

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013016.D
 Acq On : 09 Dec 2022 13:58
 Operator : CG/JU
 Sample : N5896-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM4

Quant Time: Dec 09 21:53:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

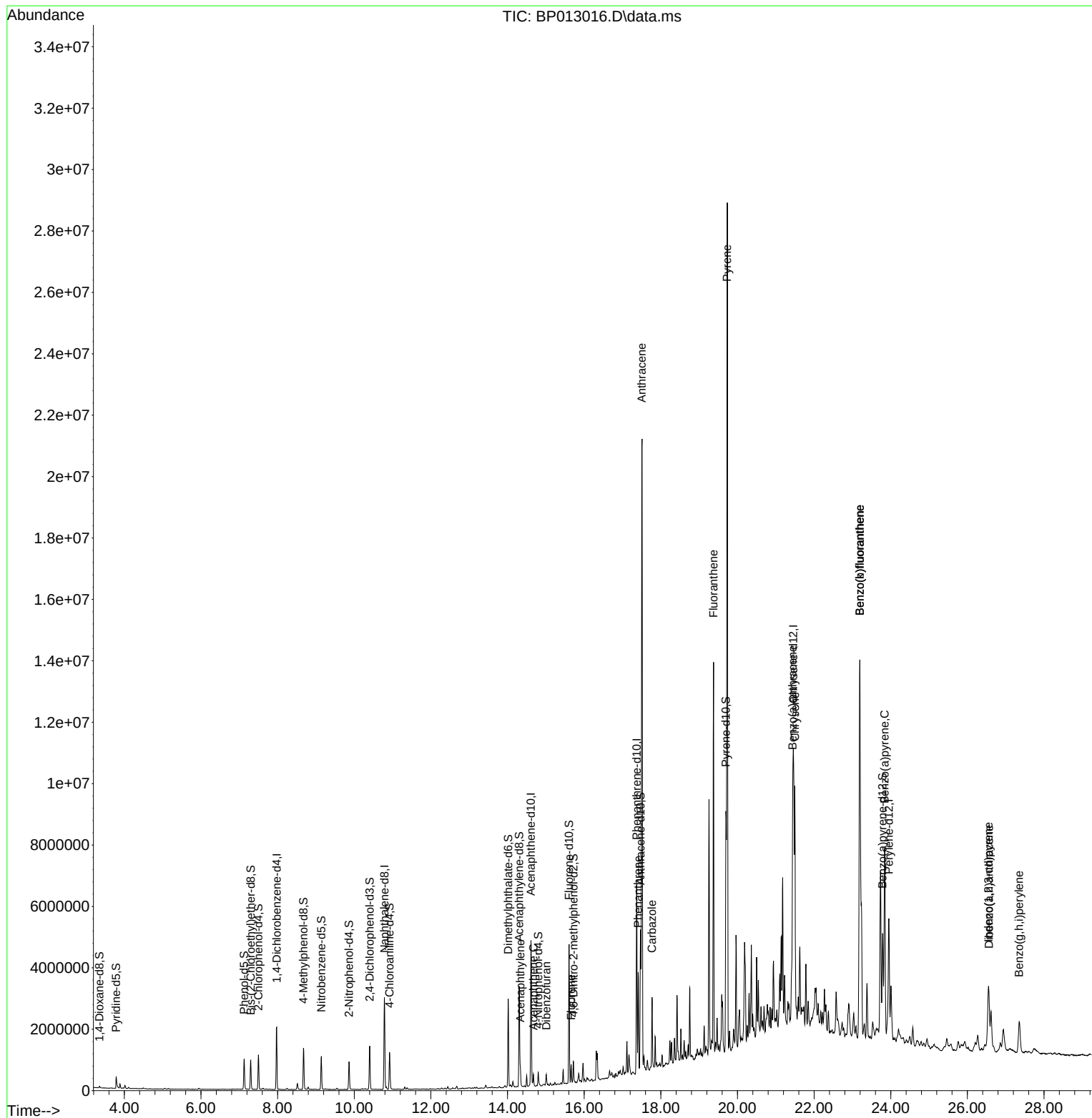
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	579087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	2532608	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1690262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3734393	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3347541	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3213599	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	28786	2.125	ng/uL	0.00
4) Pyridine-d5	3.787	84	213316	5.544	ng/ul	0.00
7) Phenol-d5	7.128	99	574091	12.171	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	409755	14.401	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	513819	13.838	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	510429	13.207	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	259768	13.960	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	301050	14.371	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	535328	13.156	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	674009	11.733	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	1954223	15.044	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	2202799	15.432	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	111322	4.764	ng/ul	0.00
60) Fluorene-d10	15.604	176	1799601	16.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	159184	6.624	ng/ul	0.00
73) Anthracene-d10	17.469	188	2827165	16.781	ng/ul	0.00
81) Pyrene-d10	19.698	212	3346236	17.415	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	2680888	16.737	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.334	152	430577	2.806	ng/ul	99
52) Acenaphthene	14.675	153	154947	1.457	ng/ul	99
56) Dibenzofuran	15.010	168	190895	1.263	ng/ul	98
61) Fluorene	15.657	166	263441	2.173	ng/ul	98
72) Phenanthrene	17.410	178	1994181	10.252	ng/ul	100
74) Anthracene	17.504	178	13758520	70.841	ng/ul	95
77) Carbazole	17.769	167	1343885	8.216	ng/ul	99
80) Fluoranthene	19.375	202	7379761	33.839	ng/ul	100
82) Pyrene	19.728	202	15425581	68.569	ng/ul#	92
85) Benzo(a)anthracene	21.439	228	3669626	16.513	ng/ul	97
87) Chrysene	21.498	228	3219647	15.320	ng/ul	98
90) Benzo(b)fluoranthene	23.192	252	11958022	58.354	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	11958022	58.848	ng/ul	98
93) Benzo(a)pyrene	23.839	252	4831143	27.076	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.551	276	2342949	10.542	ng/ul	97
95) Dibenzo(a,h)anthracene	26.562	278	628003	3.413	ng/ul#	86
96) Benzo(g,h,i)perylene	27.351	276	1492516	8.365	ng/ul	99

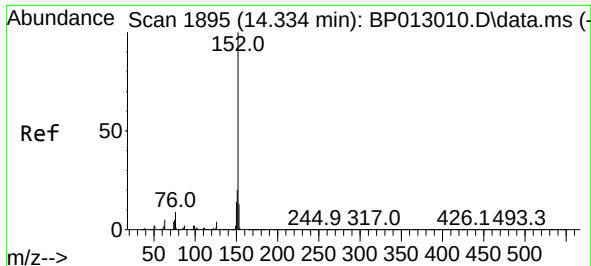
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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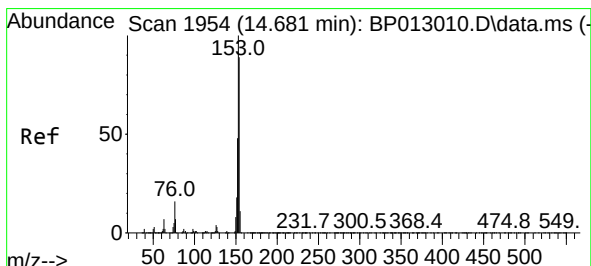
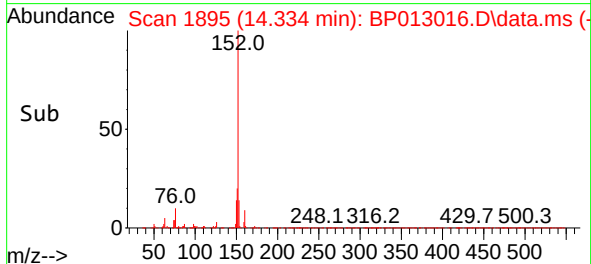
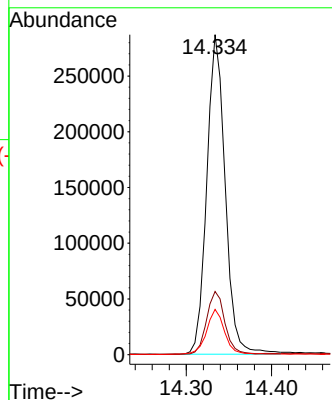
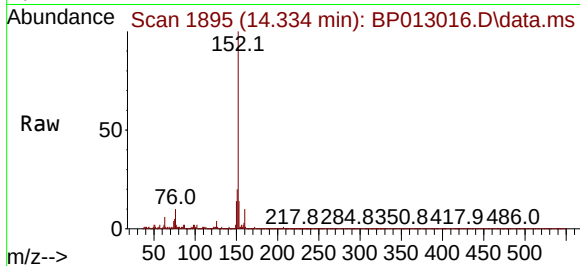




#50
Acenaphthylene
Concen: 2.806 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

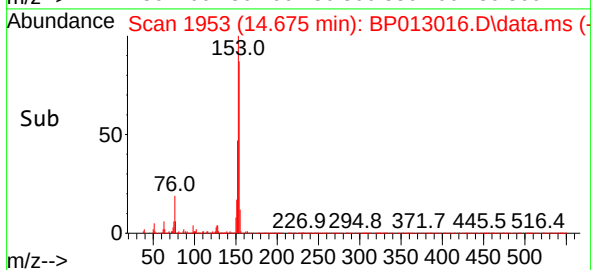
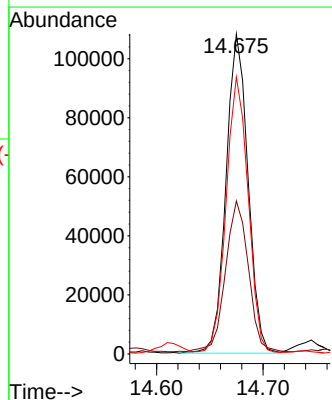
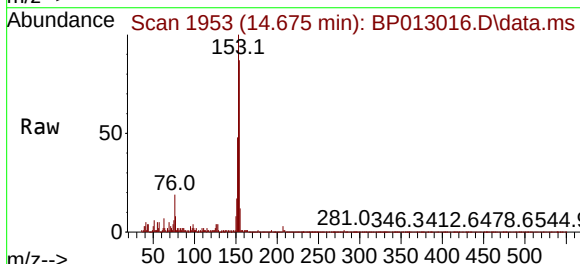
Instrument :
BNA_P
ClientSampleId :
DBXM4

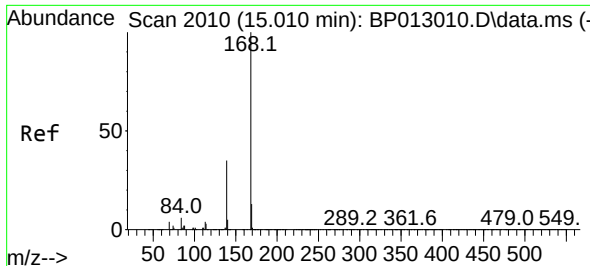
Tgt Ion:152 Resp: 430577
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 14.2 10.6 16.0



#52
Acenaphthene
Concen: 1.457 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Tgt Ion:153 Resp: 154947
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 86.6 70.8 106.2

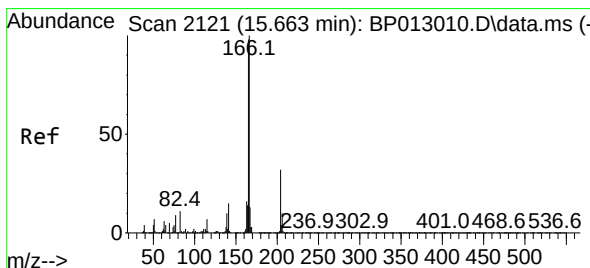
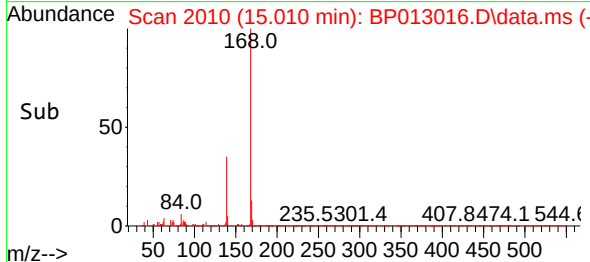
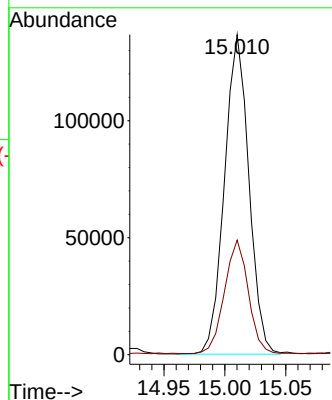
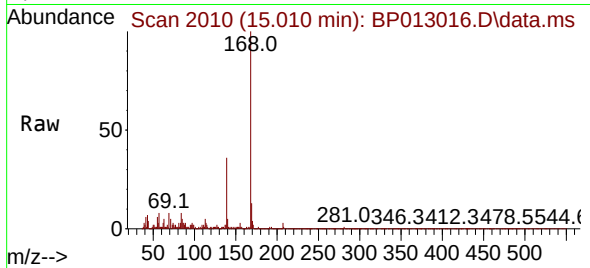




#56
Dibenzenofuran
Concen: 1.263 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

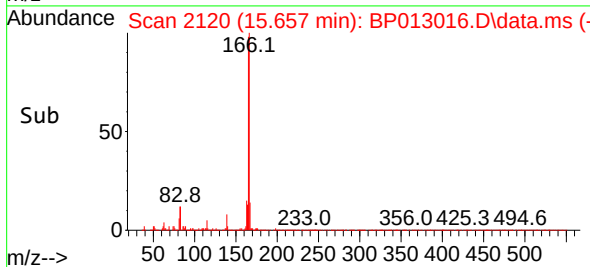
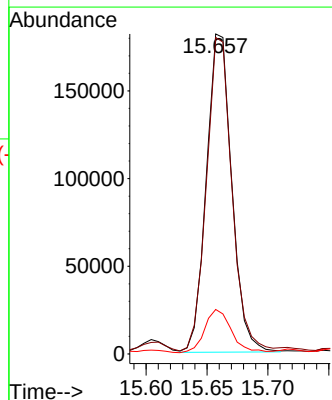
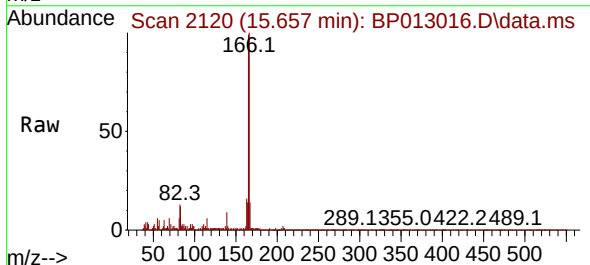
Instrument :
BNA_P
ClientSampleId :
DBXM4

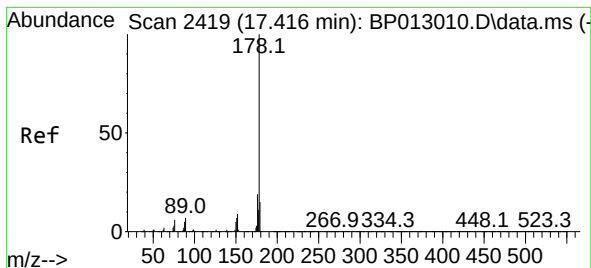
Tgt Ion:168 Resp: 190895
Ion Ratio Lower Upper
168 100
139 35.8 27.9 41.9



#61
Fluorene
Concen: 2.173 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Tgt Ion:166 Resp: 263441
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.2
167 13.9 10.6 16.0





#72

Phenanthrene

Concen: 10.252 ng/ul

RT: 17.410 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

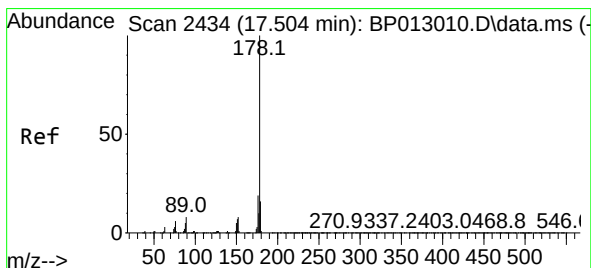
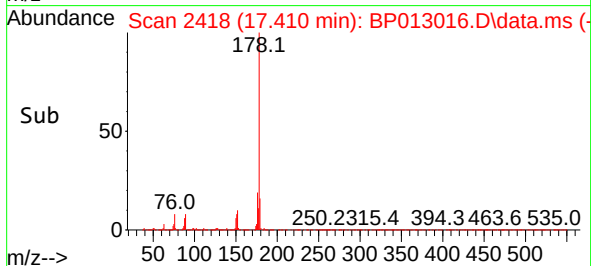
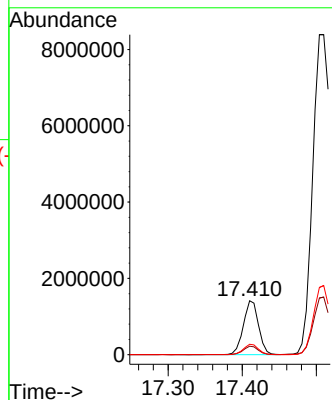
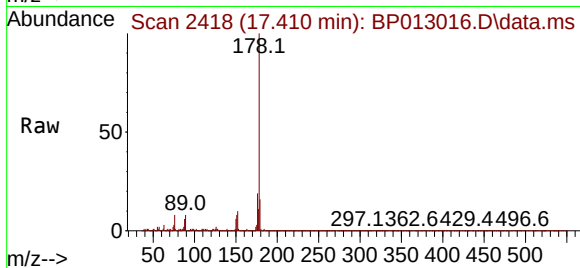
Tgt Ion:178 Resp: 1994181

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.2 15.4 23.0



#74

Anthracene

Concen: 70.841 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

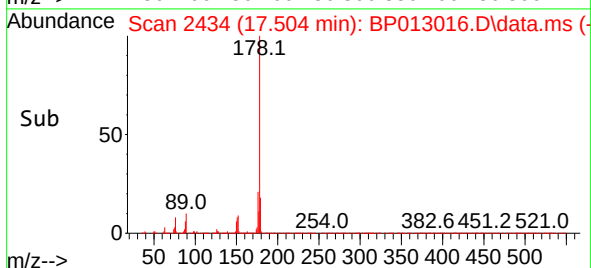
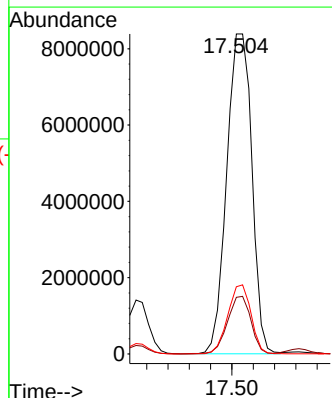
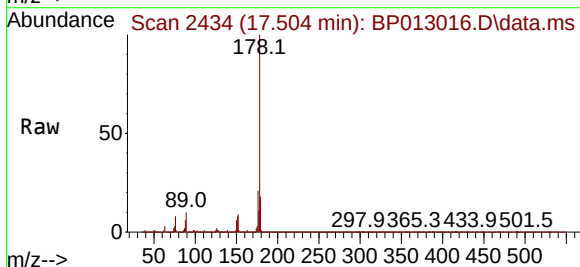
Tgt Ion:178 Resp:13758520

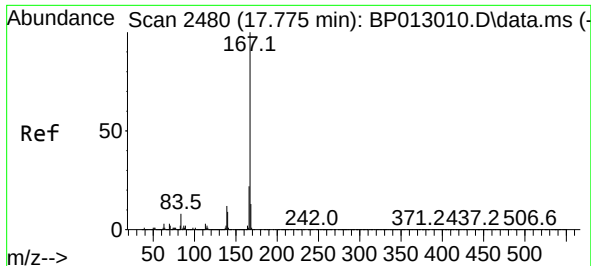
Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

176 21.0 14.8 22.2

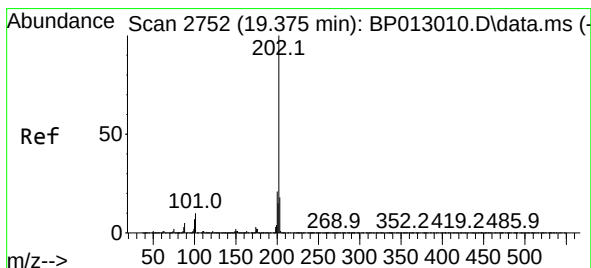
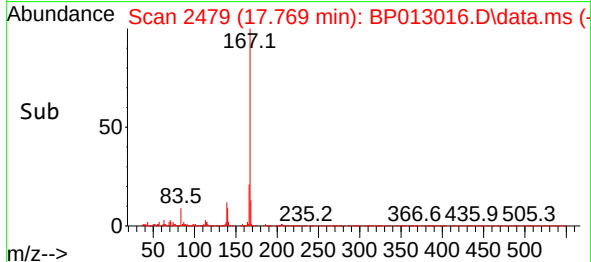
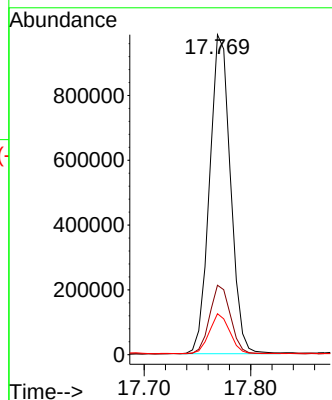
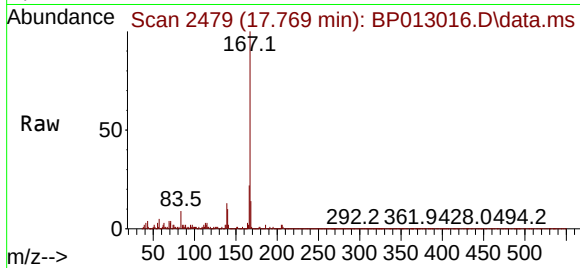




#77
 Carbazole
 Concen: 8.216 ng/ul
 RT: 17.769 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP013016.D
 Acq: 09 Dec 2022 13:58

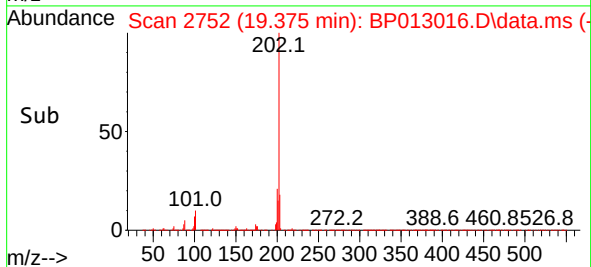
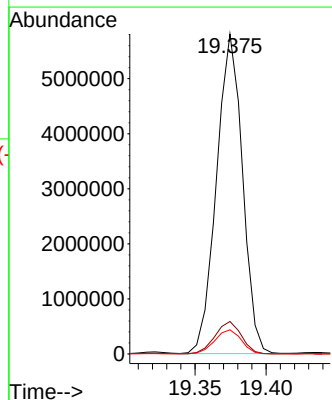
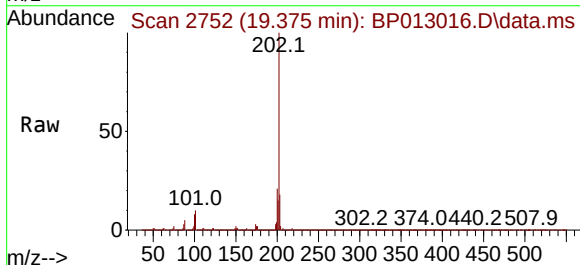
Instrument :
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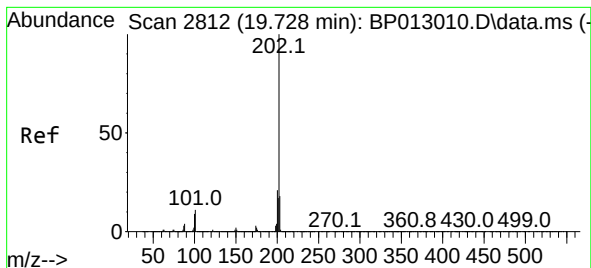
Tgt Ion:167 Resp: 1343885
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 9.4 14.2



#80
 Fluoranthene
 Concen: 33.839 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013016.D
 Acq: 09 Dec 2022 13:58

Tgt Ion:202 Resp: 7379761
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.2
 100 7.5 6.1 9.1





#82

Pyrene

Concen: 68.569 ng/ul

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

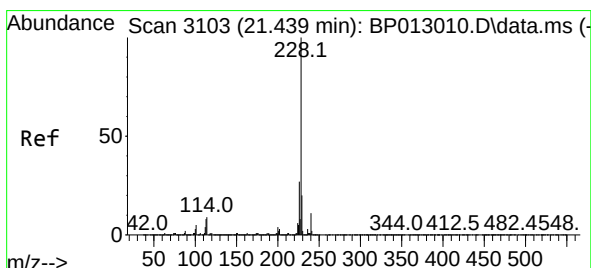
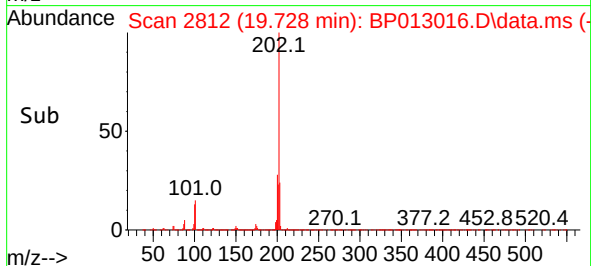
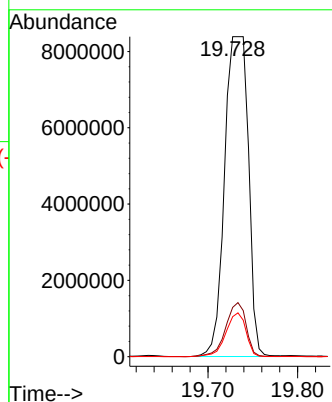
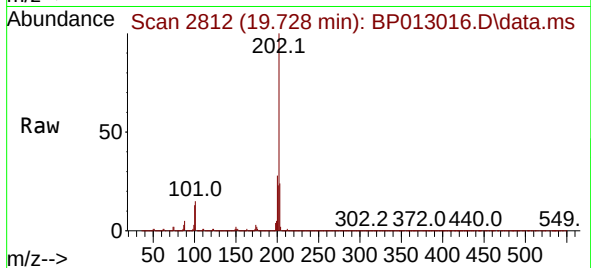
Tgt Ion:202 Resp:15425581

Ion Ratio Lower Upper

202 100

101 15.4 9.4 14.2#

100 12.5 7.8 11.8#



#85

Benzo(a)anthracene

Concen: 16.513 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

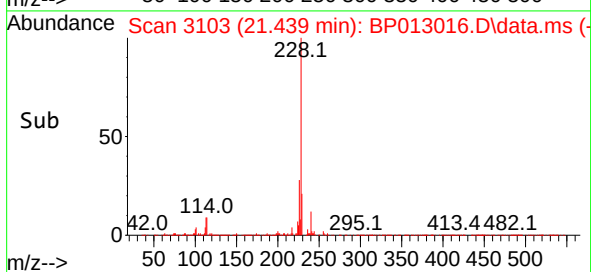
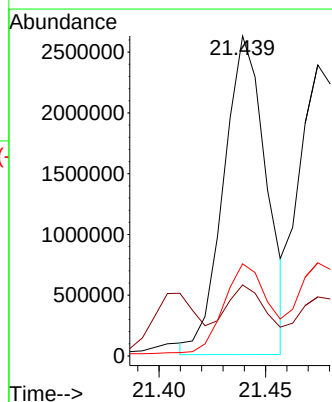
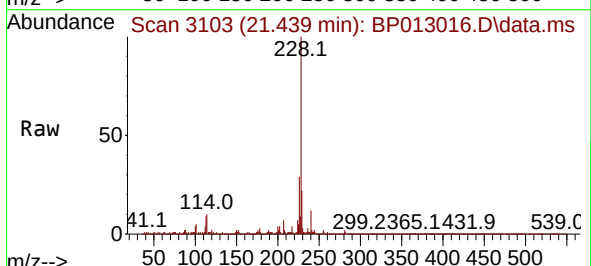
Tgt Ion:228 Resp: 3669626

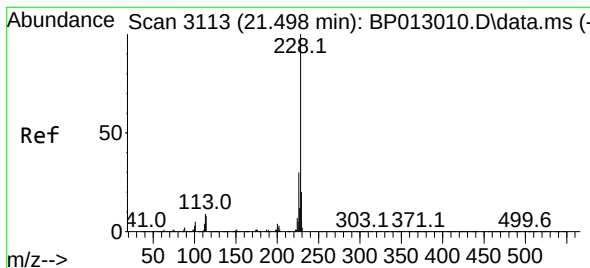
Ion Ratio Lower Upper

228 100

229 22.2 16.1 24.1

226 28.8 22.0 33.0





#87

Chrysene

Concen: 15.320 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

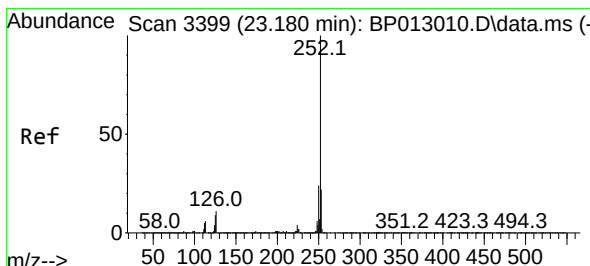
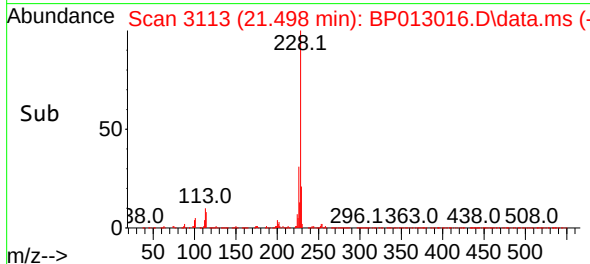
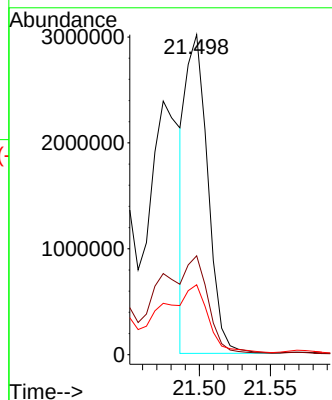
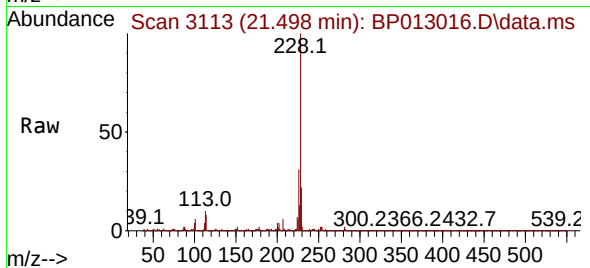
Tgt Ion:228 Resp: 3219647

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 21.9 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 58.354 ng/ul

RT: 23.192 min Scan# 3401

Delta R.T. 0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

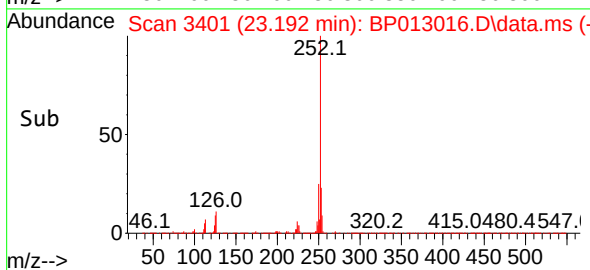
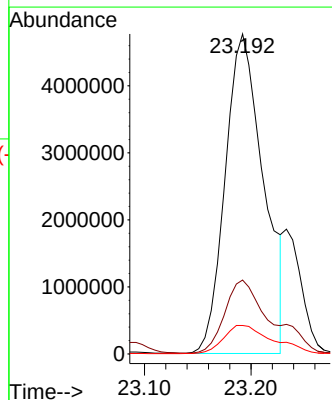
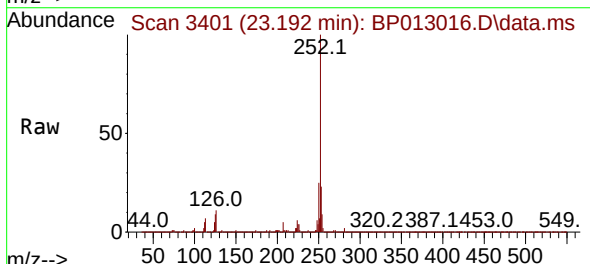
Tgt Ion:252 Resp:11958022

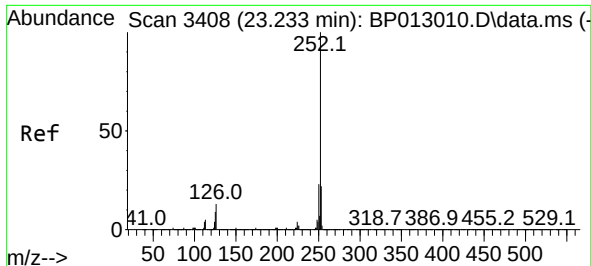
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 8.9 6.8 10.2

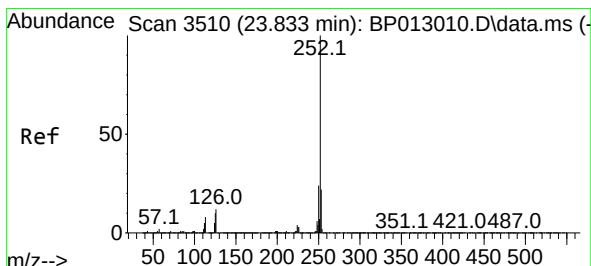
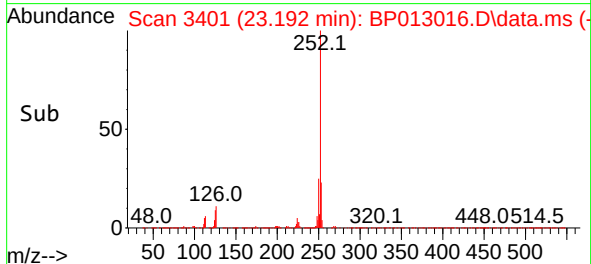
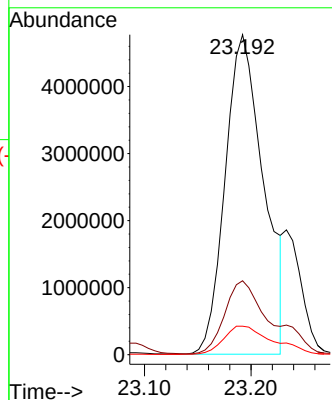
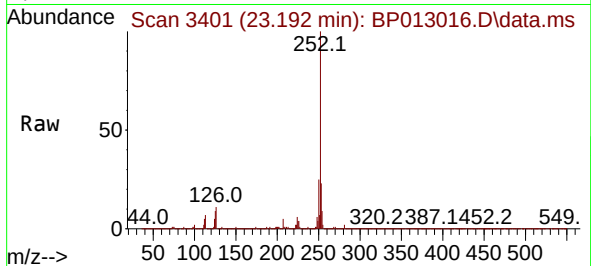




#91
Benzo(k)fluoranthene
Concen: 58.848 ng/ul
RT: 23.192 min Scan# 3408
Delta R.T. -0.041 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

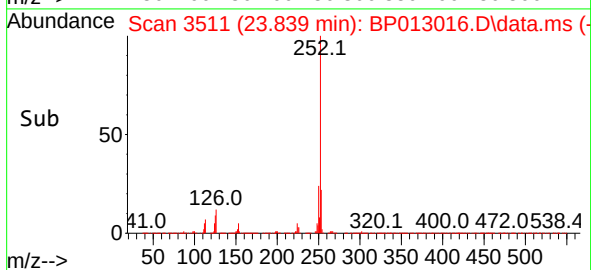
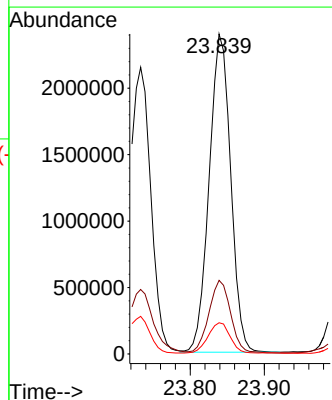
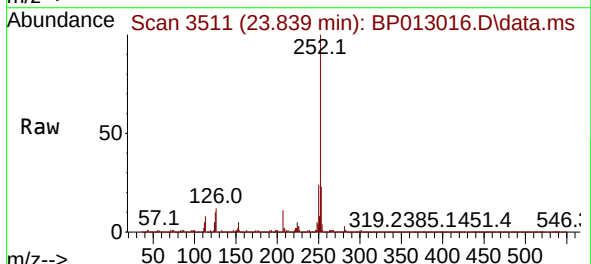
Instrument :
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ClientSampleId :
DBXM4

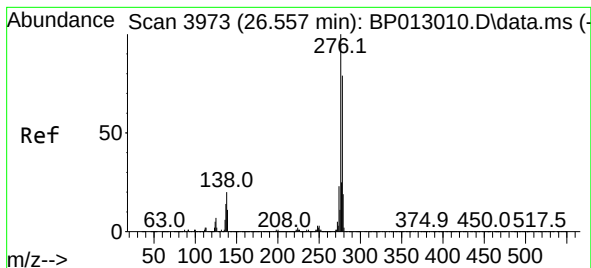
Tgt Ion:252 Resp:11958022
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 8.9 6.8 10.2



#93
Benzo(a)pyrene
Concen: 27.076 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Tgt Ion:252 Resp: 4831143
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.7 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.542 ng/ul

RT: 26.551 min Scan# 3973

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

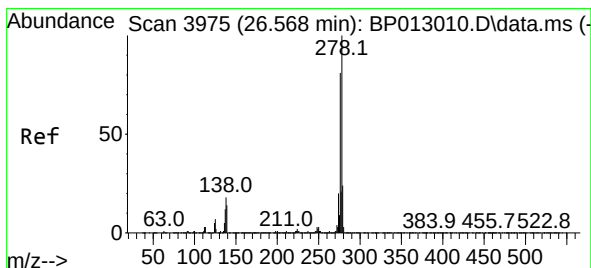
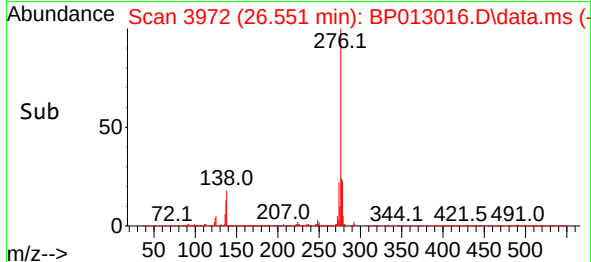
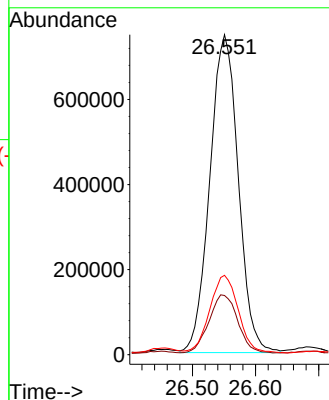
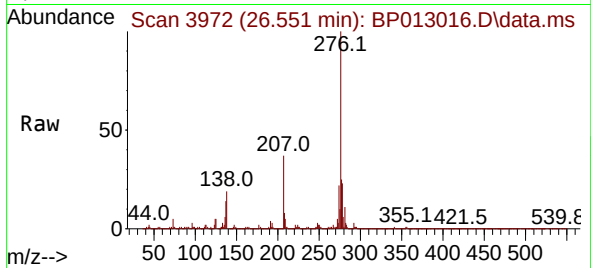
Tgt Ion:276 Resp: 2342949

Ion Ratio Lower Upper

276 100

138 18.5 17.1 25.7

277 24.8 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 3.413 ng/ul

RT: 26.562 min Scan# 3974

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

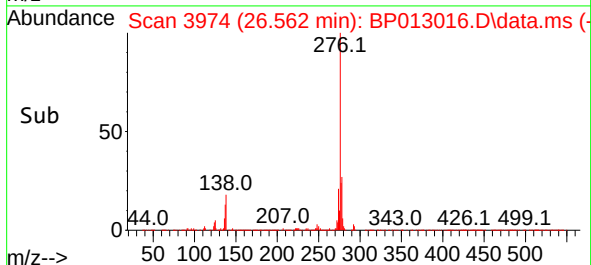
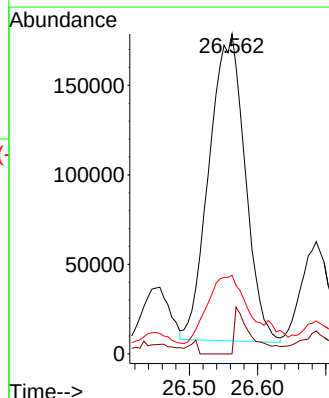
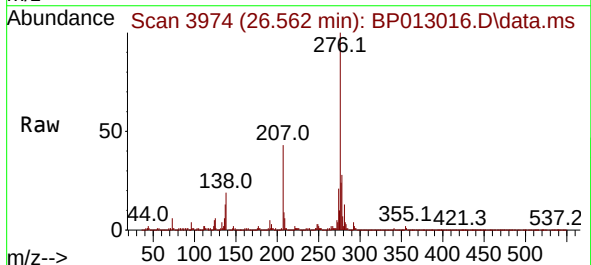
Tgt Ion:278 Resp: 628003

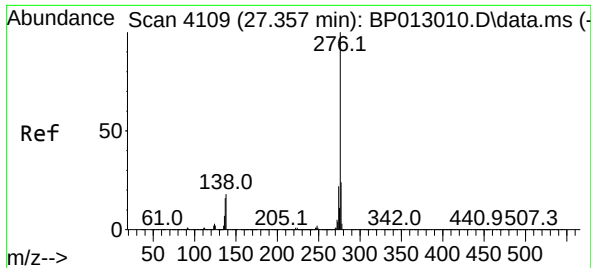
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

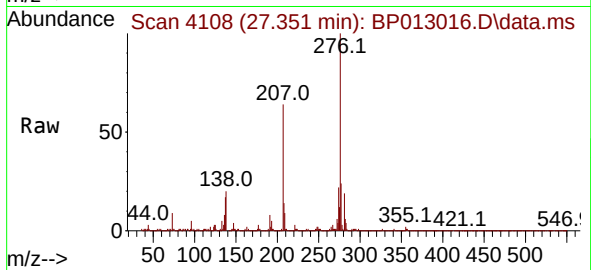
279 24.6 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 8.365 ng/ul
 RT: 27.351 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP013016.D
 Acq: 09 Dec 2022 13:58

Instrument :
 BNA_P
 ClientSampleId :
 DBXM4



Tgt Ion:276 Resp: 1492516

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.4	23.2
277	24.1	19.1	28.7

