

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021069.D
 Acq On : 19 Jul 2024 07:52
 Operator : MA/JU
 Sample : P3215-06DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C09DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 08:22:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	210832	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	842764	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	557484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1253250	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1236013	20.000	ng/u1	-0.02
88) Perylene-d12	24.874	264	1465895	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3692m	0.797	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.905	99	77793	4.526	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	49217	4.725	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	68325	4.825	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	37987	2.661	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	32493	4.964	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	36470	4.868	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	62639m	4.624	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	23983m	1.336	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	209282	5.164	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	239029	5.253	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	23603m	4.093	ng/u1	0.01
60) Fluorene-d10	15.322	176	192083	5.777	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	14771	1.948	ng/u1	0.00
73) Anthracene-d10	17.222	188	298501	5.363	ng/u1	0.00
81) Pyrene-d10	19.616	212	284654	3.725	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	192329	2.660	ng/u1	-0.04
Target Compounds						
					Qvalue	
30) Naphthalene	10.499	128	78795	1.777	ng/u1	97
52) Acenaphthene	14.369	153	94799	2.772	ng/u1	98
56) Dibenzofuran	14.716	168	86810	1.854	ng/u1	98
61) Fluorene	15.387	166	92442	2.419	ng/u1	99
72) Phenanthrene	17.169	178	1811395	27.862	ng/u1	100
74) Anthracene	17.257	178	300749	4.538	ng/u1	97
77) Carbazole	17.563	167	150535	2.778	ng/u1	99
80) Fluoranthene	19.263	202	2707718	29.341	ng/u1	100
82) Pyrene	19.645	202	1574919	16.771	ng/u1	100
85) Benzo(a)anthracene	21.545	228	1215049	14.033	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.463	149	89444	1.589	ng/u1#	99
87) Chrysene	21.610	228	1197939	14.890	ng/u1	98
90) Benzo(b)fluoranthene	23.827	252	1538651m	17.296	ng/u1	
91) Benzo(k)fluoranthene	23.898	252	610321m	6.875	ng/u1	
93) Benzo(a)pyrene	24.733	252	437092	5.200	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.657	276	457676	4.225	ng/u1	98
95) Dibenzo(a,h)anthracene	28.686	278	202857	2.261	ng/u1#	85

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

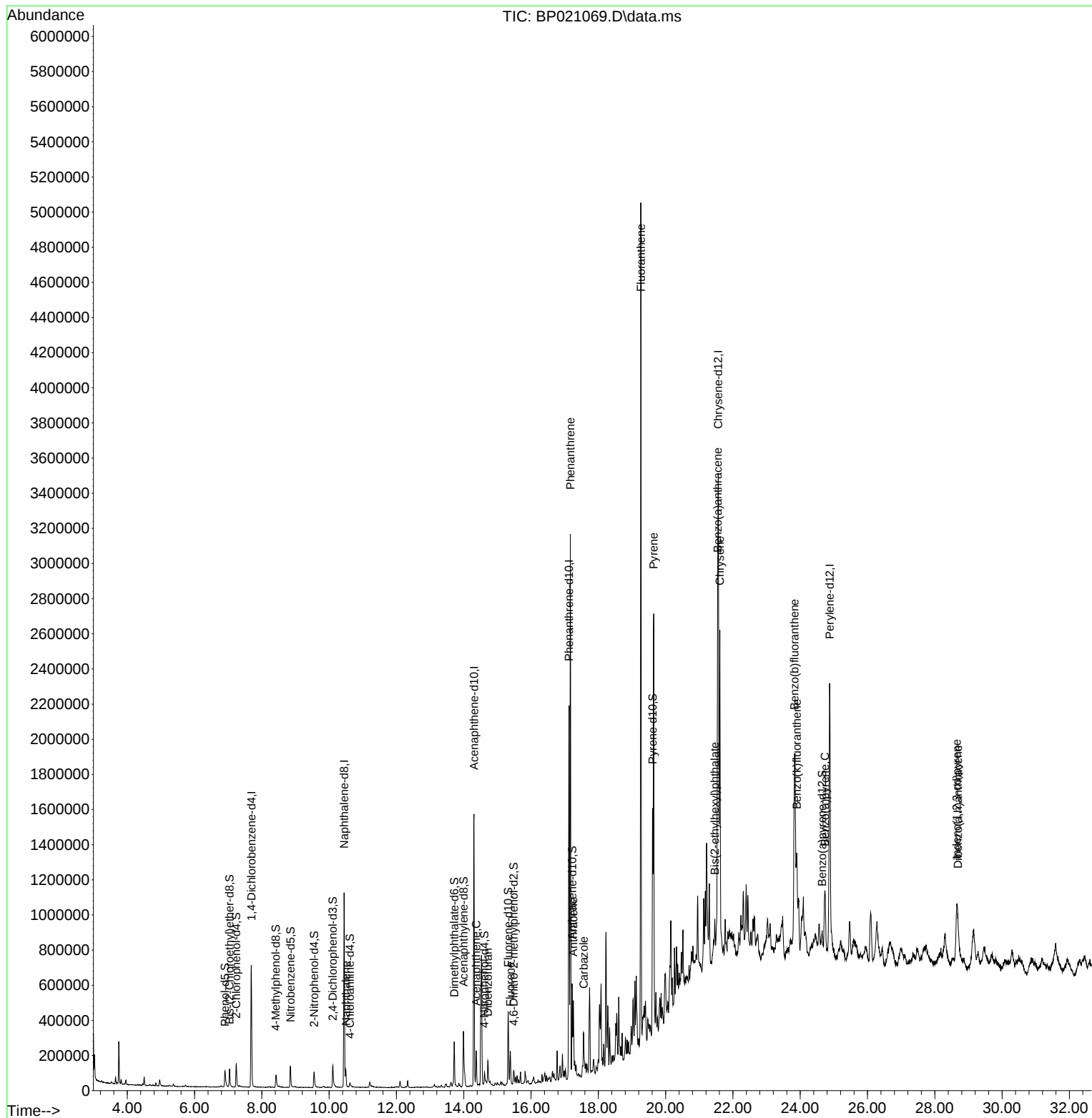
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021069.D
Acq On : 19 Jul 2024 07:52
Operator : MA/JU
Sample : P3215-06DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

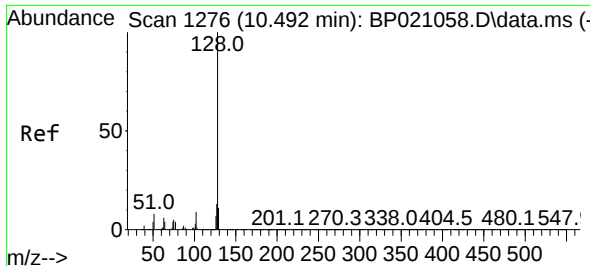
Instrument :
BNA_P
ClientSampleId :
A4C09DL

Quant Time: Jul 19 08:22:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

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Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024





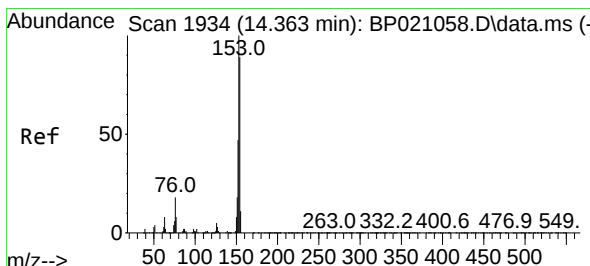
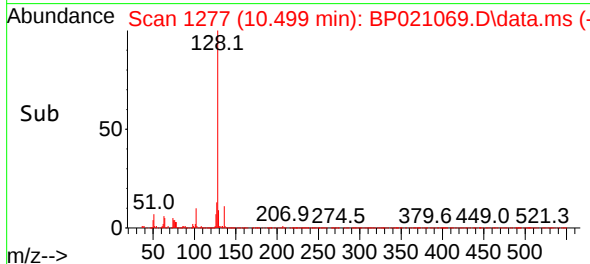
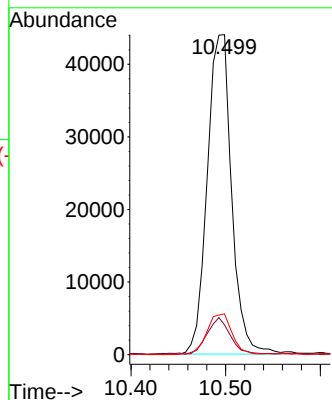
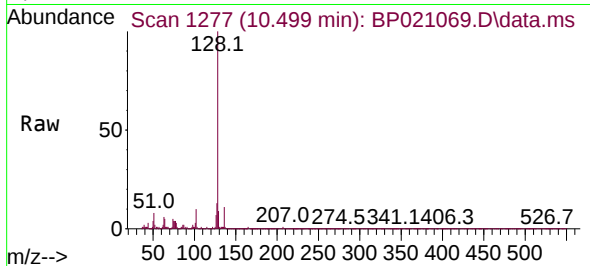
#30
Naphthalene
Concen: 1.777 ng/ul
RT: 10.499 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

Instrument :
BNA_P
ClientSampleId :
A4C09DL

Tgt Ion:128 Resp: 78799
Ion Ratio Lower Upper
128 100
129 9.3 8.6 13.0
127 12.7 10.8 16.2

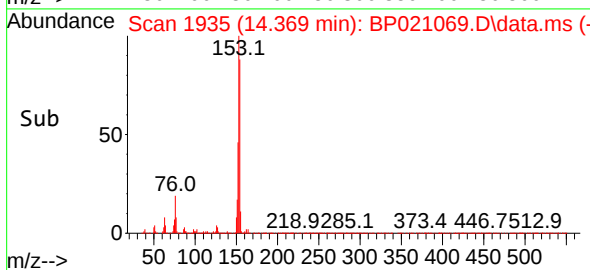
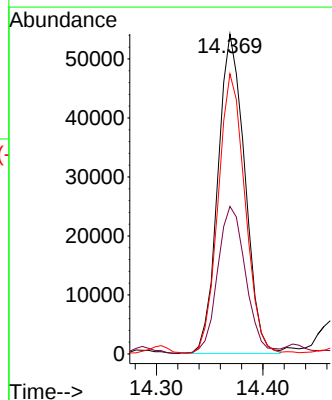
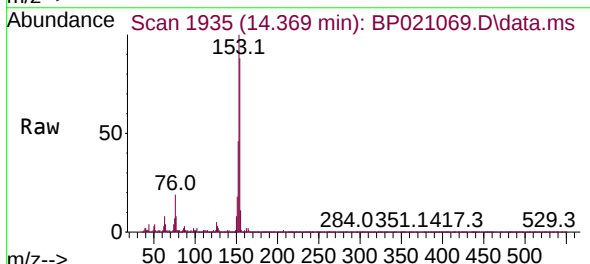
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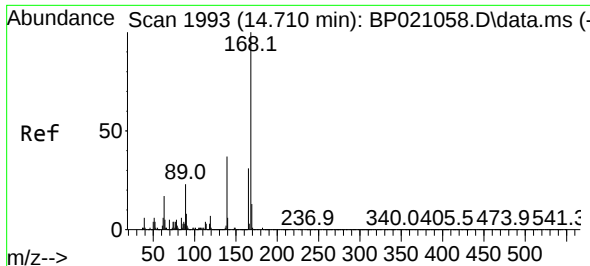
Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#52
Acenaphthene
Concen: 2.772 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

Tgt Ion:153 Resp: 94799
Ion Ratio Lower Upper
153 100
152 46.1 37.8 56.6
154 87.6 71.8 107.6





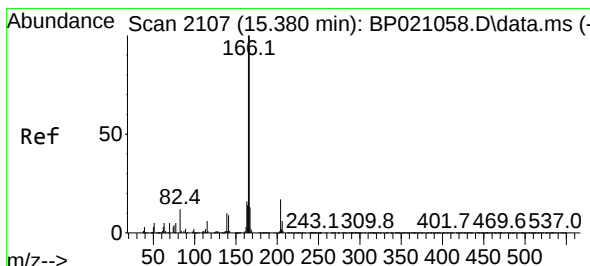
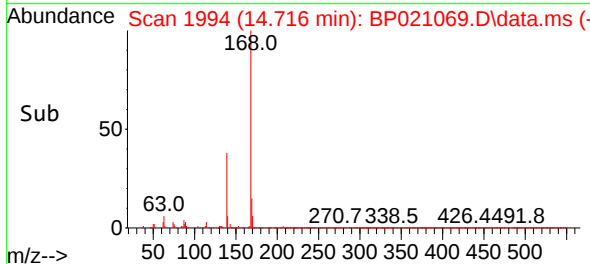
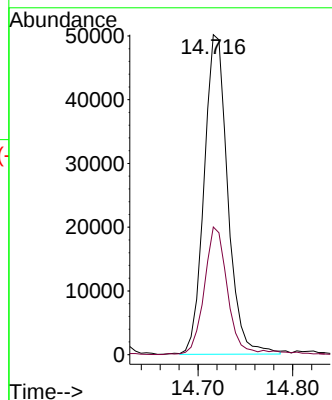
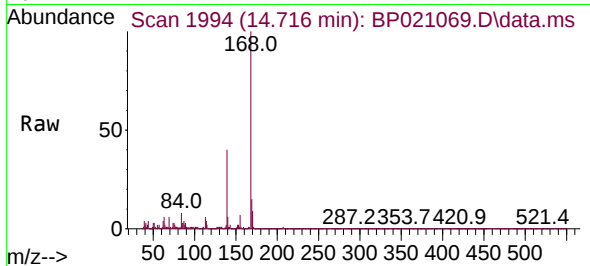
#56
Dibenzenofuran
Concen: 1.854 ng/ul
RT: 14.716 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

Instrument :
BNA_P
ClientSampleId :
A4C09DL

Tgt Ion:168 Resp: 86810
Ion Ratio Lower Upper
168 100
139 39.9 31.1 46.7

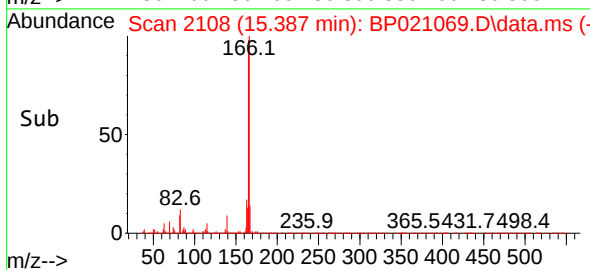
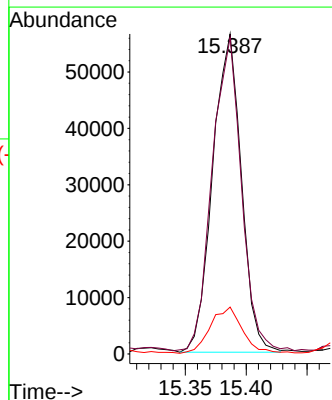
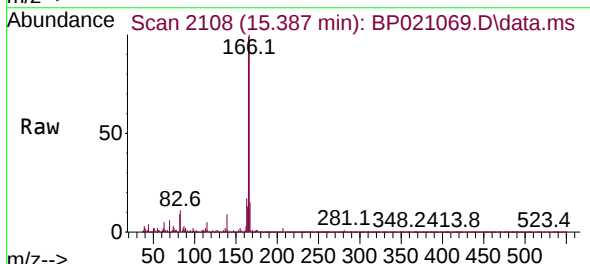
Manual Integrations
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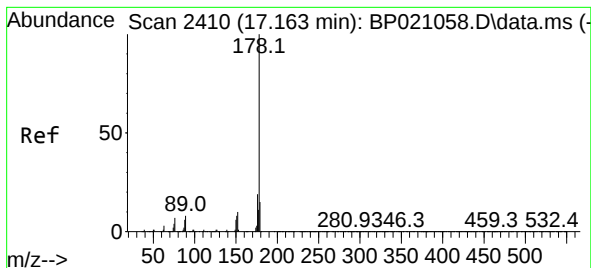
Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#61
Fluorene
Concen: 2.419 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

Tgt Ion:166 Resp: 92442
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 14.7 10.9 16.3





#72

Phenanthrene

Concen: 27.862 ng/u1

RT: 17.169 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

Instrument :

BNA_P

ClientSampleId :

A4C09DL

Tgt Ion:178 Resp: 181139

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

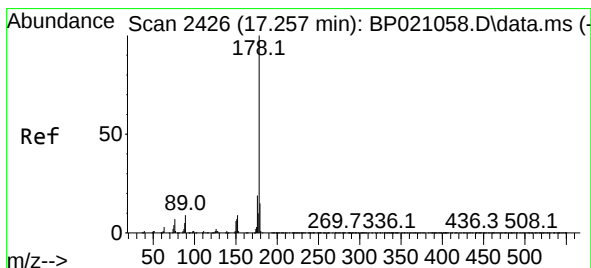
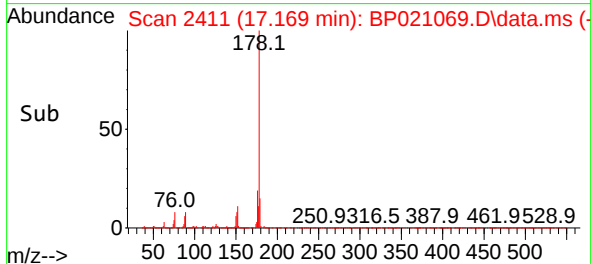
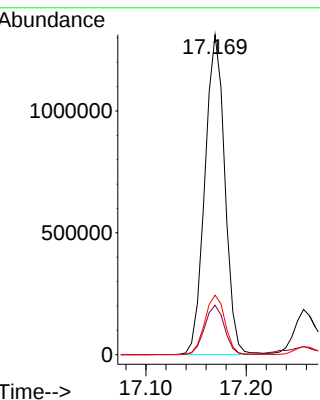
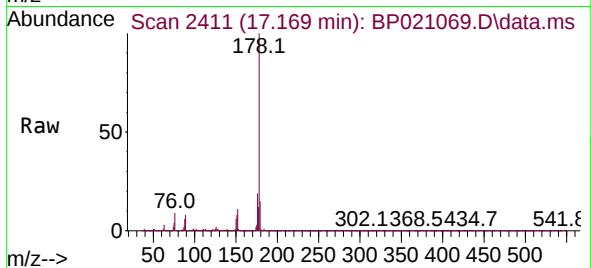
176 18.6 15.0 22.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#74

Anthracene

Concen: 4.538 ng/u1

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

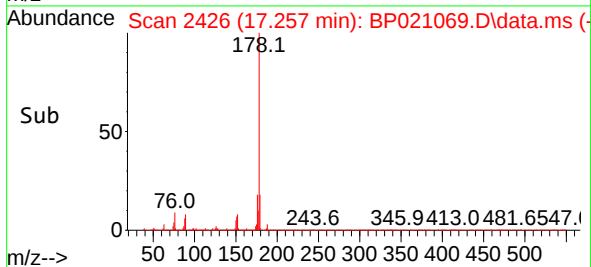
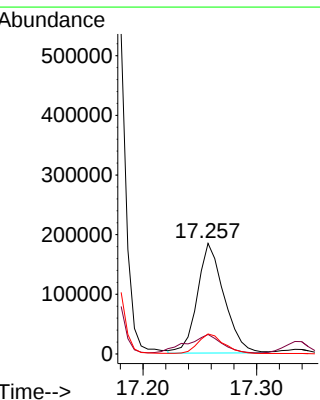
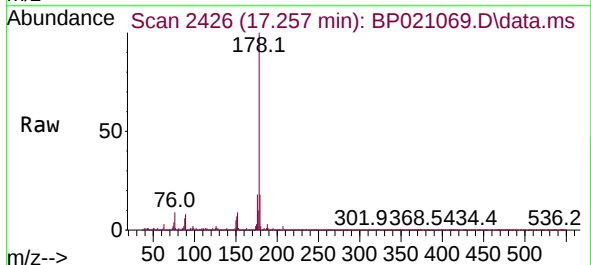
Tgt Ion:178 Resp: 300749

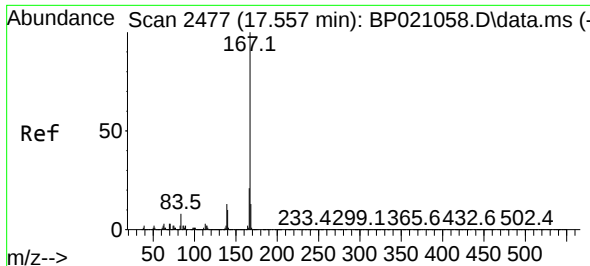
Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

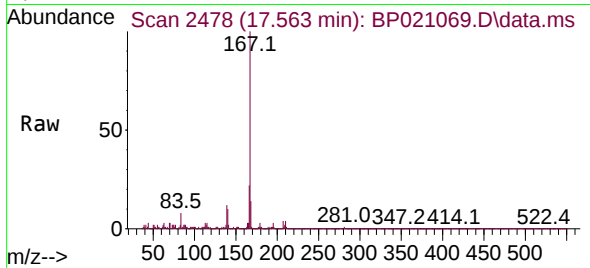
176 18.1 14.8 22.2





#77
 Carbazole
 Concen: 2.778 ng/ul
 RT: 17.563 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BP021069.D
 Acq: 19 Jul 2024 07:52

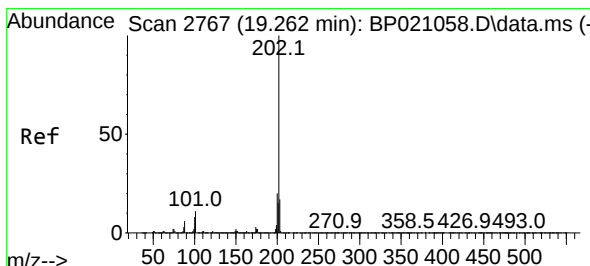
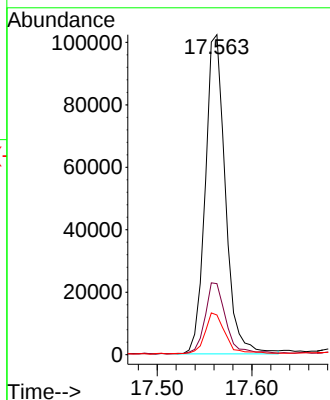
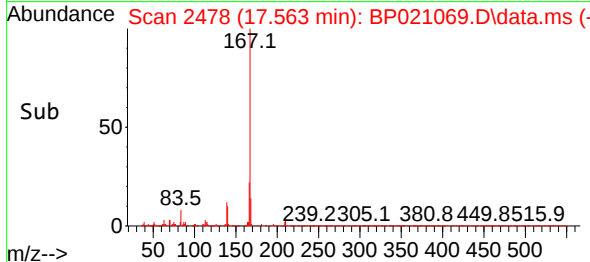
Instrument :
 BNA_P
 ClientSampleId :
 A4C09DL



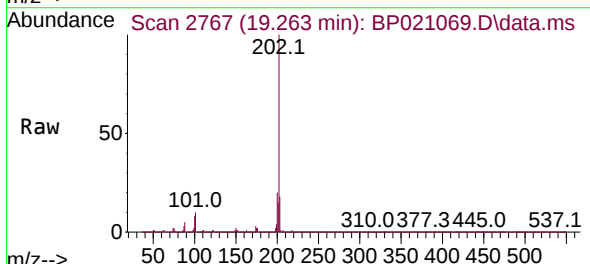
Tgt Ion:167 Resp: 150538
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 12.4 10.2 15.2

Manual Integrations
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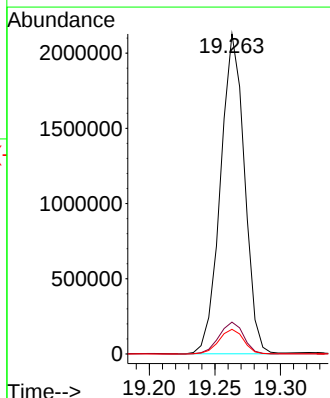
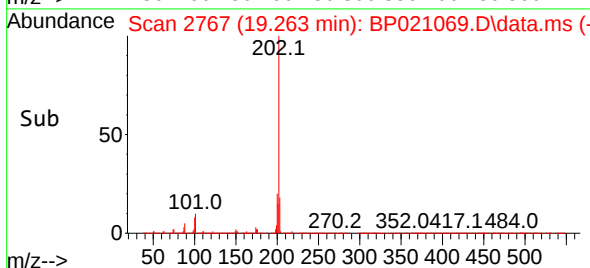
Reviewed By :Jagrut Upadhyay 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

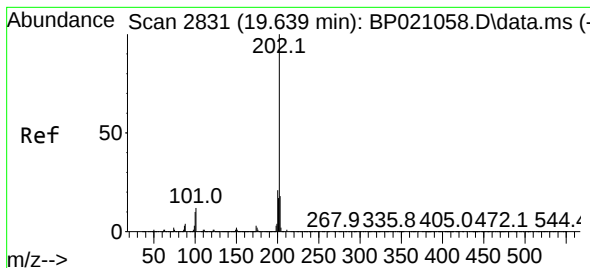


#80
 Fluoranthene
 Concen: 29.341 ng/ul
 RT: 19.263 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: BP021069.D
 Acq: 19 Jul 2024 07:52



Tgt Ion:202 Resp: 2707718
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.0 12.0
 100 7.7 6.1 9.1





#82

Pyrene

Concen: 16.771 ng/ul

RT: 19.645 min Scan# 2831

Delta R.T. 0.000 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

Instrument :

BNA_P

ClientSampleId :

A4C09DL

Tgt Ion:202 Resp: 1574919

Ion Ratio Lower Upper

202 100

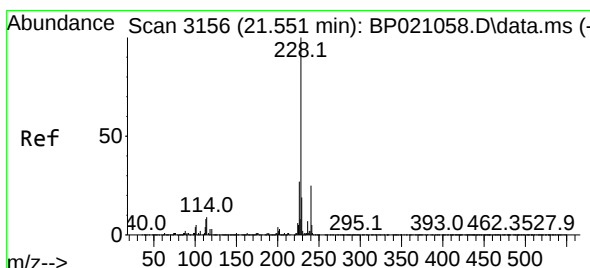
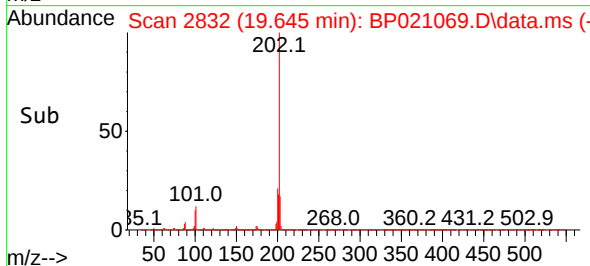
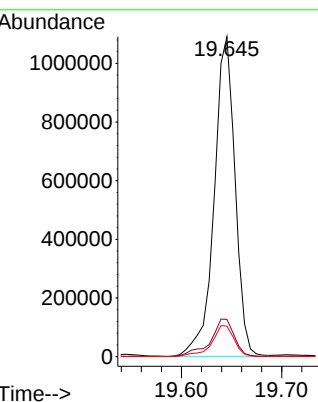
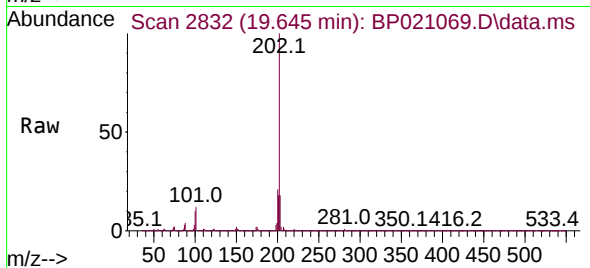
101 11.6 9.4 14.2

100 9.6 7.8 11.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#85

Benzo(a)anthracene

Concen: 14.033 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. -0.017 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

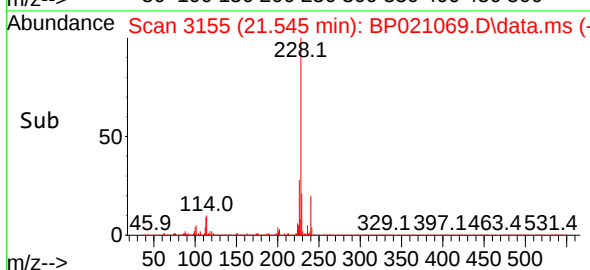
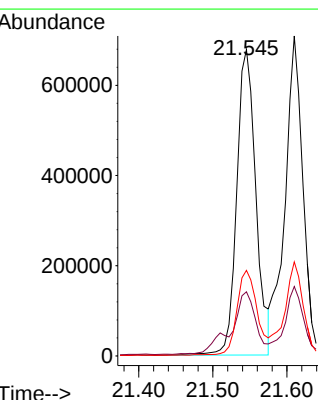
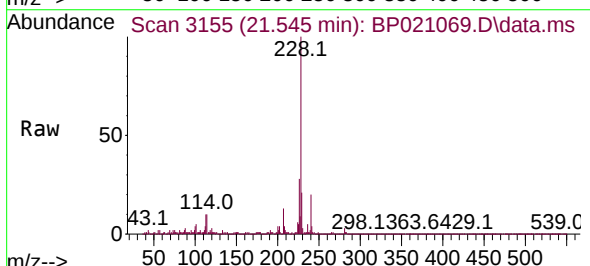
Tgt Ion:228 Resp: 1215049

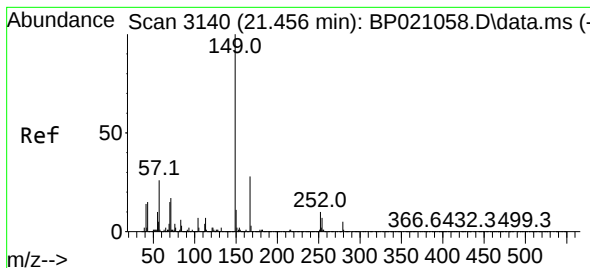
Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

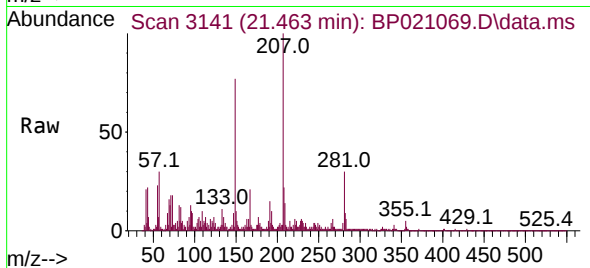
226 27.9 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.589 ng/ul
RT: 21.463 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

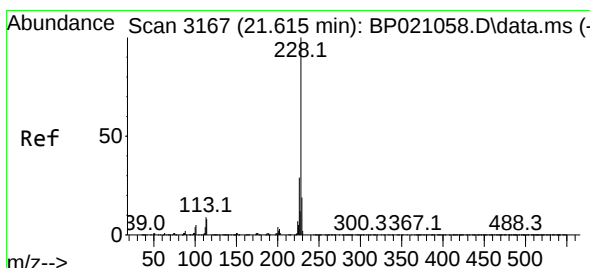
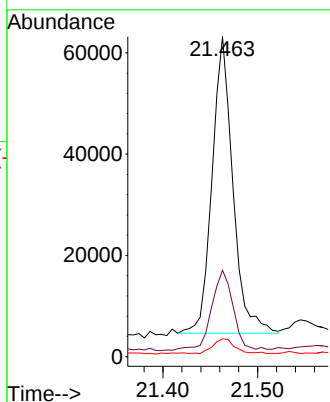
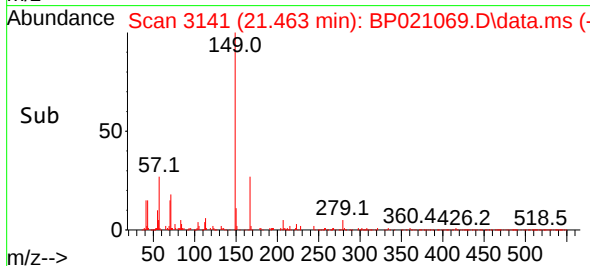
Instrument :
BNA_P
ClientSampleId :
A4C09DL



Tgt Ion:149 Resp: 8944
Ion Ratio Lower Upper
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167 27.0 22.1 33.1
279 5.5 3.7 5.5

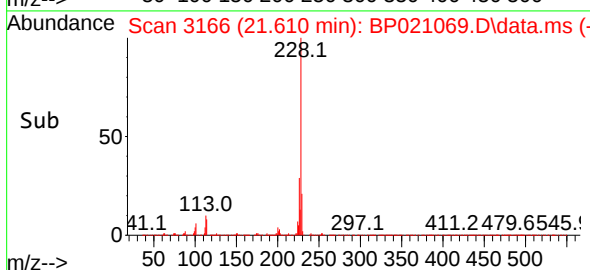
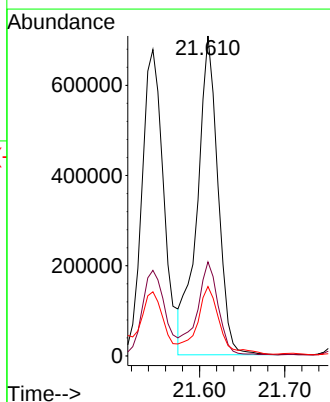
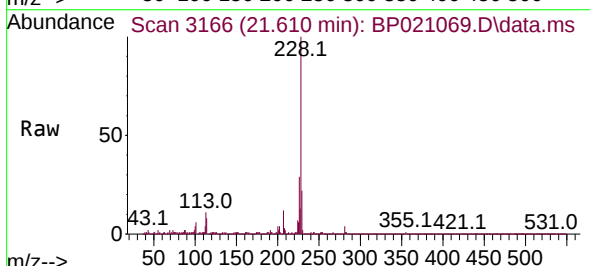
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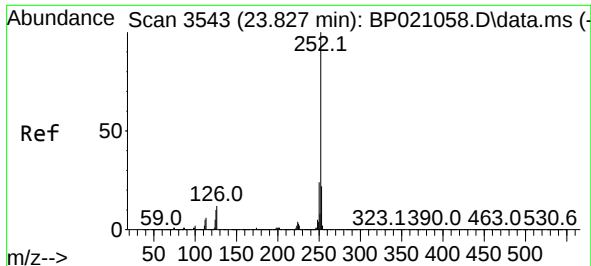
Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#87
Chrysene
Concen: 14.890 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. -0.017 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

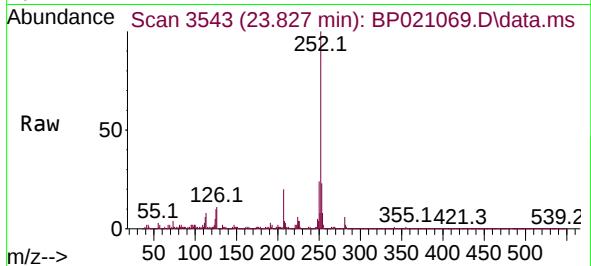
Tgt Ion:228 Resp: 1197939
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 17.296 ng/ul m
RT: 23.827 min Scan# 3543
Delta R.T. -0.023 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

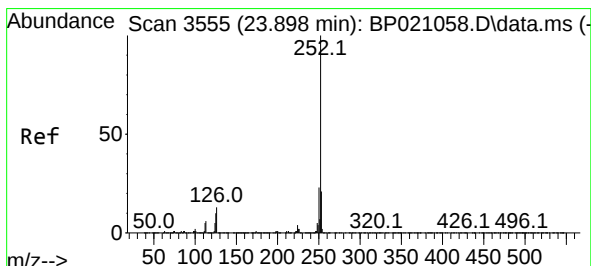
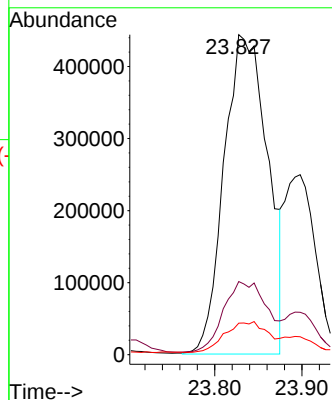
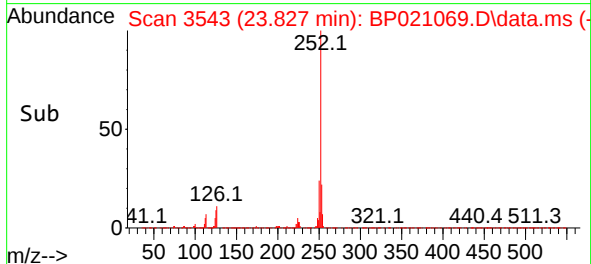
Instrument :
BNA_P
ClientSampleId :
A4C09DL



Tgt Ion:252 Resp: 153865
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 9.9 7.0 10.4

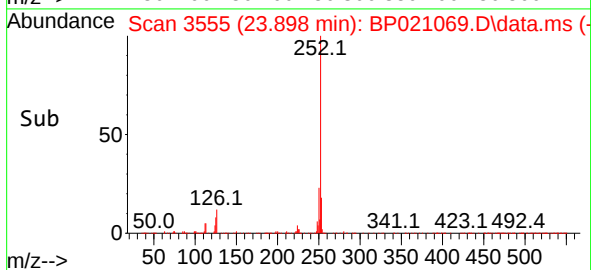
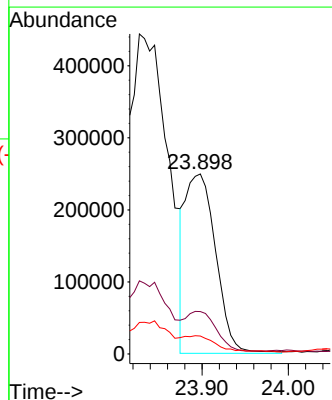
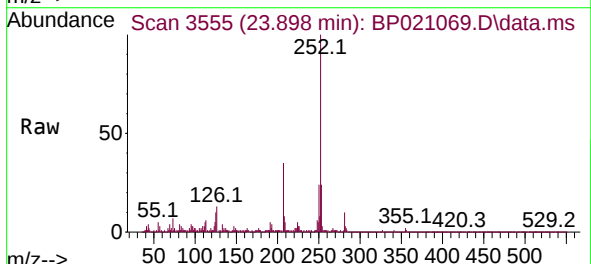
Manual Integrations
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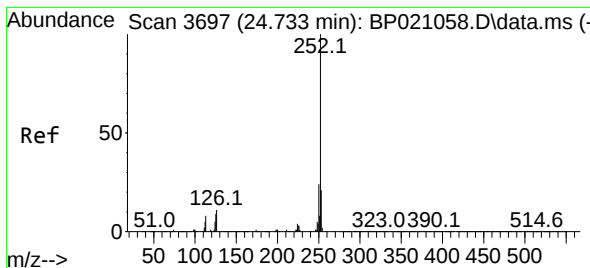
Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#91
Benzo(k)fluoranthene
Concen: 6.875 ng/ul m
RT: 23.898 min Scan# 3555
Delta R.T. -0.023 min
Lab File: BP021069.D
Acq: 19 Jul 2024 07:52

Tgt Ion:252 Resp: 610321
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.0 7.4 11.0





#93

Benzo(a)pyrene

Concen: 5.200 ng/ul

RT: 24.733 min Scan# 3697

Delta R.T. -0.029 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

Instrument :

BNA_P

ClientSampleId :

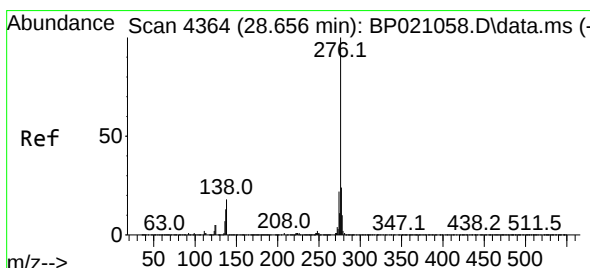
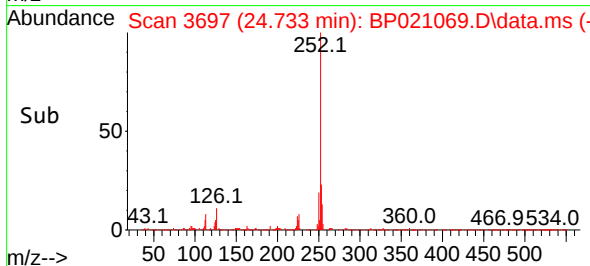
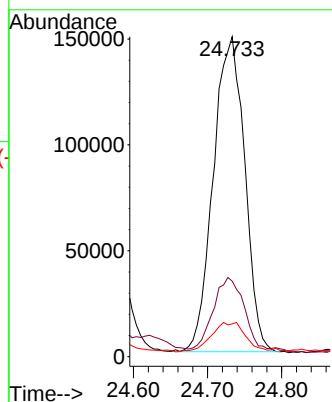
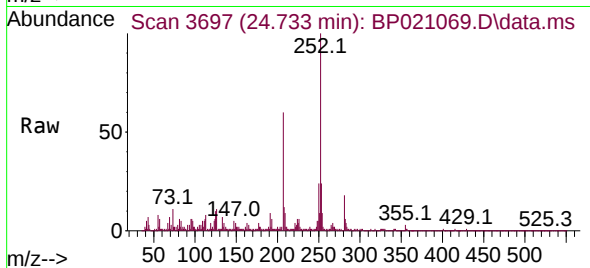
A4C09DL

Tgt Ion:	252	Resp:	437092
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	10.3	7.7	11.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.225 ng/ul

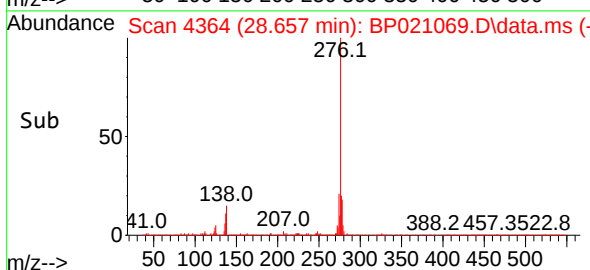
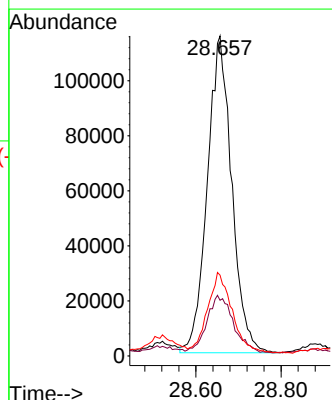
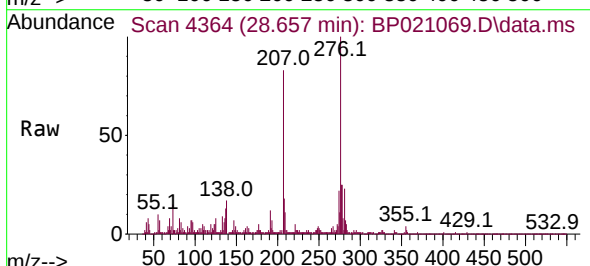
RT: 28.657 min Scan# 4364

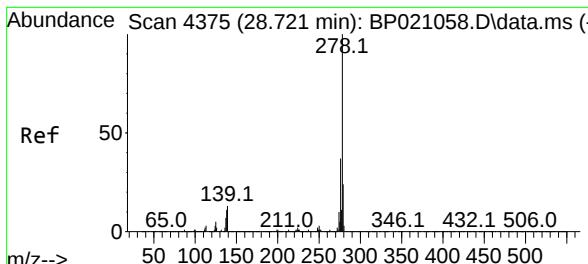
Delta R.T. -0.047 min

Lab File: BP021069.D

Acq: 19 Jul 2024 07:52

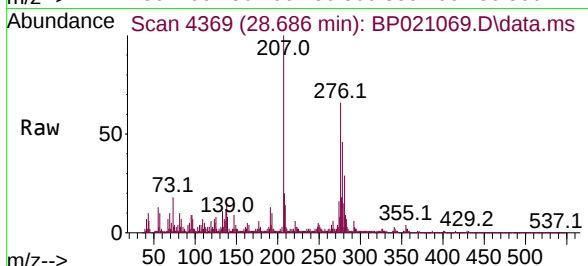
Tgt Ion:	276	Resp:	457676
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.3	21.5
277	25.3	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.261 ng/ul
 RT: 28.686 min Scan# 41
 Delta R.T. -0.053 min
 Lab File: BP021069.D
 Acq: 19 Jul 2024 07:52

Instrument :
 BNA_P
 ClientSampleId :
 A4C09DL



Tgt Ion:278 Resp: 20285
 Ion Ratio Lower Upper
 278 100
 139 17.6 10.9 16.3
 279 32.9 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

