

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021153.D
 Acq On : 25 Jul 2024 18:49
 Operator : MA/JU
 Sample : P3263-17 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CK5

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 23:26:02 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	7.652	152	207042	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	787193	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.299	164	451852	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.110	188	803571	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	798767	20.000	ng/u1	0.00
88) Perylene-d12	24.898	264	1060990	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3731	0.820	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.875	99	72580	4.300	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	43945	4.296	ng/u1	0.01
11) 2-Chlorophenol-d4	7.205	132	62260	4.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	56297	4.016	ng/u1	0.01
21) Nitrobenzene-d5	8.816	128	27149	4.440	ng/u1	0.01
24) 2-Nitrophenol-d4	9.528	143	30928	4.419	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	53406	4.220	ng/u1	0.02
31) 4-Chloroaniline-d4	10.605	131	7633m	0.455	ng/u1	0.04
46) Dimethylphthalate-d6	13.699	166	165916	5.051	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	184642	5.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	15049m	3.220	ng/u1	0.04
60) Fluorene-d10	15.304	176	137596	5.106	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	10705	2.202	ng/u1	0.02
73) Anthracene-d10	17.210	188	187760	5.261	ng/u1	0.00
81) Pyrene-d10	19.604	212	188881	3.825	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.657	264	186800	3.570	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.828	77	25452	2.991	ng/u1	97
30) Naphthalene	10.469	128	76524	1.848	ng/u1	97
50) Acenaphthylene	14.016	152	95028	2.276	ng/u1	98
56) Dibenzofuran	14.704	168	39947	1.052	ng/u1	98
72) Phenanthrene	17.151	178	430886	10.336	ng/u1	100
74) Anthracene	17.251	178	151781	3.572	ng/u1	99
80) Fluoranthene	19.257	202	796236	13.351	ng/u1	100
82) Pyrene	19.634	202	676187	11.142	ng/u1	99
85) Benzo(a)anthracene	21.545	228	518762m	9.271	ng/u1	
87) Chrysene	21.610	228	597028	11.483	ng/u1	95
90) Benzo(b)fluoranthene	23.845	252	907665	14.097	ng/u1#	92
91) Benzo(k)fluoranthene	23.910	252	292199	4.547	ng/u1#	86
93) Benzo(a)pyrene	24.727	252	353640	5.812	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.692	276	544969m	6.951	ng/u1	
95) Dibenzo(a,h)anthracene	28.715	278	177010m	2.726	ng/u1	
96) Benzo(g,h,i)perylene	29.868	276	81036m	1.269	ng/u1	

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

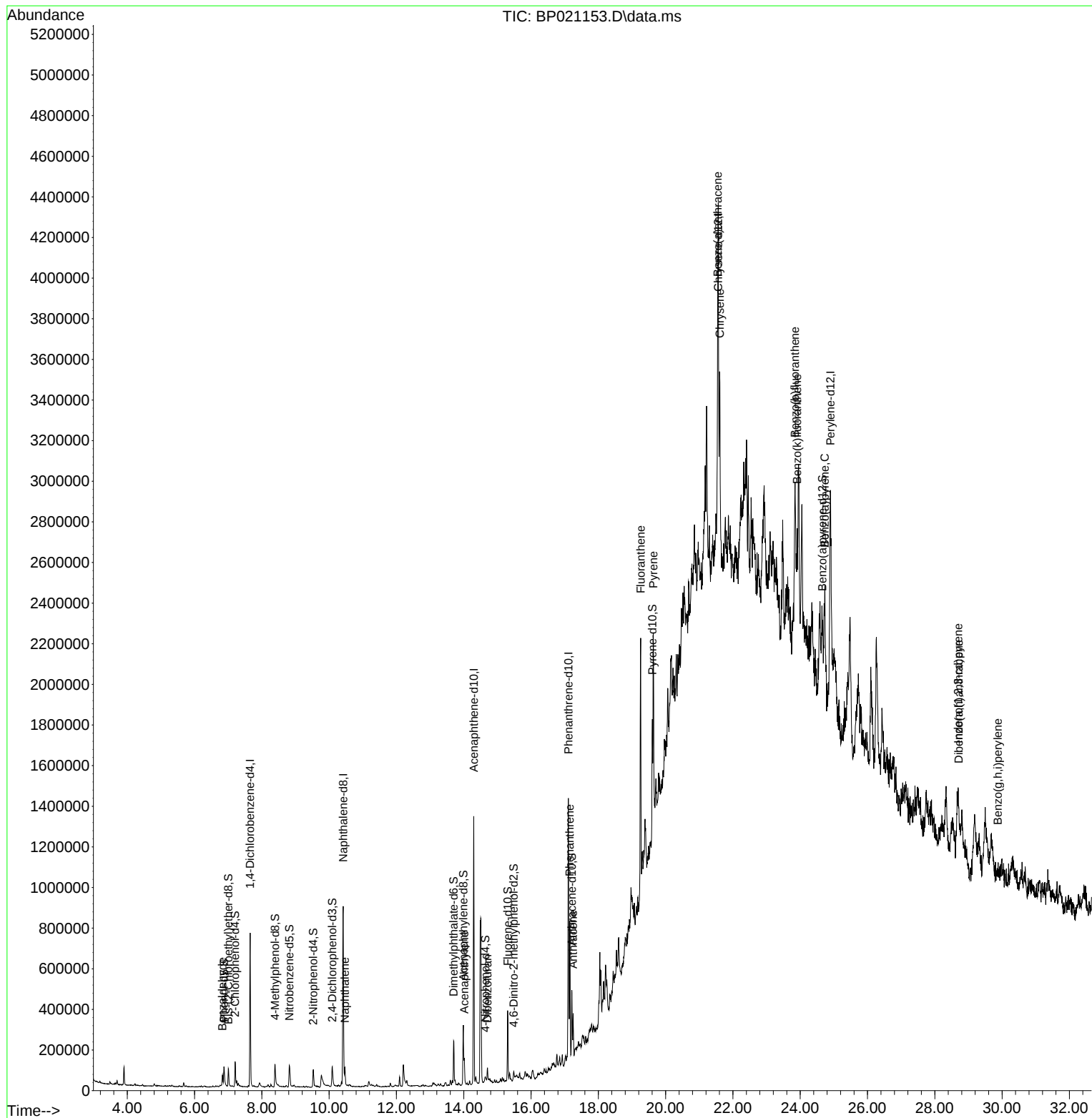
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021153.D
Acq On : 25 Jul 2024 18:49
Operator : MA/JU
Sample : P3263-17 5X
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ALS Vial : 14 Sample Multiplier: 1

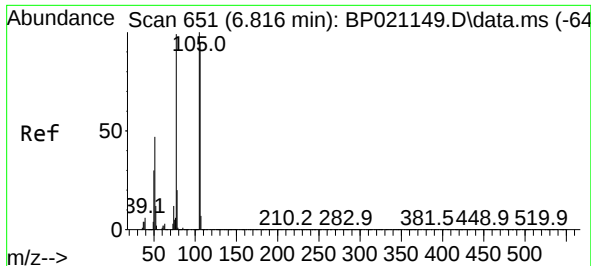
Instrument :
BNA_P
ClientSampleId :
A4CK5

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

Quant Time: Jul 25 23:26:02 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





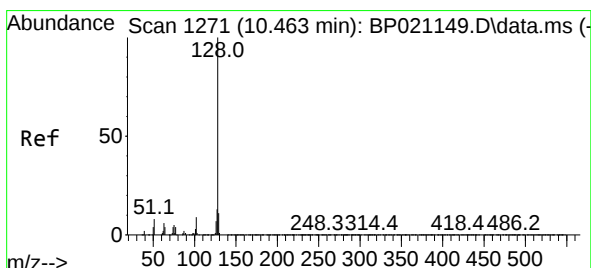
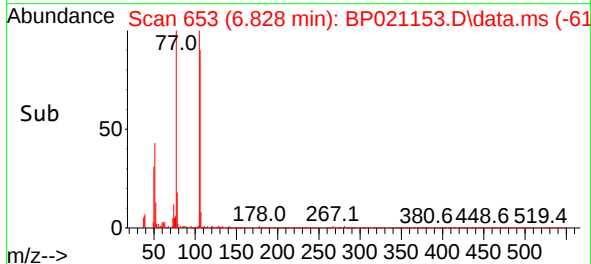
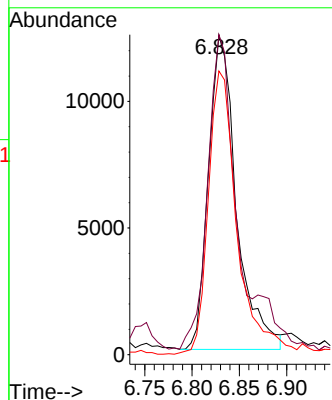
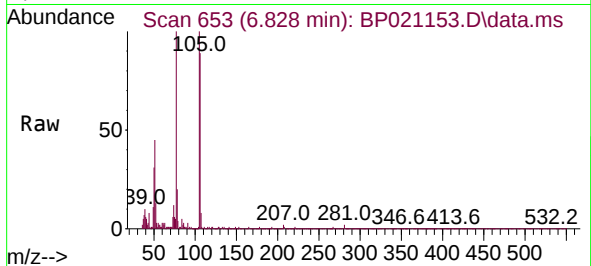
#6
Benzaldehyde
Concen: 2.991 ng/ul
RT: 6.828 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Instrument :
BNA_P
ClientSampleId :
A4CK5

Tgt Ion: 77 Resp: 25452
Ion Ratio Lower Upper
77 100
105 100.2 79.3 118.9
106 88.8 74.6 112.0

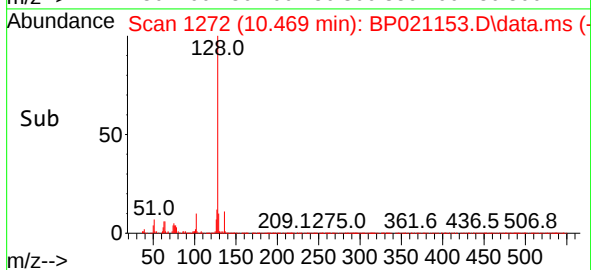
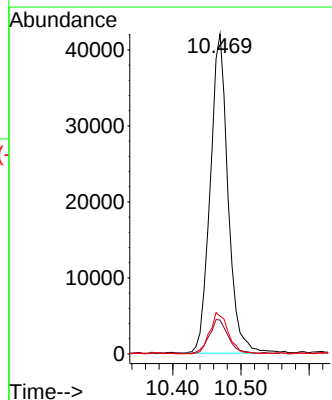
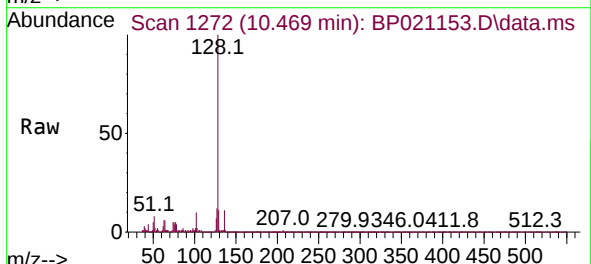
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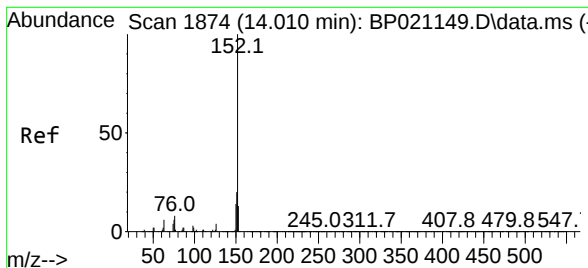
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#30
Naphthalene
Concen: 1.848 ng/ul
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

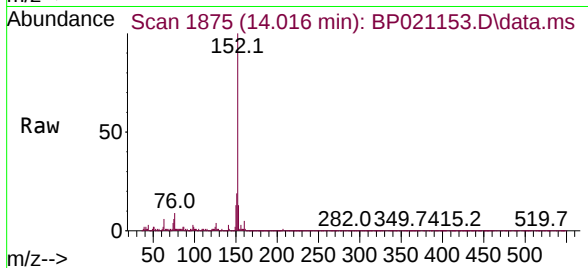
Tgt Ion:128 Resp: 76524
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 11.8 10.8 16.2





#50
Acenaphthylene
Concen: 2.276 ng/ul
RT: 14.016 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

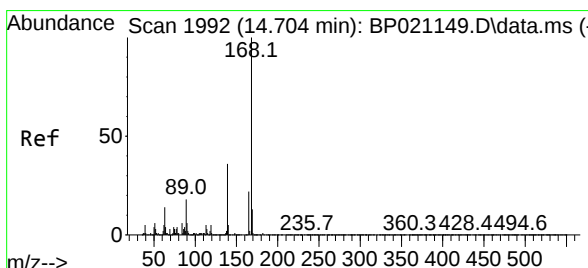
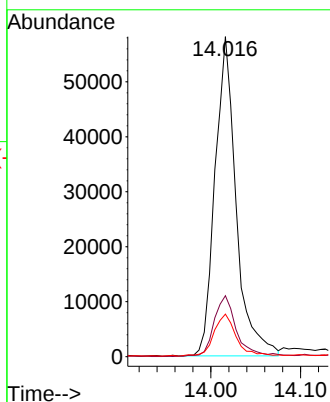
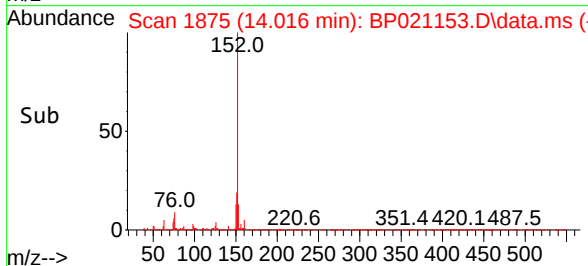
Instrument :
BNA_P
ClientSampleId :
A4CK5



Tgt Ion:152 Resp: 95028
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.2
153 13.3 10.3 15.5

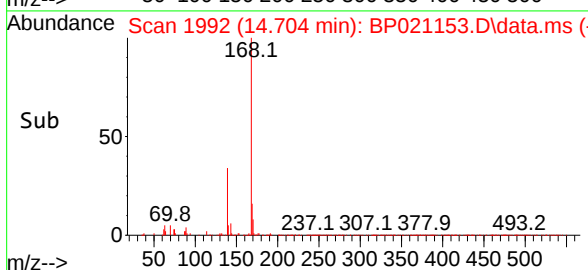
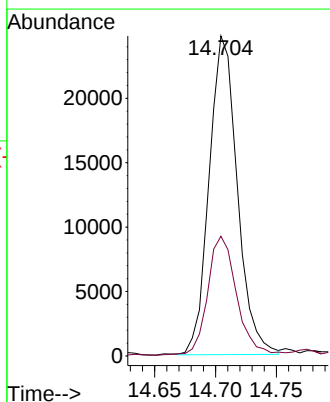
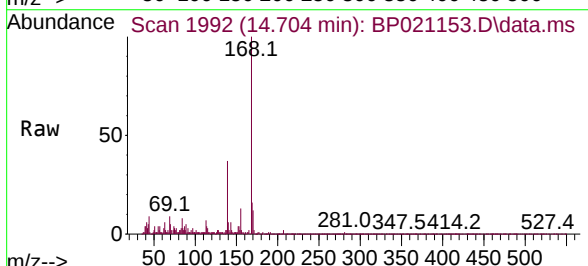
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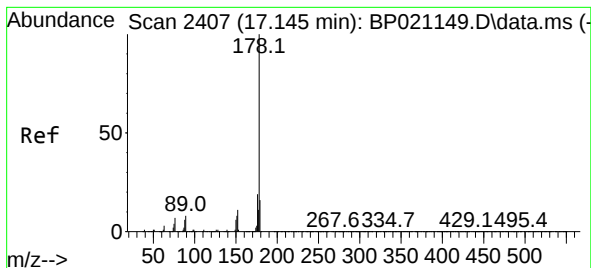
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#56
Dibenzofuran
Concen: 1.052 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Tgt Ion:168 Resp: 39947
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7





#72

Phenanthrene

Concen: 10.336 ng/u1

RT: 17.151 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

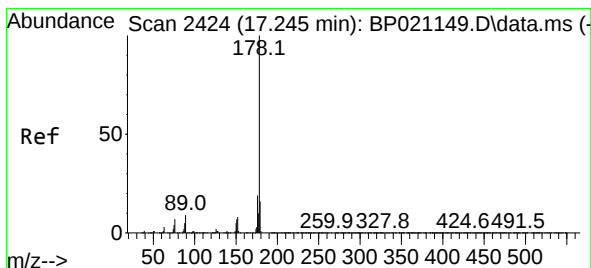
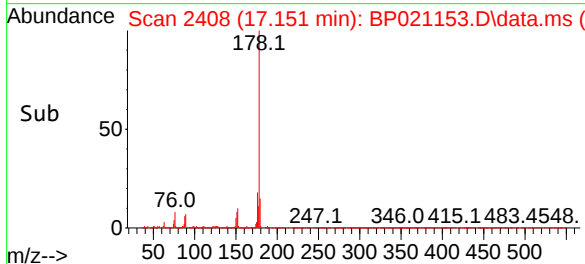
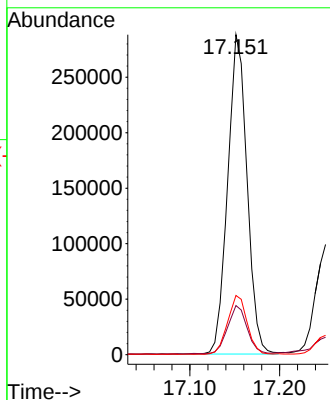
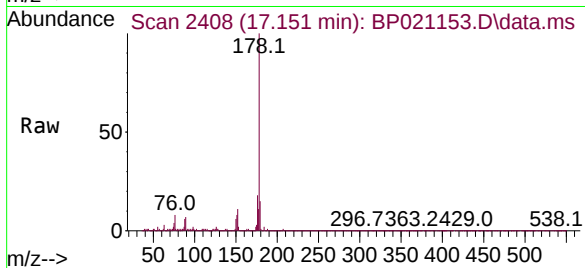
A4CK5

Tgt Ion:	178	Resp:	430880
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	18.5	15.0	22.4

Manual Integrations

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



#74

Anthracene

Concen: 3.572 ng/u1

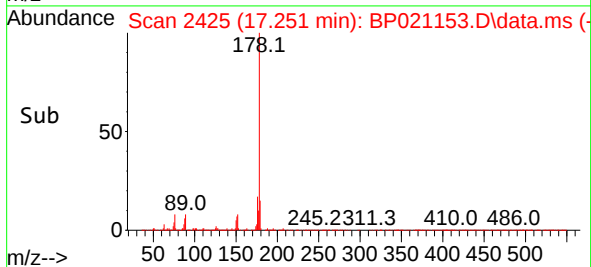
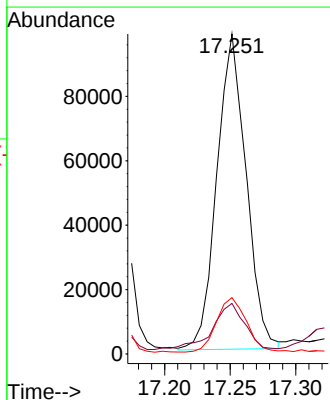
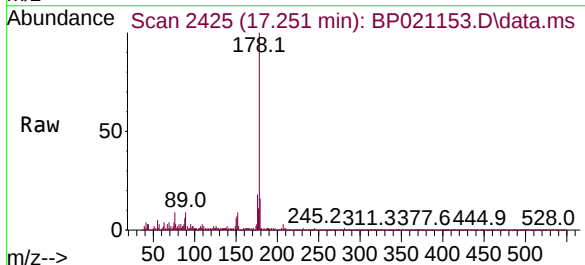
RT: 17.251 min Scan# 2425

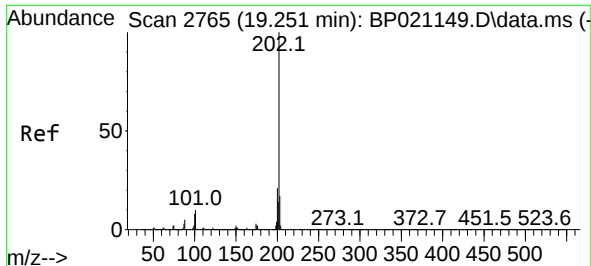
Delta R.T. 0.012 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

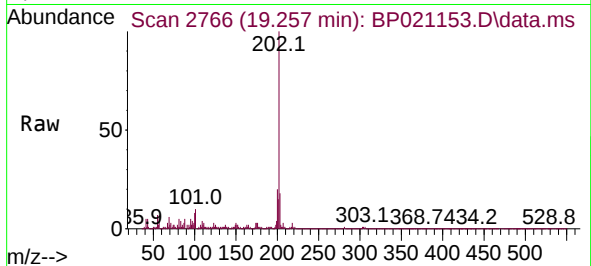
Tgt Ion:	178	Resp:	151781
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.5	18.7
176	17.6	14.8	22.2





#80
Fluoranthene
Concen: 13.351 ng/ul
RT: 19.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

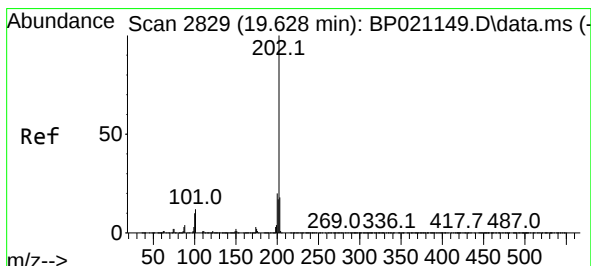
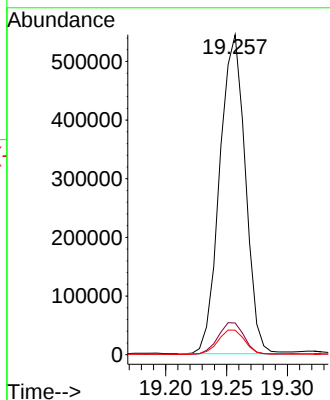
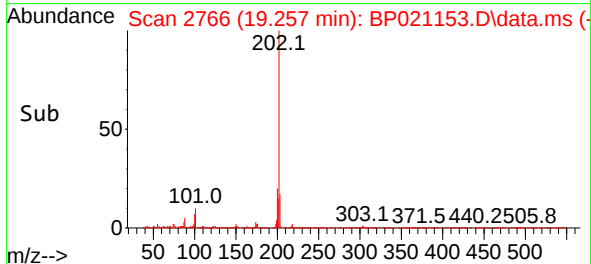
Instrument :
BNA_P
ClientSampleId :
A4CK5



Tgt Ion:202 Resp: 796230
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.7 6.1 9.1

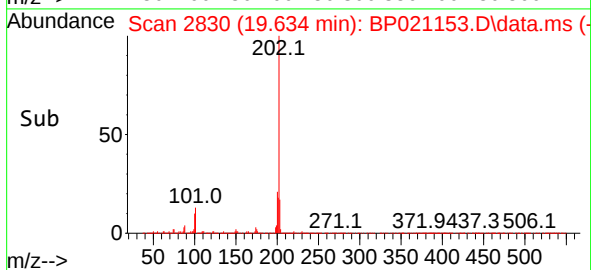
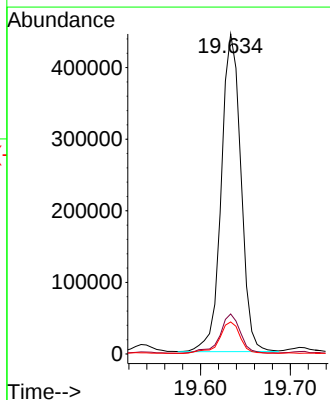
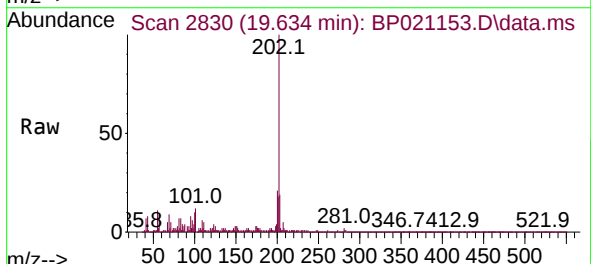
Manual Integrations
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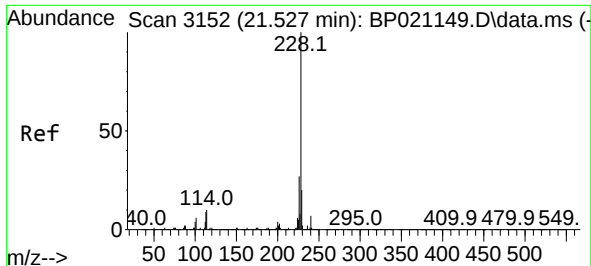
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#82
Pyrene
Concen: 11.142 ng/ul
RT: 19.634 min Scan# 2830
Delta R.T. 0.018 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Tgt Ion:202 Resp: 676187
Ion Ratio Lower Upper
202 100
101 12.5 9.4 14.2
100 10.0 7.8 11.6





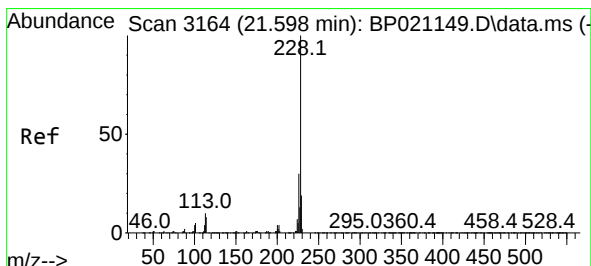
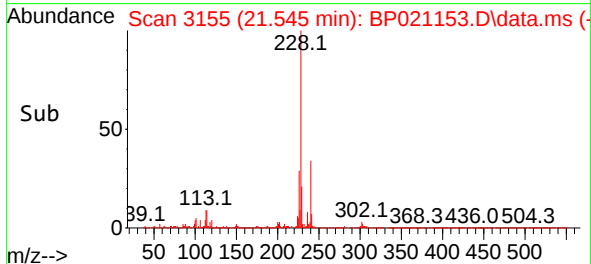
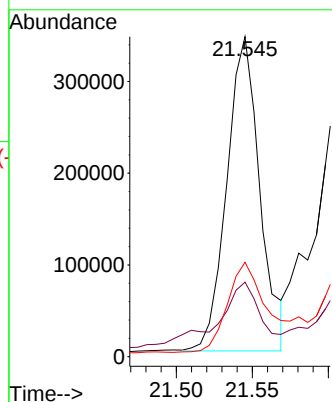
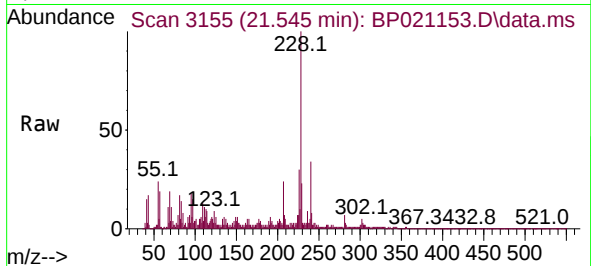
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Benzo(a)anthracene
Concen: 9.271 ng/ul m
RT: 21.545 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Instrument :
BNA_P
ClientSampleId :
A4CK5

Tgt Ion:228 Resp: 518762
Ion Ratio Lower Upper
228 100
229 23.3 15.5 23.3
226 29.5 21.4 32.2

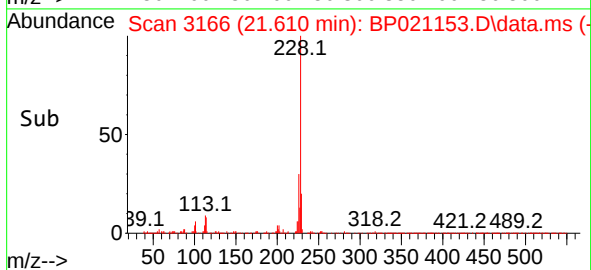
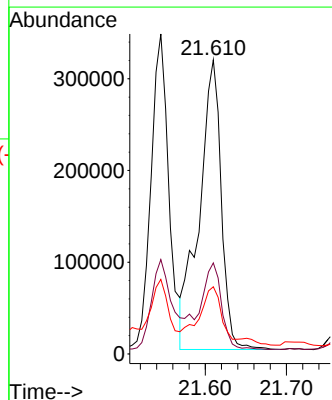
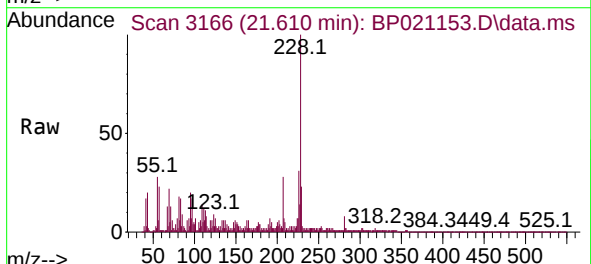
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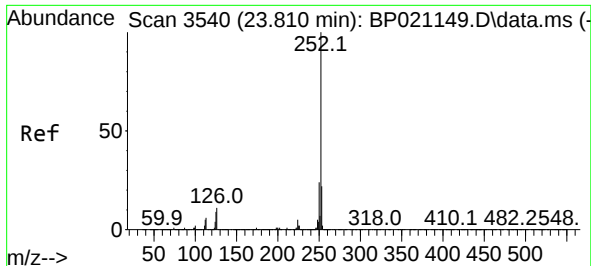
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#87
Chrysene
Concen: 11.483 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

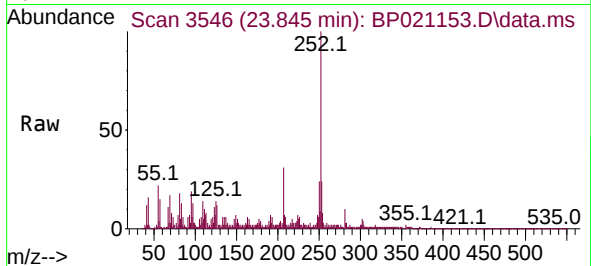
Tgt Ion:228 Resp: 597028
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 14.097 ng/ul
RT: 23.845 min Scan# 3546
Delta R.T. 0.024 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

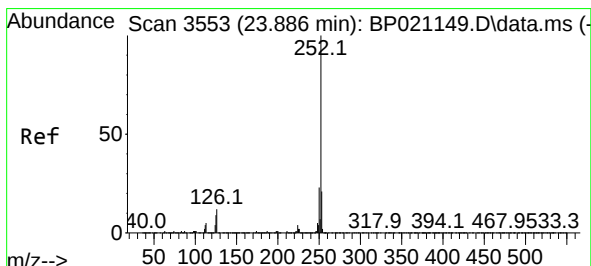
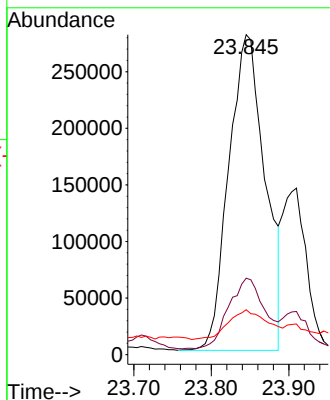
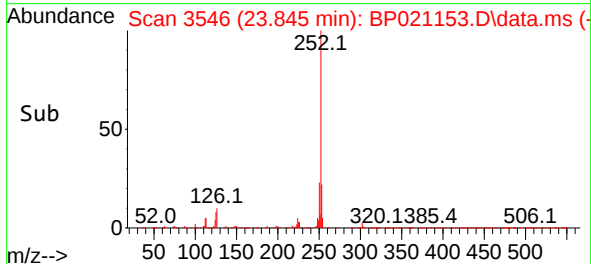
Instrument :
BNA_P
ClientSampleId :
A4CK5



Tgt Ion:252 Resp: 90766
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 14.1 7.0 10.4

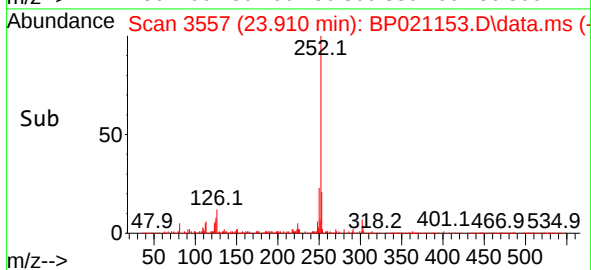
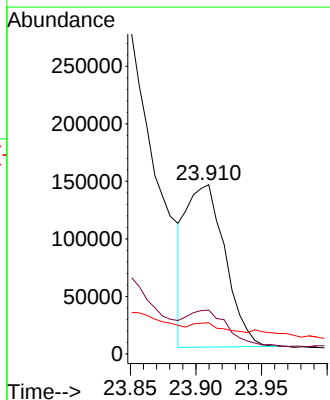
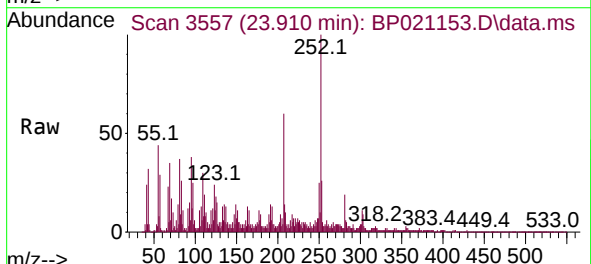
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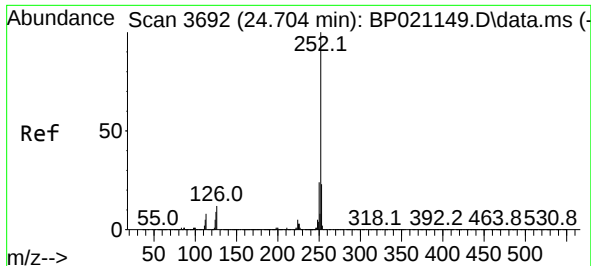
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#91
Benzo(k)fluoranthene
Concen: 4.547 ng/ul
RT: 23.910 min Scan# 3557
Delta R.T. 0.024 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

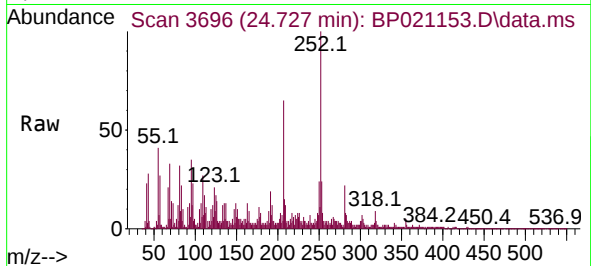
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Ion Ratio Lower Upper
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253 25.9 17.4 26.2
125 18.5 7.4 11.0





#93
Benzo(a)pyrene
Concen: 5.812 ng/ul
RT: 24.727 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

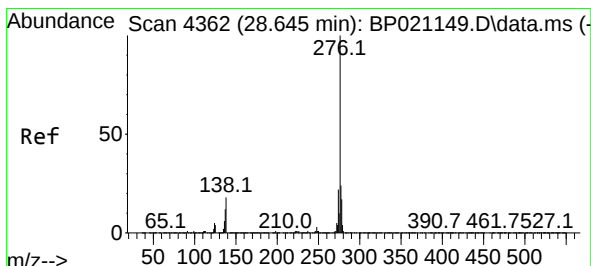
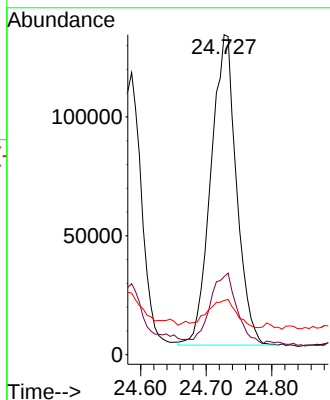
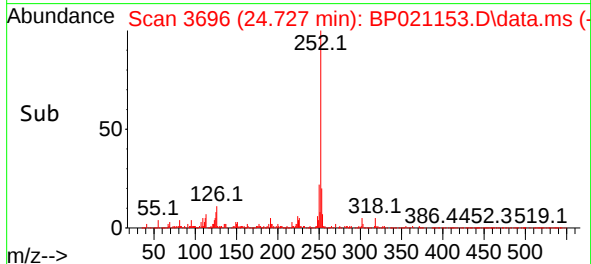
Instrument :
BNA_P
ClientSampleId :
A4CK5



Tgt Ion:252 Resp: 353640
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 16.9 7.7 11.5

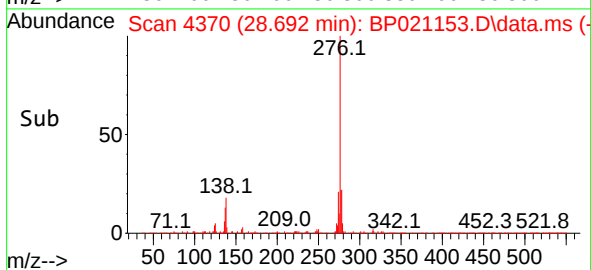
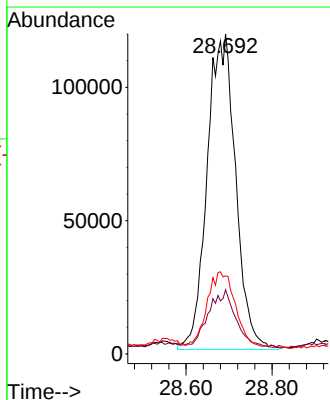
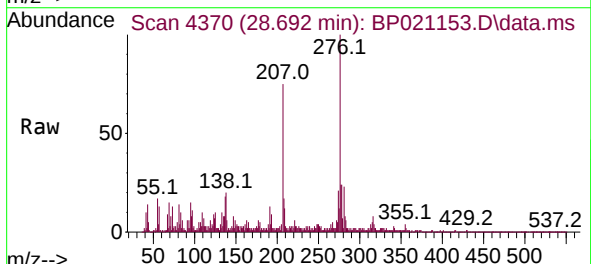
Manual Integrations
APPROVED

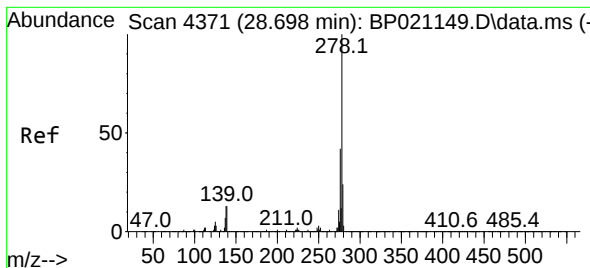
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.951 ng/ul m
RT: 28.692 min Scan# 4370
Delta R.T. 0.053 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Tgt Ion:276 Resp: 544969
Ion Ratio Lower Upper
276 100
138 20.1 14.3 21.5
277 24.4 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 2.726 ng/ul m

RT: 28.715 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5

Tgt Ion:278 Resp: 177010

Ion Ratio Lower Upper

278 100

139 19.8 10.9 16.3

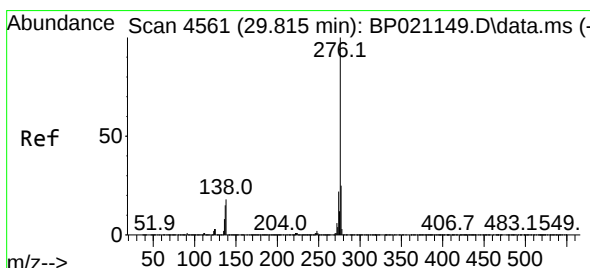
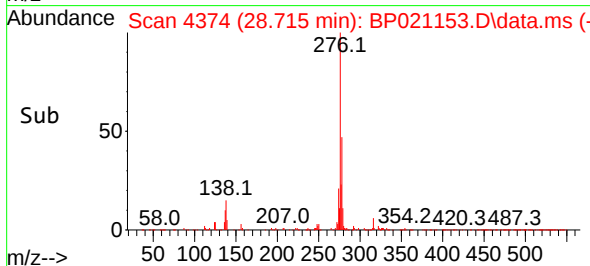
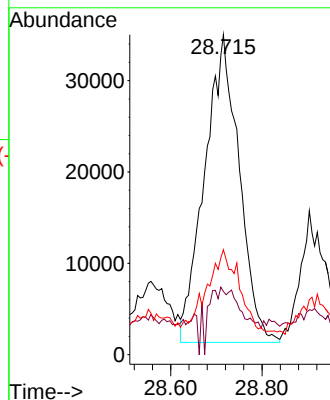
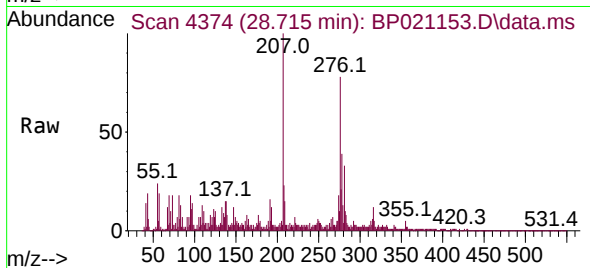
279 32.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024

Supervised By :mohammad ahmed 07/27/2024



#96

Benzo(g,h,i)perylene

Concen: 1.269 ng/ul m

RT: 29.868 min Scan# 4570

Delta R.T. 0.059 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Tgt Ion:276 Resp: 81036

Ion Ratio Lower Upper

276 100

138 26.0 15.3 22.9#

277 32.5 18.2 27.2#

