

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021156.D
 Acq On : 25 Jul 2024 21:00
 Operator : MA/JU
 Sample : P3263-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CK4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:42:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	215123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	777904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	448386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	941756	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	985693	20.000	ng/ul	0.00
88) Perylene-d12	24.898	264	1268442	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	14204	3.005	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.869	99	286719	16.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	175227	16.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	242354	16.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	224950	15.443	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	111668	18.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	127451	18.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	214986	17.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	55225m	3.334	ng/ul	0.02
46) Dimethylphthalate-d6	13.699	166	602073	18.471	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	714552	19.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	73885	15.932	ng/ul	0.00
60) Fluorene-d10	15.304	176	528977	19.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	62641	10.993	ng/ul	0.01
73) Anthracene-d10	17.204	188	825572	19.737	ng/ul	0.00
81) Pyrene-d10	19.592	212	890855	14.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	838054	13.396	ng/ul	0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.822	77	18930	2.141	ng/ul	92
30) Naphthalene	10.463	128	70913	1.733	ng/ul	98
36) 2-Methylnaphthalene	12.081	142	34720	1.236	ng/ul	98
50) Acenaphthylene	14.010	152	176039	4.248	ng/ul	99
52) Acenaphthene	14.357	153	60649	2.205	ng/ul	98
56) Dibenzofuran	14.704	168	61173	1.624	ng/ul	99
61) Fluorene	15.357	166	78676	2.560	ng/ul#	98
72) Phenanthrene	17.145	178	1509643	30.901	ng/ul	100
74) Anthracene	17.245	178	366504	7.359	ng/ul	99
77) Carbazole	17.540	167	133154	3.270	ng/ul	97
78) Di-n-butylphthalate	18.110	149	145616	2.592	ng/ul	98
80) Fluoranthene	19.251	202	2703586	36.737	ng/ul	100
82) Pyrene	19.628	202	2119833	28.307	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1509484	21.861	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	77852	1.734	ng/ul#	93
87) Chrysene	21.610	228	1609093	25.079	ng/ul	97
90) Benzo(b)fluoranthene	23.833	252	2223123	28.881	ng/ul#	96
91) Benzo(k)fluoranthene	23.886	252	730200m	9.505	ng/ul	
93) Benzo(a)pyrene	24.733	252	833528	11.459	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.709	276	919919m	9.814	ng/ul	
95) Dibenzo(a,h)anthracene	28.733	278	336152m	4.331	ng/ul	
96) Benzo(g,h,i)perylene	29.874	276	145665m	1.908	ng/ul	

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Instrument :
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ClientSampleId :
A4CK4

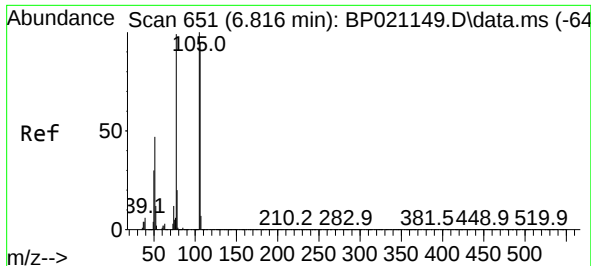
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:42:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

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

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



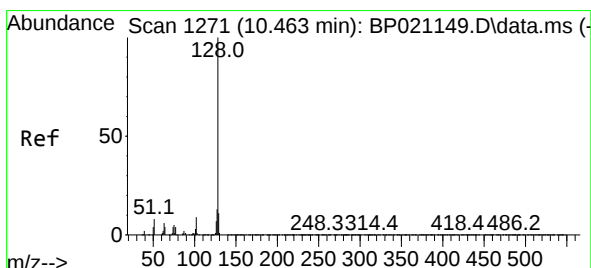
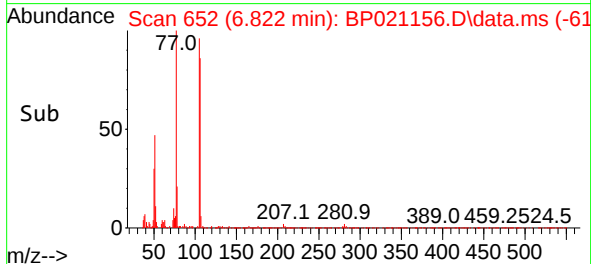
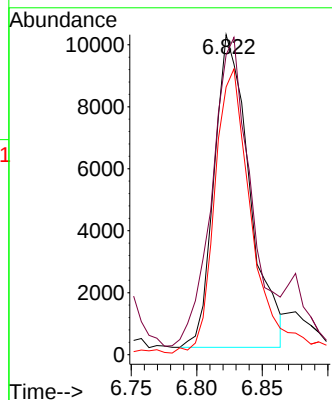
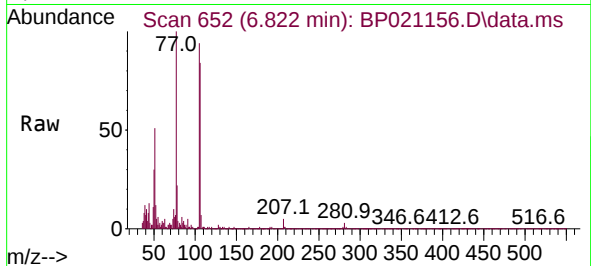
#6
Benzaldehyde
Concen: 2.141 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Instrument :
BNA_P
ClientSampleId :
A4CK4

Tgt Ion: 77 Resp: 18930
Ion Ratio Lower Upper
77 100
105 93.7 79.3 118.9
106 83.7 74.6 112.0

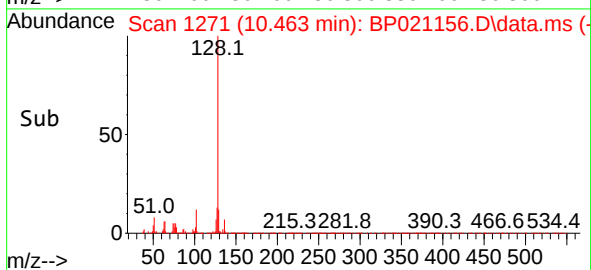
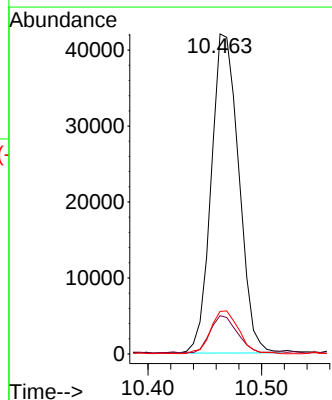
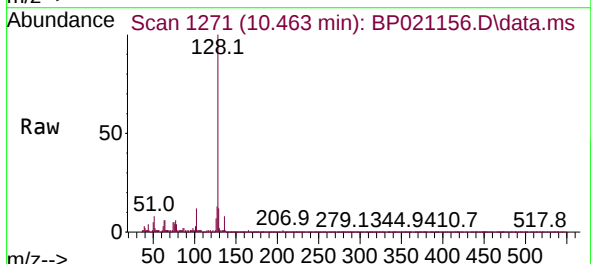
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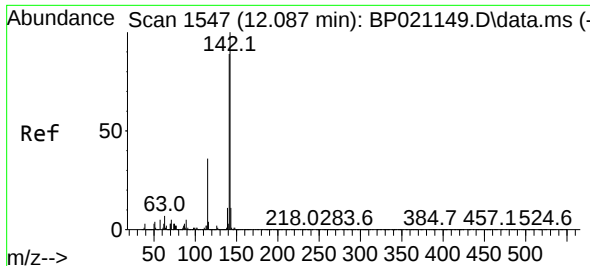
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#30
Naphthalene
Concen: 1.733 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

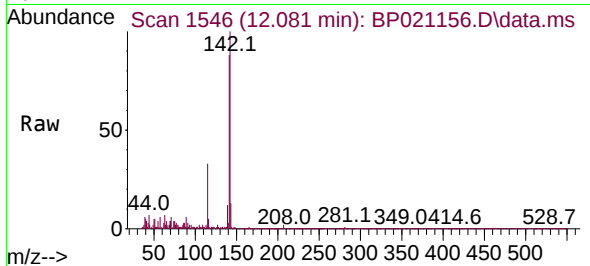
Tgt Ion:128 Resp: 70913
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.3 10.8 16.2





#36
2-Methylnaphthalene
Concen: 1.236 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

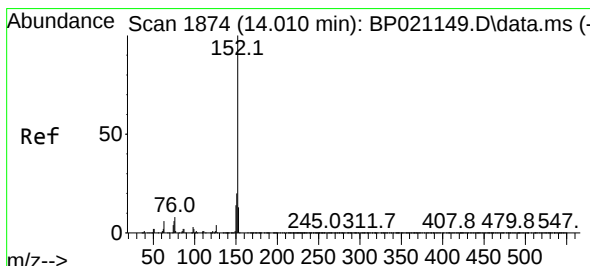
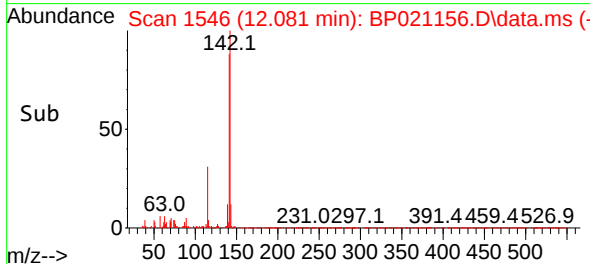
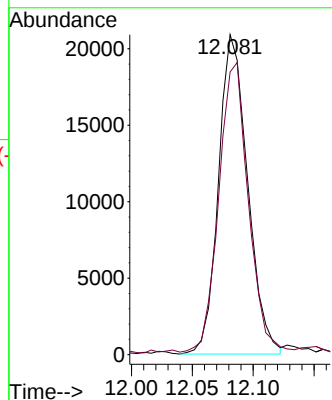
Instrument :
BNA_P
ClientSampleId :
A4CK4



Tgt Ion:142 Resp: 34720
Ion Ratio Lower Upper
142 100
141 88.3 72.6 108.8

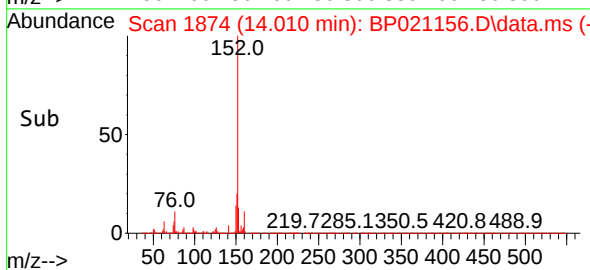
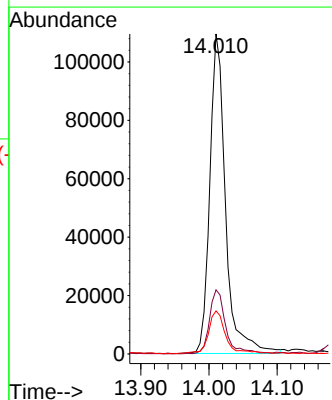
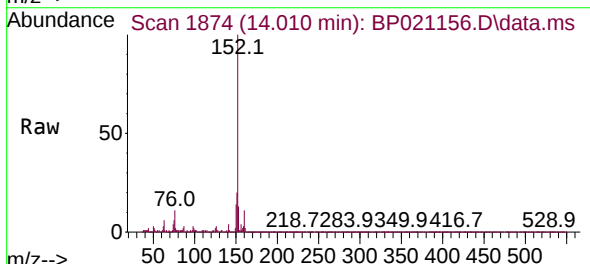
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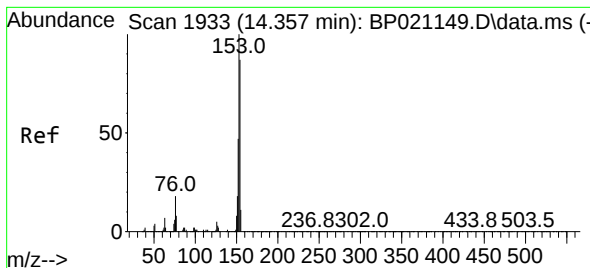
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#50
Acenaphthylene
Concen: 4.248 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:152 Resp: 176039
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.3 15.5





#52

Acenaphthene

Concen: 2.205 ng/ul

RT: 14.357 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

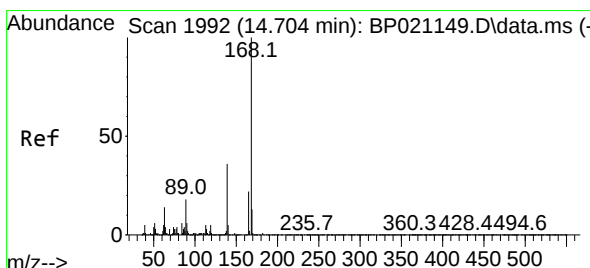
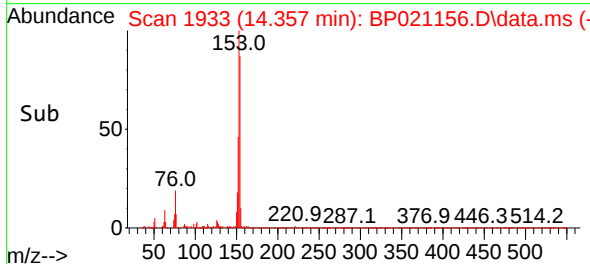
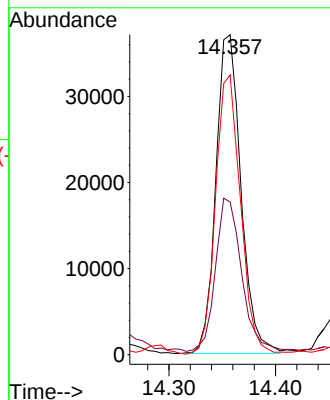
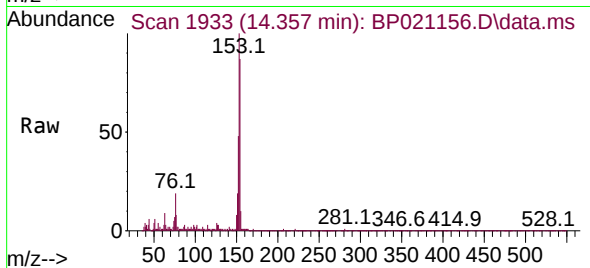
A4CK4

Tgt Ion:	153	Resp:	60649
Ion Ratio	Lower	Upper	
153	100		
152	47.7	37.8	56.6
154	87.4	71.8	107.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#56

Dibenzofuran

Concen: 1.624 ng/ul

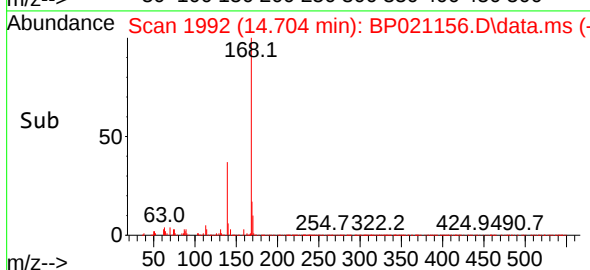
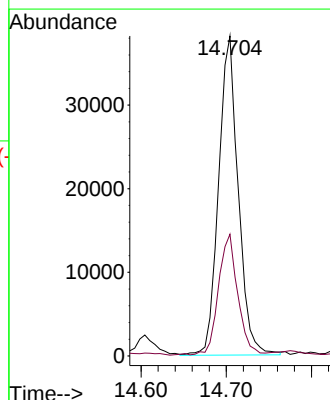
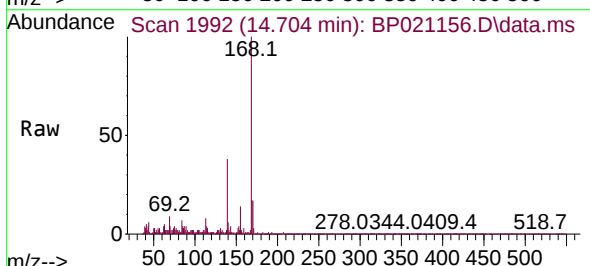
RT: 14.704 min Scan# 1992

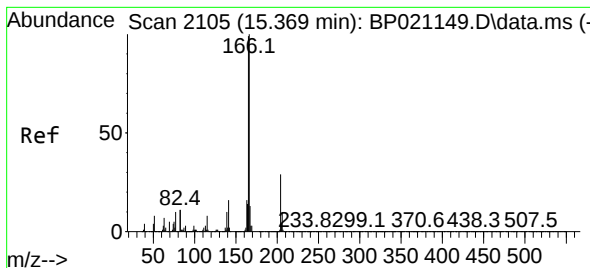
Delta R.T. 0.006 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Tgt Ion:	168	Resp:	61173
Ion Ratio	Lower	Upper	
168	100		
139	38.1	31.1	46.7





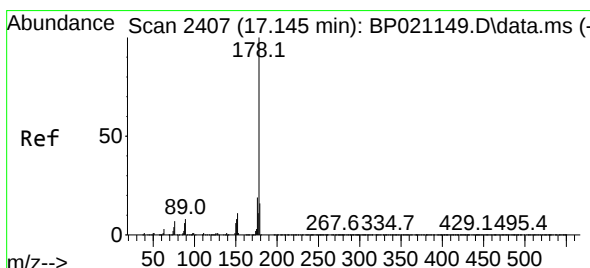
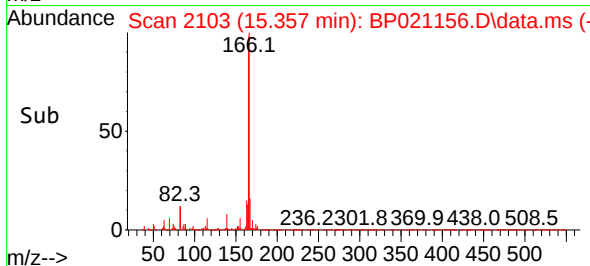
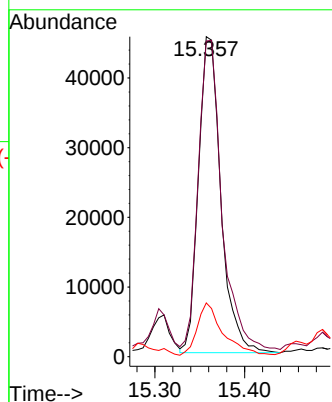
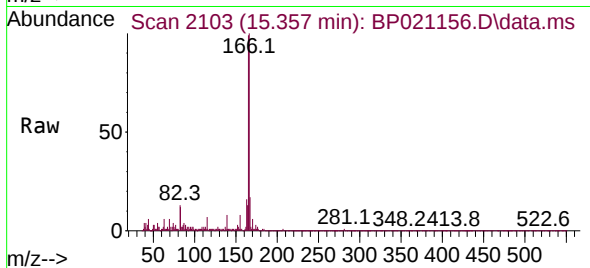
#61
Fluorene
Concen: 2.560 ng/ul
RT: 15.357 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Instrument :
BNA_P
ClientSampleId :
A4CK4

Tgt Ion:166 Resp: 78670
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 16.8 10.9 16.3

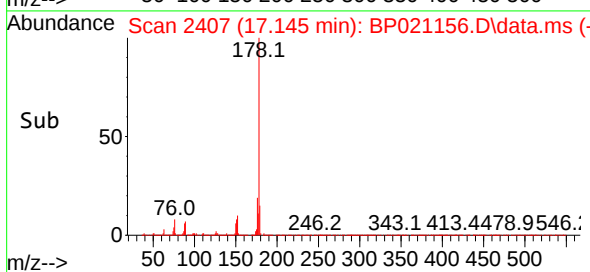
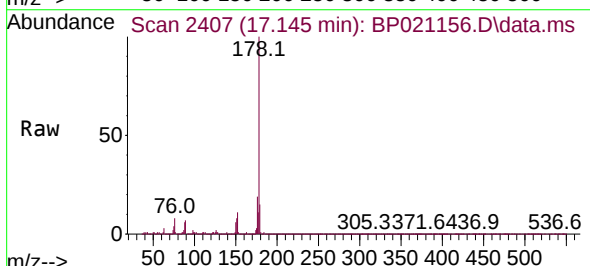
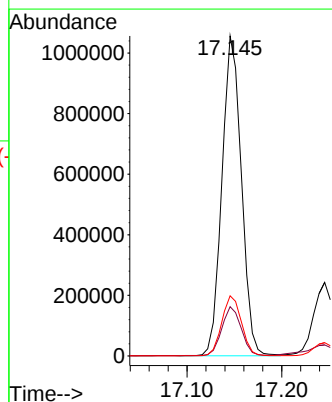
Manual Integrations
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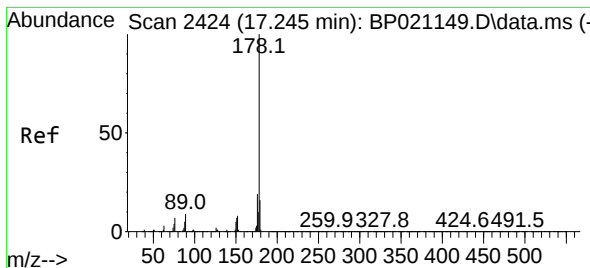
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#72
Phenanthrene
Concen: 30.901 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:178 Resp: 1509643
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.8 15.0 22.4





#74

Anthracene

Concen: 7.359 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

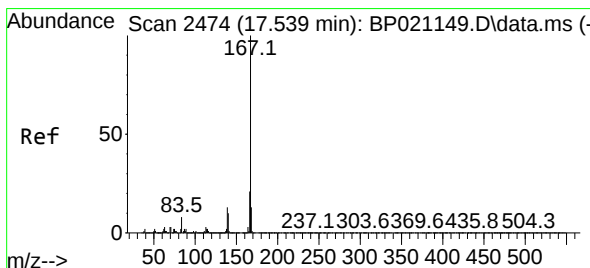
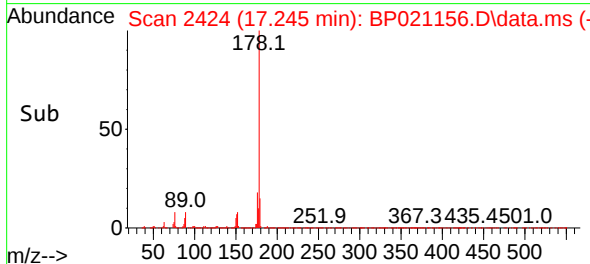
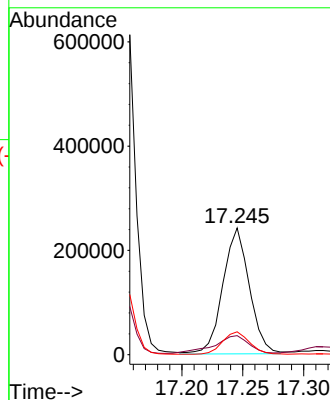
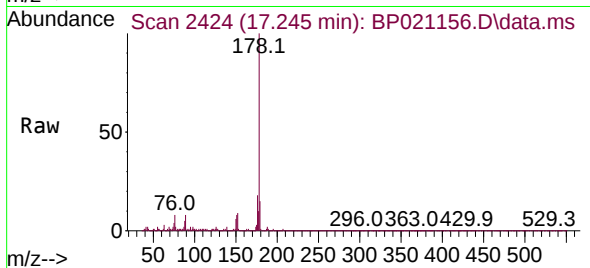
A4CK4

Tgt Ion:178 Resp: 366504
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.5 18.7
 176 18.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#77

Carbazole

Concen: 3.270 ng/ul

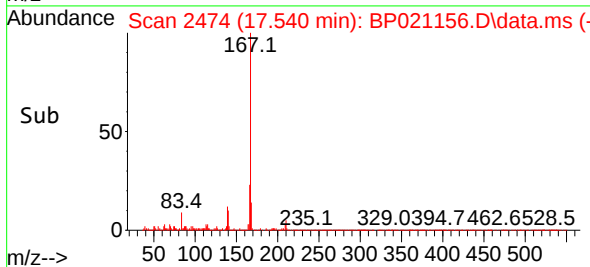
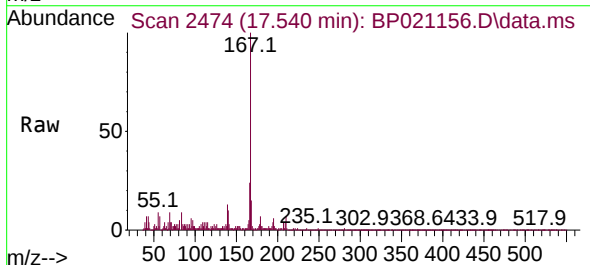
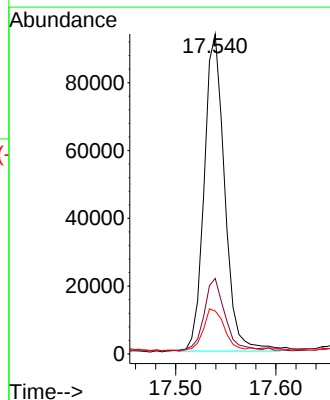
RT: 17.540 min Scan# 2474

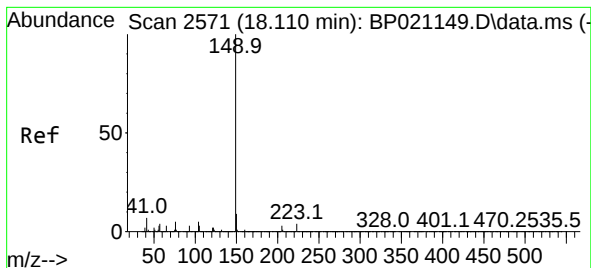
Delta R.T. 0.000 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Tgt Ion:167 Resp: 133154
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.3 25.9
 139 13.4 10.2 15.2





#78

Di-n-butylphthalate

Concen: 2.592 ng/ul

RT: 18.110 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

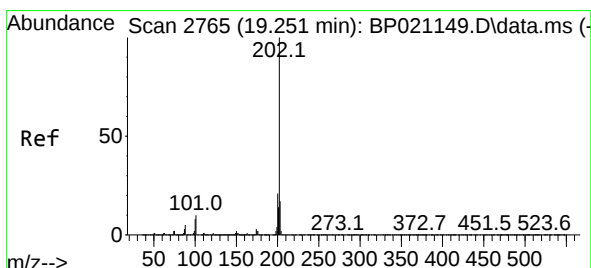
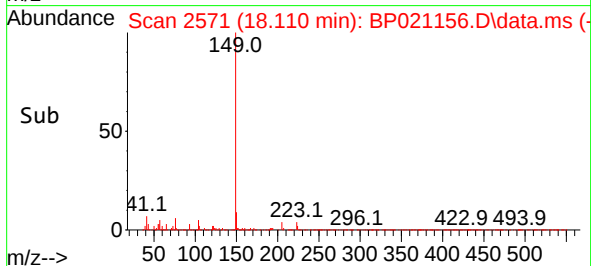
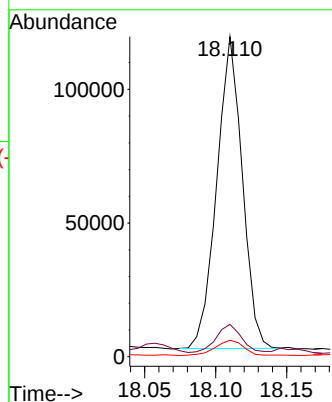
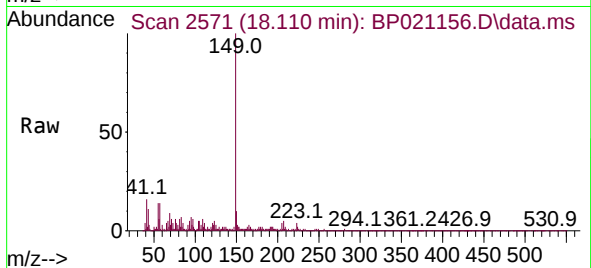
A4CK4

Tgt Ion:	149	Resp:	145610
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.4	11.0
104	5.2	3.9	5.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#80

Fluoranthene

Concen: 36.737 ng/ul

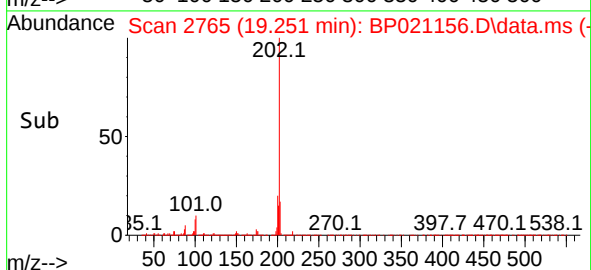
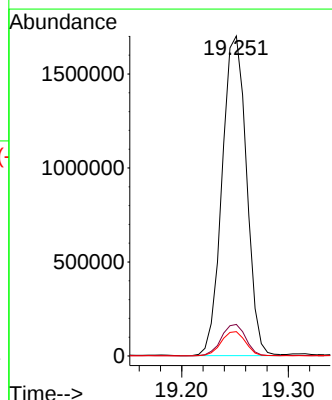
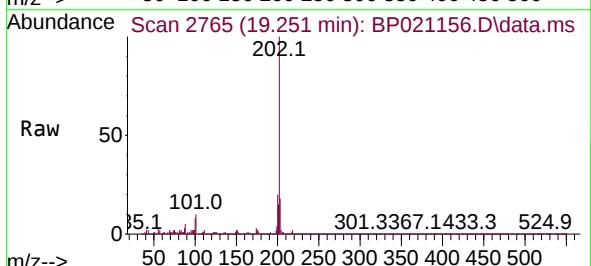
RT: 19.251 min Scan# 2765

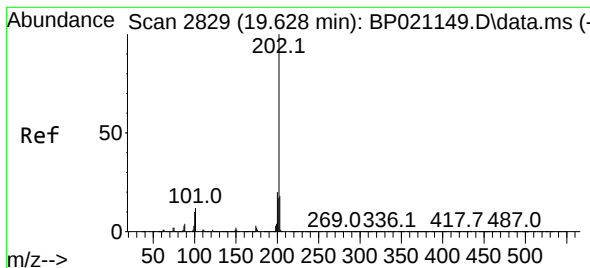
Delta R.T. 0.006 min

Lab File: BP021156.D

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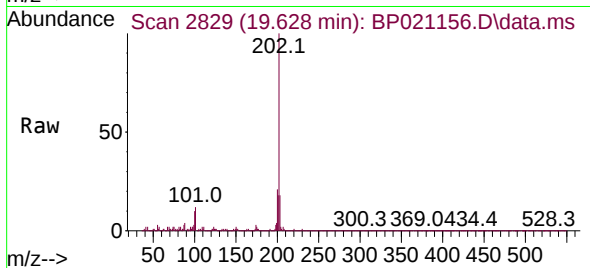
Tgt Ion:	202	Resp:	2703586
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.0	12.0
100	7.6	6.1	9.1





#82
Pyrene
Concen: 28.307 ng/ul
RT: 19.628 min Scan# 211983
Delta R.T. 0.012 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

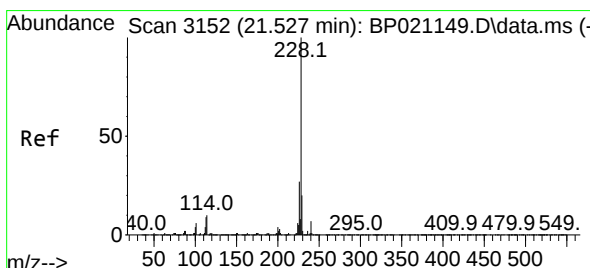
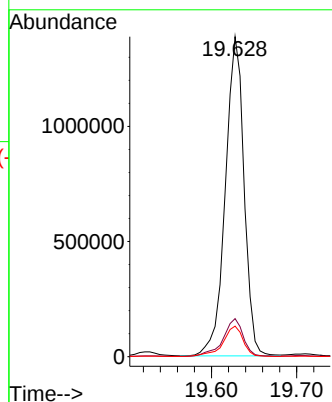
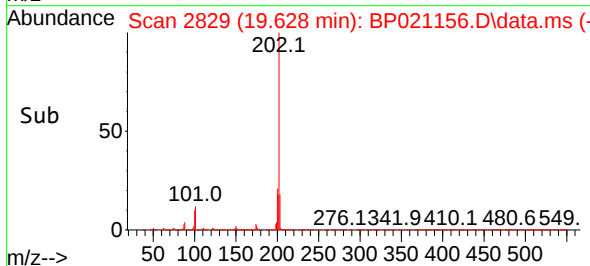
Instrument :
BNA_P
ClientSampleId :
A4CK4



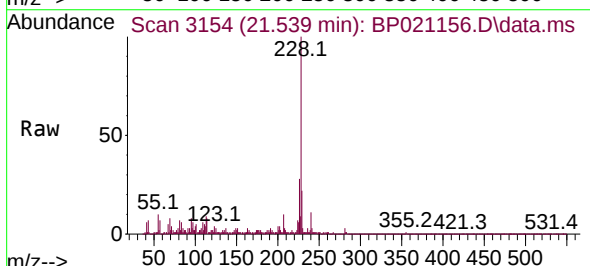
Tgt Ion:202 Resp: 211983
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.6 7.8 11.6

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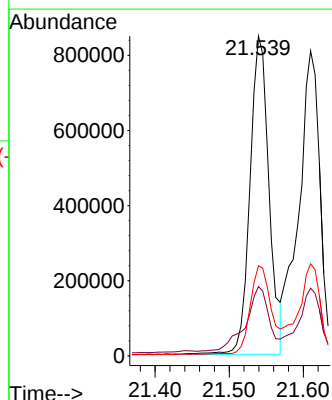
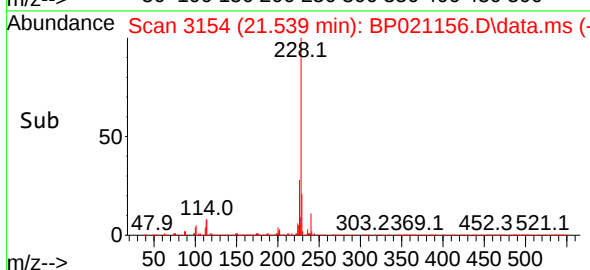
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

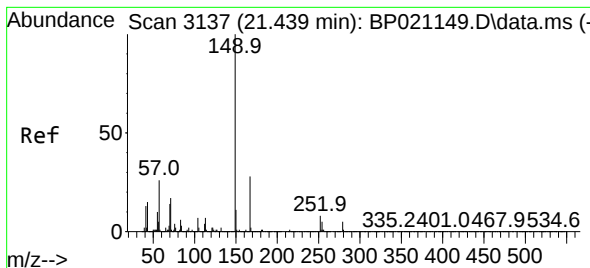


#85
Benzo(a)anthracene
Concen: 21.861 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00



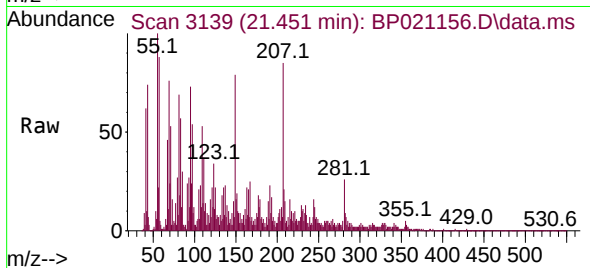
Tgt Ion:228 Resp: 1509484
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 28.2 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.734 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

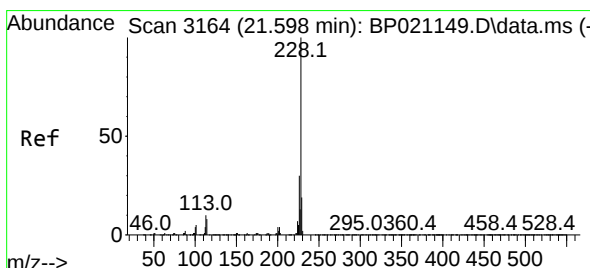
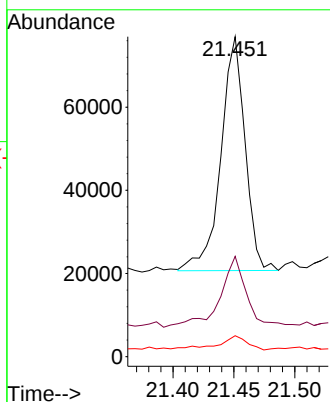
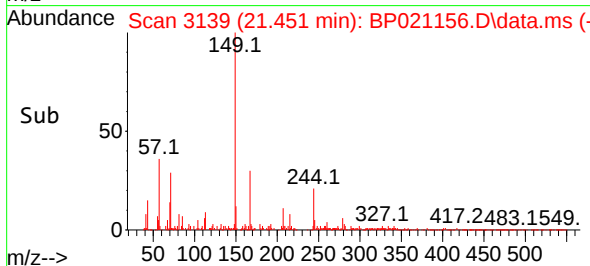
Instrument :
BNA_P
ClientSampleId :
A4CK4



Tgt Ion:149 Resp: 77852
Ion Ratio Lower Upper
149 100
167 31.4 22.1 33.1
279 6.5 3.7 5.5

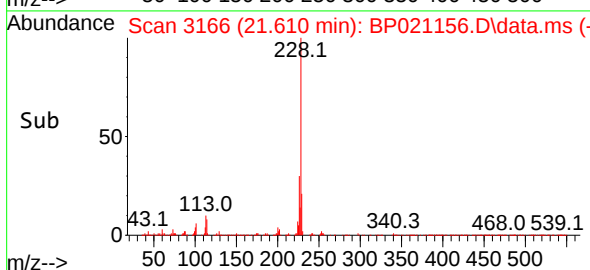
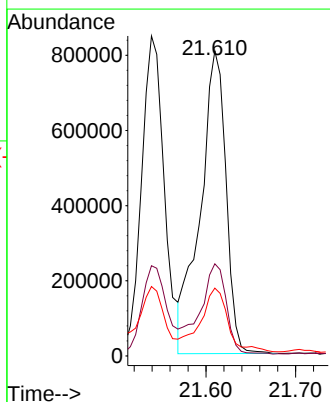
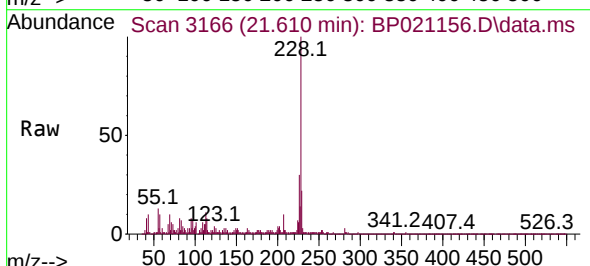
Manual Integrations
APPROVED

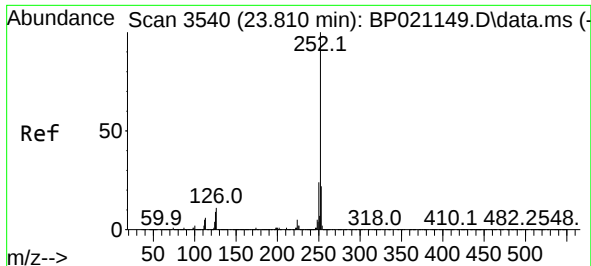
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#87
Chrysene
Concen: 25.079 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

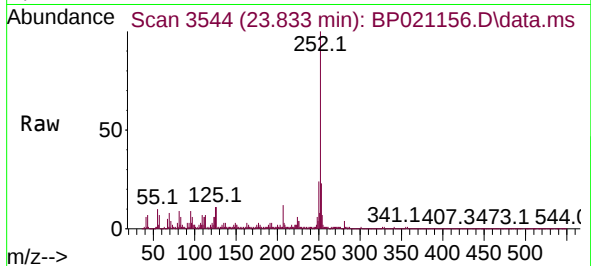
Tgt Ion:228 Resp: 1609093
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 28.881 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

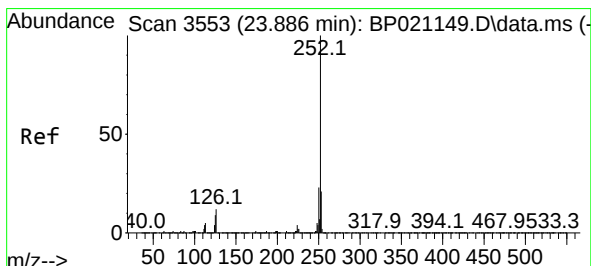
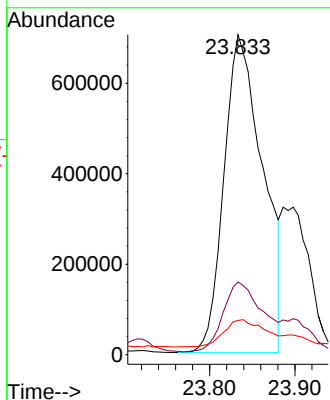
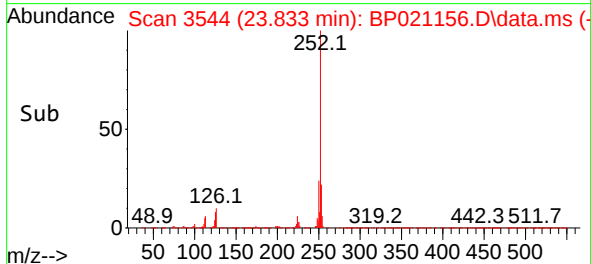
Instrument :
BNA_P
ClientSampleId :
A4CK4



Tgt Ion:252 Resp: 222312
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.7 7.0 10.4

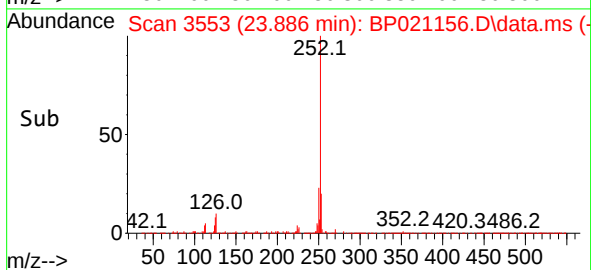
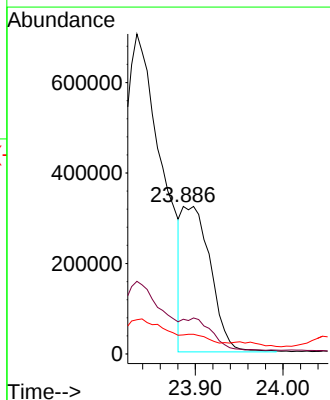
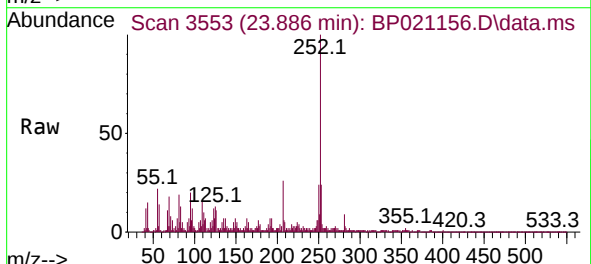
Manual Integrations
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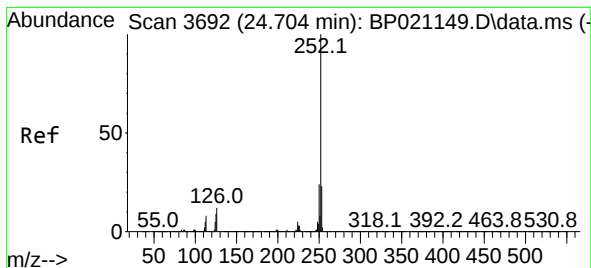
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#91
Benzo(k)fluoranthene
Concen: 9.505 ng/ul m
RT: 23.886 min Scan# 3553
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:252 Resp: 730200
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 13.0 7.4 11.0





#93

Benzo(a)pyrene

Concen: 11.459 ng/ul

RT: 24.733 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

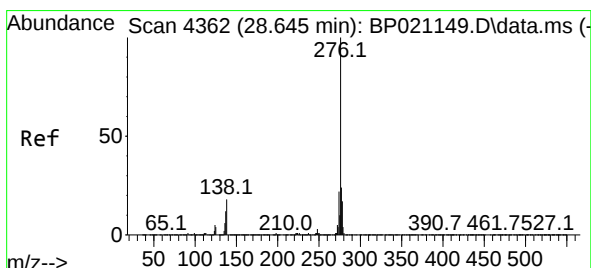
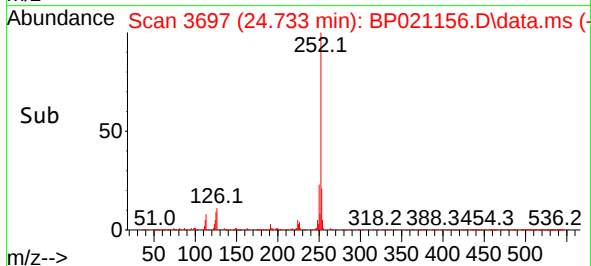
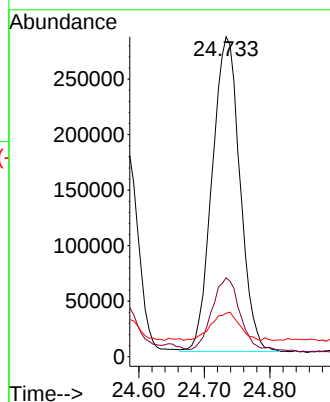
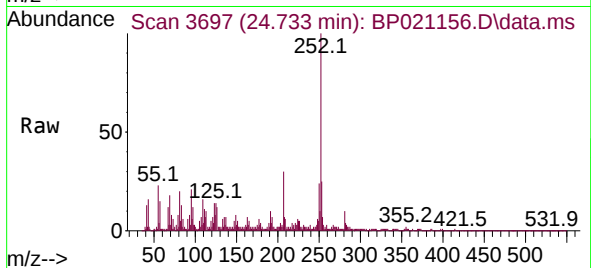
A4CK4

Tgt Ion:	252	Resp:	833528
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	13.6	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.814 ng/ul m

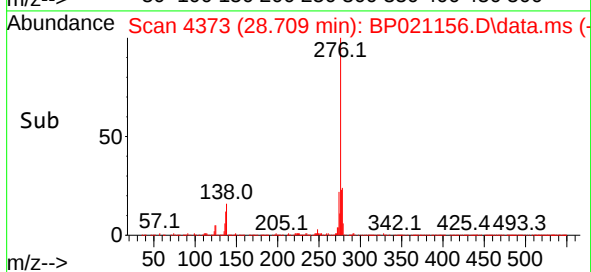
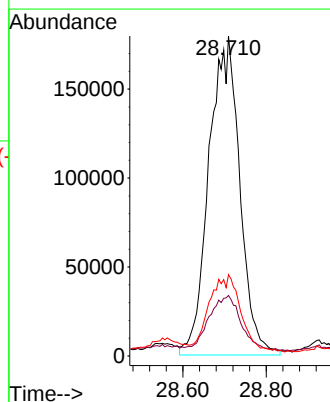
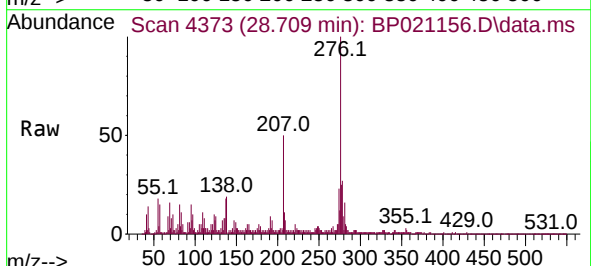
RT: 28.709 min Scan# 4373

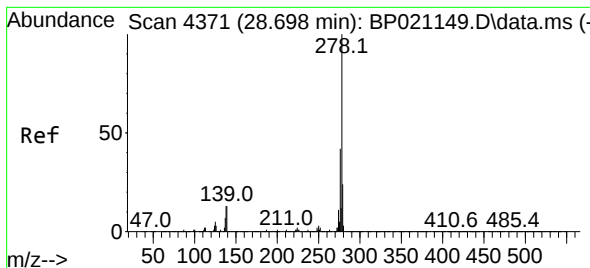
Delta R.T. 0.071 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Tgt Ion:	276	Resp:	919919
Ion Ratio	Lower	Upper	
276	100		
138	18.9	14.3	21.5
277	25.4	19.2	28.8





#95

Dibenzo(a,h)anthracene

Concen: 4.331 ng/ul m

RT: 28.733 min Scan# 4

Delta R.T. 0.041 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

A4CK4

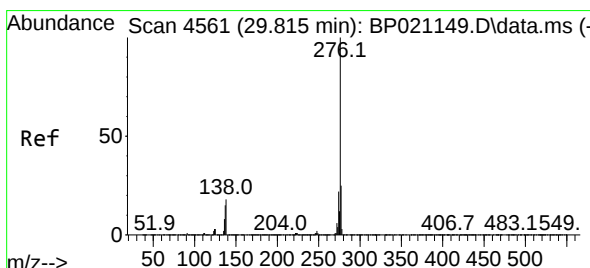
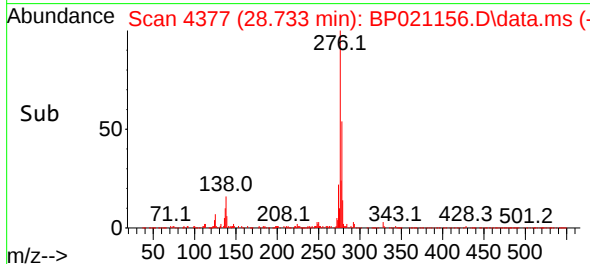
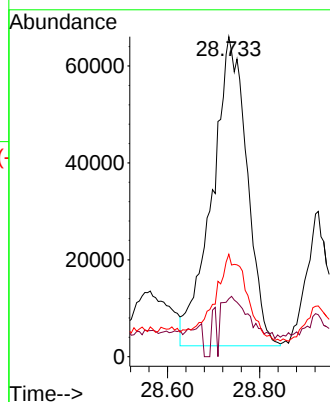
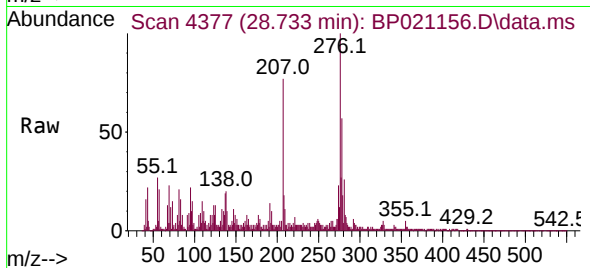
Tgt Ion:278 Resp: 336152

Ion	Ratio	Lower	Upper
278	100		
139	18.1	10.9	16.3
279	32.0	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#96

Benzo(g,h,i)perylene

Concen: 1.908 ng/ul m

RT: 29.874 min Scan# 4571

Delta R.T. 0.065 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Tgt Ion:276 Resp: 145665

Ion	Ratio	Lower	Upper
276	100		
138	26.9	15.3	22.9
277	31.7	18.2	27.2

