

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017217.D
 Acq On : 18 Sep 2023 21:59
 Operator : MA/JU
 Sample : 04330-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 23:57:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	289468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1190222	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	690702	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1320455	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	888733	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1096130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	17193	2.496	ng/uL	0.00
4) Pyridine-d5	3.752	84	81673	4.145	ng/u1	0.00
7) Phenol-d5	7.099	99	374895	15.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	247493	16.823	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	299625	15.957	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	215733	11.059	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	156347	18.760	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	137019	15.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	253292	14.720	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	280520	10.816	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	971728	19.770	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1094667	19.628	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	238	0.025	ng/u1	-0.03
60) Fluorene-d10	15.604	176	854018	20.095	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	1235	0.167	ng/u1	0.00
73) Anthracene-d10	17.475	188	1180481	21.041	ng/u1	0.00
81) Pyrene-d10	19.721	212	1191637	25.566	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1123971	21.725	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.793	105	97884	3.206	ng/u1	97
72) Phenanthrene	17.422	178	147882	2.229	ng/u1	98
80) Fluoranthene	19.386	202	332547	6.104	ng/u1	98
82) Pyrene	19.745	202	330878	5.748	ng/u1	97
85) Benzo(a)anthracene	21.463	228	167159	2.873	ng/u1#	93
87) Chrysene	21.521	228	205194m	3.791	ng/u1	
90) Benzo(b)fluoranthene	23.221	252	334876	5.183	ng/u1#	80
91) Benzo(k)fluoranthene	23.268	252	111468	1.735	ng/u1#	59
93) Benzo(a)pyrene	23.892	252	202778	3.383	ng/u1#	72
94) Indeno(1,2,3-cd)pyrene	26.674	276	189253	2.851	ng/u1	93
96) Benzo(g,h,i)perylene	27.521	276	208881	4.070	ng/u1#	93

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

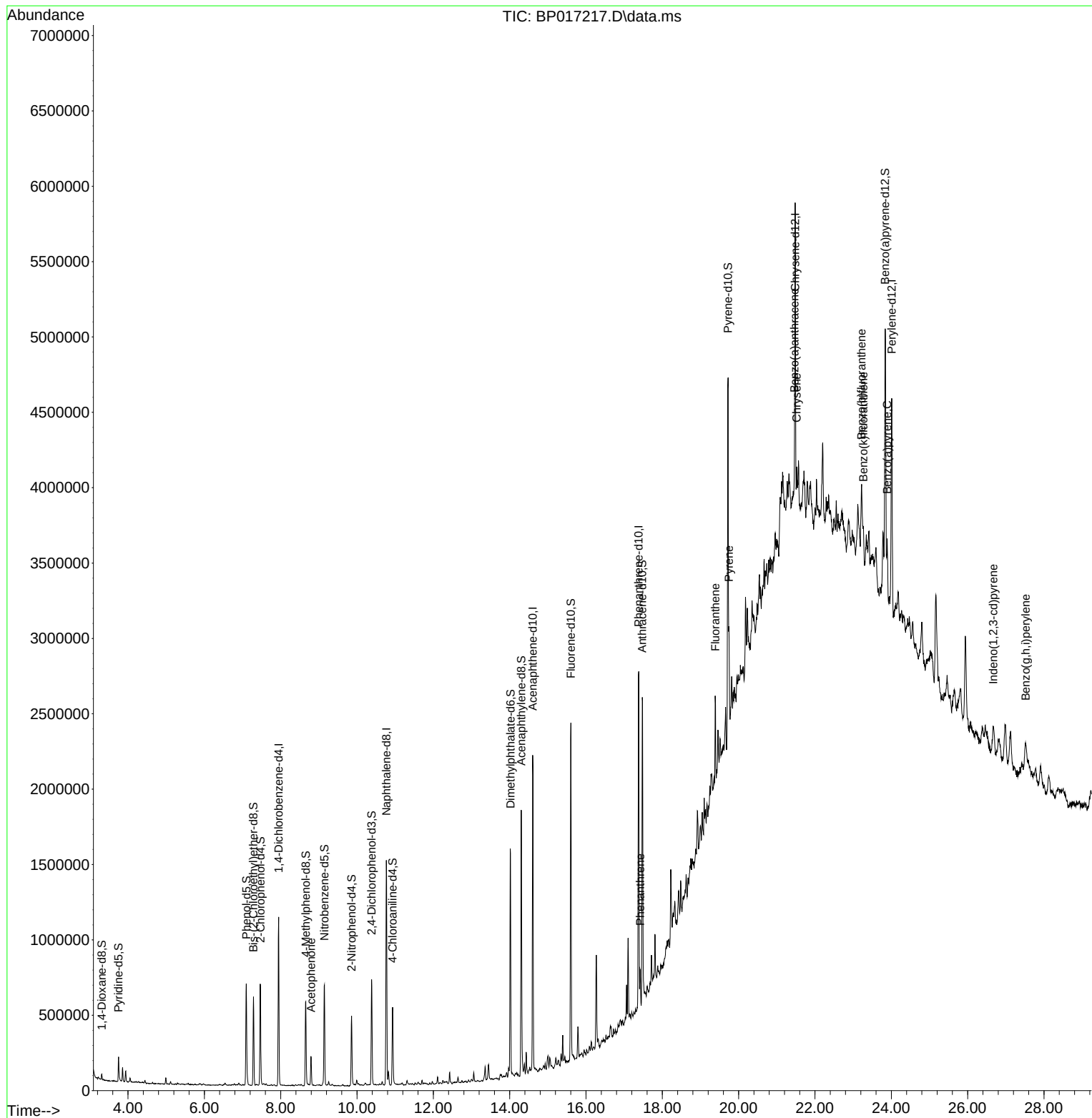
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
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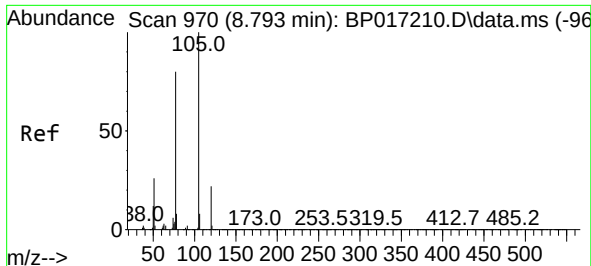
Instrument :
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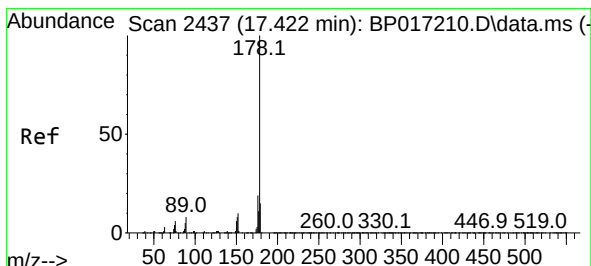
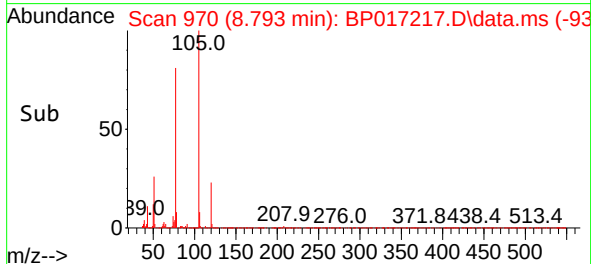
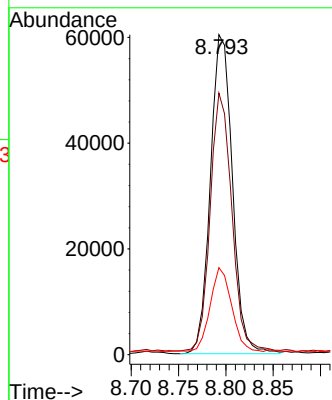
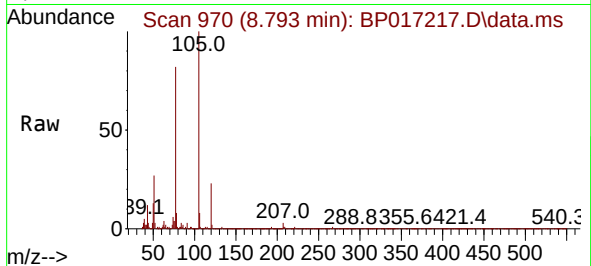
#16
Acetophenone
Concen: 3.206 ng/u1
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59

Instrument :
BNA_P
ClientSampleId :
EZYX7

Tgt Ion:105 Resp: 97884
Ion Ratio Lower Upper
105 100
77 81.8 63.0 94.4
51 27.2 20.5 30.7

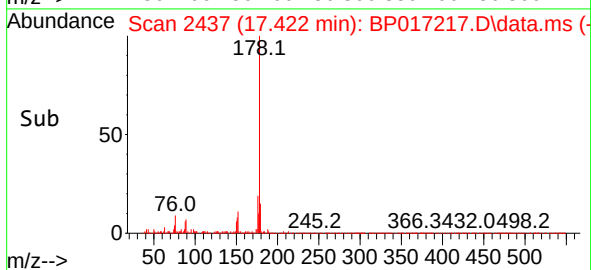
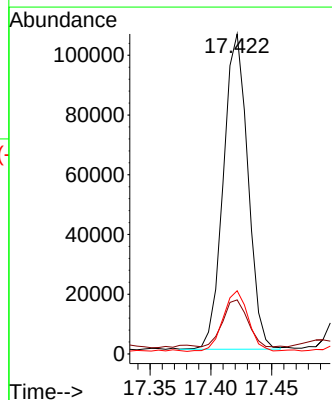
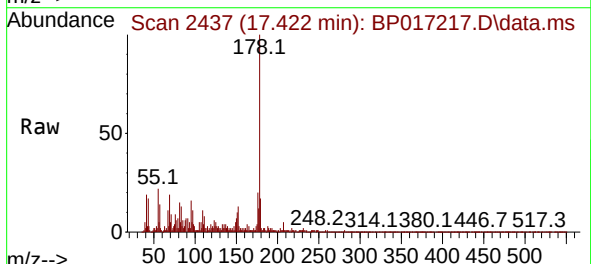
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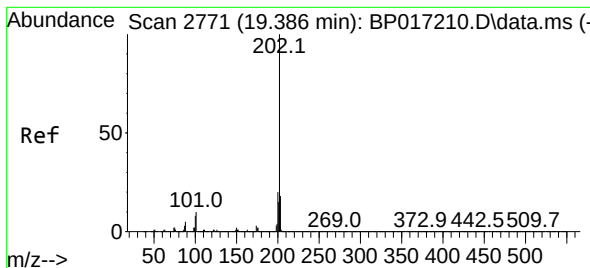
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Phenanthrene
Concen: 2.229 ng/u1
RT: 17.422 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59

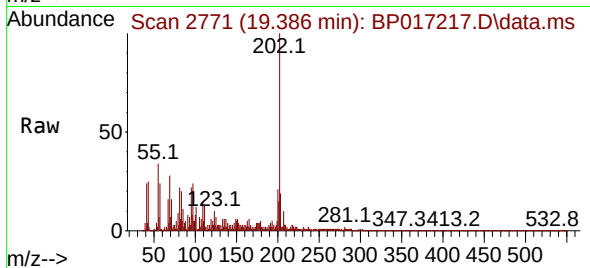
Tgt Ion:178 Resp: 147882
Ion Ratio Lower Upper
178 100
179 16.9 12.2 18.2
176 19.7 15.6 23.4





#80
Fluoranthene
Concen: 6.104 ng/u1
RT: 19.386 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59

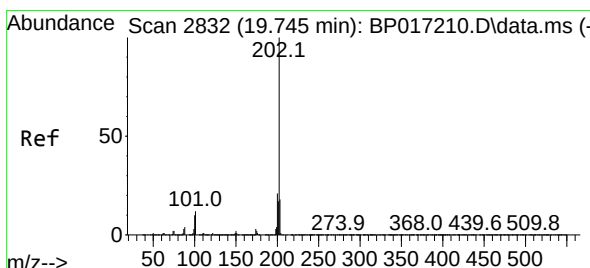
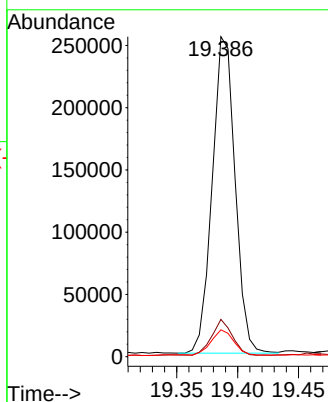
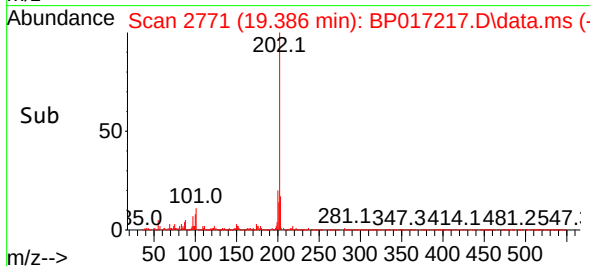
Instrument :
BNA_P
ClientSampleId :
EZYX7



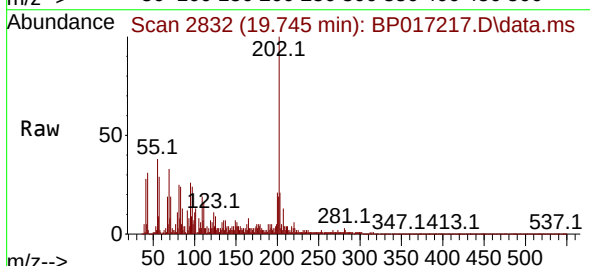
Tgt Ion:202 Resp: 33254
Ion Ratio Lower Upper
202 100
101 11.7 8.3 12.5
100 8.4 6.4 9.6

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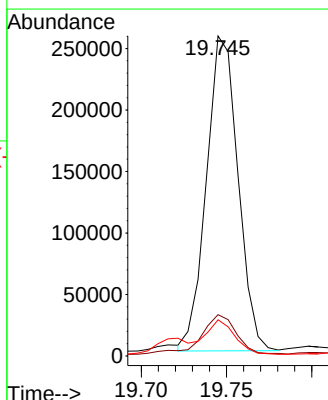
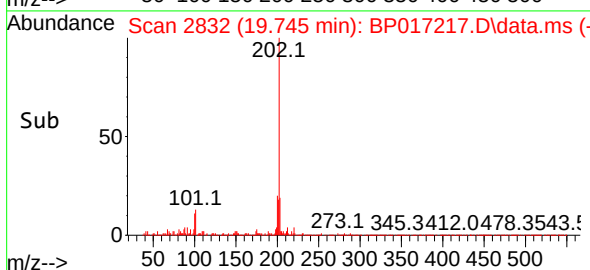
Reviewed By :Yogesh Patel 09/19/2023
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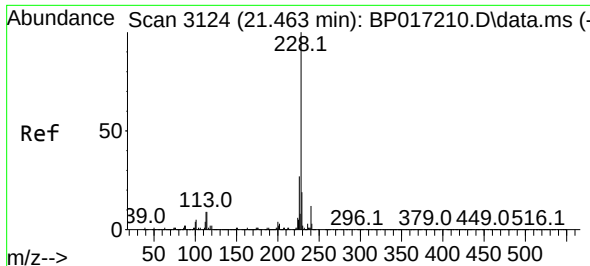


#82
Pyrene
Concen: 5.748 ng/u1
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59



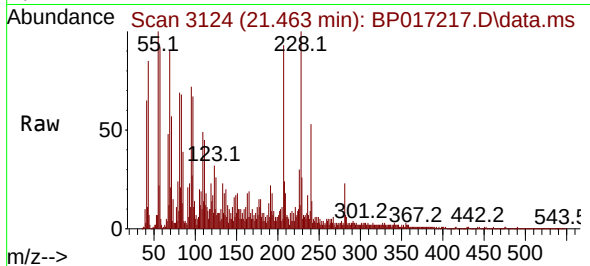
Tgt Ion:202 Resp: 330878
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 11.3 7.8 11.8





#85
Benzo(a)anthracene
Concen: 2.873 ng/ul
RT: 21.463 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59

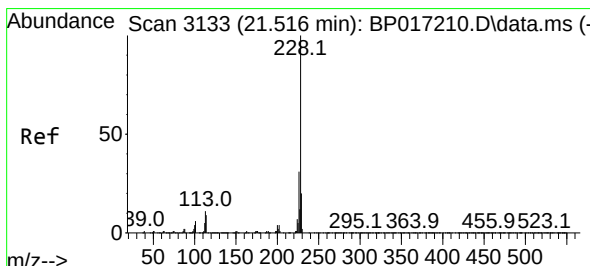
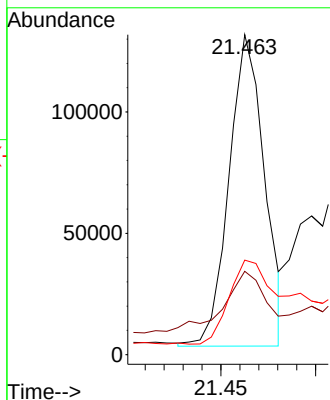
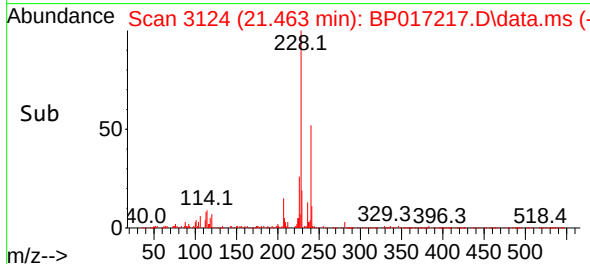
Instrument :
BNA_P
ClientSampleId :
EZYX7



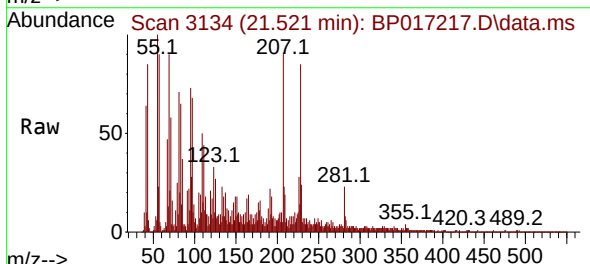
Tgt Ion:228 Resp: 167159
Ion Ratio Lower Upper
228 100
229 26.1 16.1 24.1
226 29.5 22.2 33.4

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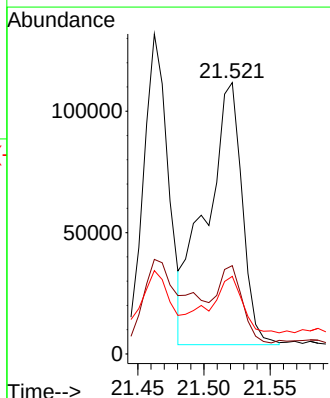
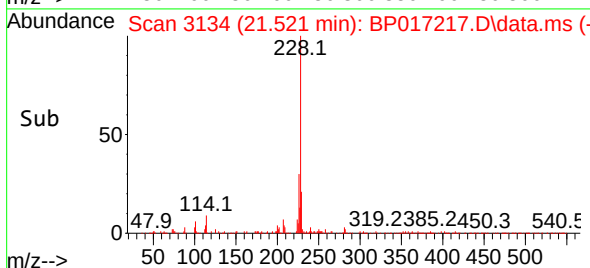
Reviewed By :Yogesh Patel 09/19/2023
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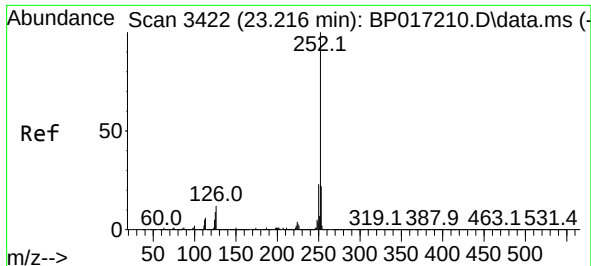


#87
Chrysene
Concen: 3.791 ng/ul m
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59



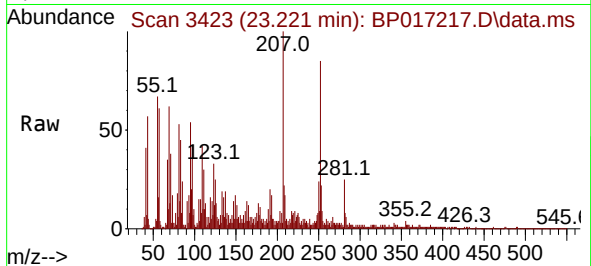
Tgt Ion:228 Resp: 205194
Ion Ratio Lower Upper
228 100
226 32.6 23.9 35.9
229 28.6 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 5.183 ng/ul
RT: 23.221 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59

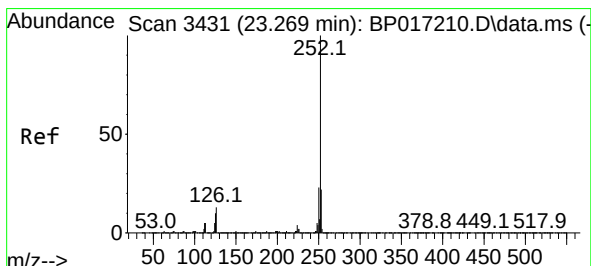
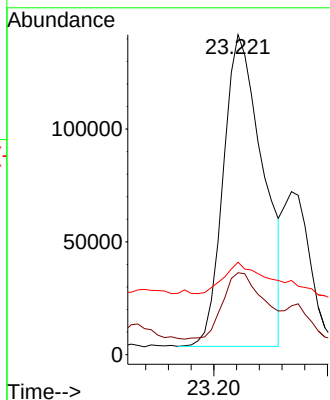
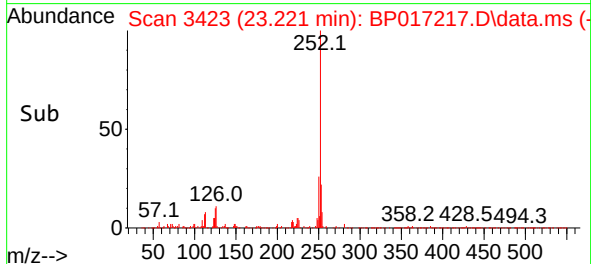
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BNA_P
ClientSampleId :
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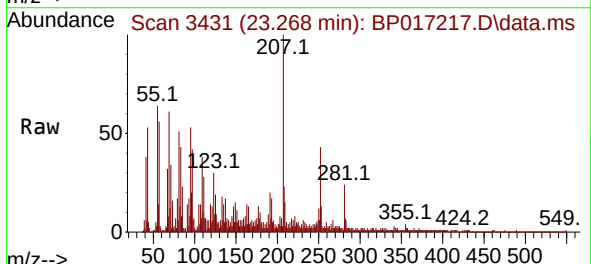
Tgt Ion:252 Resp: 334870
Ion Ratio Lower Upper
252 100
253 25.6 18.2 27.2
125 28.9 7.5 11.3

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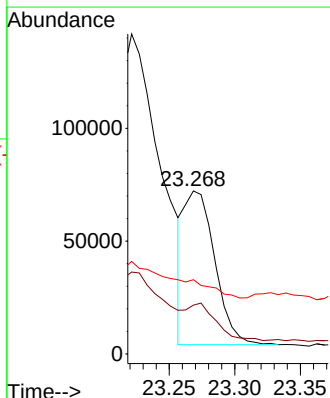
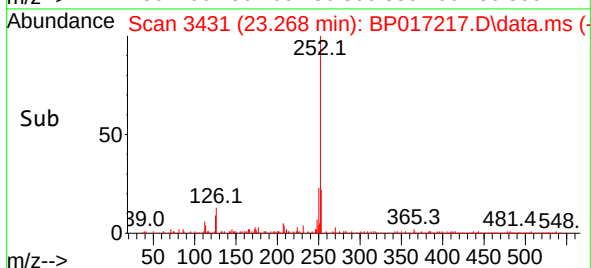
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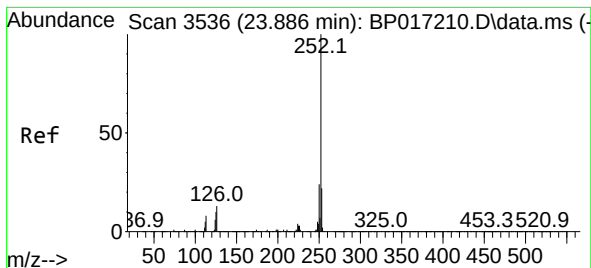


#91
Benzo(k)fluoranthene
Concen: 1.735 ng/ul
RT: 23.268 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BP017217.D
Acq: 18 Sep 2023 21:59



Tgt Ion:252 Resp: 111468
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.6#
125 45.6 7.4 11.2#





#93

Benzo(a)pyrene

Concen: 3.383 ng/ul

RT: 23.892 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP017217.D

Acq: 18 Sep 2023 21:59

Instrument :

BNA_P

ClientSampleId :

EZYX7

Tgt Ion:252 Resp: 202778

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.2

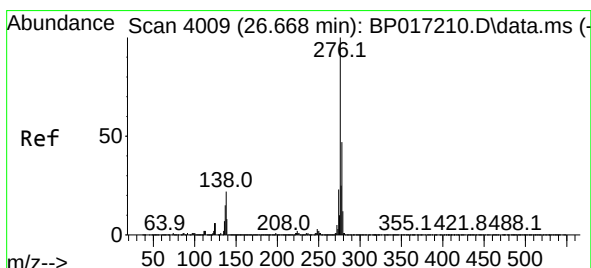
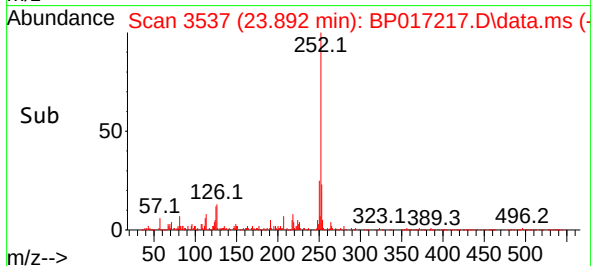
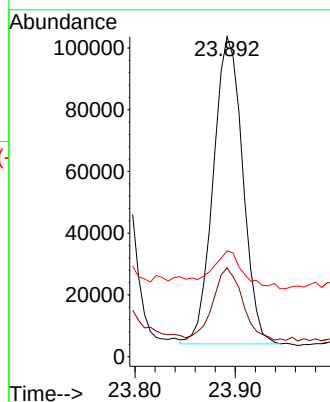
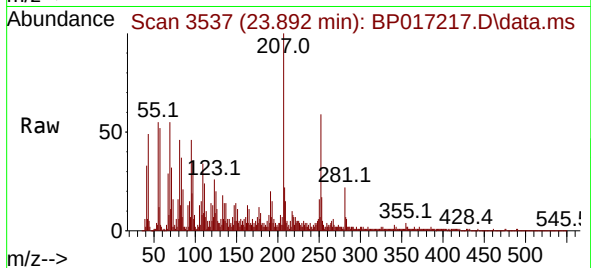
125 33.1 8.1 12.1

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.851 ng/ul

RT: 26.674 min Scan# 4010

Delta R.T. -0.000 min

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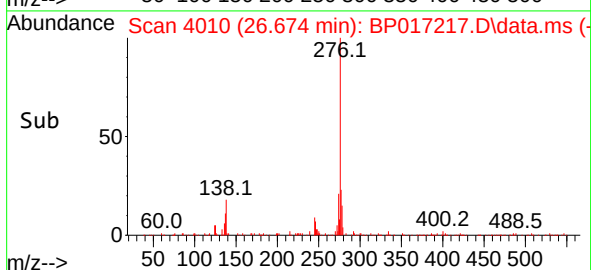
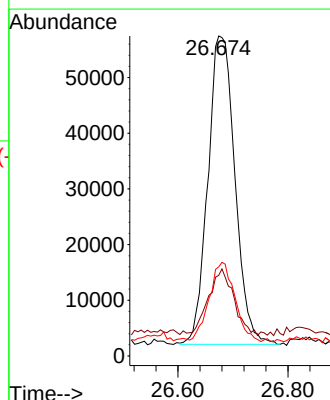
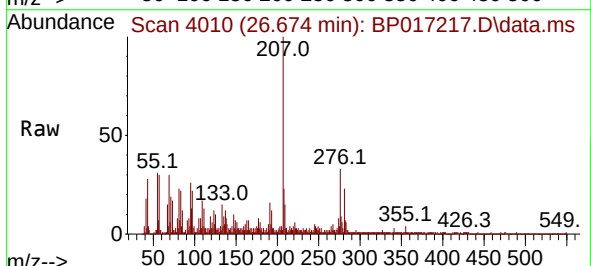
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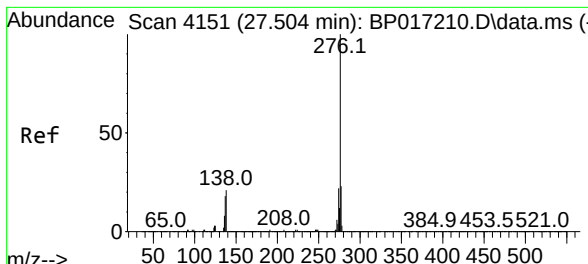
Ion Ratio Lower Upper

276 100

138 25.2 17.5 26.3

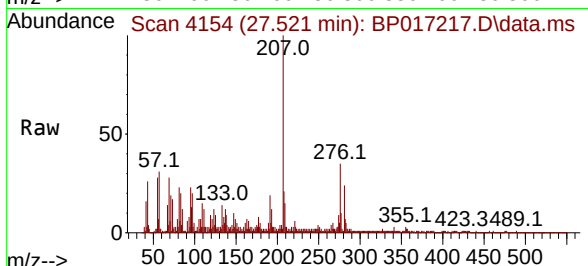
277 27.9 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 4.070 ng/ul
 RT: 27.521 min Scan# 4154
 Delta R.T. 0.012 min
 Lab File: BP017217.D
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Instrument :
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Tgt Ion: 276 Resp: 20888
 Ion Ratio Lower Upper
 276 100
 138 24.7 16.2 24.4
 277 27.3 19.6 29.4

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