

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014839.D
 Acq On : 26 Apr 2023 14:23
 Operator : CG/JU
 Sample : 02418-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z8

Quant Time: Apr 26 22:34:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

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

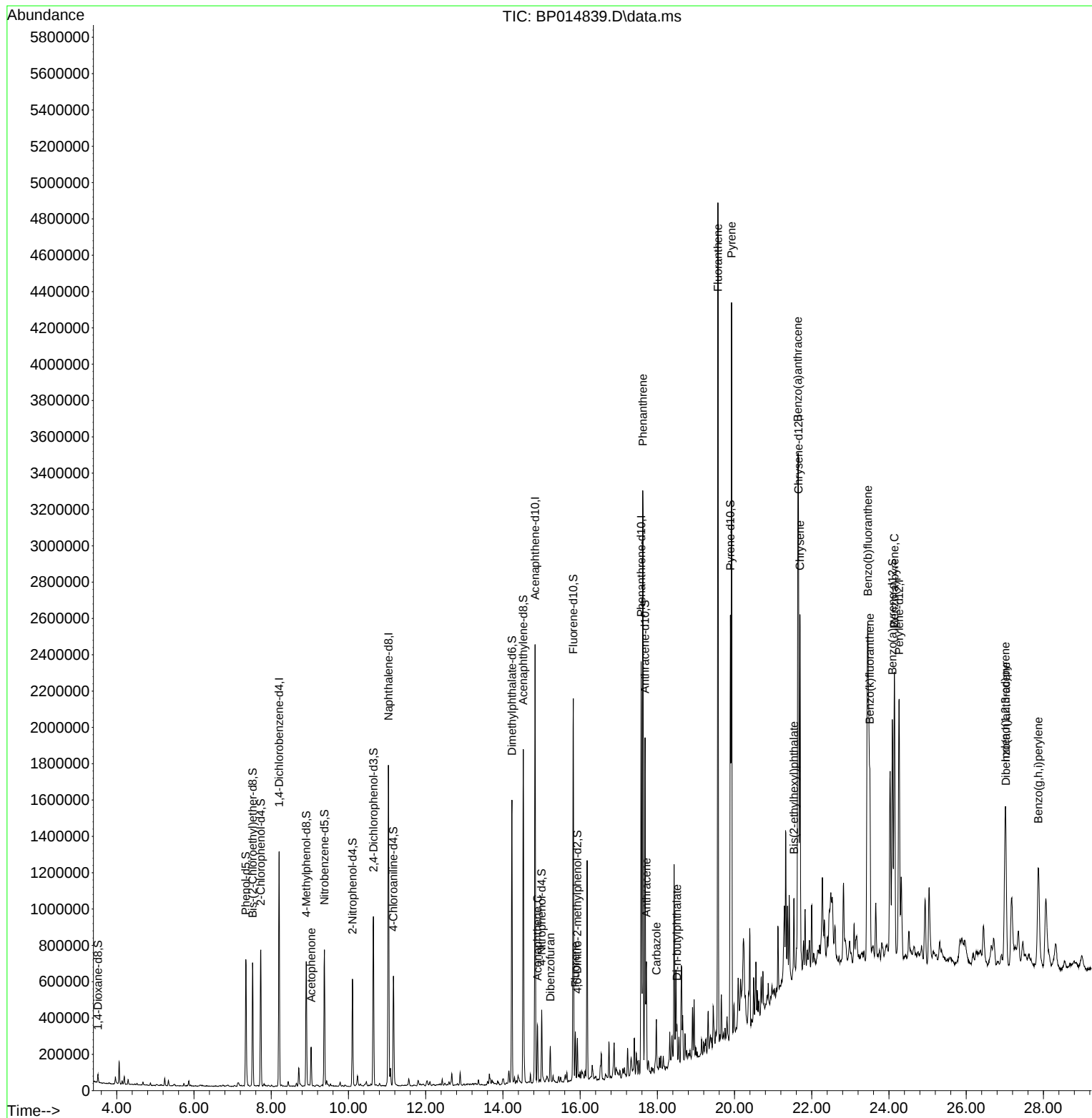
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	352370	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1453295	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	807252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1315995	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	940849	20.000	ng/u1	0.00
88) Perylene-d12	24.263	264	1213378	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	21074	2.351	ng/uL	0.00
4) Pyridine-d5	3.970	84	15076	0.580	ng/u1	0.03
7) Phenol-d5	7.340	99	402616	12.569	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.517	67	289844	15.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.728	132	354207	14.975	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	258163	10.034	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	175796	16.159	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	188827	16.887	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	348663	15.001	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	327292	9.814	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1035622	16.533	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1198098	16.684	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	83701	7.335	ng/u1	0.00
60) Fluorene-d10	15.822	176	818797	15.354	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	46607	6.383	ng/u1	0.00
73) Anthracene-d10	17.681	188	998647	16.161	ng/u1	0.00
81) Pyrene-d10	19.892	212	916169	16.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1055288	16.776	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.034	105	117936	2.930	ng/u1	99
52) Acenaphthene	14.893	153	122454	2.297	ng/u1	100
56) Dibenzofuran	15.228	168	87584	1.167	ng/u1	98
61) Fluorene	15.875	166	114303	1.930	ng/u1	100
72) Phenanthrene	17.622	178	1945278	26.993	ng/u1	99
74) Anthracene	17.716	178	377791	5.199	ng/u1	99
77) Carbazole	17.975	167	164703	2.663	ng/u1	99
78) Di-n-butylphthalate	18.510	149	141666	1.930	ng/u1	98
80) Fluoranthene	19.569	202	2608261	38.691	ng/u1	99
82) Pyrene	19.922	202	2354868	33.775	ng/u1	100
85) Benzo(a)anthracene	21.639	228	1228782	18.774	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	106616	3.070	ng/u1#	99
87) Chrysene	21.692	228	1170368	18.862	ng/u1	98
90) Benzo(b)fluoranthene	23.457	252	1749230	21.050	ng/u1	98
91) Benzo(k)fluoranthene	23.504	252	542322	6.729	ng/u1	98
93) Benzo(a)pyrene	24.139	252	1264221	17.962	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	913609	11.511	ng/u1	97
95) Dibenzo(a,h)anthracene	27.027	278	229969	3.474	ng/u1#	84
96) Benzo(g,h,i)perylene	27.868	276	788442	12.539	ng/u1	99

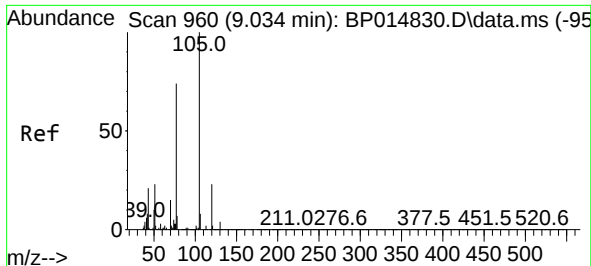
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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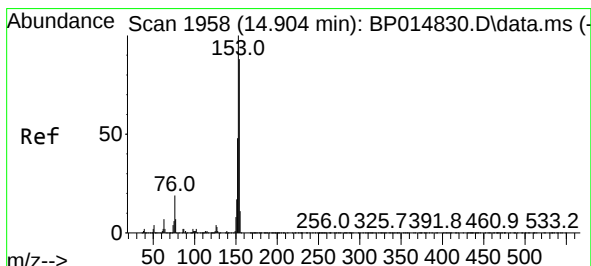
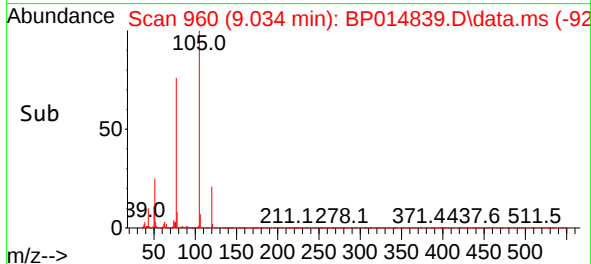
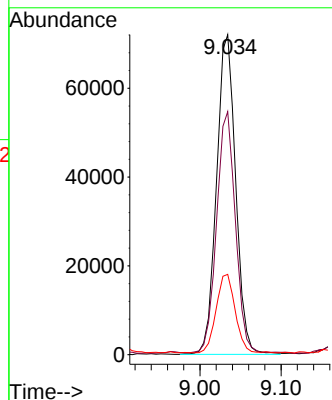
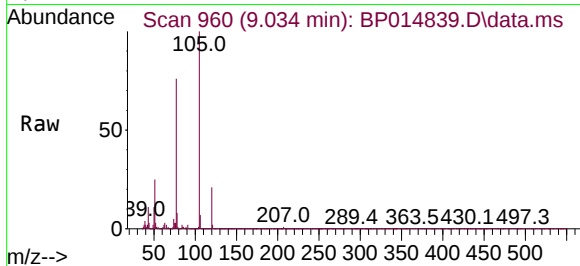




#16
Acetophenone
Concen: 2.930 ng/ul
RT: 9.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

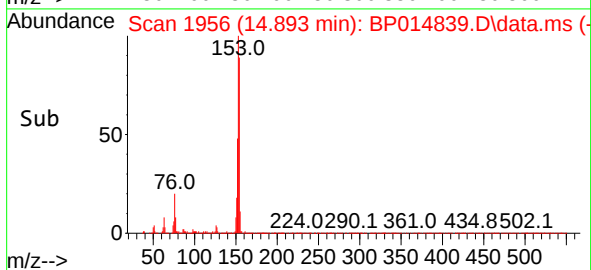
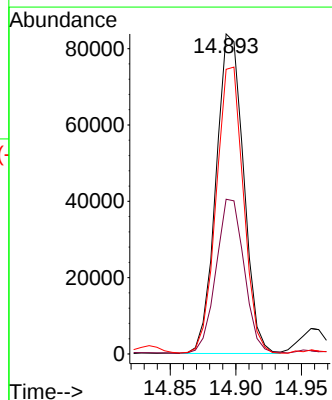
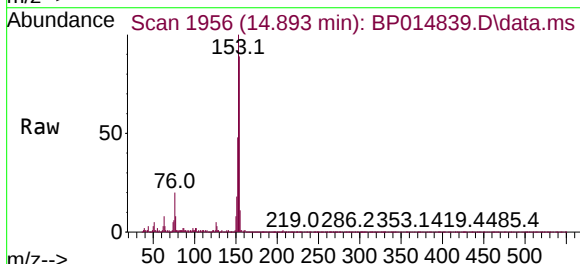
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BNA_P
ClientSampleId :
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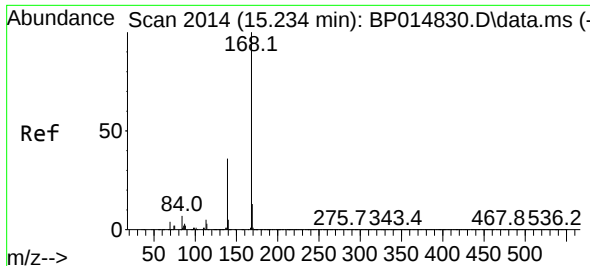
Tgt Ion:105 Resp: 117936
Ion Ratio Lower Upper
105 100
77 76.0 59.8 89.8
51 25.1 19.6 29.4



#52
Acenaphthene
Concen: 2.297 ng/ul
RT: 14.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

Tgt Ion:153 Resp: 122454
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 89.0 71.0 106.4

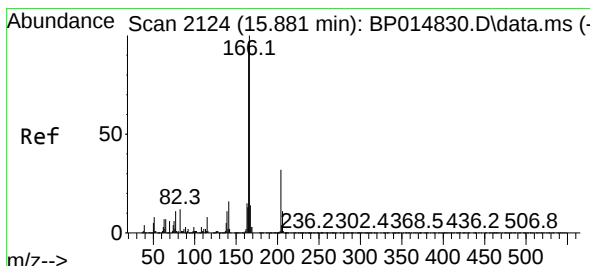
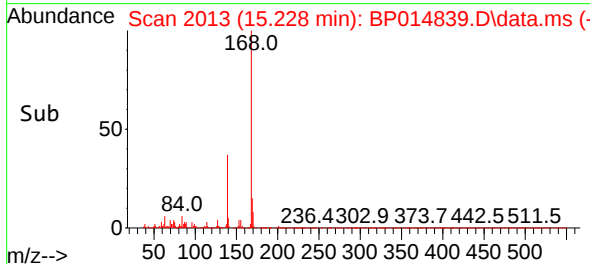
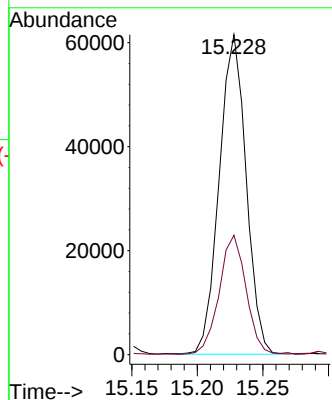
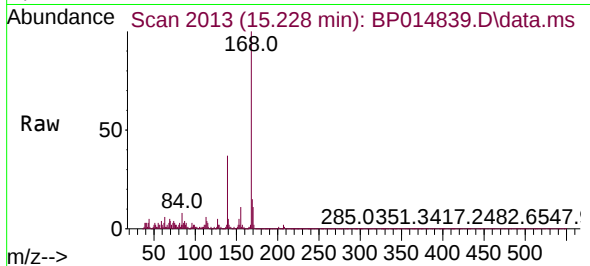




#56
Dibenzofuran
Concen: 1.167 ng/ul
RT: 15.228 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

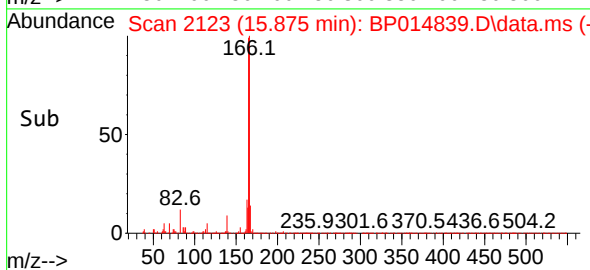
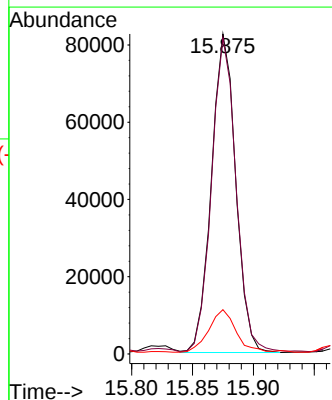
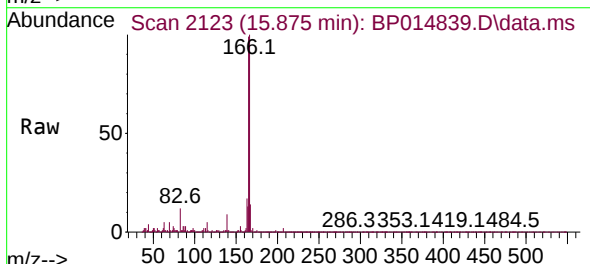
Instrument :
BNA_P
ClientSampleId :
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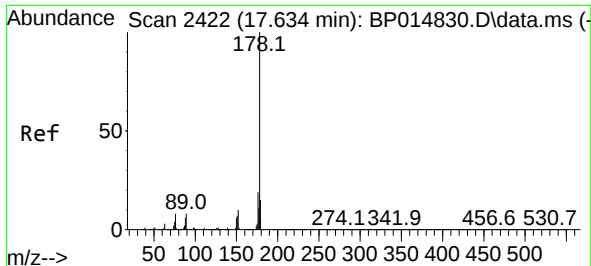
Tgt Ion:168 Resp: 87584
Ion Ratio Lower Upper
168 100
139 37.3 28.7 43.1



#61
Fluorene
Concen: 1.930 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

Tgt Ion:166 Resp: 114303
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.8 10.7 16.1

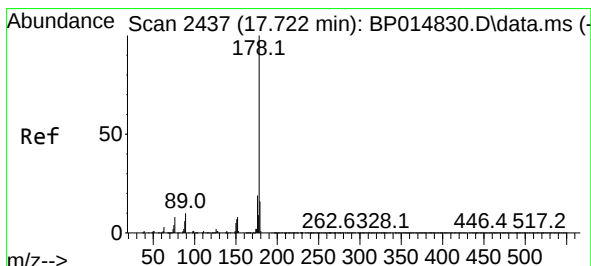
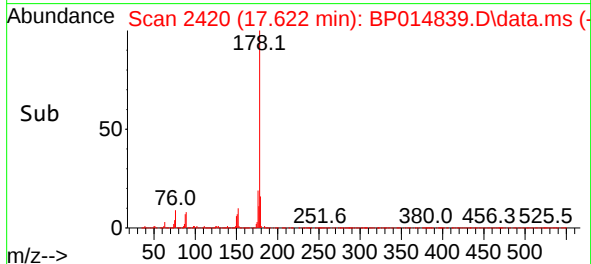
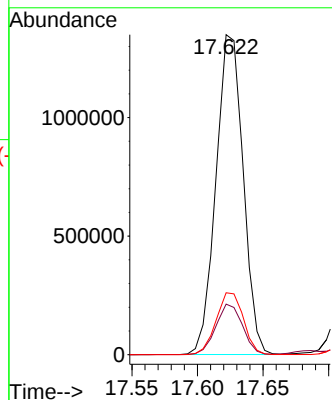
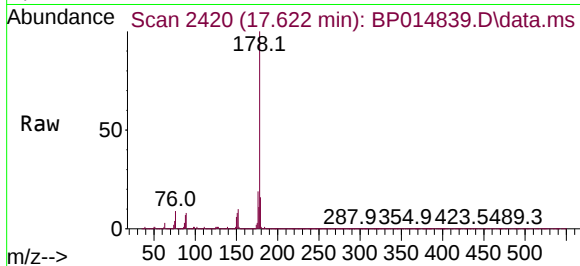




#72
Phenanthrene
Concen: 26.993 ng/u1
RT: 17.622 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

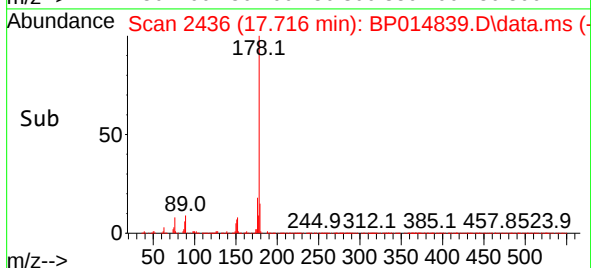
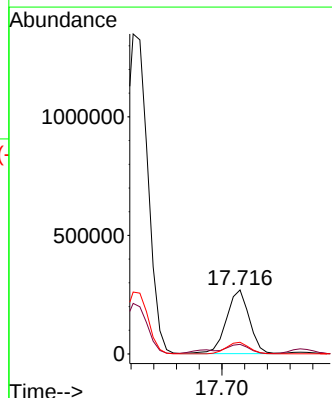
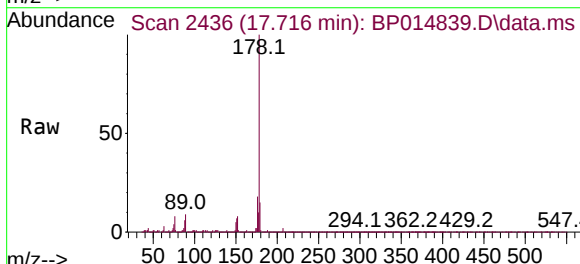
Instrument :
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ClientSampleId :
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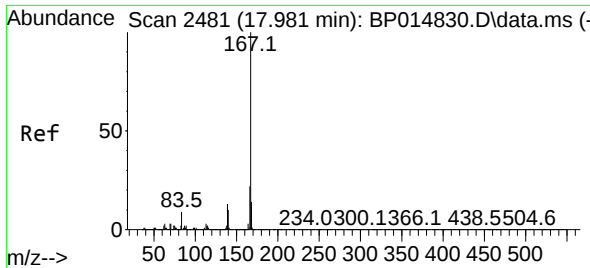
Tgt Ion:178 Resp: 1945278
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.4 15.7 23.5



#74
Anthracene
Concen: 5.199 ng/u1
RT: 17.716 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

Tgt Ion:178 Resp: 377791
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 18.3 14.9 22.3

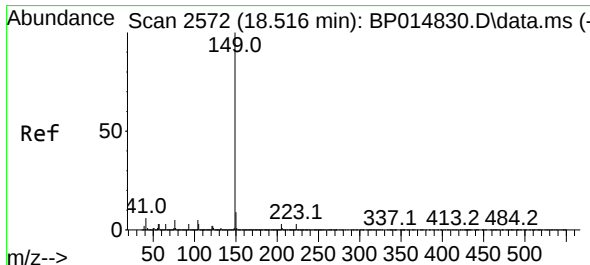
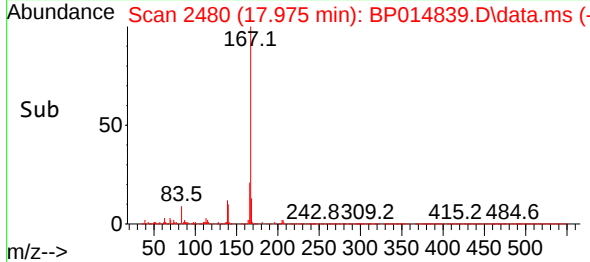
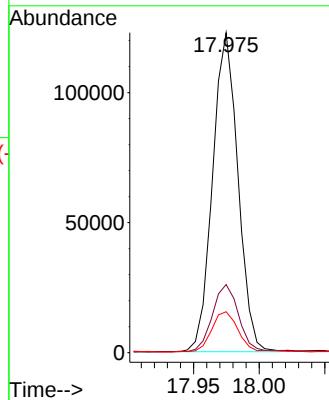
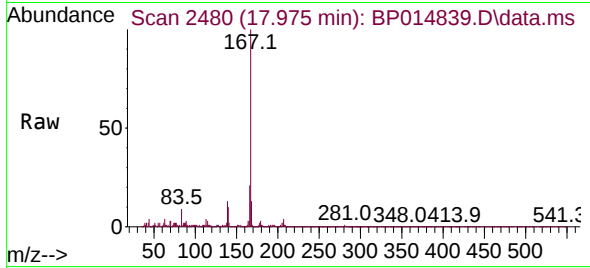




#77
 Carbazole
 Concen: 2.663 ng/ul
 RT: 17.975 min Scan# 2481
 Delta R.T. 0.000 min
 Lab File: BP014839.D
 Acq: 26 Apr 2023 14:23

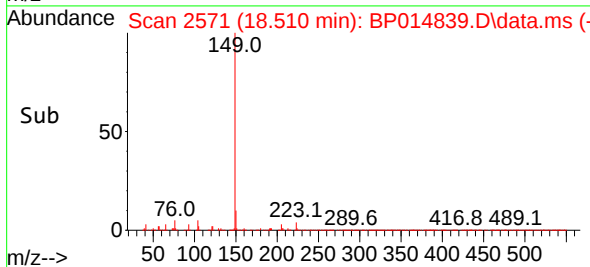
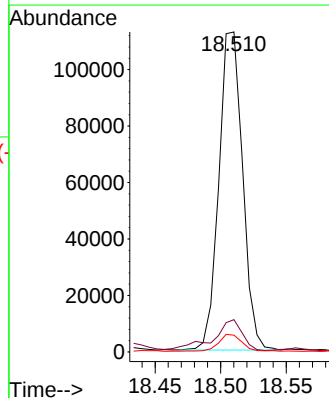
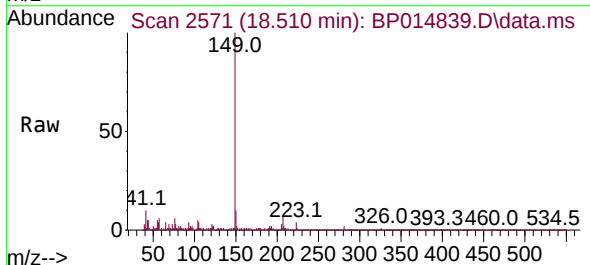
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 ClientSampleId :
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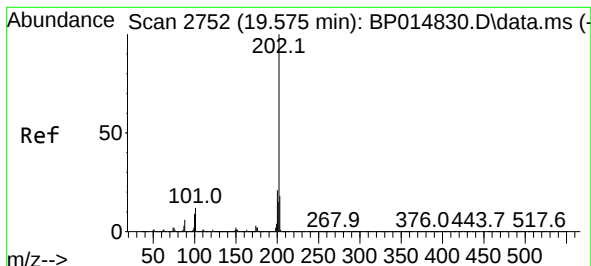
Tgt Ion:167 Resp: 164703
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 1.930 ng/ul
 RT: 18.510 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BP014839.D
 Acq: 26 Apr 2023 14:23

Tgt Ion:149 Resp: 141666
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.4 11.2
 104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 38.691 ng/uI

RT: 19.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

Instrument :

BNA_P

ClientSampleId :

EW8Z8

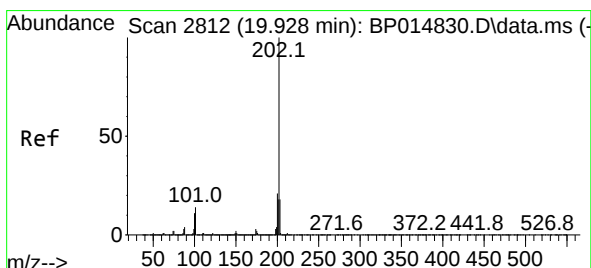
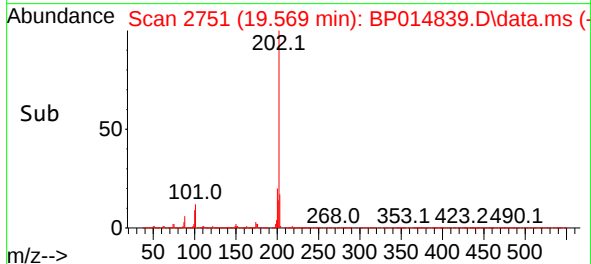
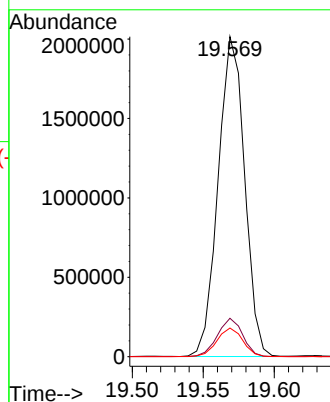
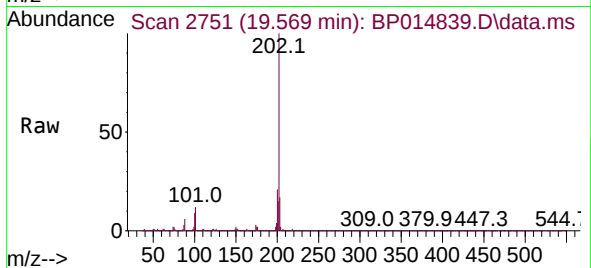
Tgt Ion:202 Resp: 2608261

Ion Ratio Lower Upper

202 100

101 12.0 9.1 13.7

100 9.0 7.0 10.4



#82

Pyrene

Concen: 33.775 ng/uI

RT: 19.922 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

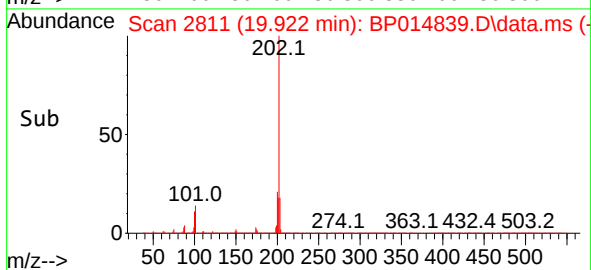
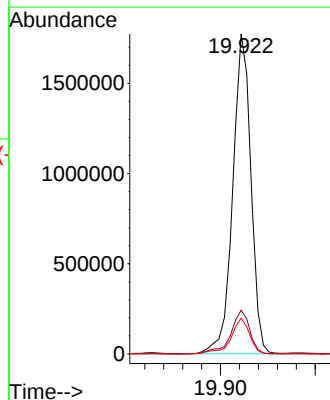
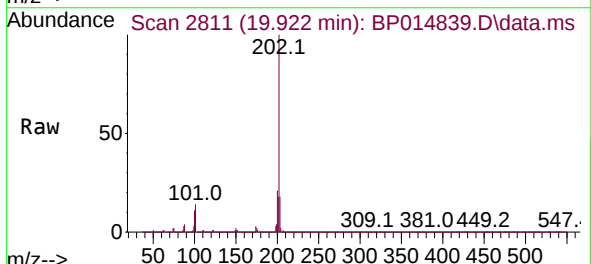
Tgt Ion:202 Resp: 2354868

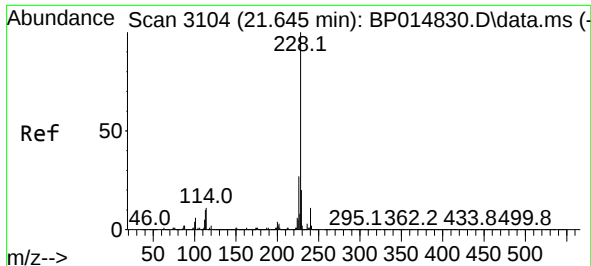
Ion Ratio Lower Upper

202 100

101 13.7 11.1 16.7

100 11.1 9.0 13.6

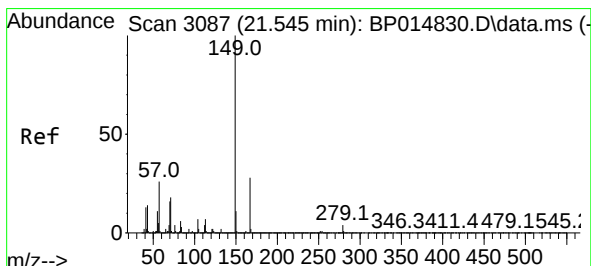
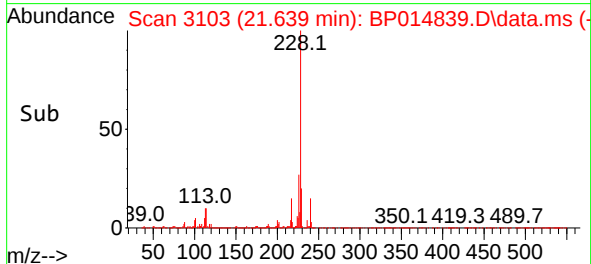
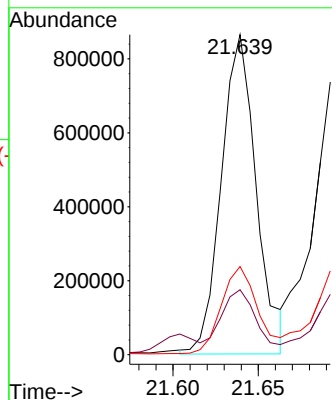
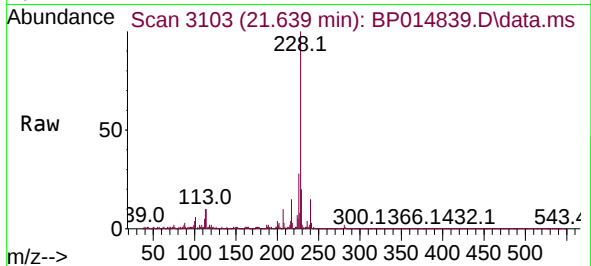




#85
Benzo(a)anthracene
Concen: 18.774 ng/ul
RT: 21.639 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

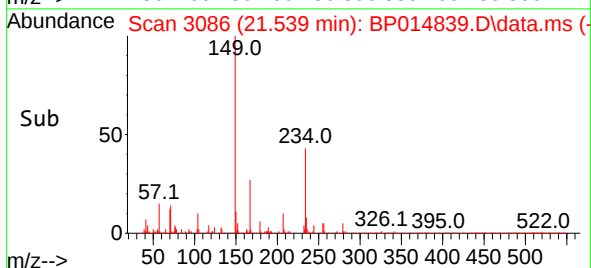
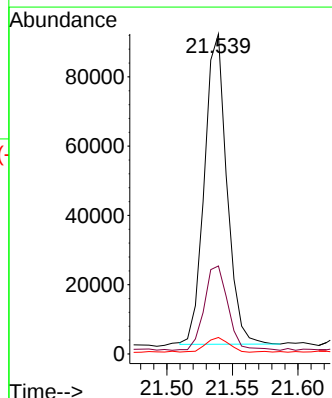
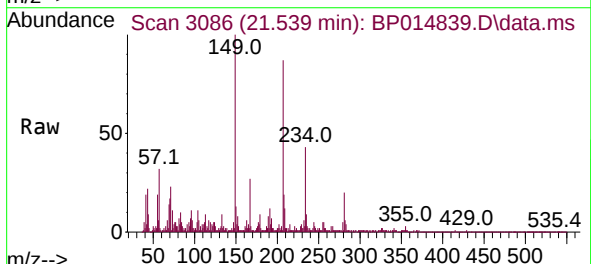
Instrument :
BNA_P
ClientSampleId :
EW8Z8

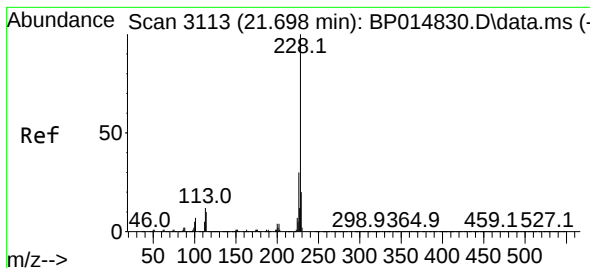
Tgt Ion:228 Resp: 1228782
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.070 ng/ul
RT: 21.539 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

Tgt Ion:149 Resp: 106616
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 5.2 3.4 5.0#





#87

Chrysene

Concen: 18.862 ng/ul

RT: 21.692 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

Instrument :

BNA_P

ClientSampleId :

EW8Z8

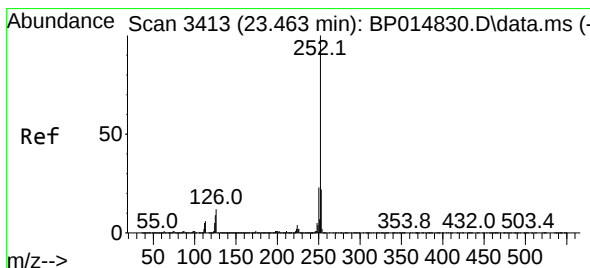
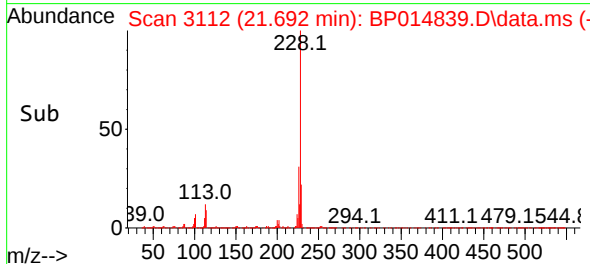
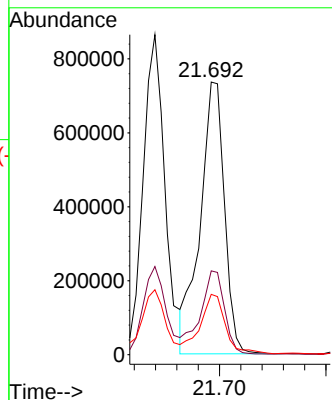
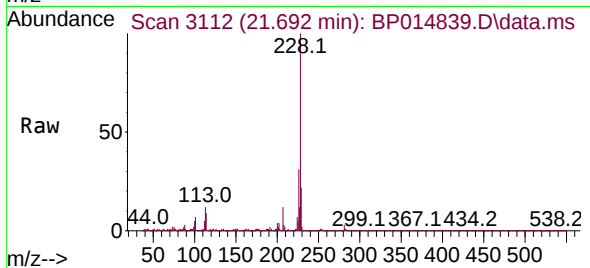
Tgt Ion:228 Resp: 1170368

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 22.1 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 21.050 ng/ul

RT: 23.457 min Scan# 3412

Delta R.T. 0.006 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

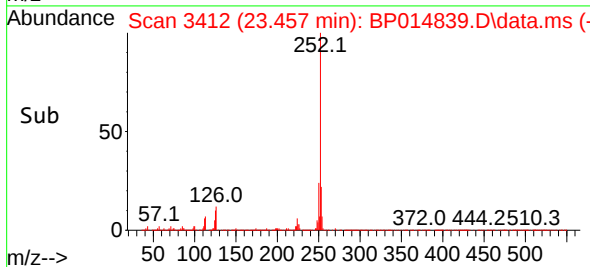
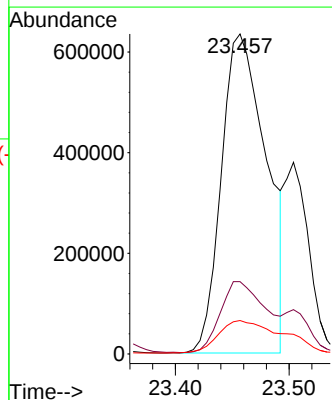
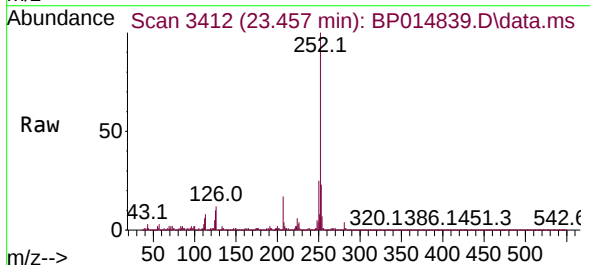
Tgt Ion:252 Resp: 1749230

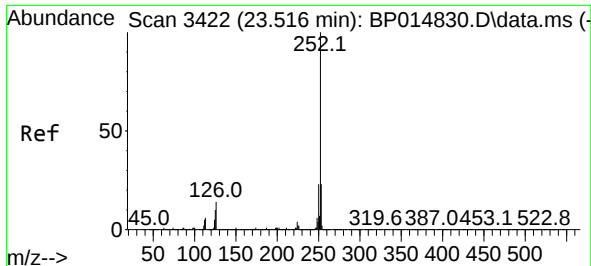
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.4 7.8 11.8

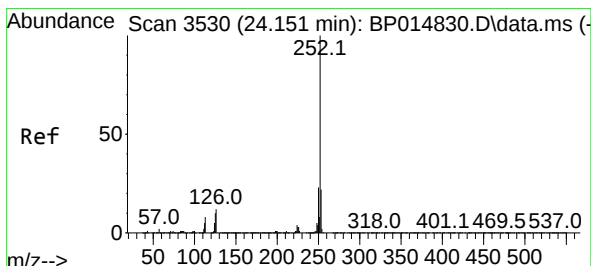
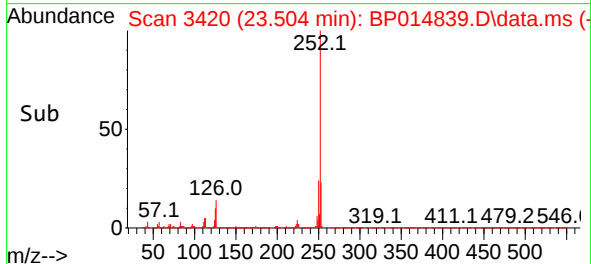
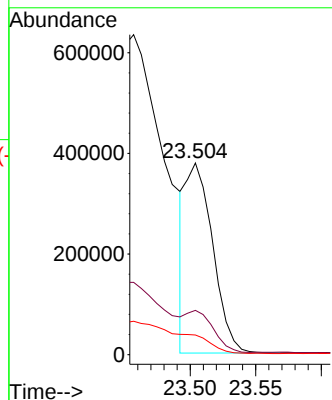
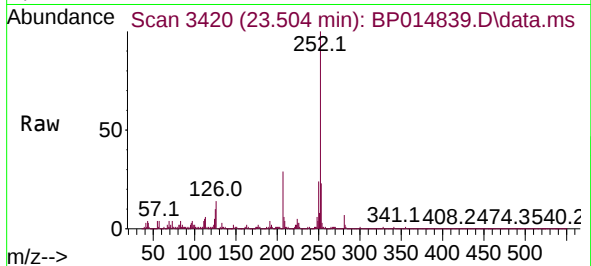




#91
Benzo(k)fluoranthene
Concen: 6.729 ng/ul
RT: 23.504 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

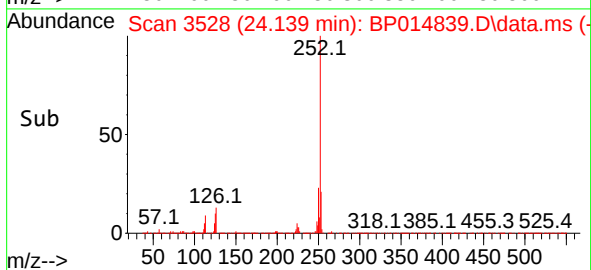
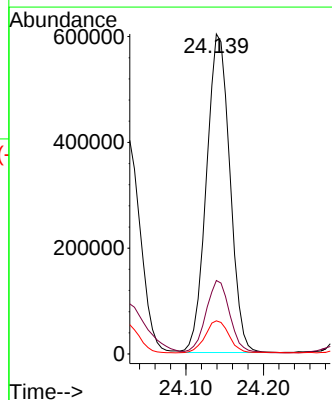
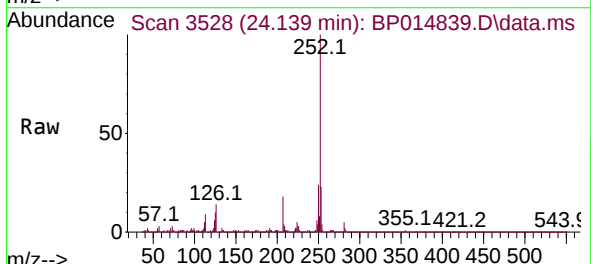
Instrument :
BNA_P
ClientSampleId :
EW8Z8

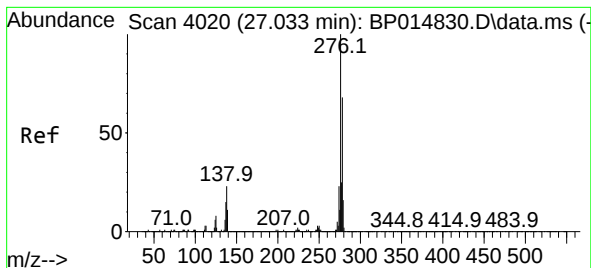
Tgt Ion:252 Resp: 542322
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.3 7.9 11.9



#93
Benzo(a)pyrene
Concen: 17.962 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BP014839.D
Acq: 26 Apr 2023 14:23

Tgt Ion:252 Resp: 1264221
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.4 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.511 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

Instrument :

BNA_P

ClientSampleId :

EW8Z8

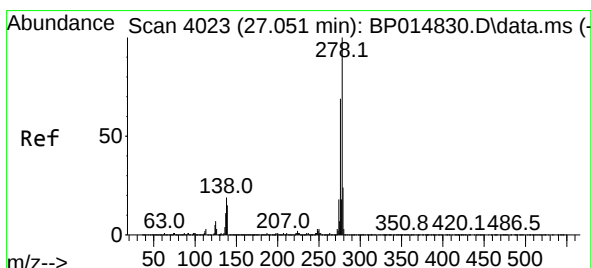
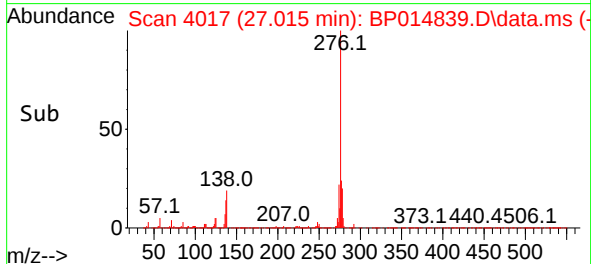
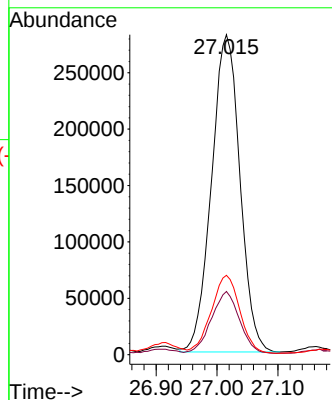
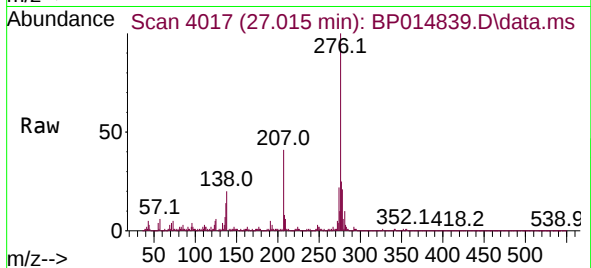
Tgt Ion:276 Resp: 913609

Ion Ratio Lower Upper

276 100

138 19.7 17.7 26.5

277 24.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 3.474 ng/ul

RT: 27.027 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP014839.D

Acq: 26 Apr 2023 14:23

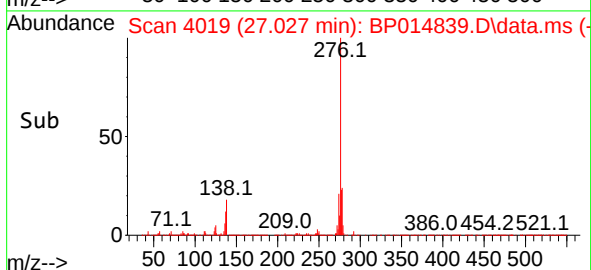
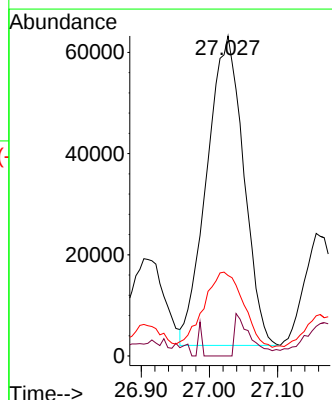
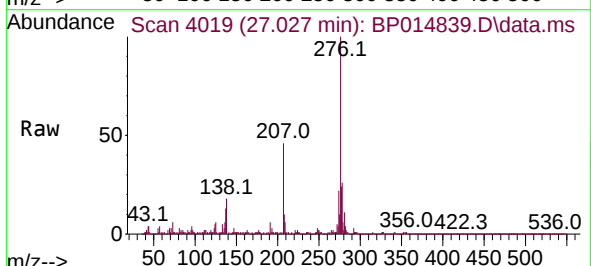
Tgt Ion:278 Resp: 229969

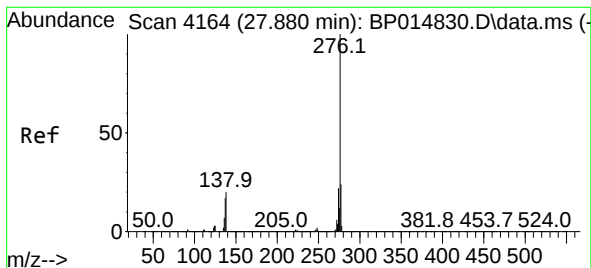
Ion Ratio Lower Upper

278 100

139 0.0 12.0 18.0#

279 25.2 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 12.539 ng/ul

RT: 27.868 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP014839.D

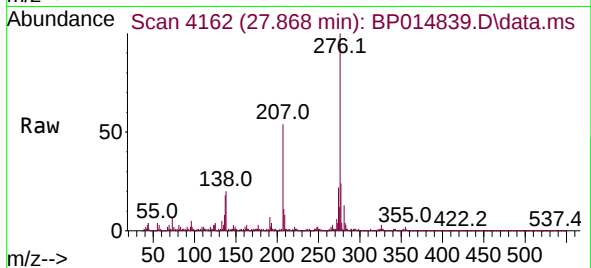
Acq: 26 Apr 2023 14:23

Instrument :

BNA_P

ClientSampleId :

EW8Z8



Tgt Ion:276 Resp: 788442

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

277 24.3 18.9 28.3

