

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021423.D
 Acq On : 07 Aug 2024 17:10
 Operator : CG/JU
 Sample : P3329-07DL2 30X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E09DL2

Quant Time: Aug 08 03:30:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

08/08/2024
 Supervised By :mohammad
 ahmed

08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	127100	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	562257	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	371993	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.086	188	856760	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	862469	20.000	ng/u1	-0.01
88) Perylene-d12	24.815	264	1000954	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.063	67	6268m	0.998	ng/u1	0.08
11) 2-Chlorophenol-d4	7.299	132	7407m	0.868	ng/u1	0.12
15) 4-Methylphenol-d8	8.528	113	7567m	0.879	ng/u1	0.16
21) Nitrobenzene-d5	8.875	128	4300m	0.985	ng/u1	0.08
24) 2-Nitrophenol-d4	9.557	143	4205m	0.841	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.222	165	7979m	0.883	ng/u1	0.17
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.710	166	30285	1.120	ng/u1	0.03
49) Acenaphthylene-d8	13.957	160	33824	1.114	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.286	176	28965	1.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.198	188	41274	1.085	ng/u1	0.00
81) Pyrene-d10	19.568	212	64088	1.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	57326	1.161	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	1558664	52.702	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	363503	17.905	ng/u1	99
37) 1-Methylnaphthalene	12.281	142	163213	7.817	ng/u1	100
43) 1,1'-Biphenyl	13.086	154	87969	3.236	ng/u1	96
52) Acenaphthene	14.322	153	311626	13.657	ng/u1	99
56) Dibenzofuran	14.692	168	337445	10.799	ng/u1	97
61) Fluorene	15.345	166	346032	13.571	ng/u1	96
72) Phenanthrene	17.127	178	1530307	34.431	ng/u1	99
74) Anthracene	17.233	178	216192	4.771	ng/u1	97
77) Carbazole	17.551	167	95809	2.587	ng/u1	98
80) Fluoranthene	19.221	202	1003790	15.588	ng/u1	98
82) Pyrene	19.604	202	695161	10.609	ng/u1	99
85) Benzo(a)anthracene	21.504	228	210187	3.479	ng/u1	98
87) Chrysene	21.568	228	160640	2.861	ng/u1	99
90) Benzo(b)fluoranthene	23.792	252	107625	1.772	ng/u1	98
93) Benzo(a)pyrene	24.656	252	64675	1.127	ng/u1	96

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

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Sample : P3329-07DL2 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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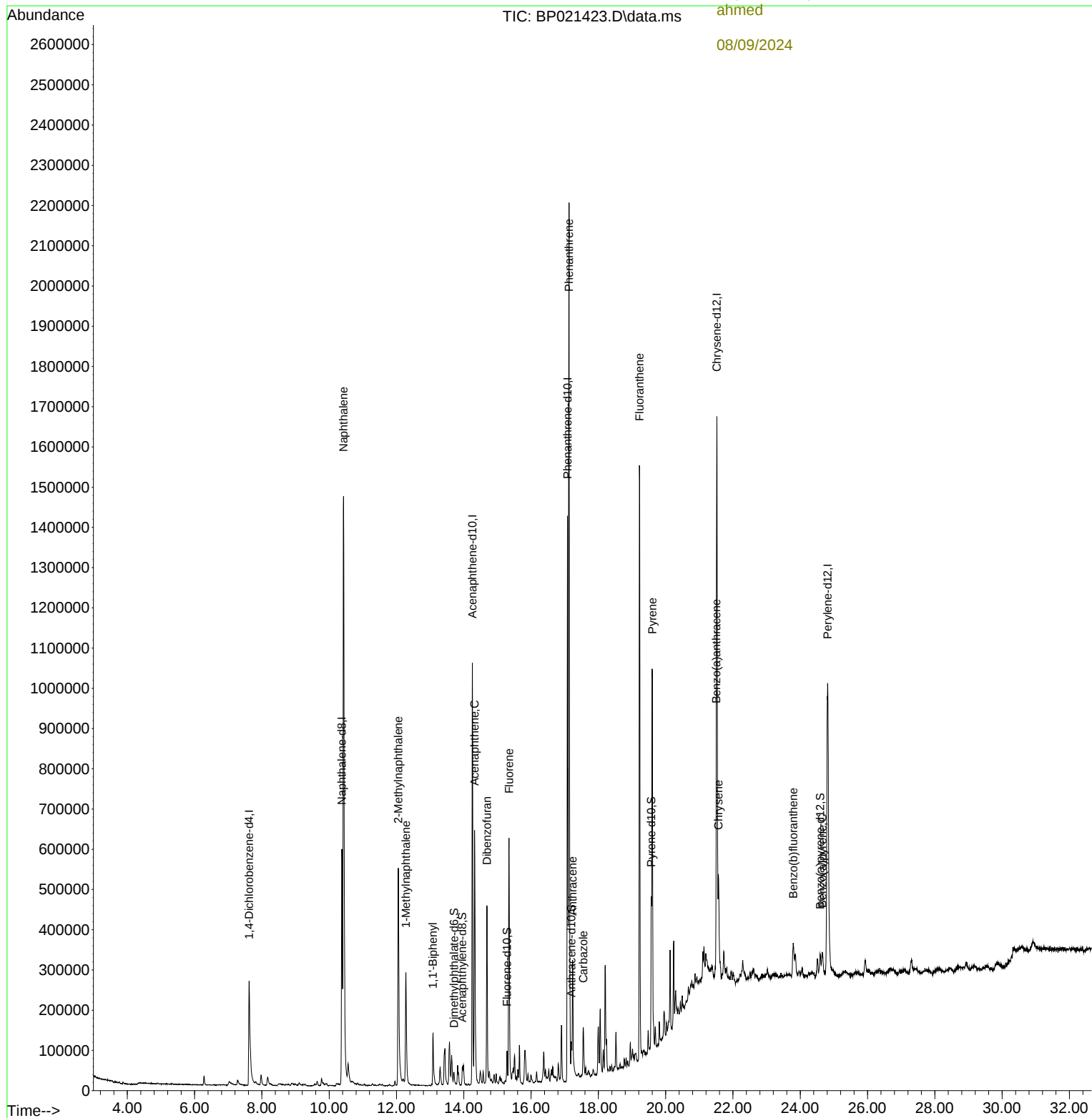
Quant Time: Aug 08 03:30:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

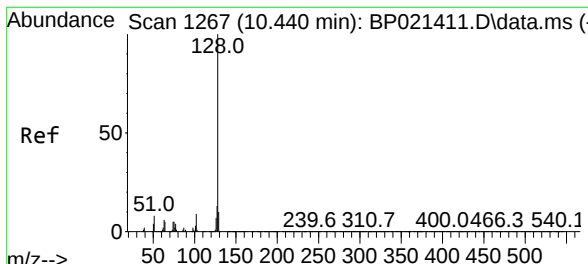
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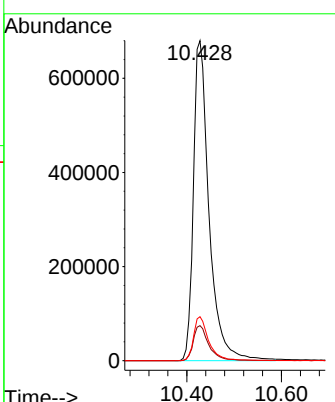
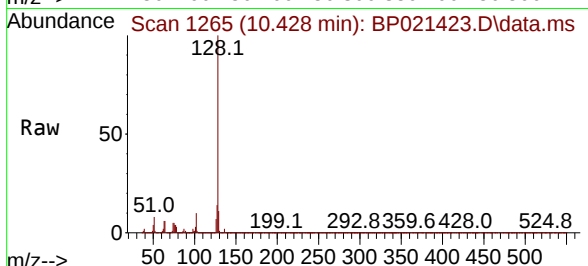
#30
Naphthalene
Concen: 52.702 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Instrument : BNA_P
ClientSampleId : F7E09DL2

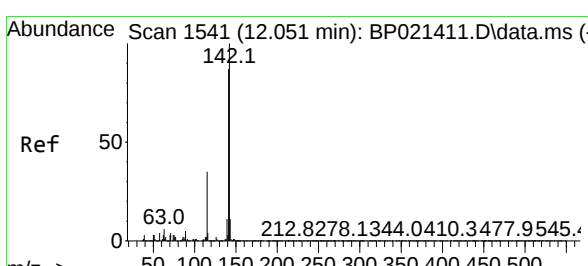
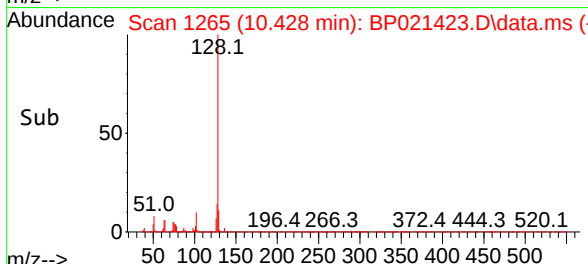
Tgt Ion:128 Resp: 155866

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.8	10.8	16.2

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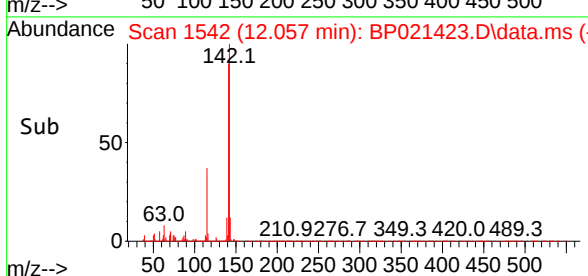
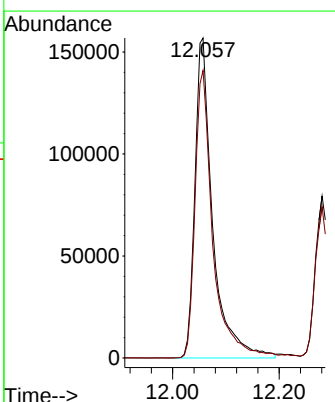
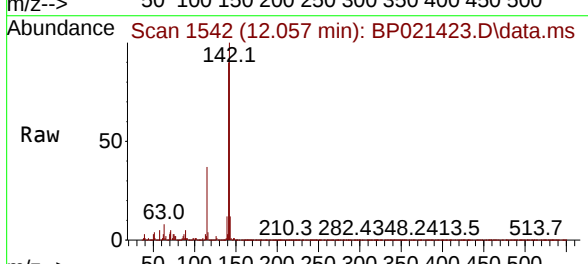
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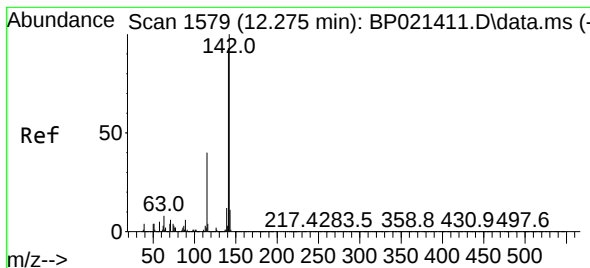


#36
2-Methylnaphthalene
Concen: 17.905 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Tgt Ion:142 Resp: 363503

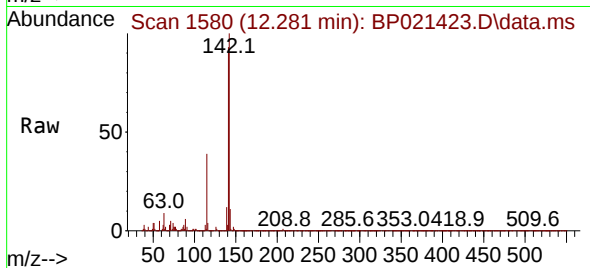
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#37
1-Methylnaphthalene
Concen: 7.817 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Instrument :
BNA_P
ClientSampleId :
F7E09DL2



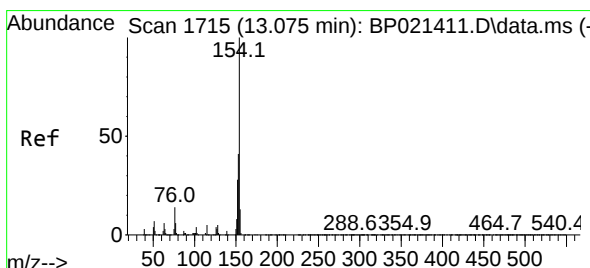
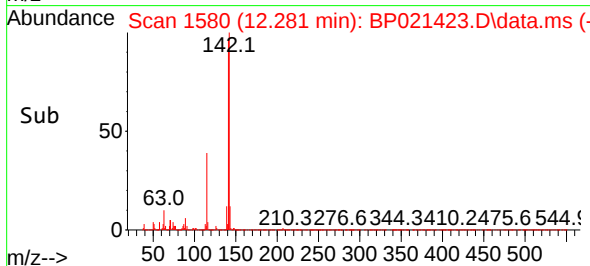
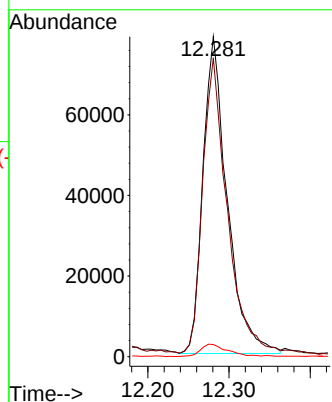
Tgt Ion:142 Resp: 16321
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.6
116 3.8 3.2 4.8

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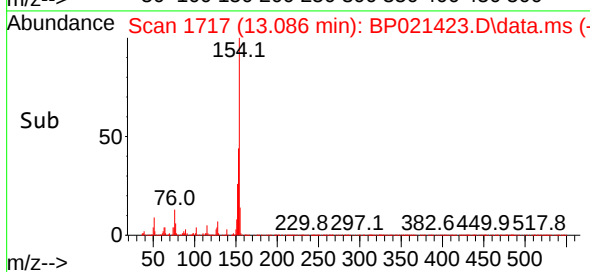
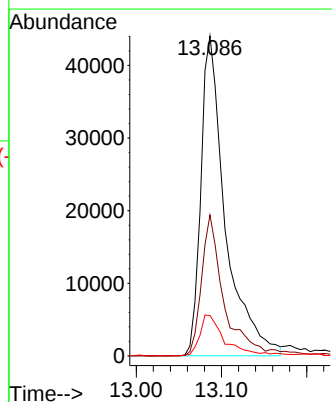
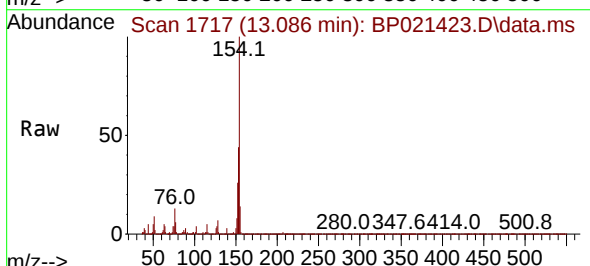
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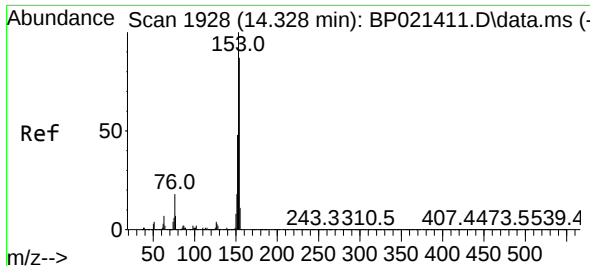
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#43
1,1'-Biphenyl
Concen: 3.236 ng/ul
RT: 13.086 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

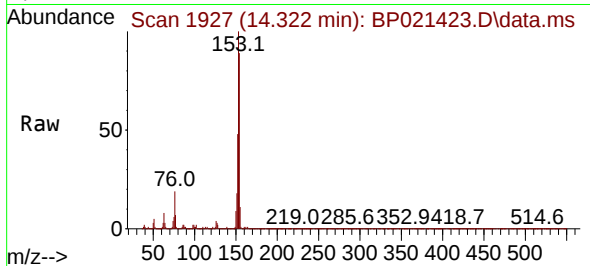
Tgt Ion:154 Resp: 87969
Ion Ratio Lower Upper
154 100
153 44.0 32.7 49.1
76 12.6 9.4 14.2





#52
Acenaphthene
Concen: 13.657 ng/ul
RT: 14.322 min Scan# 1928
Delta R.T. -0.017 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

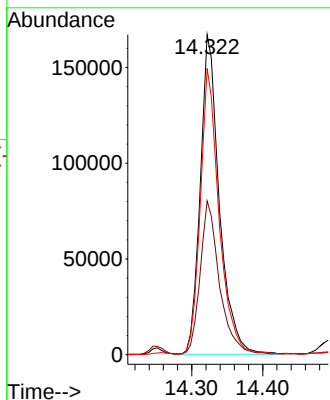
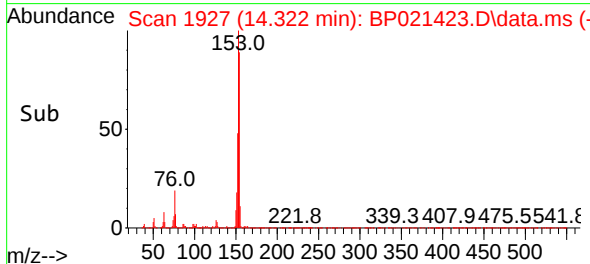
Instrument :
BNA_P
ClientSampleId :
F7E09DL2



Tgt Ion:153 Resp: 311620
Ion Ratio Lower Upper
153 100
152 48.1 37.8 56.6
154 89.4 71.8 107.6

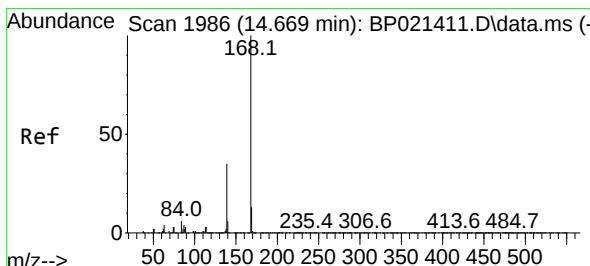
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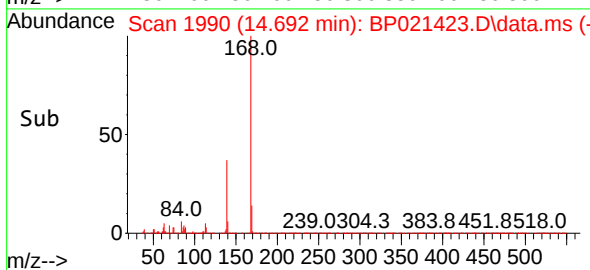
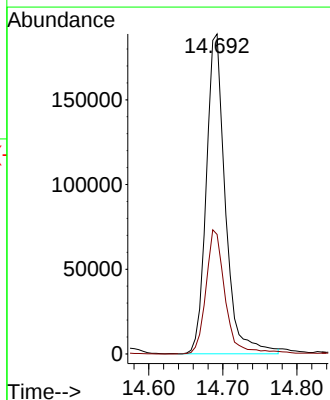
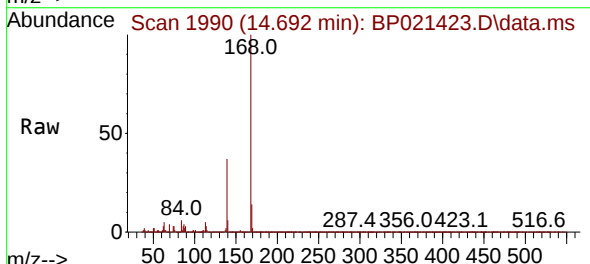
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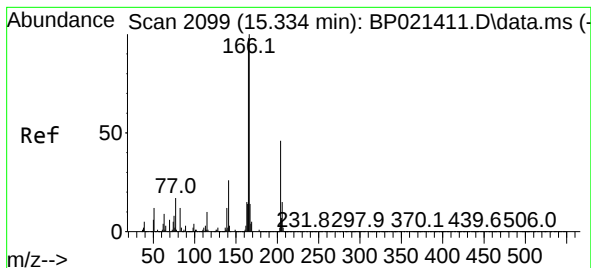
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#56
Dibenzofuran
Concen: 10.799 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Tgt Ion:168 Resp: 337445
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7





#61

Fluorene

Concen: 13.571 ng/ul

RT: 15.345 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BP021423.D

Acq: 07 Aug 2024 17:10

Instrument :

BNA_P

ClientSampleId :

F7E09DL2

Tgt Ion:166 Resp: 34603
 Ion Ratio Lower Upper
 166 100
 165 101.7 78.1 117.1
 167 13.7 10.9 16.3

Manual Integrations

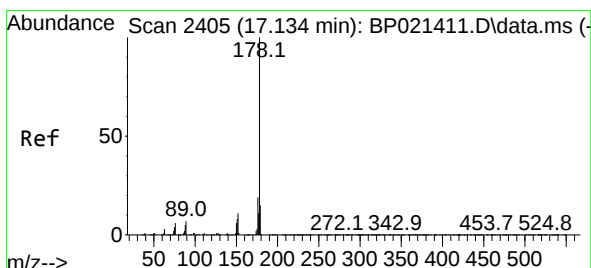
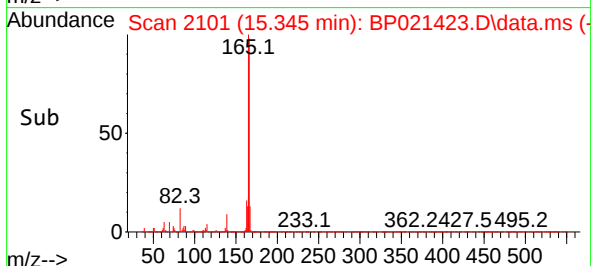
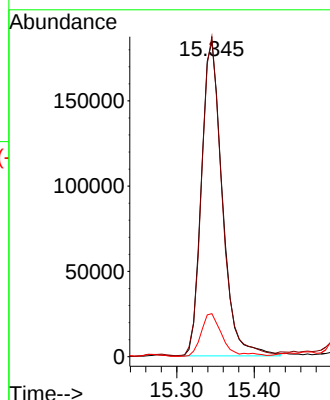
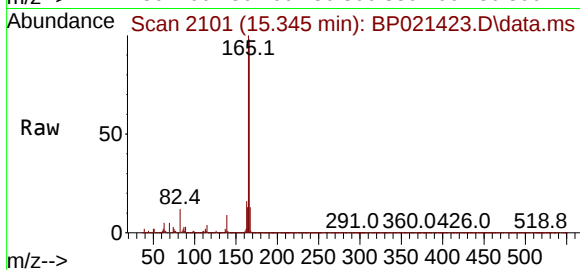
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08/09/2024



#72

Phenanthrene

Concen: 34.431 ng/ul

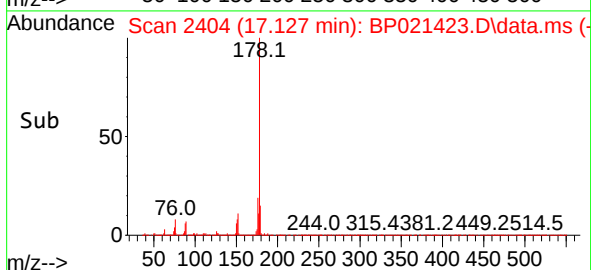
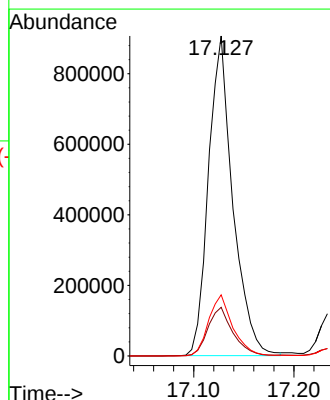
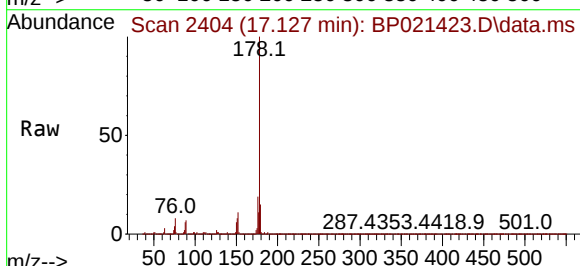
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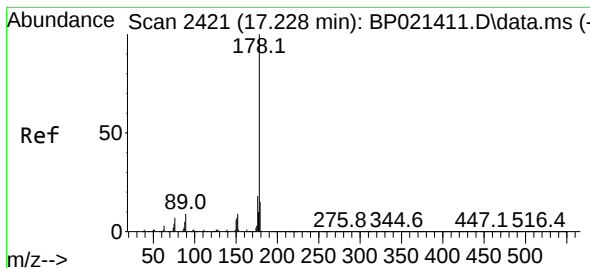
Delta R.T. -0.006 min

Lab File: BP021423.D

Acq: 07 Aug 2024 17:10

Tgt Ion:178 Resp: 1530307
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.2 18.4
 176 19.1 15.0 22.4





#74

Anthracene

Concen: 4.771 ng/ul

RT: 17.233 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP021423.D

Acq: 07 Aug 2024 17:10

Instrument :

BNP_P

ClientSampleId :

F7E09DL2

Tgt Ion:178 Resp: 216192
 Ion Ratio Lower Upper
 178 100
 179 17.6 12.5 18.7
 176 17.8 14.8 22.2

Manual Integrations

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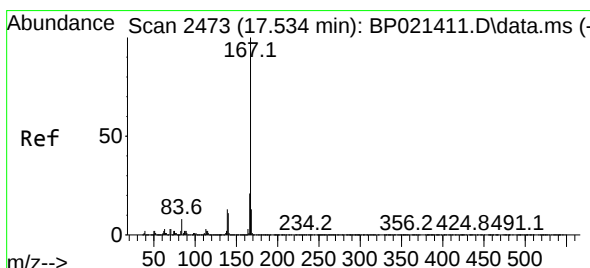
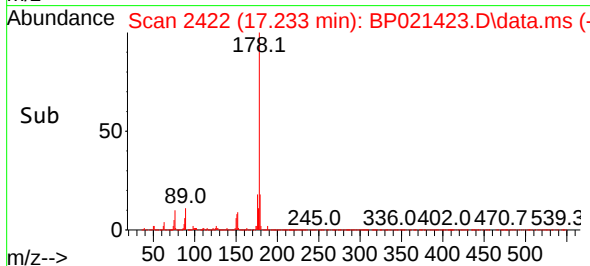
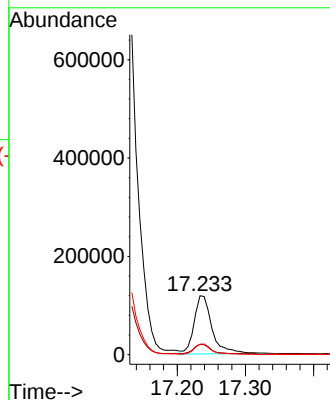
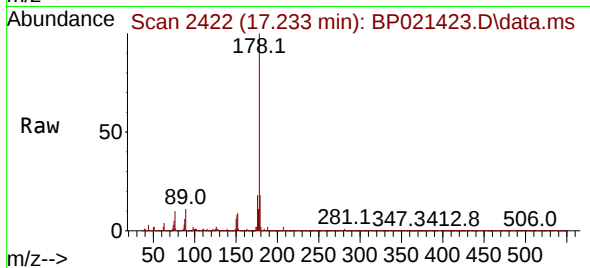
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ahmed

08/09/2024



#77

Carbazole

Concen: 2.587 ng/ul

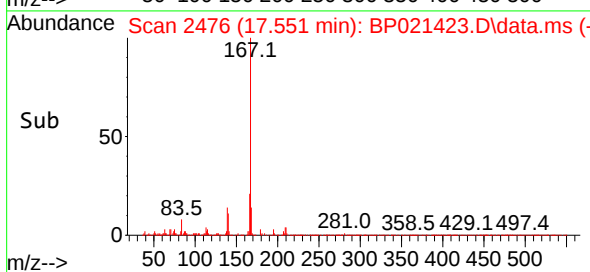
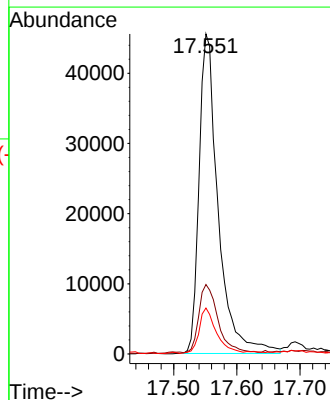
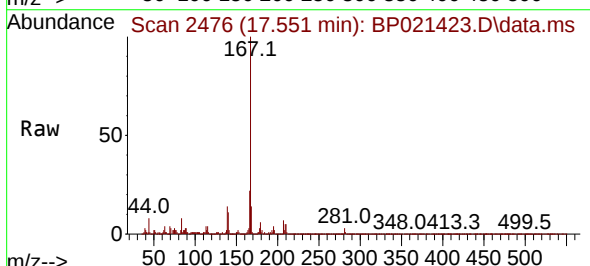
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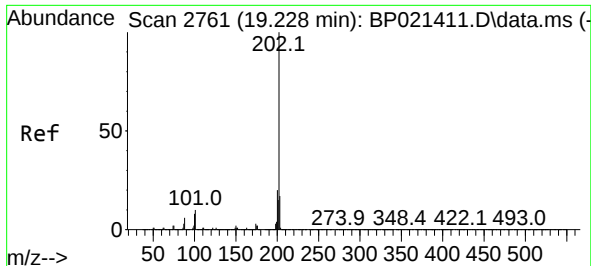
Delta R.T. 0.030 min

Lab File: BP021423.D

Acq: 07 Aug 2024 17:10

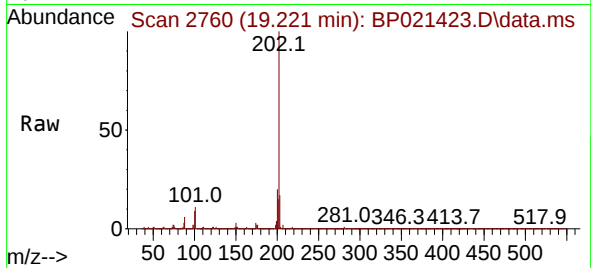
Tgt Ion:167 Resp: 95809
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 14.3 10.2 15.2





#80
Fluoranthene
Concen: 15.588 ng/u1
RT: 19.221 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

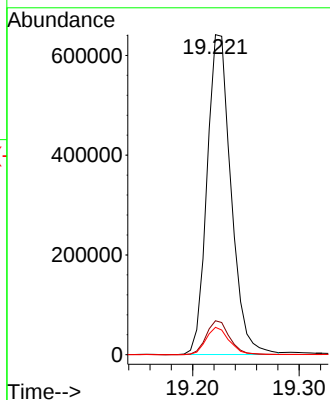
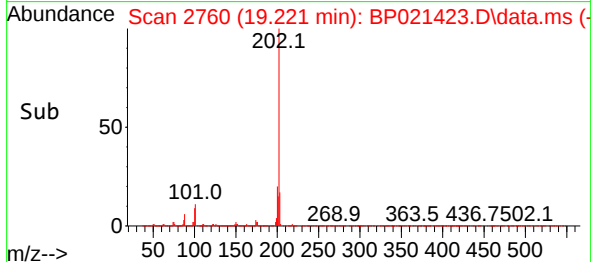
Instrument :
BNA_P
ClientSampleId :
F7E09DL2



Tgt Ion:202 Resp: 1003790
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 8.5 6.1 9.1

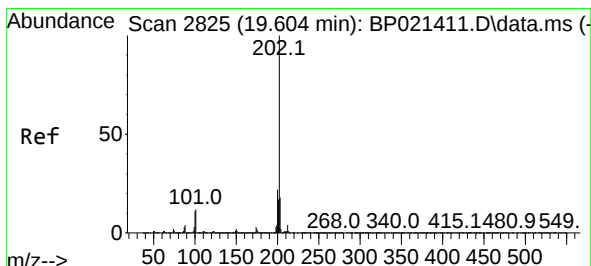
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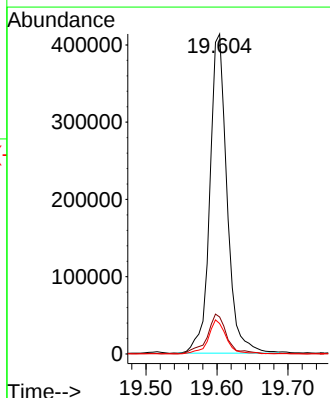
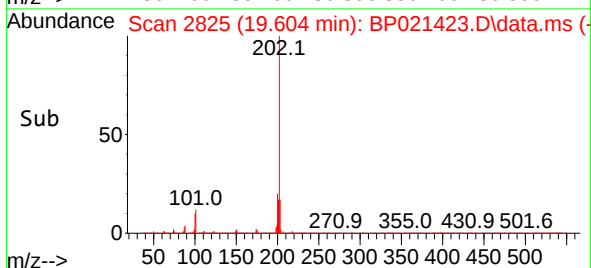
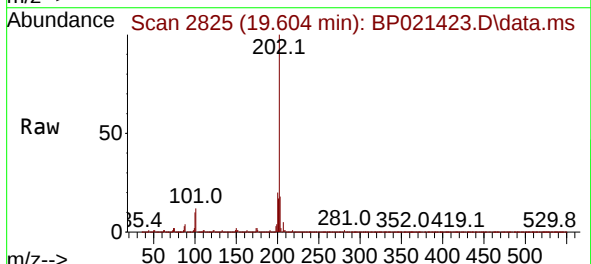
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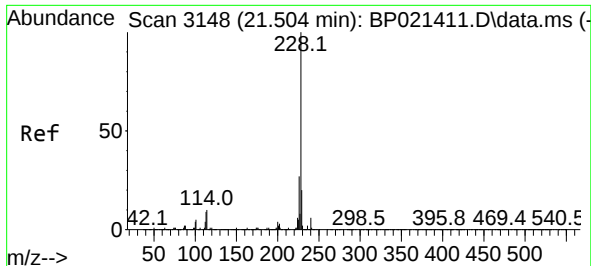
08/09/2024



#82
Pyrene
Concen: 10.609 ng/u1
RT: 19.604 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

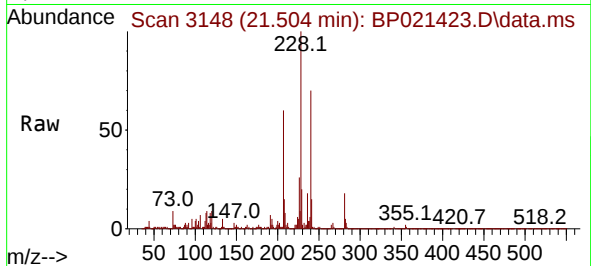
Tgt Ion:202 Resp: 695161
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.5 7.8 11.6





#85
Benzo(a)anthracene
Concen: 3.479 ng/ul
RT: 21.504 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

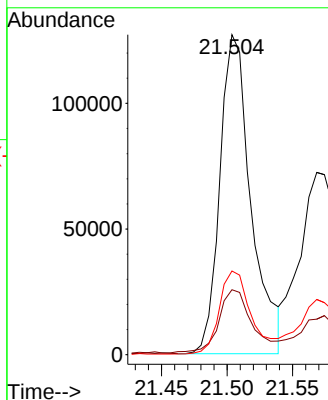
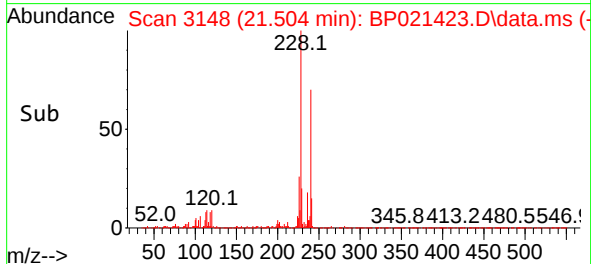
Instrument :
BNA_P
ClientSampleId :
F7E09DL2



Tgt Ion:228 Resp: 21018
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 26.2 21.4 32.2

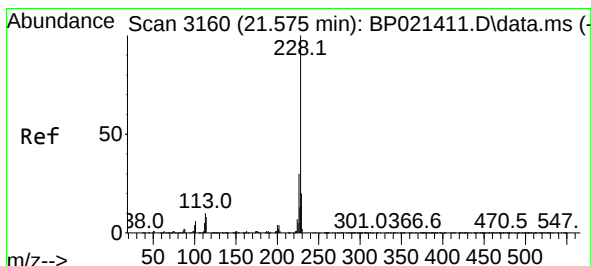
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

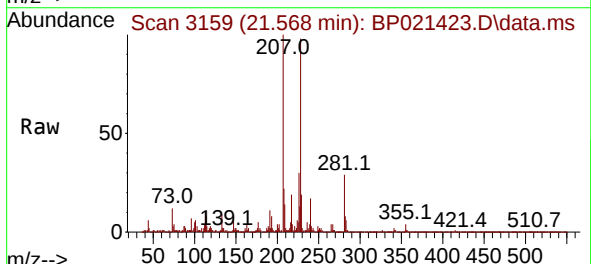


08/08/2024
Supervised By :mohammad
ahmed

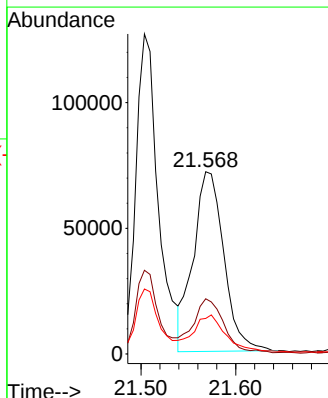
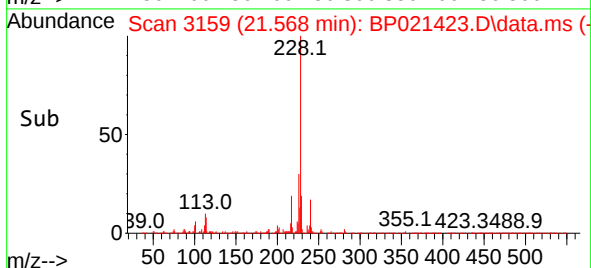
08/09/2024

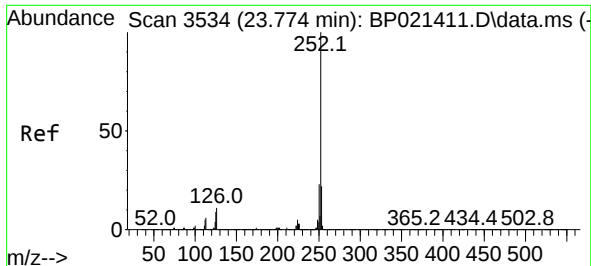


#87
Chrysene
Concen: 2.861 ng/ul
RT: 21.568 min Scan# 3159
Delta R.T. -0.017 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10



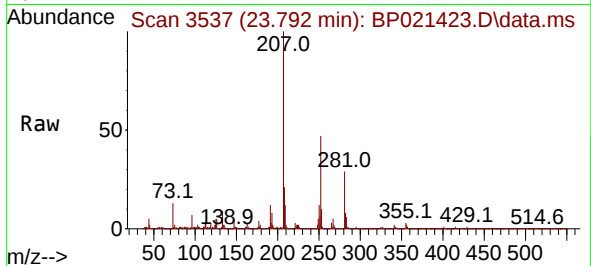
Tgt Ion:228 Resp: 160640
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 19.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.772 ng/u1
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Instrument :
BNA_P
ClientSampleId :
F7E09DL2



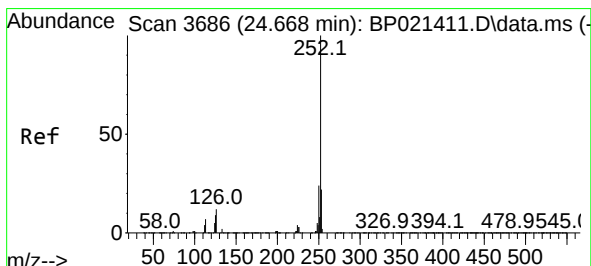
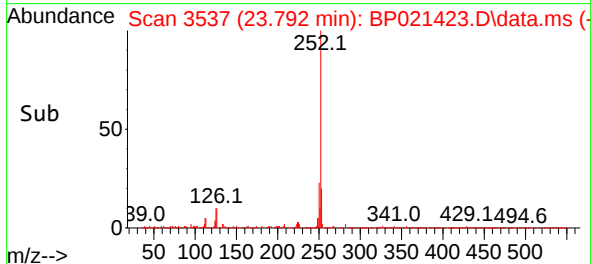
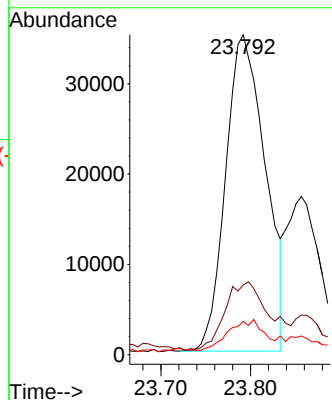
Tgt Ion:252 Resp: 107625
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.4 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

08/08/2024
Supervised By :mohammad
ahmed

08/09/2024



#93
Benzo(a)pyrene
Concen: 1.127 ng/u1
RT: 24.656 min Scan# 3684
Delta R.T. -0.023 min
Lab File: BP021423.D
Acq: 07 Aug 2024 17:10

Tgt Ion:252 Resp: 64675
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 9.6 7.7 11.5

