
Tgt Ion:202 Resp: 379475

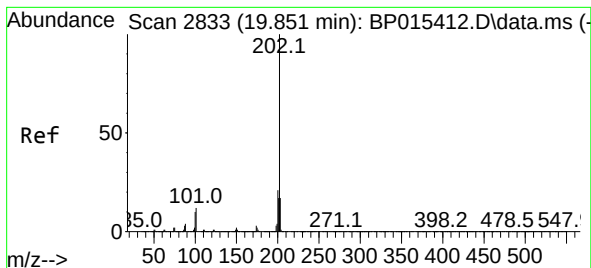
Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

100 8.0 6.6 9.8





#82

Pyrene

Concen: 9.329 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

Instrument :

BNA_P

ClientSampleId :

EW998

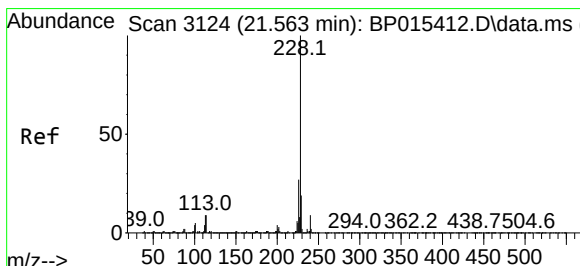
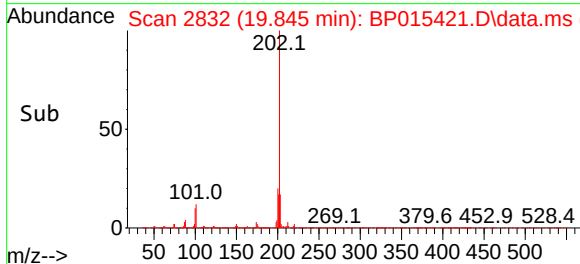
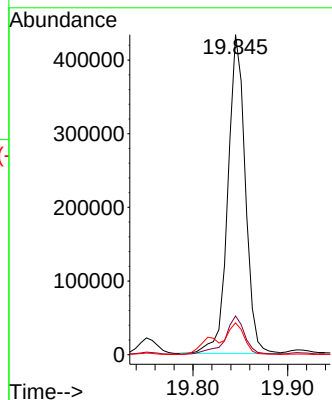
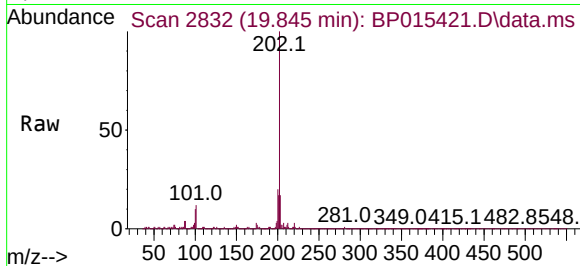
Tgt Ion:202 Resp: 550800

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

100 10.0 8.4 12.6



#85

Benzo(a)anthracene

Concen: 4.045 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

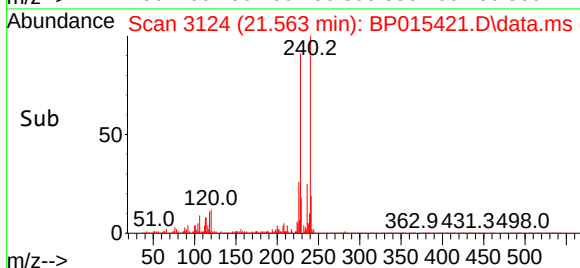
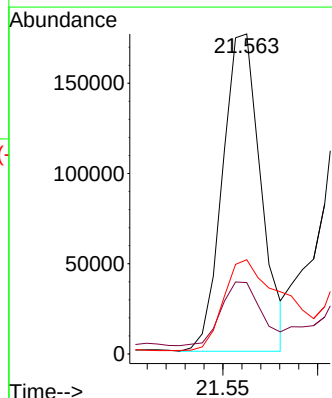
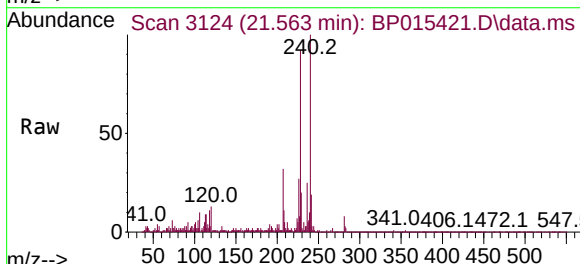
Tgt Ion:228 Resp: 247564

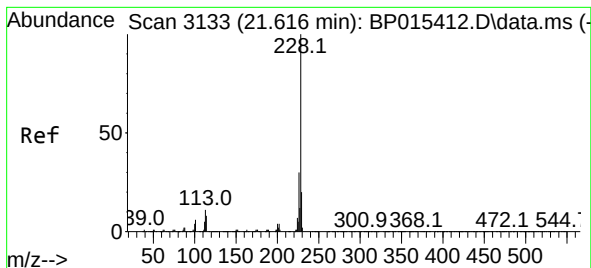
Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.6

226 29.5 21.8 32.6





#87

Chrysene

Concen: 4.521 ng/ul

RT: 21.616 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

Instrument :

BNA_P

ClientSampleId :

EW998

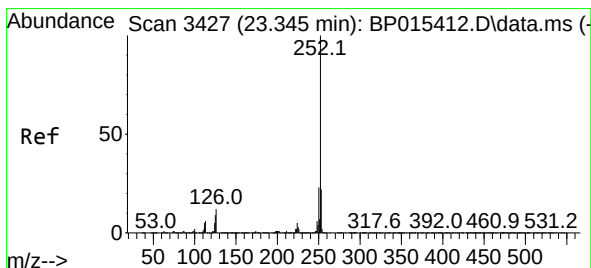
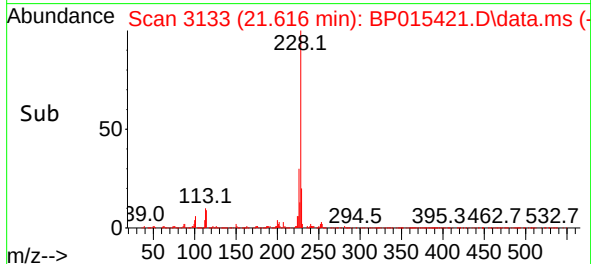
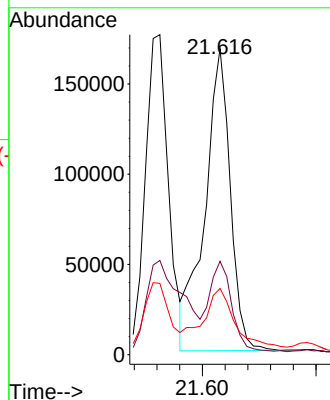
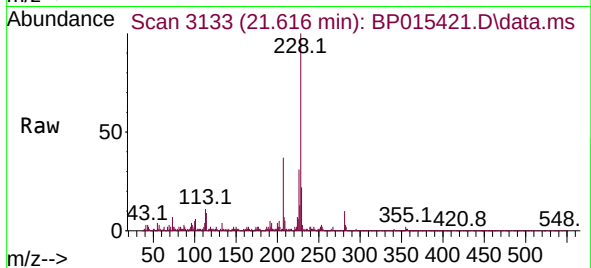
Tgt Ion:228 Resp: 261490

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 21.6 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 3.085 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BP015421.D

Acq: 08 Jun 2023 04:44

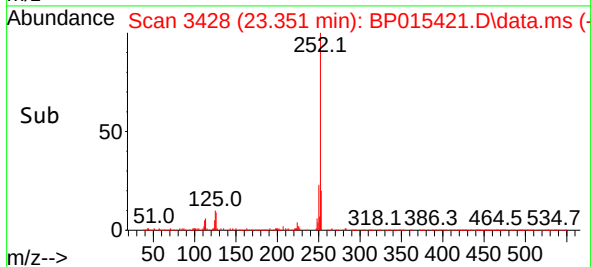
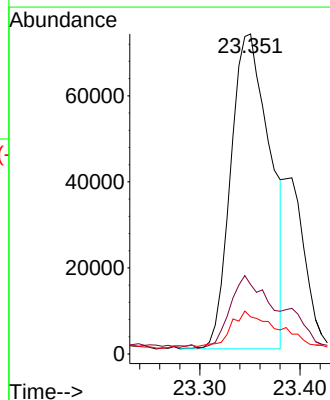
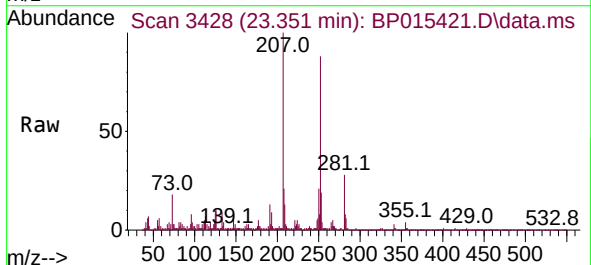
Tgt Ion:252 Resp: 198981

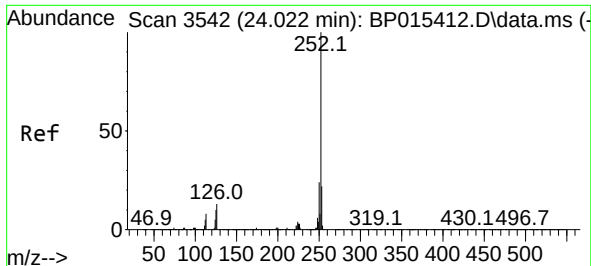
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.6 7.3 10.9#

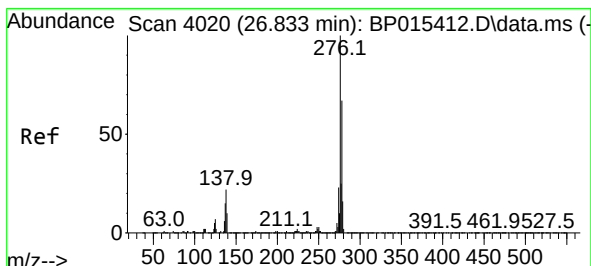
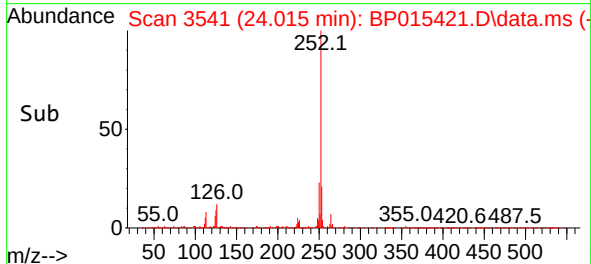
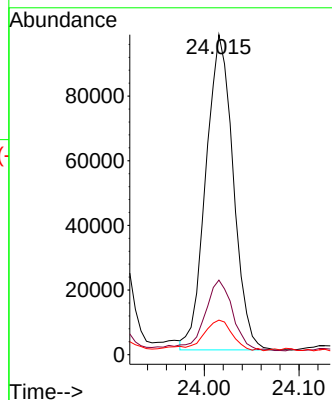
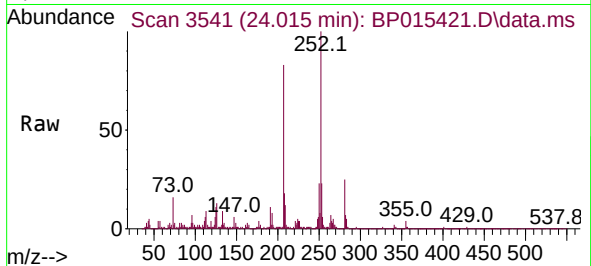




#93
Benzo(a)pyrene
Concen: 3.476 ng/ul
RT: 24.015 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

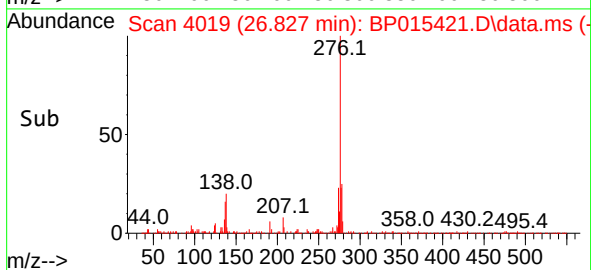
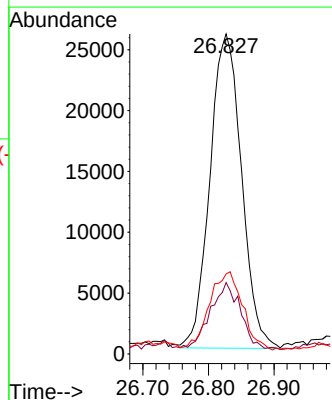
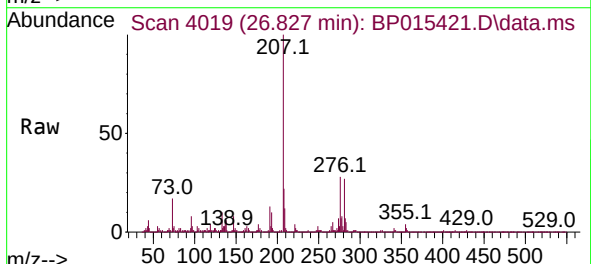
Instrument :
BNA_P
ClientSampleId :
EW998

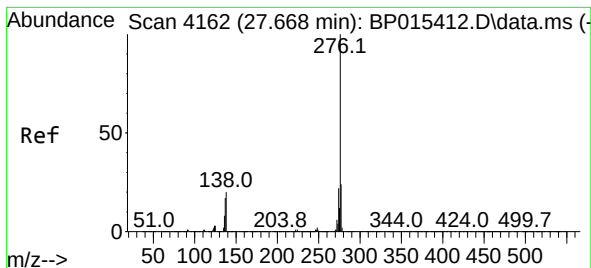
Tgt Ion:252 Resp: 195476
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 10.8 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.188 ng/ul
RT: 26.827 min Scan# 4019
Delta R.T. -0.018 min
Lab File: BP015421.D
Acq: 08 Jun 2023 04:44

Tgt Ion:276 Resp: 86419
Ion Ratio Lower Upper
276 100
138 22.3 17.3 25.9
277 25.0 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 1.380 ng/ul

RT: 27.662 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP015421.D

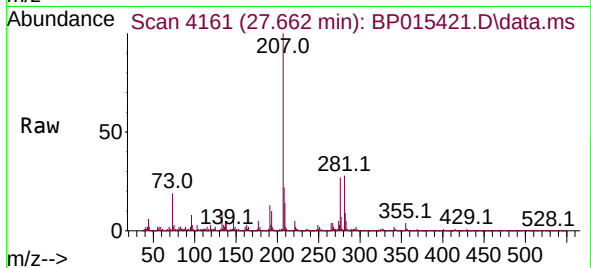
Acq: 08 Jun 2023 04:44

Instrument :

BNA_P

ClientSampleId :

EW998



Tgt Ion:276 Resp: 82780

Ion Ratio Lower Upper

276 100

138 20.1 15.6 23.4

277 25.1 19.0 28.6

