

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021115.D
 Acq On : 24 Jul 2024 02:34
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 05:55:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	180342	20.000	ng/u1	0.01
20) Naphthalene-d8	10.434	136	748874	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	500162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1103114	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1024289	20.000	ng/u1	-0.02
88) Perylene-d12	24.886	264	1238861	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	11986	3.024	ng/uL	0.00
4) Pyridine-d5	3.628	84	13900m	1.212	ng/u1	0.02
7) Phenol-d5	6.881	99	264548	17.993	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	153485	17.226	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	222117	18.336	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	198008	16.215	ng/u1	0.01
21) Nitrobenzene-d5	8.822	128	104627	17.988	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	121542	18.257	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	218428	18.145	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	195503	12.259	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	703592	19.351	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	796782	19.516	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.610	143	99905m	19.312	ng/u1	0.02
60) Fluorene-d10	15.322	176	630484	21.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	45632	6.837	ng/u1	0.00
73) Anthracene-d10	17.227	188	964862	19.693	ng/u1	0.00
81) Pyrene-d10	19.604	212	1099304	17.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	861536	14.100	ng/u1	-0.04
Target Compounds					Qvalue	
61) Fluorene	15.381	166	41390	1.207	ng/u1	94
72) Phenanthrene	17.169	178	790204	13.809	ng/u1	100
74) Anthracene	17.263	178	134828	2.311	ng/u1	99
77) Carbazole	17.557	167	94167	1.975	ng/u1	99
80) Fluoranthene	19.257	202	1362249	17.813	ng/u1	99
82) Pyrene	19.633	202	927607	11.920	ng/u1	100
85) Benzo(a)anthracene	21.545	228	546245	7.613	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	65389	1.401	ng/u1#	96
87) Chrysene	21.604	228	572722	8.590	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	729992	9.710	ng/u1#	97
91) Benzo(k)fluoranthene	23.886	252	264706m	3.528	ng/u1	
93) Benzo(a)pyrene	24.715	252	294306	4.143	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.650	276	261165	2.853	ng/u1	98
95) Dibenzo(a,h)anthracene	28.703	278	90731m	1.197	ng/u1	

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

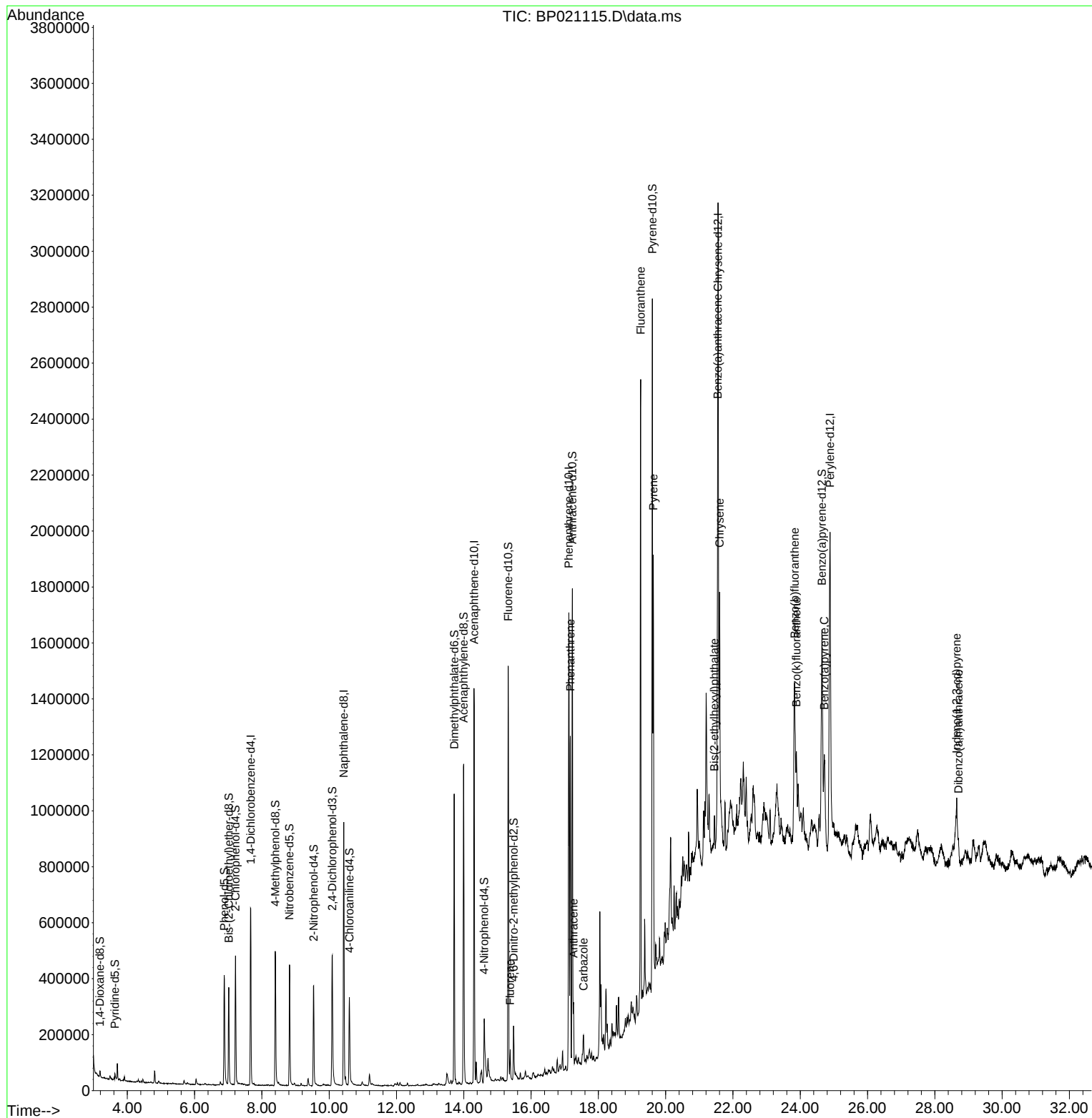
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021115.D
Acq On : 24 Jul 2024 02:34
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

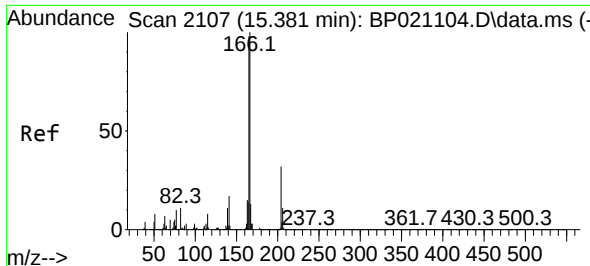
Instrument :
BNA_P
ClientSampleId :
A4BE7

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Supervised By :mohammad ahmed 07/25/2024

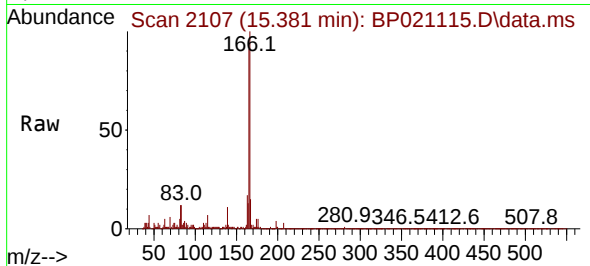
Quant Time: Jul 24 05:55:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration





#61
Fluorene
Concen: 1.207 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34

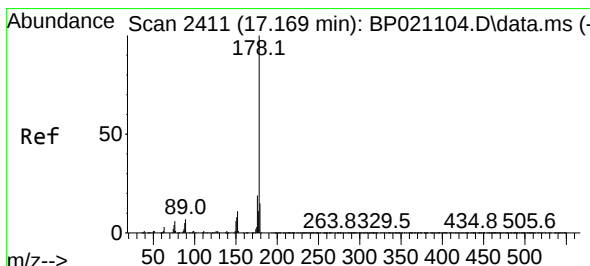
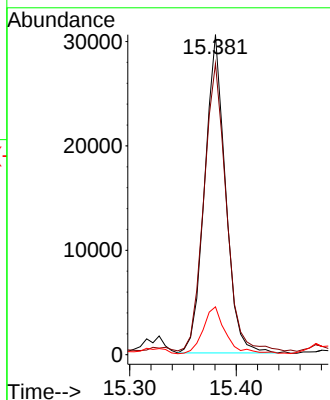
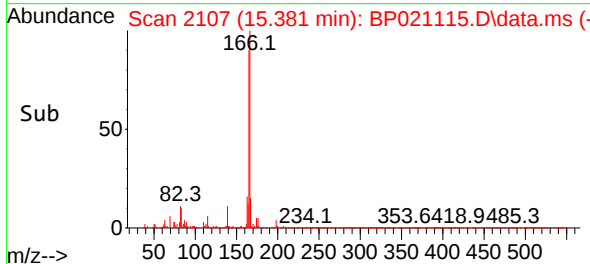
Instrument :
BNA_P
ClientSampleId :
A4BE7



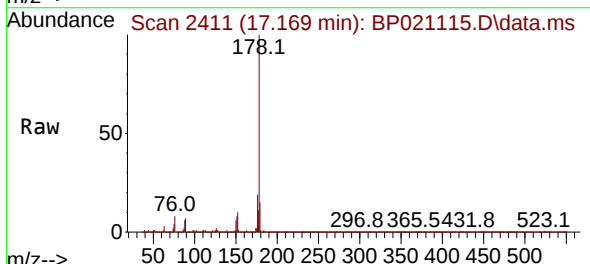
Tgt Ion:166 Resp: 41390
Ion Ratio Lower Upper
166 100
165 91.0 78.1 117.1
167 14.9 10.9 16.3

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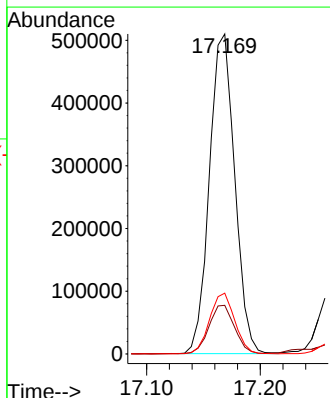
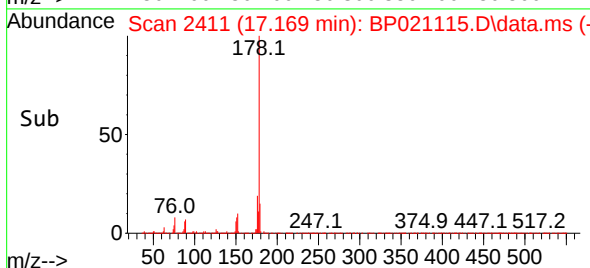
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

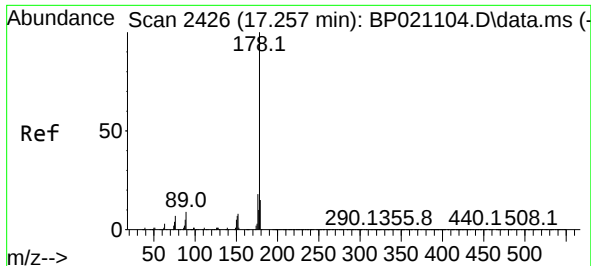


#72
Phenanthrene
Concen: 13.809 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34



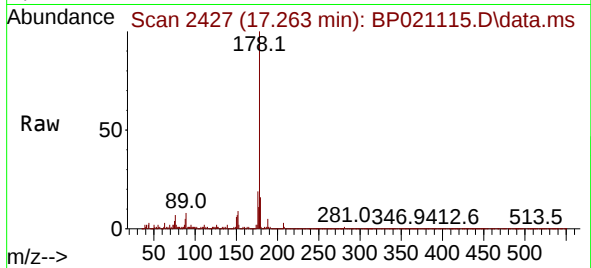
Tgt Ion:178 Resp: 790204
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.0 15.0 22.4





#74
 Anthracene
 Concen: 2.311 ng/ul
 RT: 17.263 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BP021115.D
 Acq: 24 Jul 2024 02:34

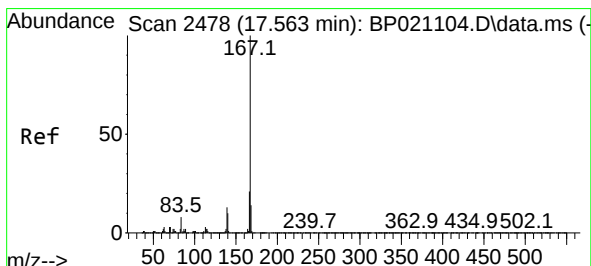
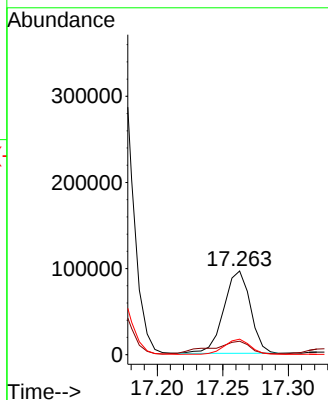
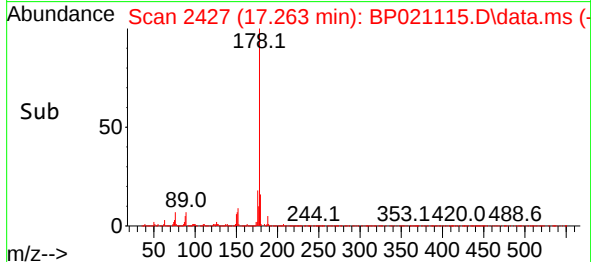
Instrument :
 BNA_P
 ClientSampleId :
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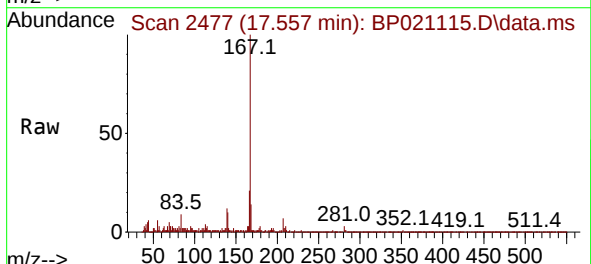
Tgt Ion:178 Resp: 134828
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 18.5 14.8 22.2

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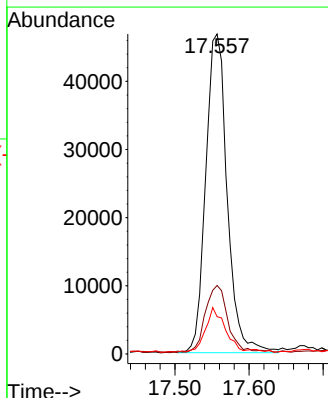
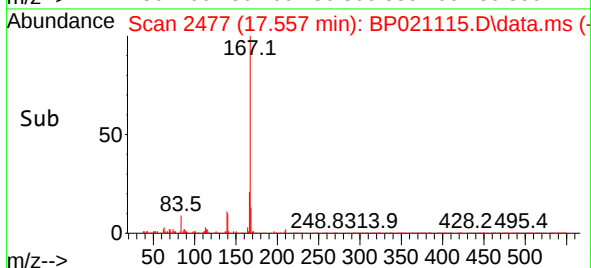
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

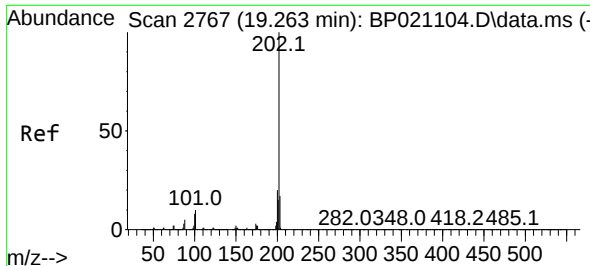


#77
 Carbazole
 Concen: 1.975 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP021115.D
 Acq: 24 Jul 2024 02:34



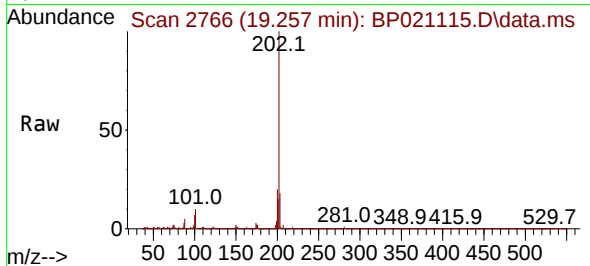
Tgt Ion:167 Resp: 94167
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 11.6 10.2 15.2





#80
Fluoranthene
Concen: 17.813 ng/ul
RT: 19.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34

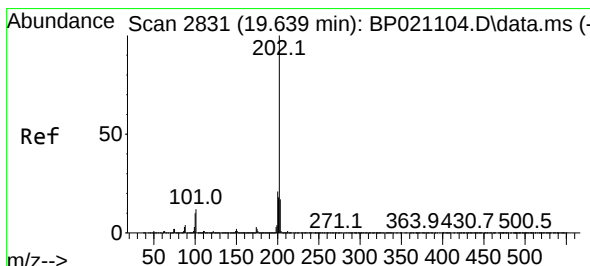
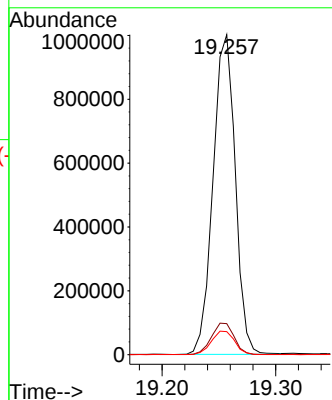
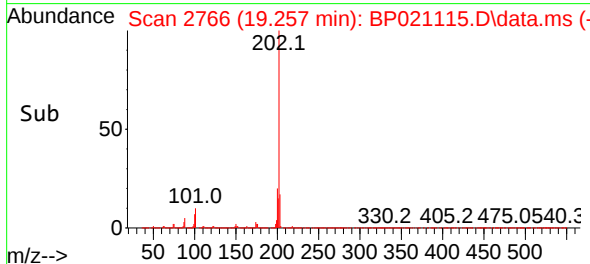
Instrument :
BNA_P
ClientSampleId :
A4BE7



Tgt Ion:202 Resp: 1362249
Ion Ratio Lower Upper
202 100
101 9.7 8.0 12.0
100 7.2 6.1 9.1

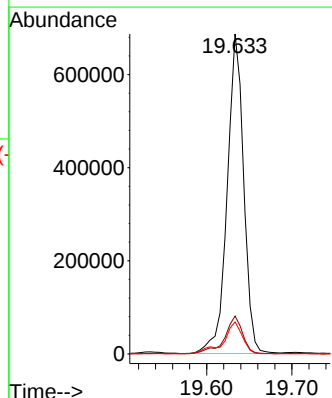
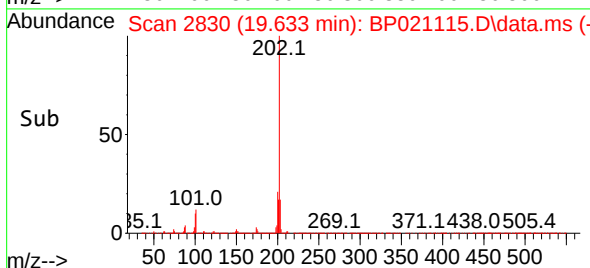
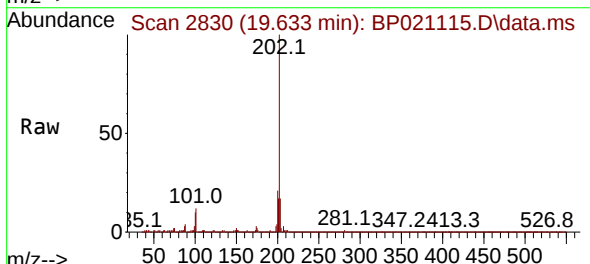
Manual Integrations
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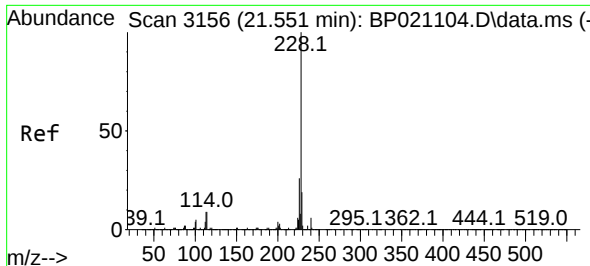
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#82
Pyrene
Concen: 11.920 ng/ul
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34

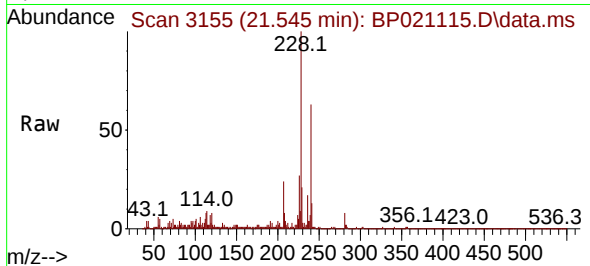
Tgt Ion:202 Resp: 927607
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 10.0 7.8 11.6





#85
Benzo(a)anthracene
Concen: 7.613 ng/ul
RT: 21.545 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34

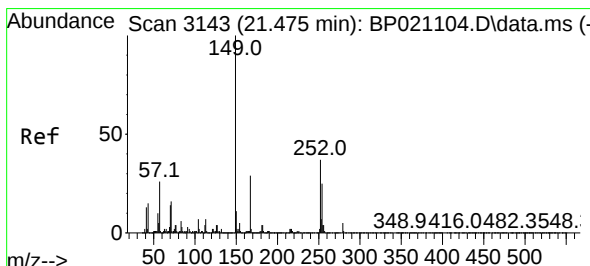
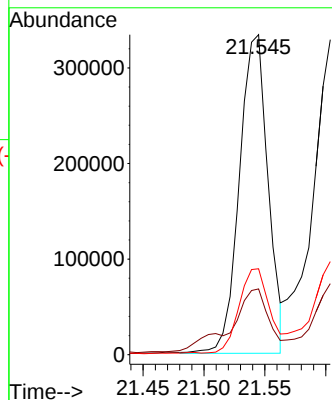
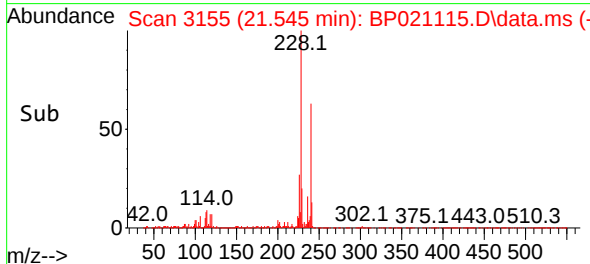
Instrument : BNA_P
ClientSampleId : A4BE7



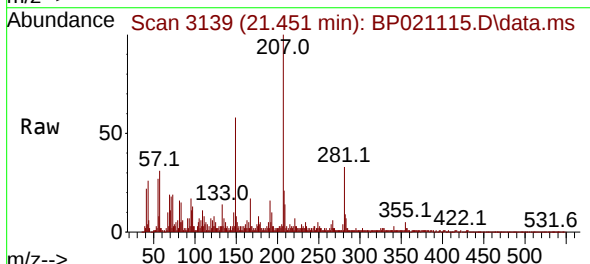
Tgt Ion:228 Resp: 54624
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 26.8 21.4 32.2

Manual Integrations
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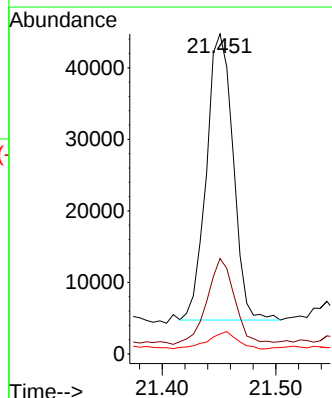
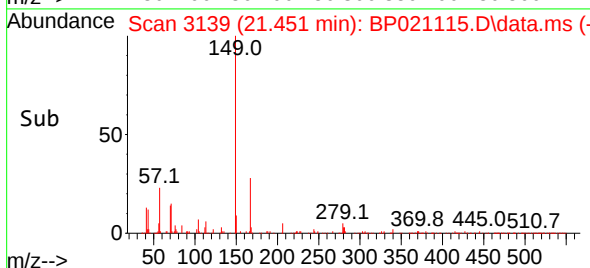
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

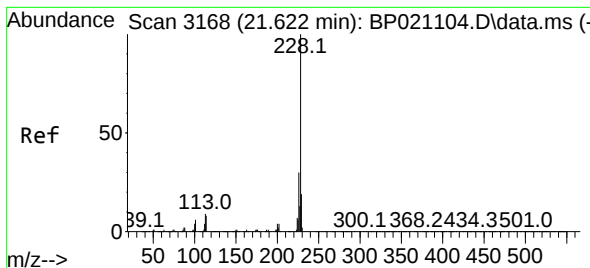


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.401 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. -0.024 min
Lab File: BP021115.D
Acq: 24 Jul 2024 02:34



Tgt Ion:149 Resp: 65389
Ion Ratio Lower Upper
149 100
167 29.8 22.1 33.1
279 6.2 3.7 5.5





#87

Chrysene

Concen: 8.590 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. -0.018 min

Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Instrument :

BNA_P

ClientSampleId :

A4BE7

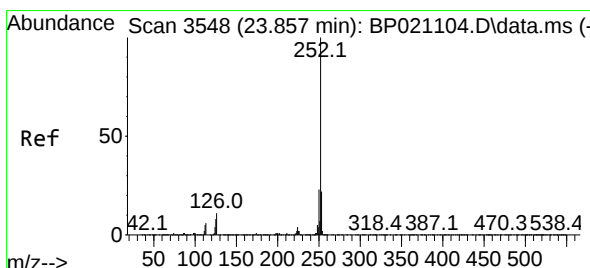
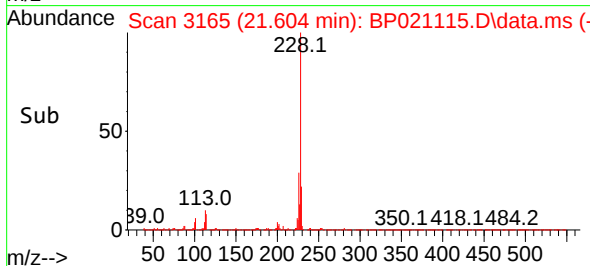
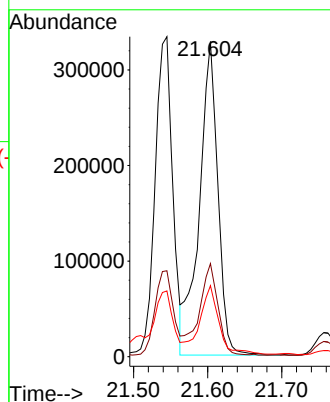
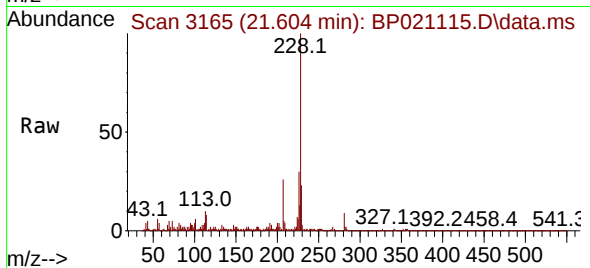
Tgt Ion:228 Resp: 57272

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	22.6	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 9.710 ng/ul

RT: 23.833 min Scan# 3544

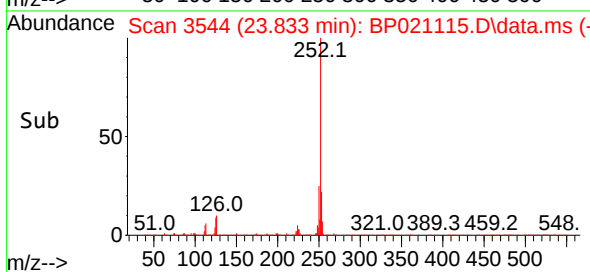
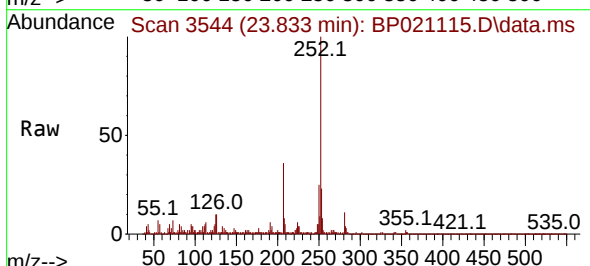
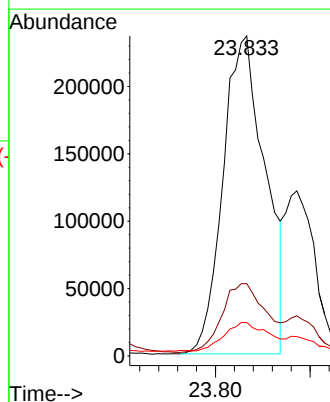
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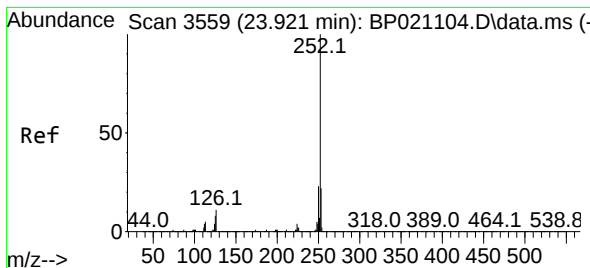
Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Tgt Ion:252 Resp: 729992

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.5	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 3.528 ng/ul m

RT: 23.886 min Scan# 3553

Delta R.T. -0.035 min

Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Instrument :

BNA_P

ClientSampleId :

A4BE7

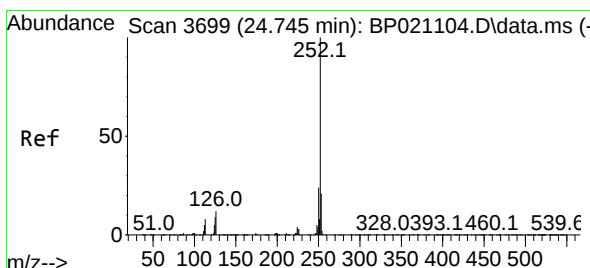
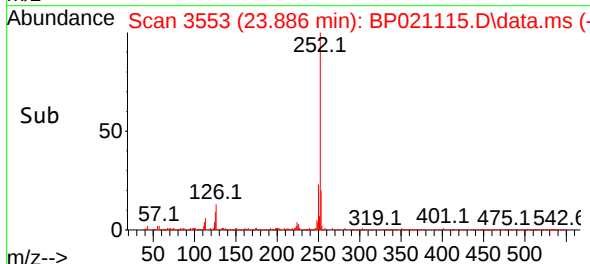
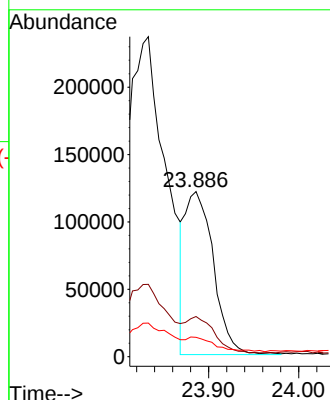
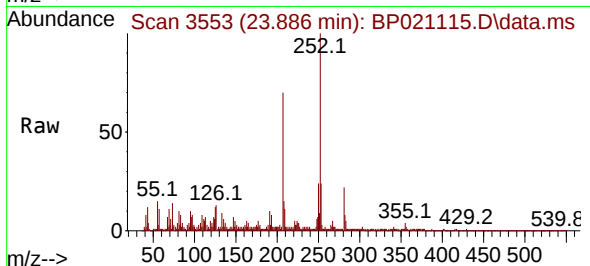
Tgt Ion:252 Resp: 264700

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	11.7	7.4	11.0

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#93

Benzo(a)pyrene

Concen: 4.143 ng/ul

RT: 24.715 min Scan# 3694

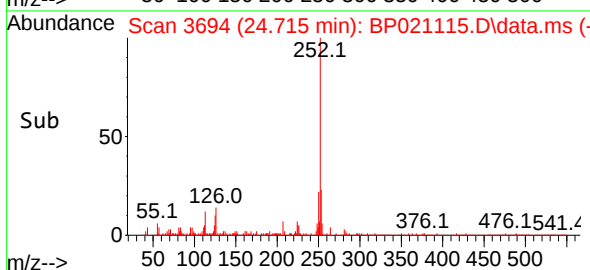
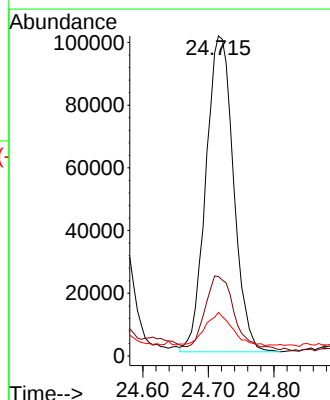
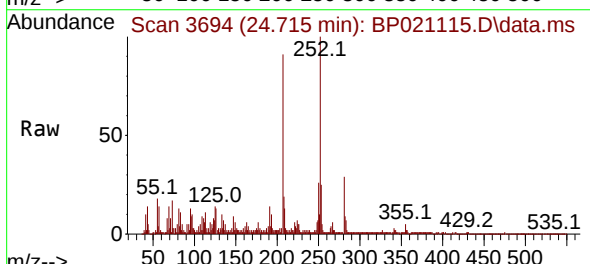
Delta R.T. -0.030 min

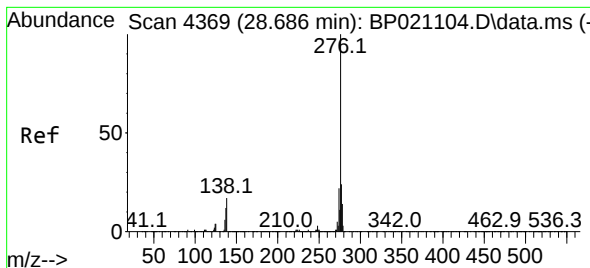
Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Tgt Ion:252 Resp: 294306

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	13.6	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.853 ng/ul

RT: 28.650 min Scan# 4369

Delta R.T. -0.035 min

Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Instrument :

BNA_P

ClientSampleId :

A4BE7

Tgt Ion:276 Resp: 26116

Ion Ratio Lower Upper

276 100

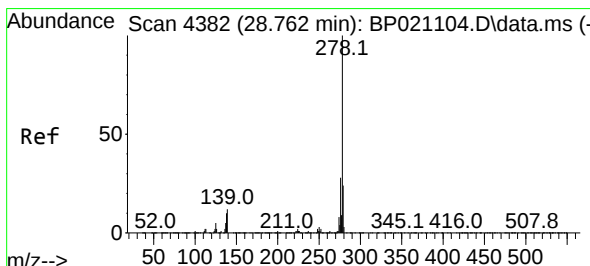
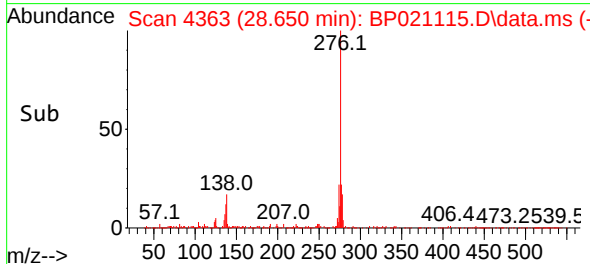
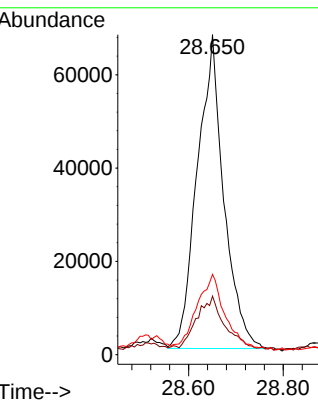
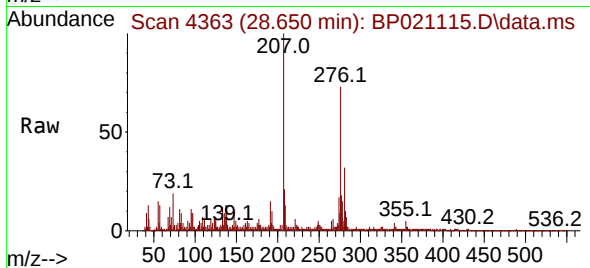
138 18.3 14.3 21.5

277 25.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.197 ng/ul m

RT: 28.703 min Scan# 4372

Delta R.T. -0.059 min

Lab File: BP021115.D

Acq: 24 Jul 2024 02:34

Tgt Ion:278 Resp: 90731

Ion Ratio Lower Upper

278 100

139 23.1 10.9 16.3#

279 33.0 19.4 29.0#

