

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017414.D
 Acq On : 28 Sep 2023 15:15
 Operator : MA/JU
 Sample : 04417-40
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYE7

Quant Time: Sep 28 22:30:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 2023
 Response via : Initial Calibration

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

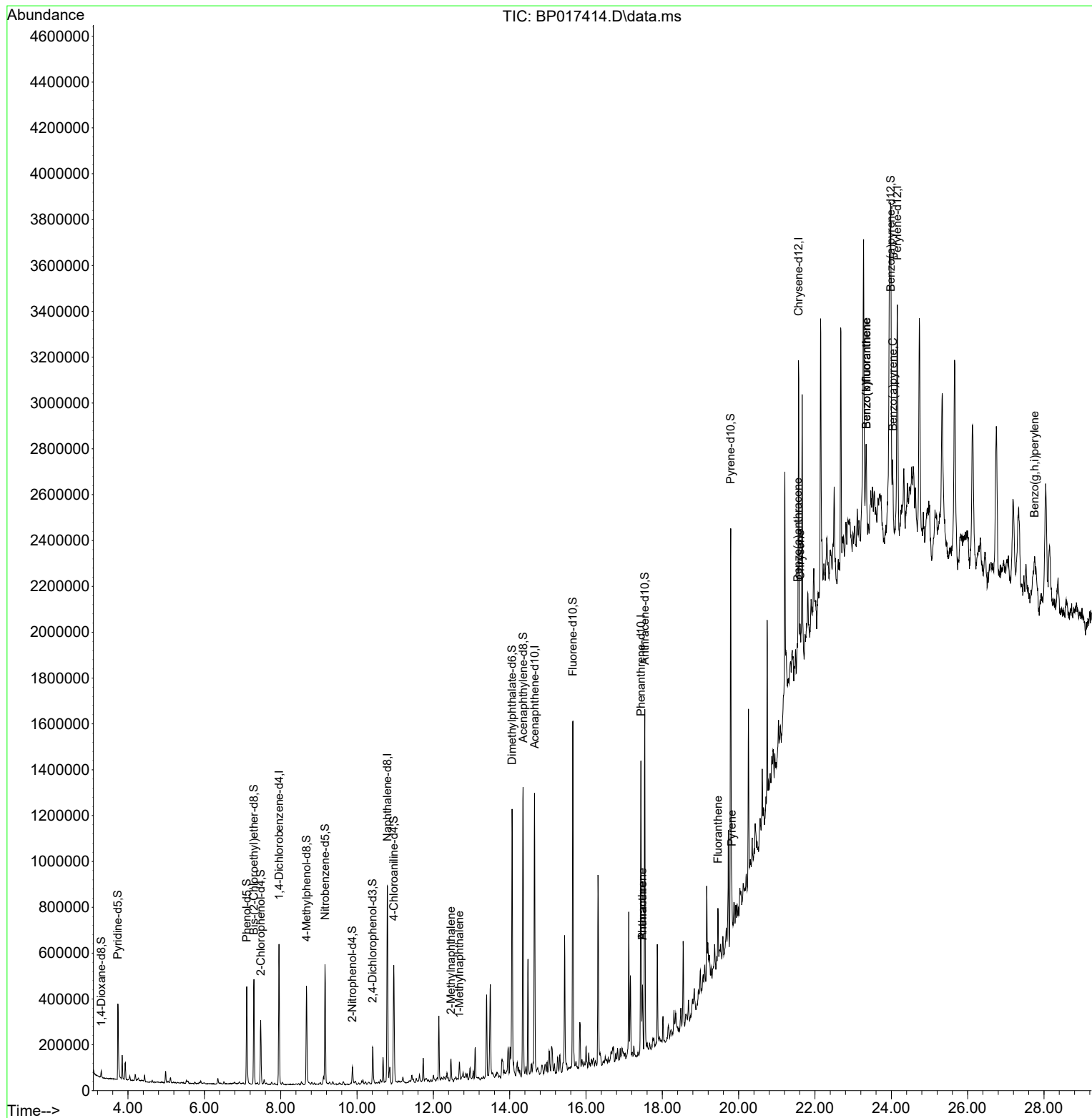
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	159640	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	700671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	395557	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	722641	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	603730	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	733577	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	13925	3.583	ng/uL	0.00
4) Pyridine-d5	3.734	84	176681	16.261	ng/ul	0.00
7) Phenol-d5	7.110	99	241432	18.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	190616	24.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	122571	11.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	161881	15.881	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	122538	24.191	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	24546	4.463	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	60254	5.798	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	281476	18.699	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	717222	25.311	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	792645	24.321	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	145	0.029	ng/ul	0.01
60) Fluorene-d10	15.657	176	584240	23.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	462	0.113	ng/ul	0.00
73) Anthracene-d10	17.539	188	799850	24.957	ng/ul	0.00
81) Pyrene-d10	19.792	212	891222	27.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	896697	25.388	ng/ul	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.463	142	44920	1.886	ng/ul	97
37) 1-Methylnaphthalene	12.681	142	30265	1.243	ng/ul#	96
72) Phenanthrene	17.480	178	147641	3.901	ng/ul	99
74) Anthracene	17.480	178	147575	3.847	ng/ul	100
80) Fluoranthene	19.457	202	120001	3.152	ng/ul	98
82) Pyrene	19.822	202	90373	2.233	ng/ul	97
85) Benzo(a)anthracene	21.551	228	52756	1.295	ng/ul#	82
87) Chrysene	21.610	228	67075	1.749	ng/ul#	84
90) Benzo(b)fluoranthene	23.351	252	81484	1.884	ng/ul#	49
91) Benzo(k)fluoranthene	23.351	252	81484	1.867	ng/ul#	51
93) Benzo(a)pyrene	24.039	252	47794	1.155	ng/ul#	25
96) Benzo(g,h,i)perylene	27.750	276	55759	1.333	ng/ul#	64

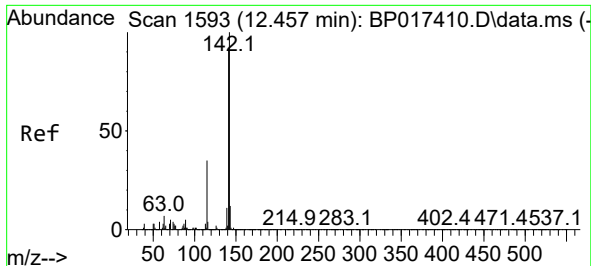
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 22:30:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 15:31:53 2023
Response via : Initial Calibration

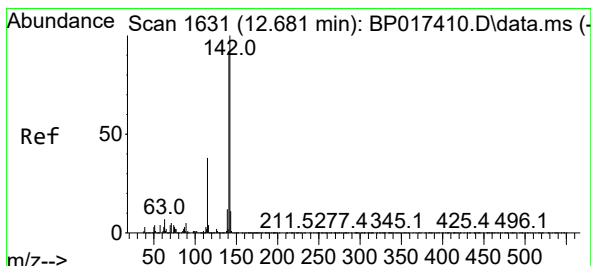
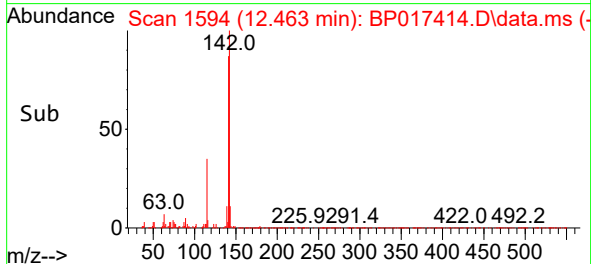
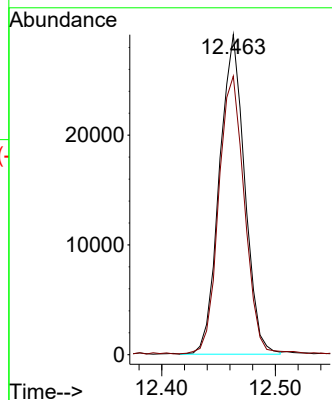
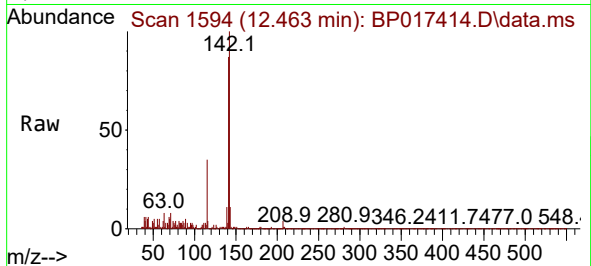




#36
2-Methylnaphthalene
Concen: 1.886 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

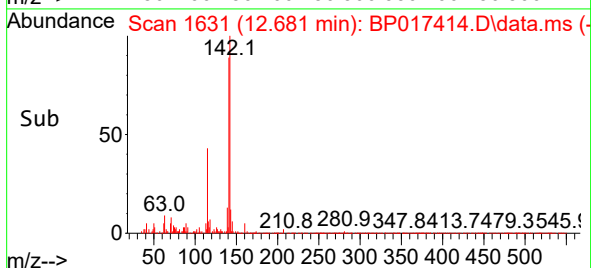
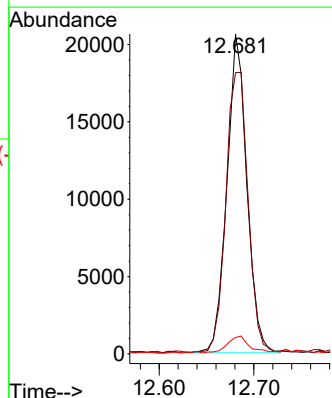
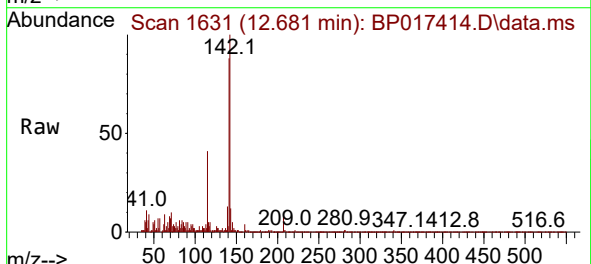
Instrument :
BNA_P
ClientSampleId :
EZY7

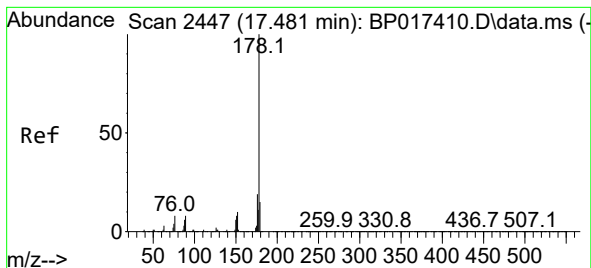
Tgt Ion:142 Resp: 44920
Ion Ratio Lower Upper
142 100
141 87.1 71.9 107.9



#37
1-Methylnaphthalene
Concen: 1.243 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

Tgt Ion:142 Resp: 30265
Ion Ratio Lower Upper
142 100
141 87.9 73.4 110.2
116 5.1 3.1 4.7#





#72

Phenanthrene

Concen: 3.901 ng/ul

RT: 17.480 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

Instrument :

BNA_P

ClientSampleId :

EZY7

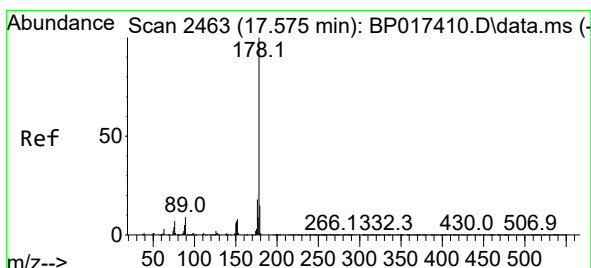
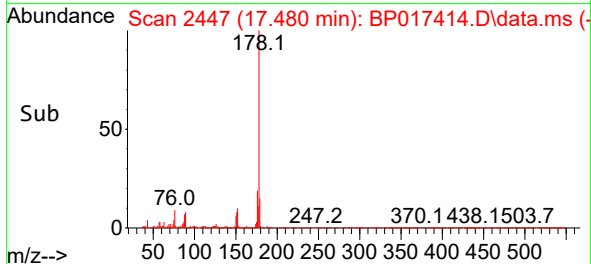
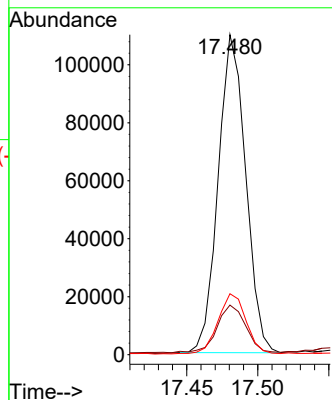
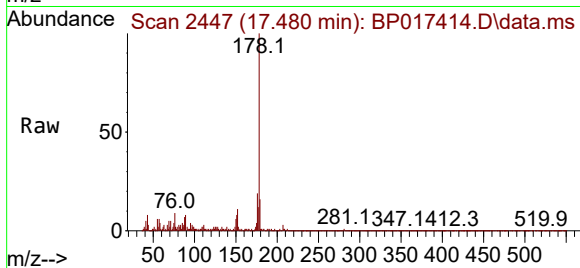
Tgt Ion:178 Resp: 147641

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 19.0 15.8 23.6



#74

Anthracene

Concen: 3.847 ng/ul

RT: 17.480 min Scan# 2447

Delta R.T. -0.094 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

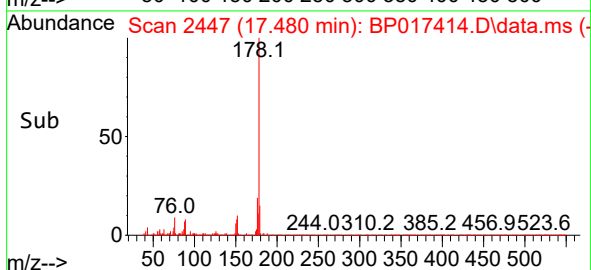
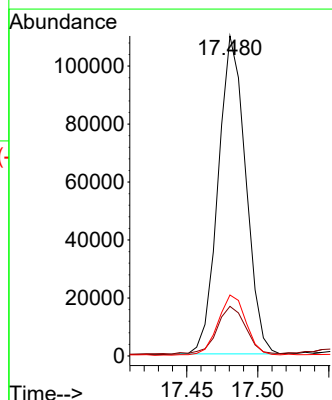
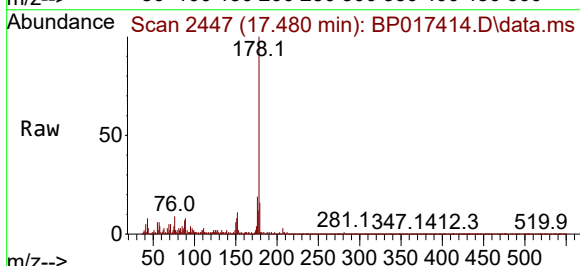
Tgt Ion:178 Resp: 147575

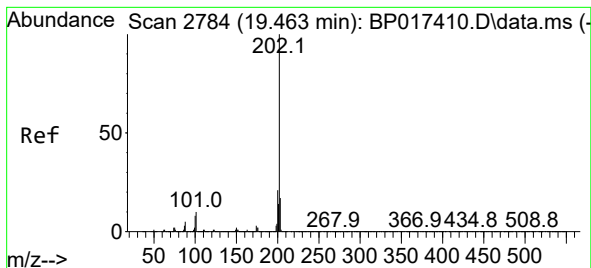
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.0 15.1 22.7





#80

Fluoranthene

Concen: 3.152 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

Instrument :

BNA_P

ClientSampleId :

EZY7

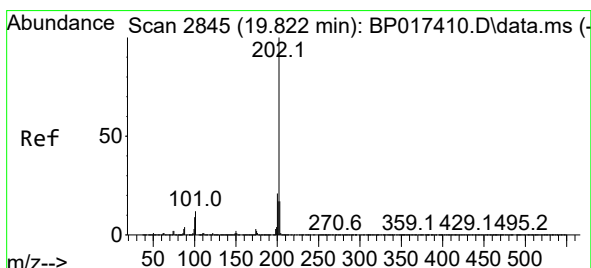
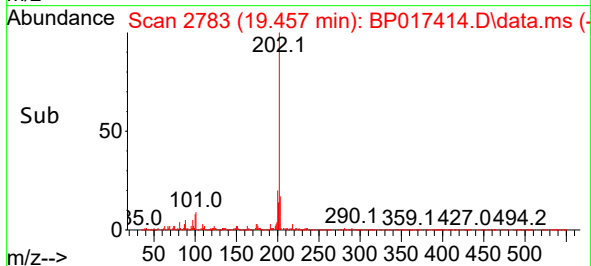
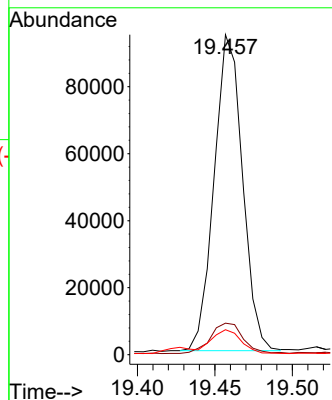
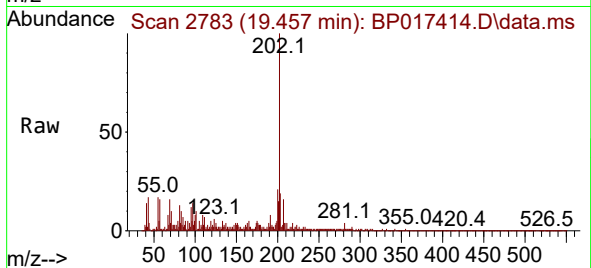
Tgt Ion:202 Resp: 120001

Ion Ratio Lower Upper

202 100

101 9.9 8.4 12.6

100 7.8 6.6 10.0



#82

Pyrene

Concen: 2.233 ng/ul

RT: 19.822 min Scan# 2845

Delta R.T. -0.000 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

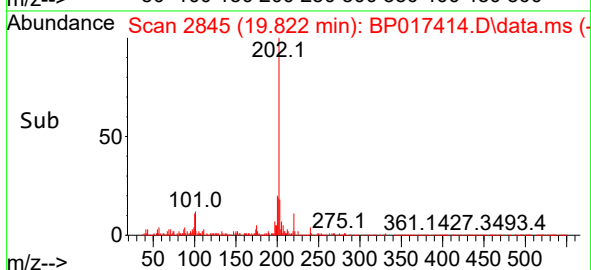
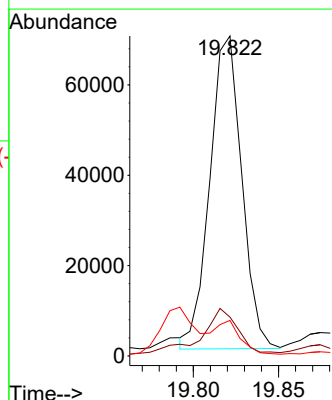
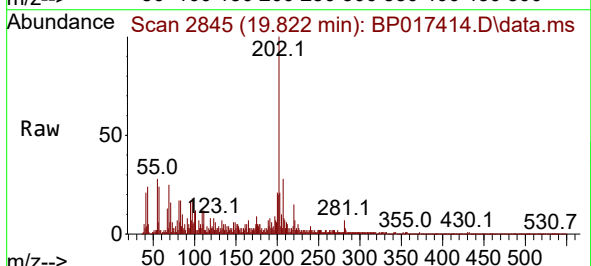
Tgt Ion:202 Resp: 90373

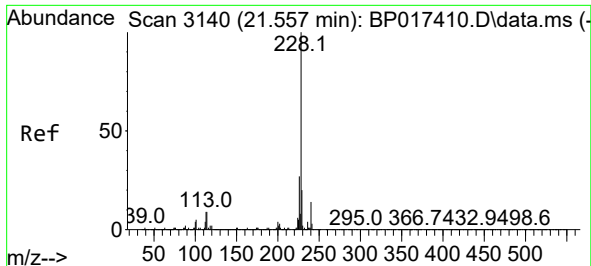
Ion Ratio Lower Upper

202 100

101 13.8 9.8 14.8

100 11.1 8.1 12.1

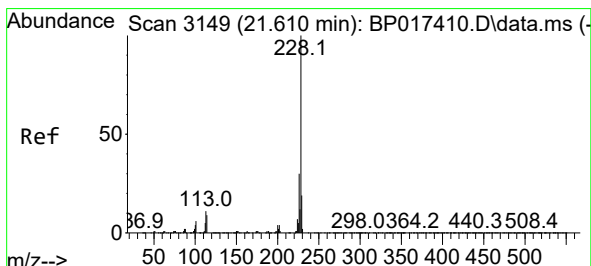
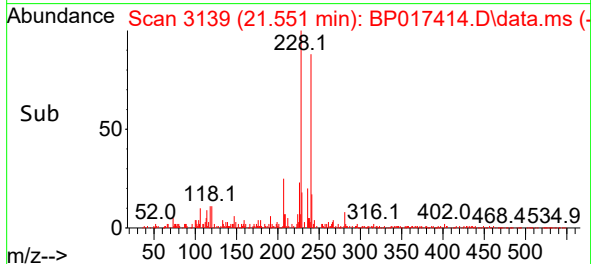
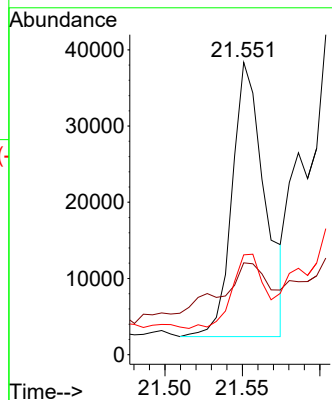
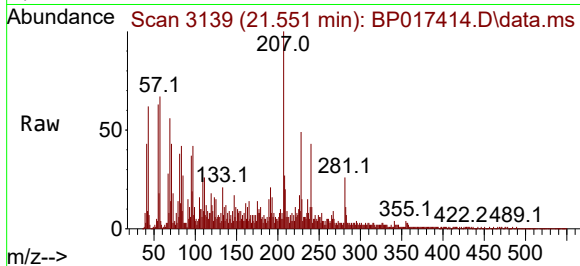




#85
Benzo(a)anthracene
Concen: 1.295 ng/ul
RT: 21.551 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

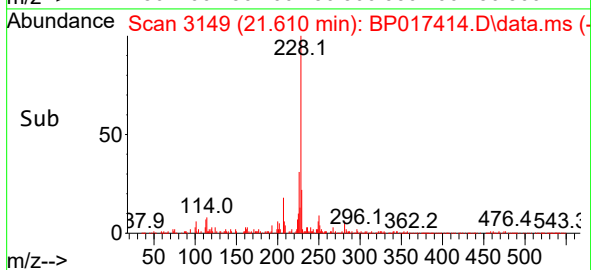
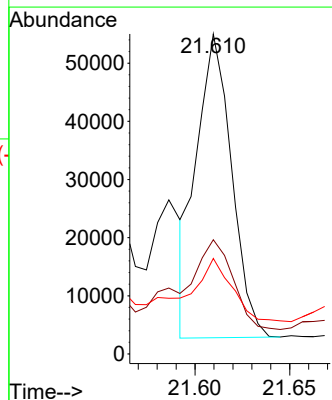
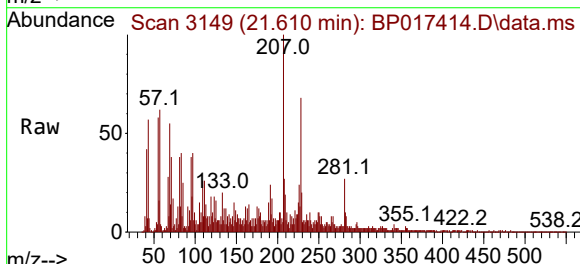
Instrument :
BNA_P
ClientSampleId :
EZY7

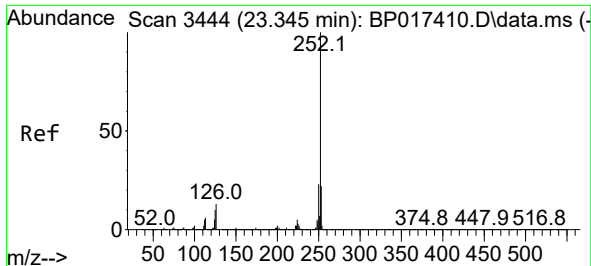
Tgt Ion:228 Resp: 52756
Ion Ratio Lower Upper
228 100
229 31.4 15.8 23.6#
226 34.2 21.8 32.8#



#87
Chrysene
Concen: 1.749 ng/ul
RT: 21.610 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

Tgt Ion:228 Resp: 67075
Ion Ratio Lower Upper
228 100
226 35.7 24.1 36.1
229 29.8 15.0 22.6#

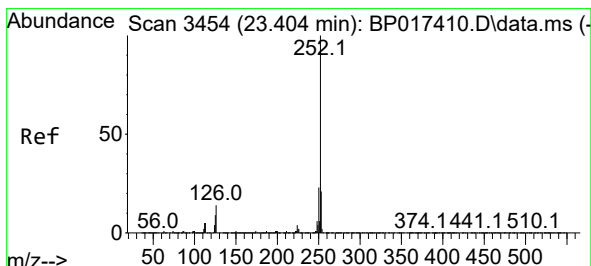
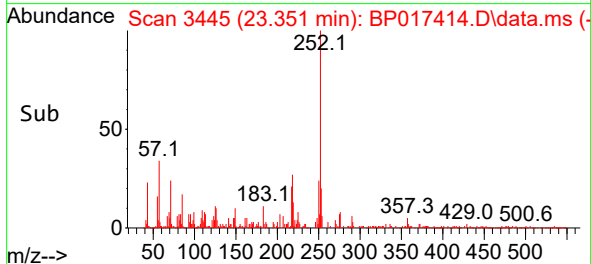
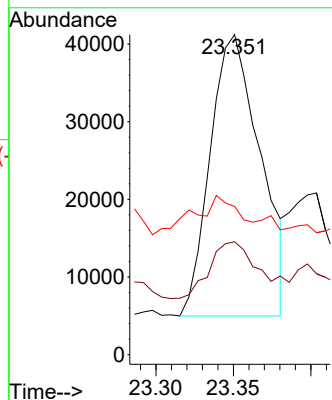
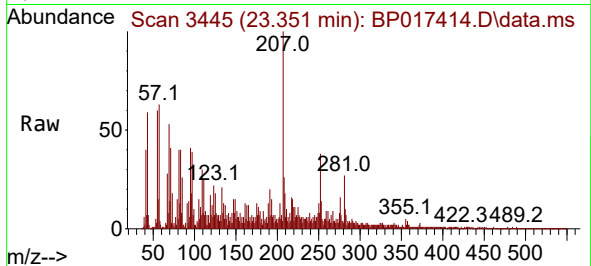




#90
Benzo(b)fluoranthene
Concen: 1.884 ng/ul
RT: 23.351 min Scan# 3445
Delta R.T. 0.006 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

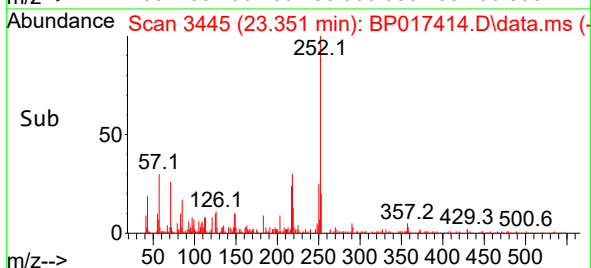
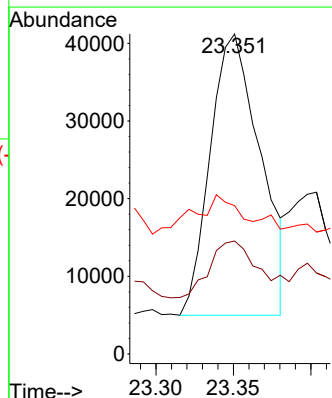
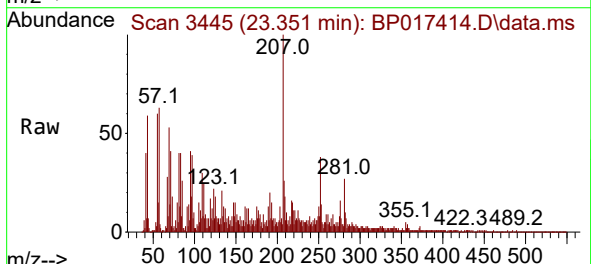
Instrument :
BNA_P
ClientSampleId :
EZY7

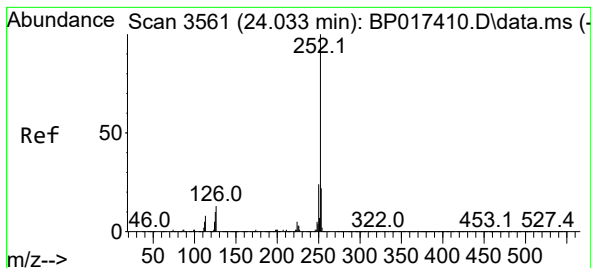
Tgt Ion:252 Resp: 81484
Ion Ratio Lower Upper
252 100
253 35.3 17.4 26.0#
125 46.4 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 1.867 ng/ul
RT: 23.351 min Scan# 3445
Delta R.T. -0.053 min
Lab File: BP017414.D
Acq: 28 Sep 2023 15:15

Tgt Ion:252 Resp: 81484
Ion Ratio Lower Upper
252 100
253 35.3 17.9 26.9#
125 46.4 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 1.155 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

Instrument :

BNA_P

ClientSampleId :

EZYE7

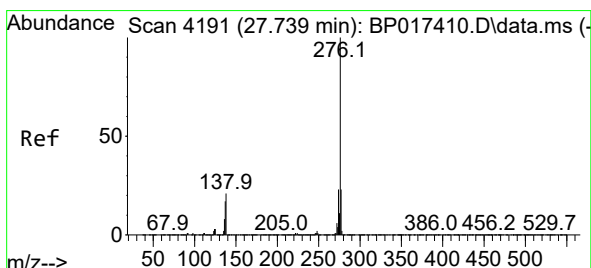
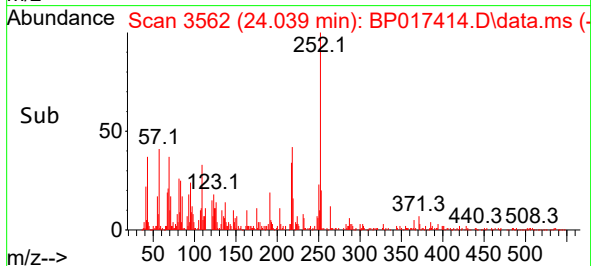
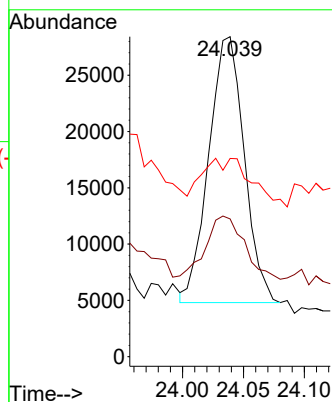
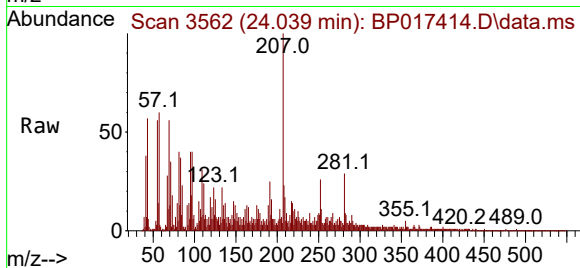
Tgt Ion:252 Resp: 47794

Ion Ratio Lower Upper

252 100

253 43.1 17.4 26.0#

125 61.9 8.9 13.3#



#96

Benzo(g,h,i)perylene

Concen: 1.333 ng/ul

RT: 27.750 min Scan# 4193

Delta R.T. 0.012 min

Lab File: BP017414.D

Acq: 28 Sep 2023 15:15

Tgt Ion:276 Resp: 55759

Ion Ratio Lower Upper

276 100

138 39.0 17.3 25.9#

277 40.5 18.8 28.2#

