

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020908.D
 Acq On : 11 Jul 2024 18:08
 Operator : MA/JU
 Sample : P3088-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 11 23:37:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	181168	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	713432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	441799	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.169	188	928731	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	849748	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	999487	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18881	4.743	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.917	99	381458	25.826	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	253366	28.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.264	132	340254	27.960	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	292830	23.871	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	161398	29.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	187474	29.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	312781	27.273	ng/u1	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.763	166	949896	29.577	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	1059324	29.375	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.616	143	129044	28.240	ng/u1	0.00
60) Fluorene-d10	15.369	176	809878	30.738	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	122654	21.827	ng/u1	0.00
73) Anthracene-d10	17.263	188	1249753	30.297	ng/u1	-0.01
81) Pyrene-d10	19.645	212	1192659	22.702	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.745	264	866975	17.588	ng/u1	-0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.893	77	112232	15.072	ng/u1	93
16) Acetophenone	8.540	105	21824	1.153	ng/u1	95
50) Acenaphthylene	14.075	152	77765	1.905	ng/u1	100
61) Fluorene	15.422	166	32037	1.058	ng/u1#	95
72) Phenanthrene	17.210	178	719009	14.924	ng/u1	99
74) Anthracene	17.298	178	157645	3.210	ng/u1	100
77) Carbazole	17.592	167	70556	1.757	ng/u1#	97
78) Di-n-butylphthalate	18.175	149	75438	1.362	ng/u1#	95
80) Fluoranthene	19.298	202	1436287	22.639	ng/u1	99
82) Pyrene	19.681	202	1048154	16.235	ng/u1	99
85) Benzo(a)anthracene	21.592	228	738556	12.407	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.522	149	147213	3.803	ng/u1#	98
87) Chrysene	21.663	228	821128	14.845	ng/u1	97
90) Benzo(b)fluoranthene	23.916	252	1189248	19.607	ng/u1#	96
91) Benzo(k)fluoranthene	23.974	252	397162	6.561	ng/u1#	94
93) Benzo(a)pyrene	24.821	252	397977	6.943	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.786	276	398164	5.391	ng/u1	99
95) Dibenzo(a,h)anthracene	28.868	278	166768m	2.727	ng/u1	

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

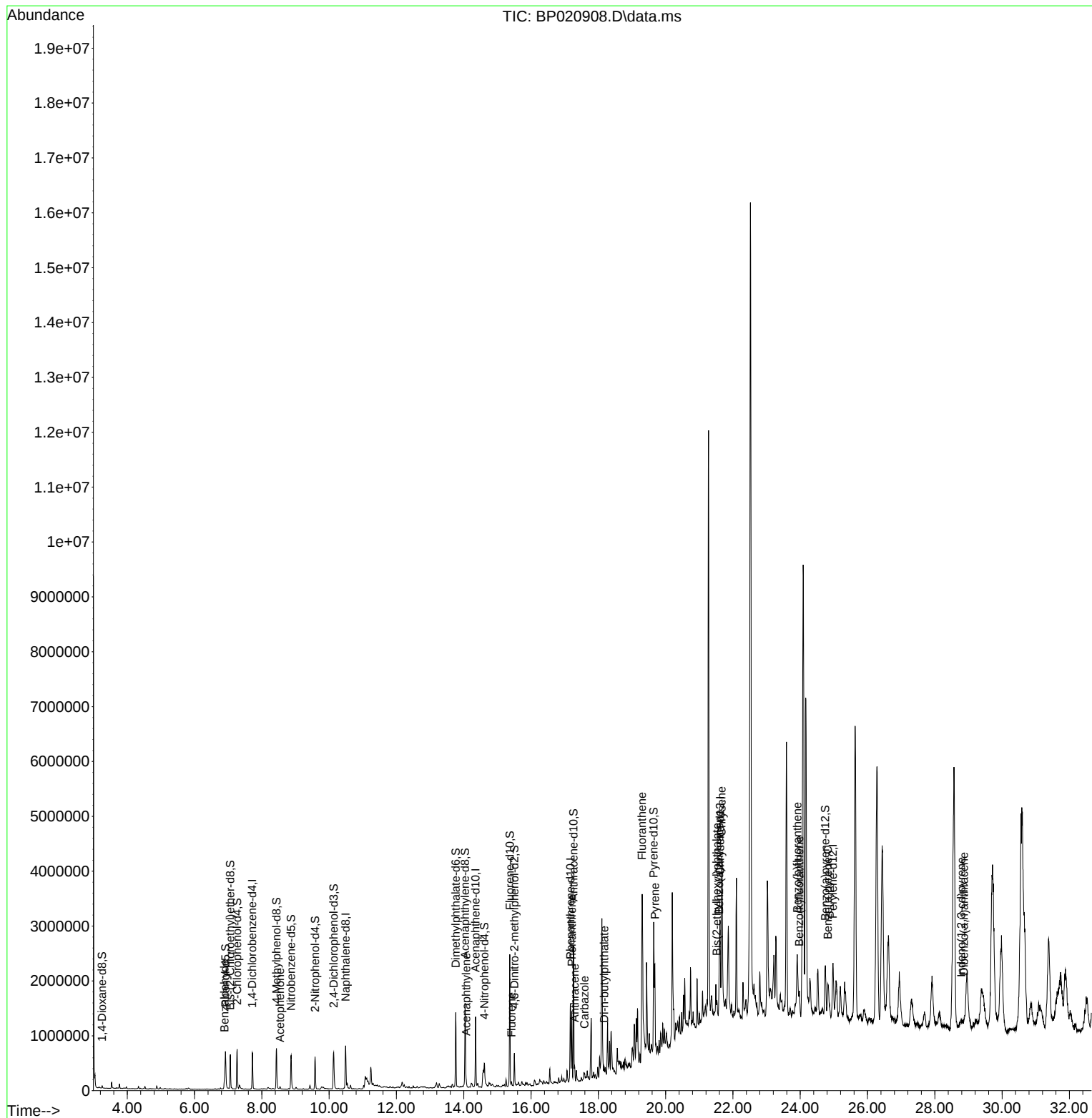
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020908.D
Acq On : 11 Jul 2024 18:08
Operator : MA/JU
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ALS Vial : 14 Sample Multiplier: 1

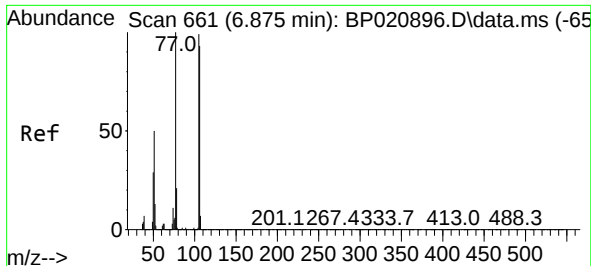
Instrument :
BNA_P
ClientSampleId :
A4D12

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Supervised By :mohammad ahmed 07/13/2024

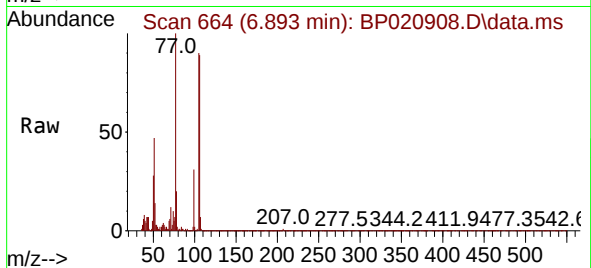
Quant Time: Jul 11 23:37:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 15.072 ng/ul
RT: 6.893 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

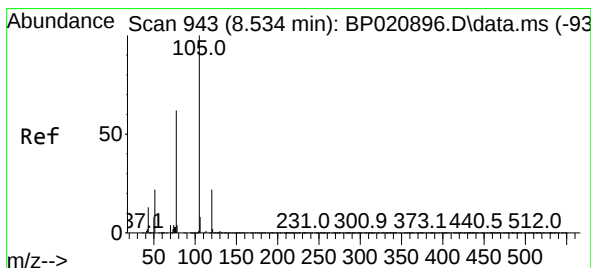
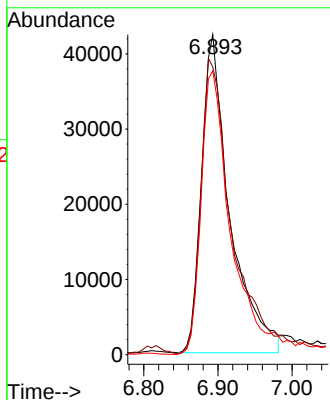
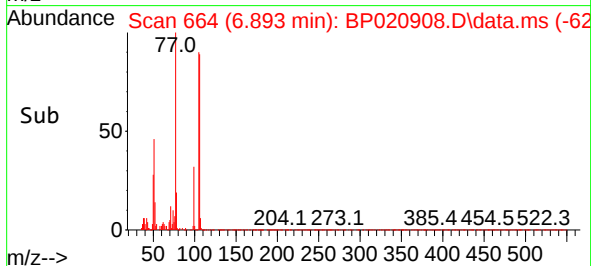
Instrument :
BNA_P
ClientSampleId :
A4D12



Tgt Ion: 77 Resp: 11223
Ion Ratio Lower Upper
77 100
105 90.0 79.3 118.9
106 88.7 74.6 112.0

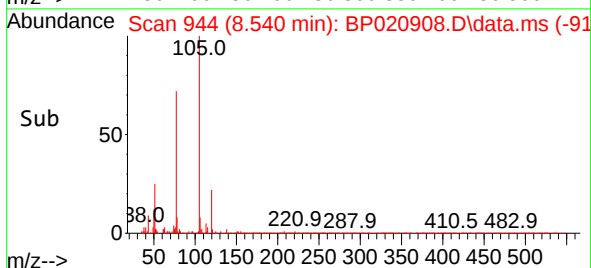
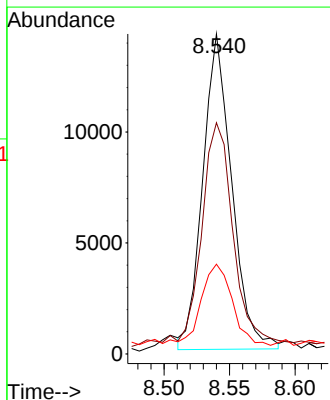
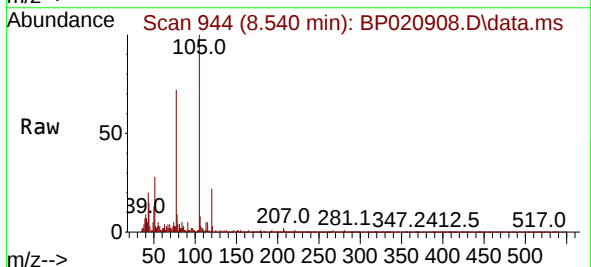
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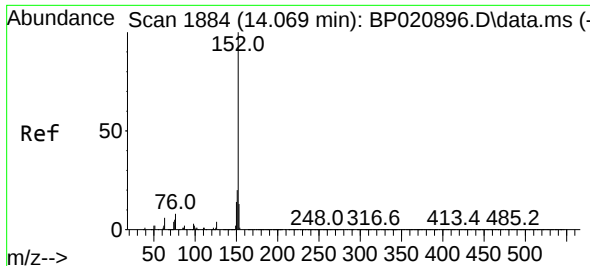
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#16
Acetophenone
Concen: 1.153 ng/ul
RT: 8.540 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

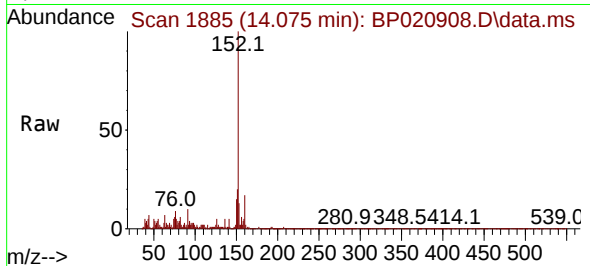
Tgt Ion:105 Resp: 21824
Ion Ratio Lower Upper
105 100
77 72.3 61.8 92.8
51 28.1 21.5 32.3





#50
Acenaphthylene
Concen: 1.905 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

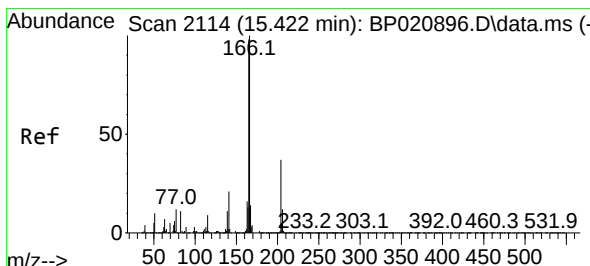
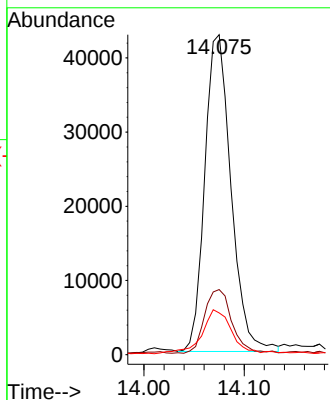
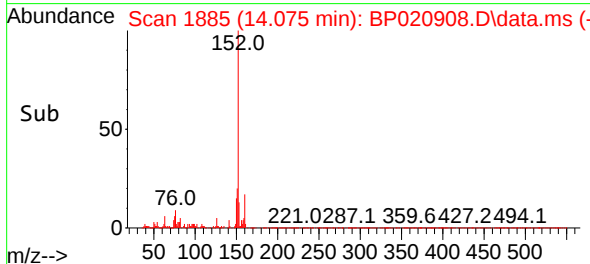
Instrument : BNA_P
ClientSampleId : A4D12



Tgt Ion:152 Resp: 7776
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.3 15.5

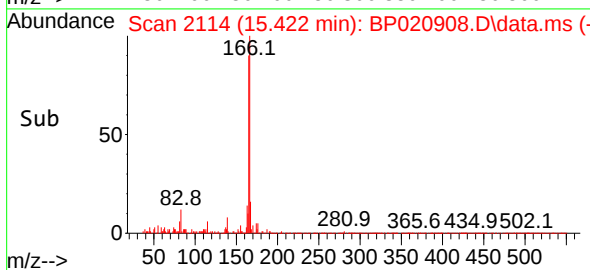
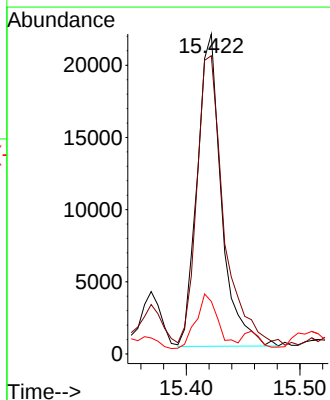
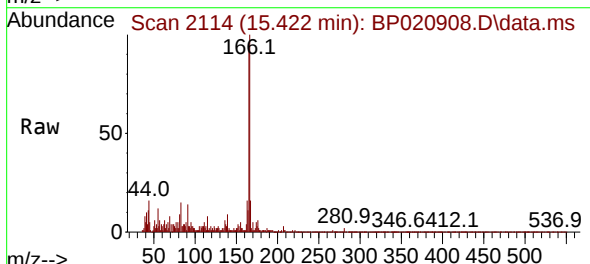
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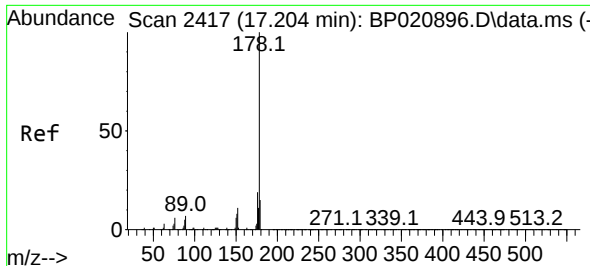
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#61
Fluorene
Concen: 1.058 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

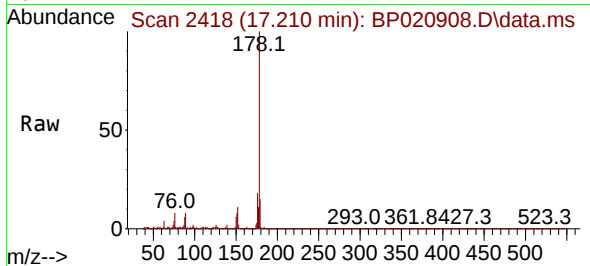
Tgt Ion:166 Resp: 32037
Ion Ratio Lower Upper
166 100
165 93.2 78.1 117.1
167 16.4 10.9 16.3





#72
Phenanthrene
Concen: 14.924 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

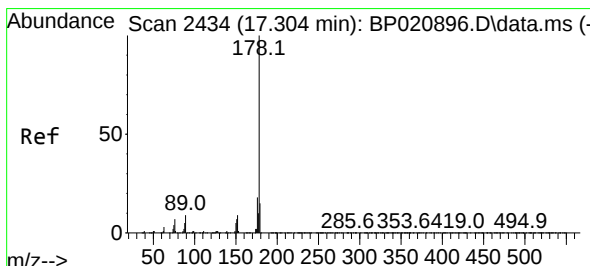
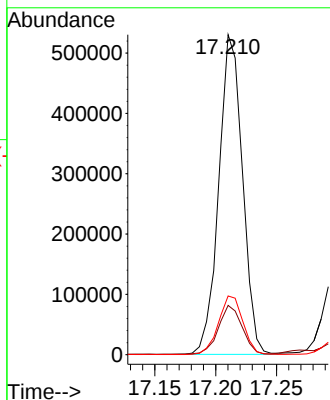
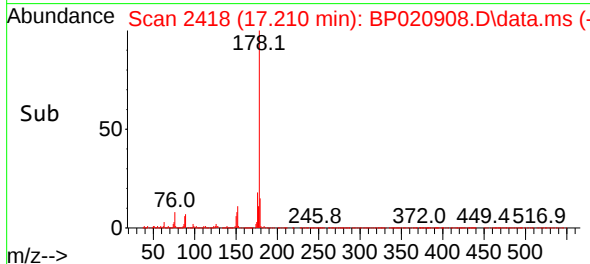
Instrument :
BNA_P
ClientSampleId :
A4D12



Tgt Ion:178 Resp: 719009
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.3 15.0 22.4

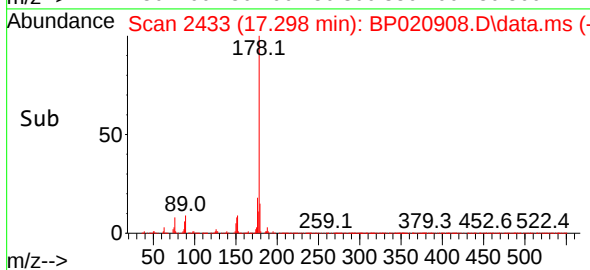
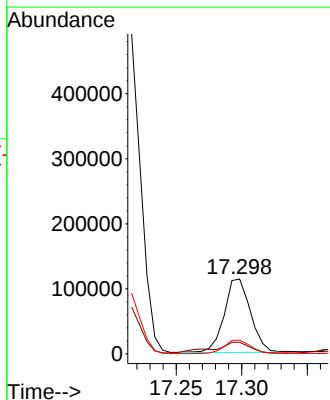
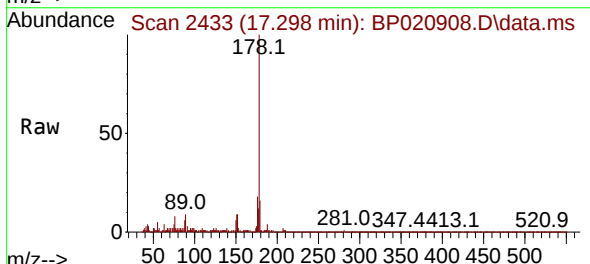
Manual Integrations
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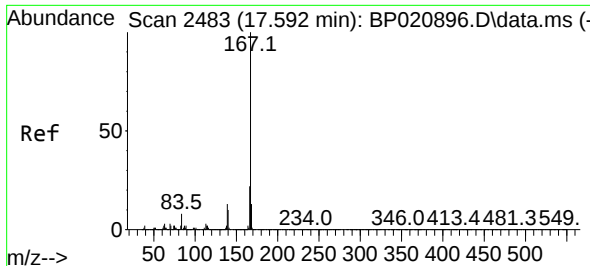
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#74
Anthracene
Concen: 3.210 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

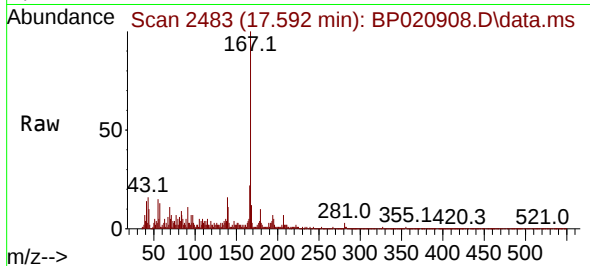
Tgt Ion:178 Resp: 157645
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.4 14.8 22.2





#77
 Carbazole
 Concen: 1.757 ng/ul
 RT: 17.592 min Scan# 2483
 Delta R.T. -0.006 min
 Lab File: BP020908.D
 Acq: 11 Jul 2024 18:08

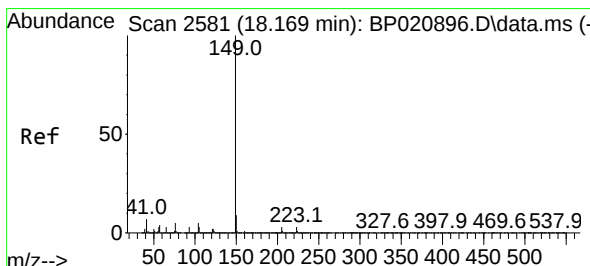
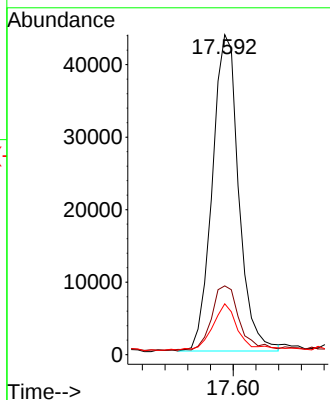
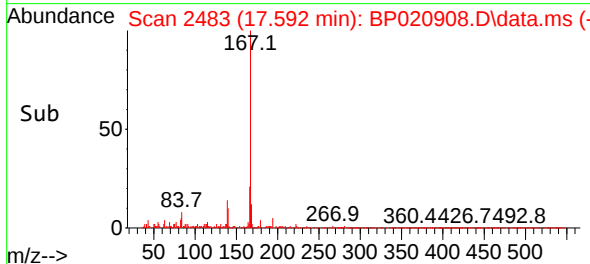
Instrument : BNA_P
 ClientSampleId : A4D12



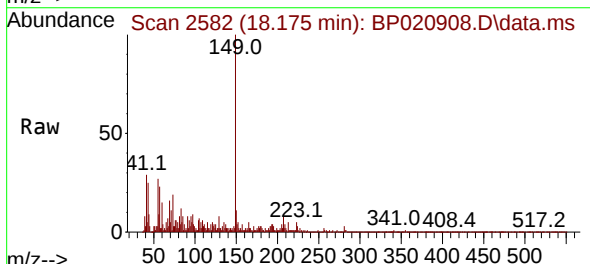
Tgt Ion:167 Resp: 70550
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 15.9 10.2 15.2

Manual Integrations
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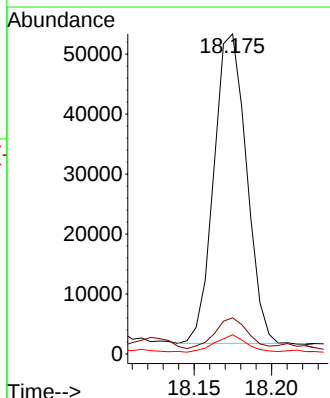
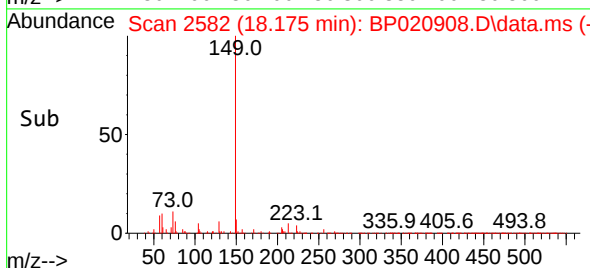
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

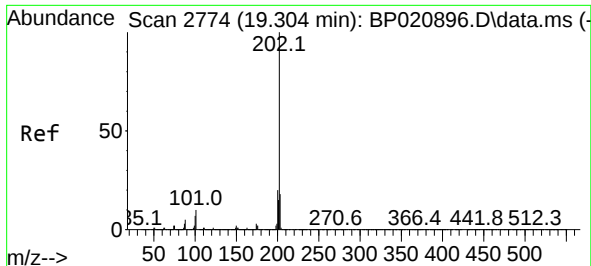


#78
 Di-n-butylphthalate
 Concen: 1.362 ng/ul
 RT: 18.175 min Scan# 2582
 Delta R.T. -0.006 min
 Lab File: BP020908.D
 Acq: 11 Jul 2024 18:08



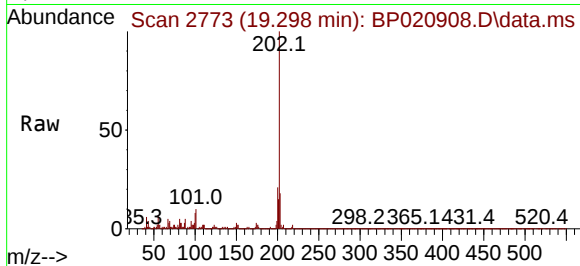
Tgt Ion:149 Resp: 75438
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.4 11.0#
 104 6.0 3.9 5.9#





#80
Fluoranthene
Concen: 22.639 ng/u1
RT: 19.298 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

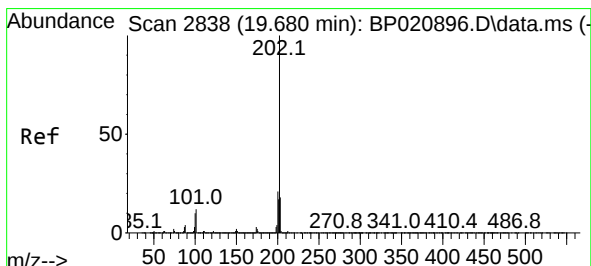
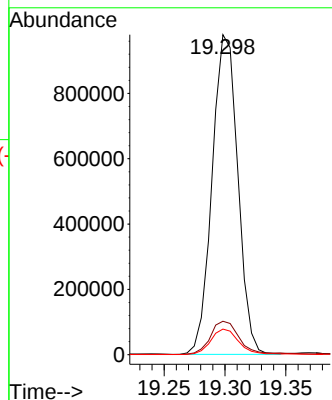
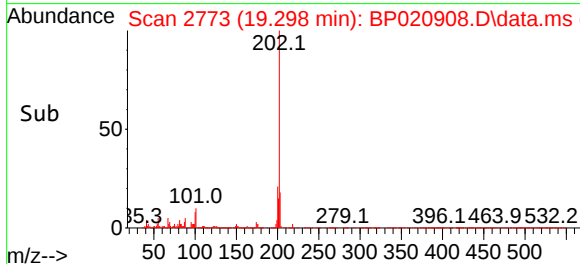
Instrument :
BNA_P
ClientSampleId :
A4D12



Tgt Ion:202 Resp: 143628
Ion Ratio Lower Upper
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101 10.5 8.0 12.0
100 8.0 6.1 9.1

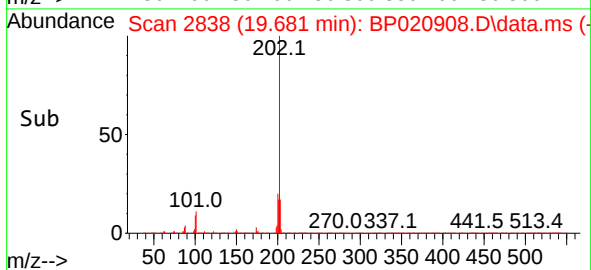
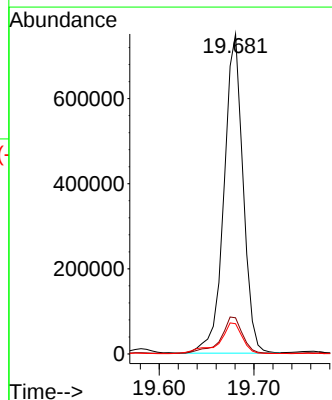
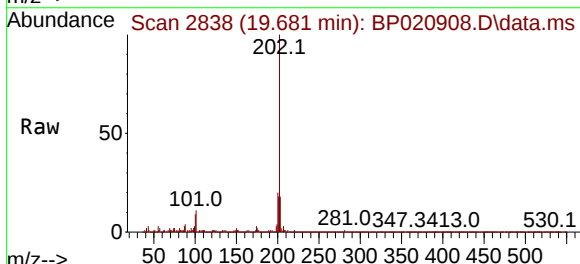
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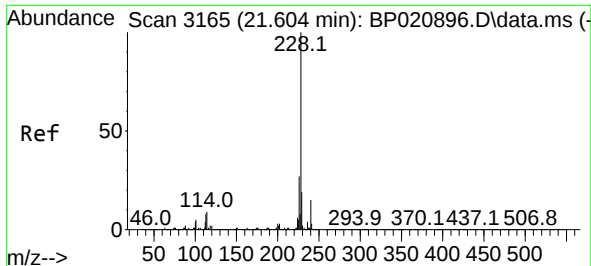
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#82
Pyrene
Concen: 16.235 ng/u1
RT: 19.681 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

Tgt Ion:202 Resp: 1048154
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.2
100 9.4 7.8 11.6





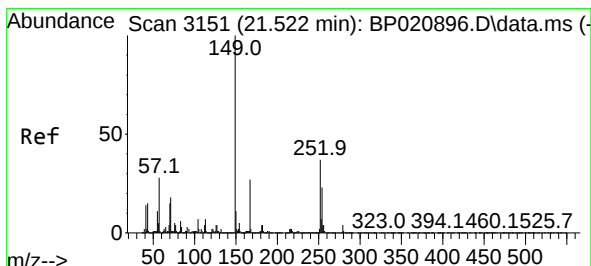
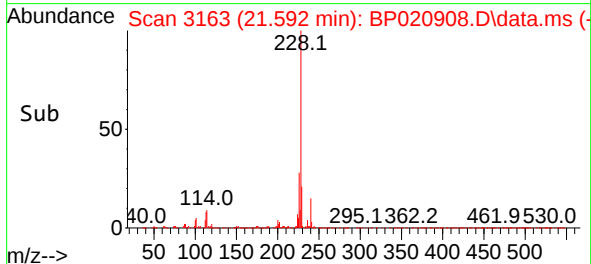
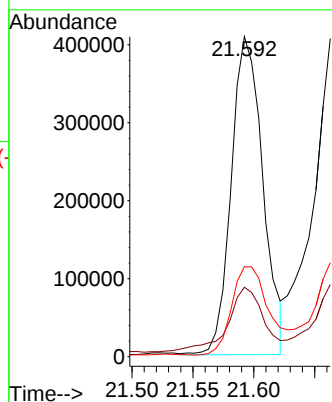
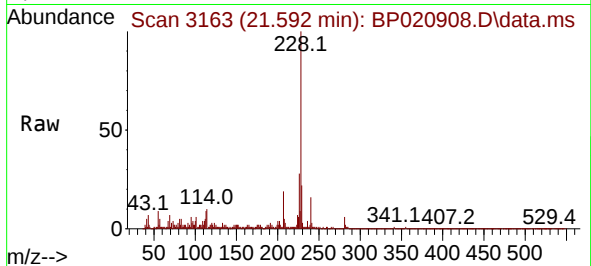
#85
Benzo(a)anthracene
Concen: 12.407 ng/ul
RT: 21.592 min Scan# 3163
Delta R.T. -0.017 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

Instrument : BNA_P
ClientSampleId : A4D12

Tgt Ion:228 Resp: 738550
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 28.1 21.4 32.2

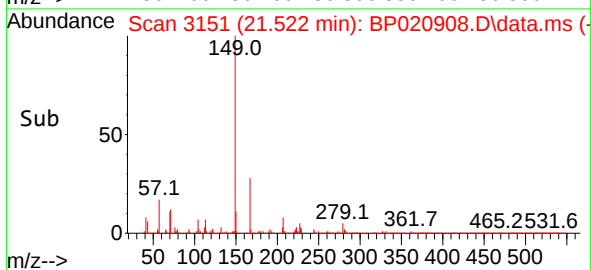
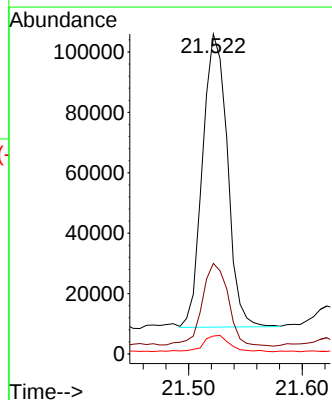
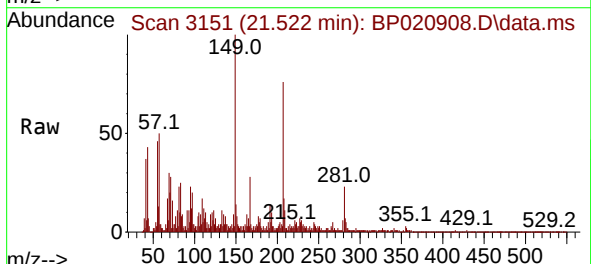
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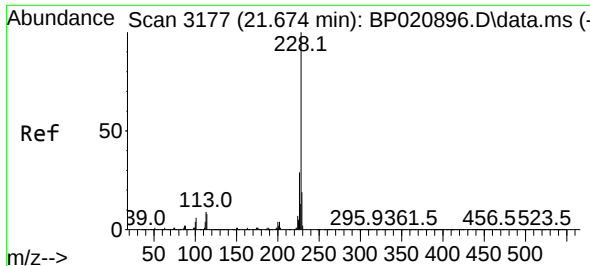
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.803 ng/ul
RT: 21.522 min Scan# 3151
Delta R.T. -0.017 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

Tgt Ion:149 Resp: 147213
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 5.6 3.7 5.5#





#87

Chrysene

Concen: 14.845 ng/ul

RT: 21.663 min Scan# 3175

Delta R.T. -0.012 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

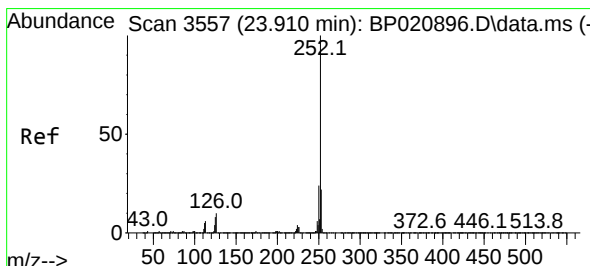
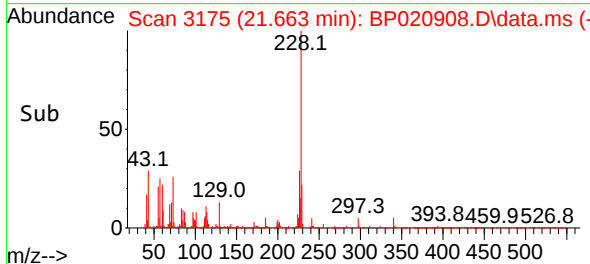
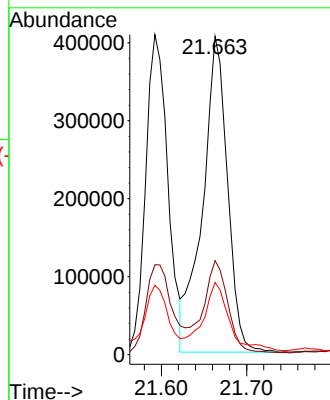
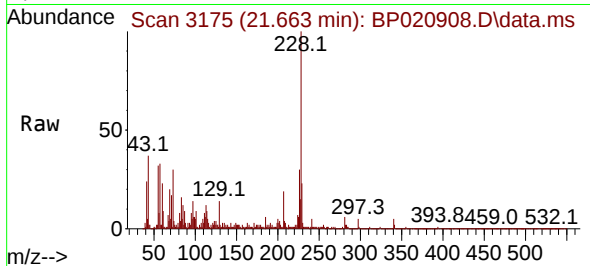
A4D12

Tgt Ion:228 Resp: 821128
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.6 35.4
 229 22.7 15.5 23.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024



#90

Benzo(b)fluoranthene

Concen: 19.607 ng/ul

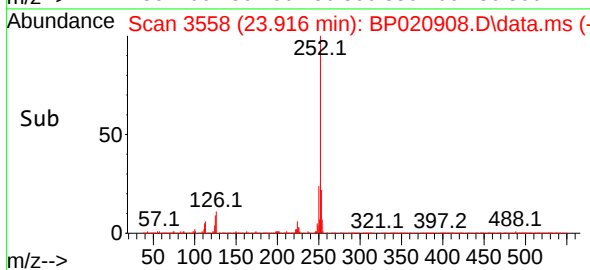
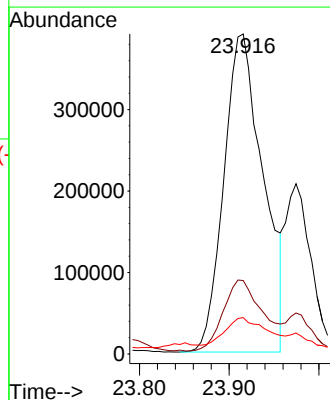
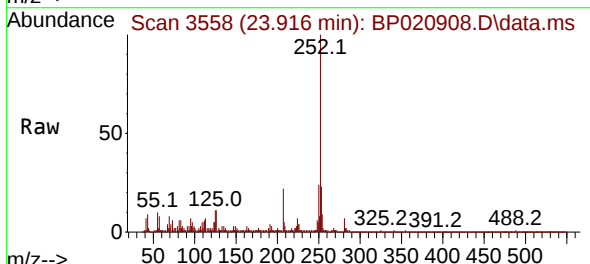
RT: 23.916 min Scan# 3558

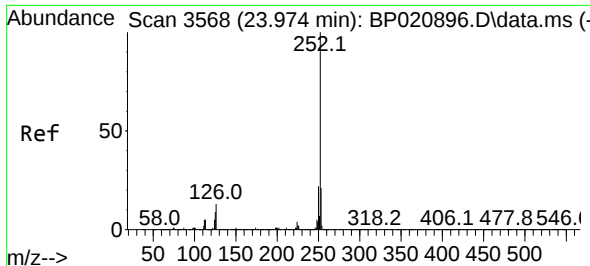
Delta R.T. -0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

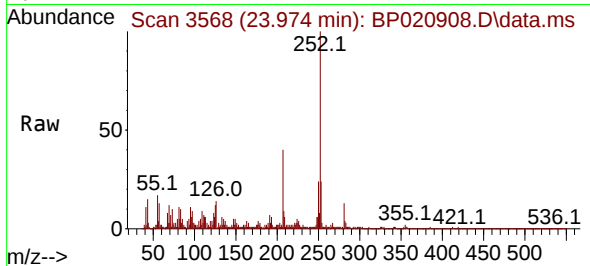
Tgt Ion:252 Resp: 1189248
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.1 25.7
 125 11.4 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 6.561 ng/ul
RT: 23.974 min Scan# 3568
Delta R.T. -0.017 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08

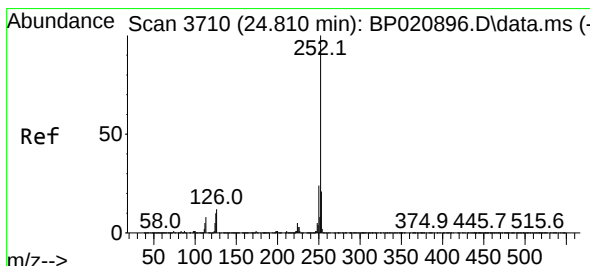
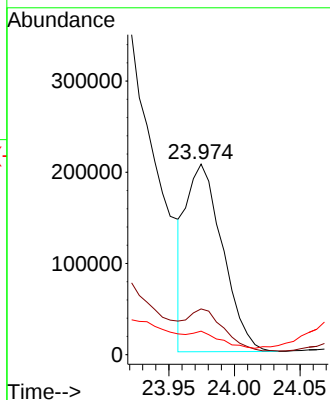
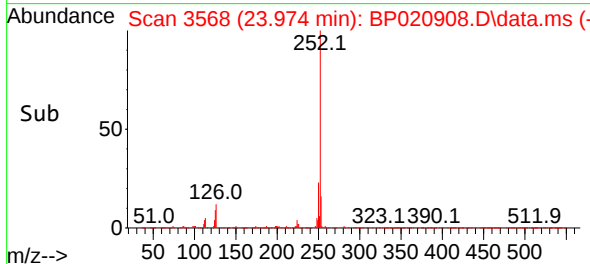
Instrument : BNA_P
ClientSampleId : A4D12



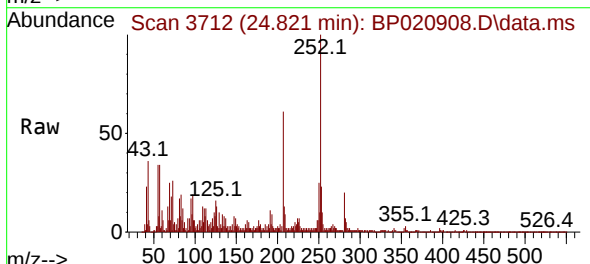
Tgt Ion:252 Resp: 397162
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 12.4 7.4 11.0

Manual Integrations
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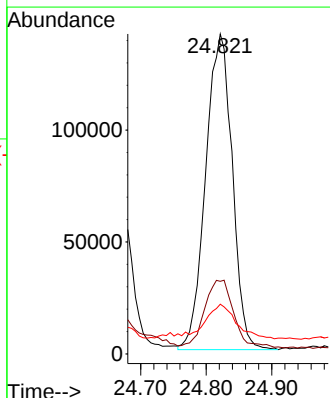
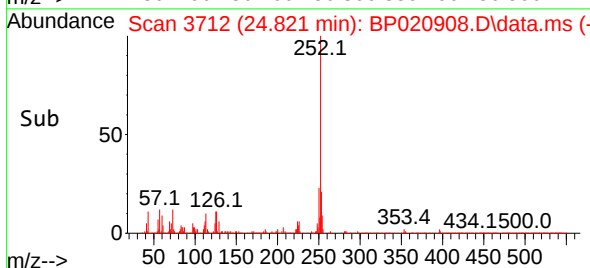
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

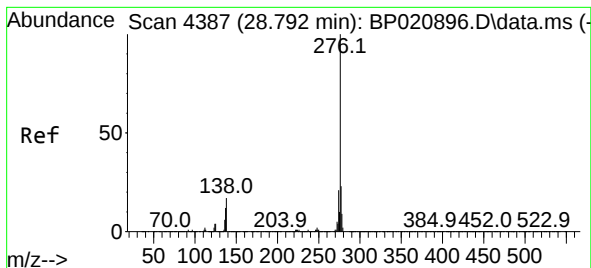


#93
Benzo(a)pyrene
Concen: 6.943 ng/ul
RT: 24.821 min Scan# 3712
Delta R.T. -0.006 min
Lab File: BP020908.D
Acq: 11 Jul 2024 18:08



Tgt Ion:252 Resp: 397977
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 15.5 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.391 ng/ul

RT: 28.786 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Instrument :

BNA_P

ClientSampleId :

A4D12

Tgt Ion:276 Resp: 398164

Ion Ratio Lower Upper

276 100

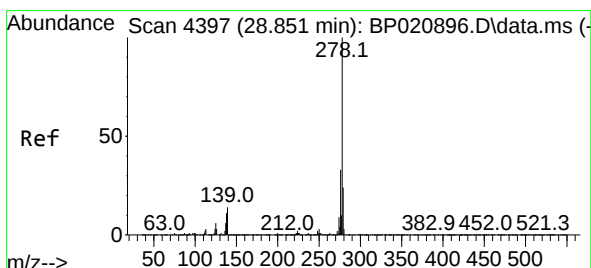
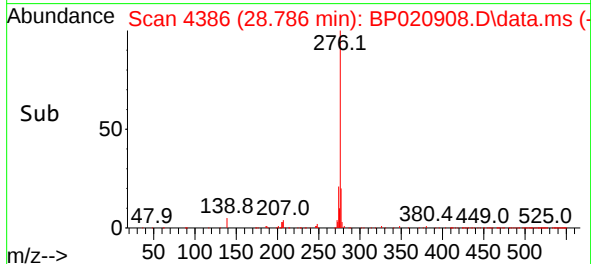
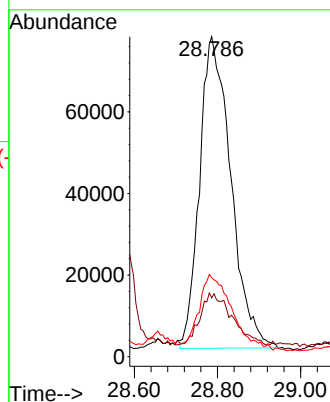
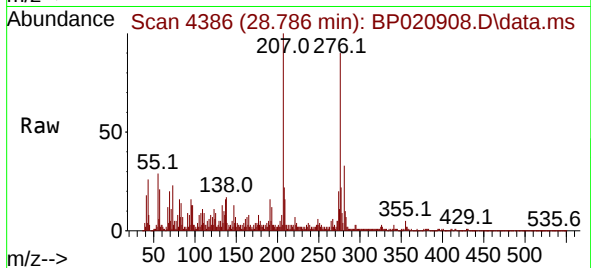
138 18.4 14.3 21.5

277 24.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.727 ng/ul m

RT: 28.868 min Scan# 4400

Delta R.T. 0.006 min

Lab File: BP020908.D

Acq: 11 Jul 2024 18:08

Tgt Ion:278 Resp: 166768

Ion Ratio Lower Upper

278 100

139 21.4 10.9 16.3#

279 32.9 19.4 29.0#

