

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021238.D
 Acq On : 30 Jul 2024 17:03
 Operator : MA/JU
 Sample : P3263-04ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BA6ME

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Jul 30 23:18:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	133601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	509382	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.275	164	320648	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	661879m	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	697820m	20.000	ng/u1	0.01
88) Perylene-d12	24.857	264	911969	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	8034	2.736	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.858	99	153882	14.128	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	91736	13.898	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	138491	15.432	ng/u1	0.01
15) 4-Methylphenol-d8	8.375	113	130588	14.435	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	62413	15.775	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	71570	15.805	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	129238	15.783	ng/u1	0.03
31) 4-Chloroaniline-d4	10.575	131	152509	14.059	ng/u1	0.02
46) Dimethylphthalate-d6	13.687	166	416954	17.888	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	462478	17.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	41236m	12.434	ng/u1	0.04
60) Fluorene-d10	15.292	176	352865	18.453	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	46848m	11.698	ng/u1	0.01
73) Anthracene-d10	17.198	188	556810	18.941	ng/u1	0.00
81) Pyrene-d10	19.586	212	587721	13.623	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.621	264	575132	12.787	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	30309	2.171	ng/u1	94
30) Naphthalene	10.457	128	33067	1.234	ng/u1	97
52) Acenaphthene	14.345	153	47520	2.416	ng/u1	96
56) Dibenzofuran	14.698	168	29325	1.089	ng/u1	99
61) Fluorene	15.351	166	29852	1.358	ng/u1	93
72) Phenanthrene	17.139	178	547996	15.960	ng/u1	99
74) Anthracene	17.239	178	68683m	1.962	ng/u1	
77) Carbazole	17.545	167	32886m	1.149	ng/u1	
80) Fluoranthene	19.245	202	657061	12.611	ng/u1	97
82) Pyrene	19.622	202	459199	8.661	ng/u1	96
85) Benzo(a)anthracene	21.521	228	250292m	5.120	ng/u1	
87) Chrysene	21.592	228	244291	5.378	ng/u1	97
90) Benzo(b)fluoranthene	23.810	252	349770	6.320	ng/u1	97
91) Benzo(k)fluoranthene	23.868	252	119046	2.155	ng/u1	98
93) Benzo(a)pyrene	24.692	252	122464	2.342	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.633	276	114537m	1.700	ng/u1	

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

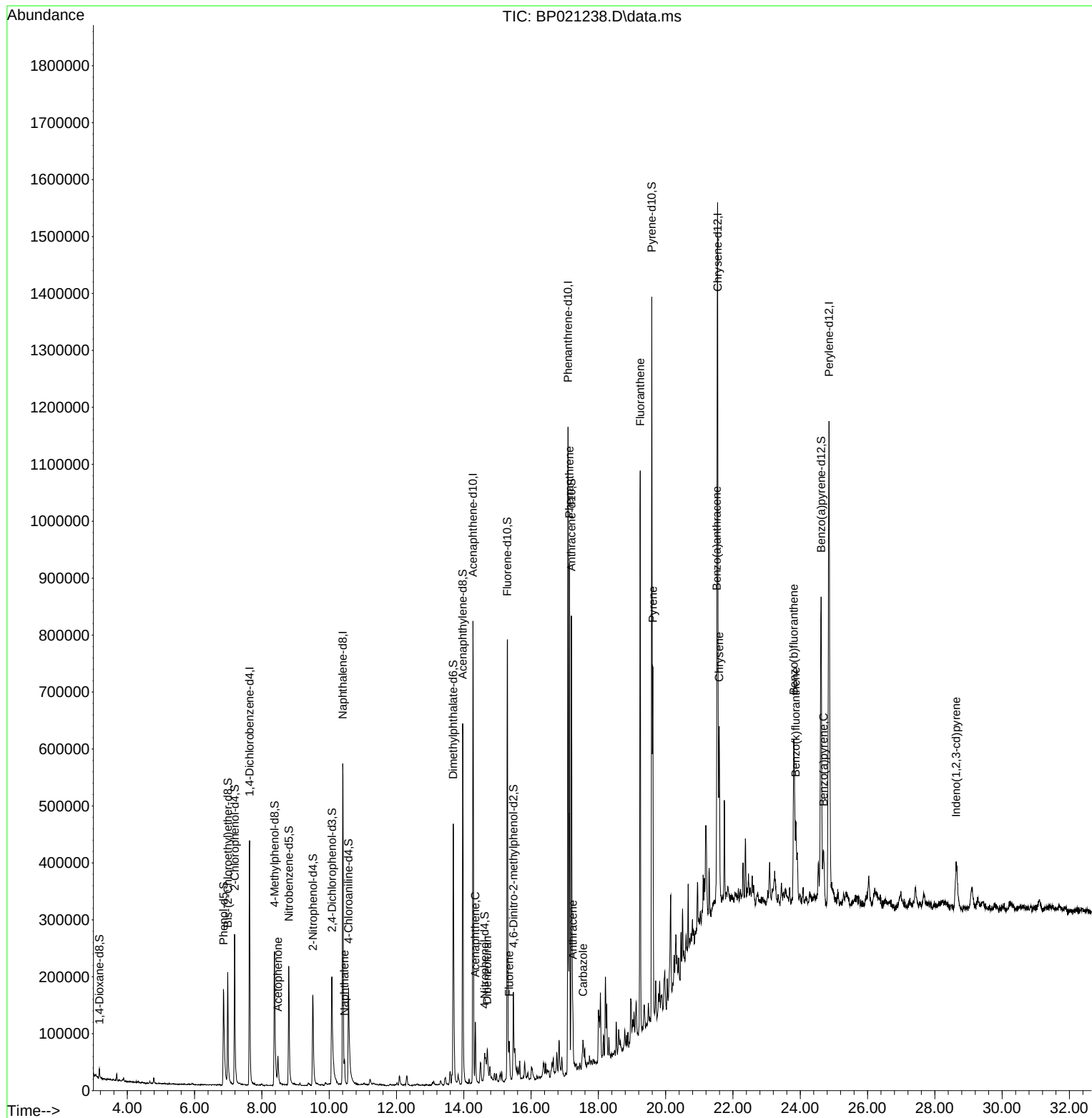
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021238.D
Acq On : 30 Jul 2024 17:03
Operator : MA/JU
Sample : P3263-04ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

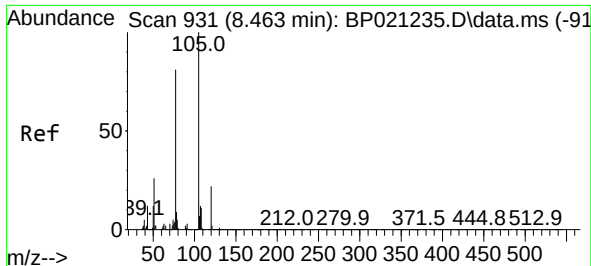
Instrument :
BNA_P
ClientSampleId :
A4BA6ME

Quant Time: Jul 30 23:18:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

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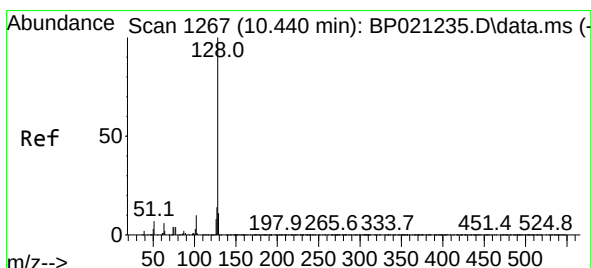
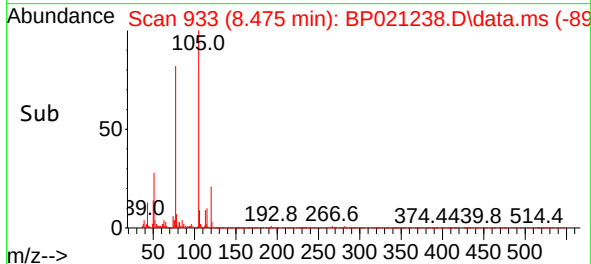
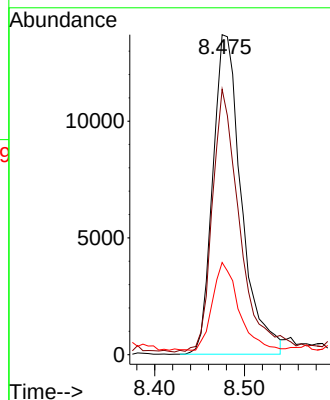
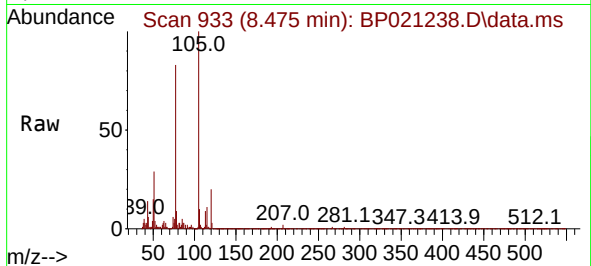
#16
Acetophenone
Concen: 2.171 ng/ul
RT: 8.475 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

Instrument :
BNA_P
ClientSampleId :
A4BA6ME

Tgt Ion:105 Resp: 30309
Ion Ratio Lower Upper
105 100
77 83.0 61.8 92.8
51 28.8 21.5 32.3

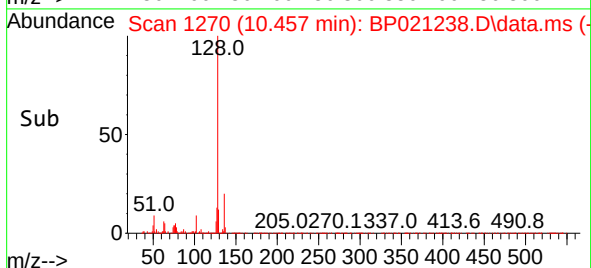
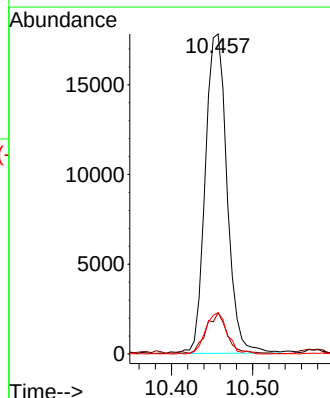
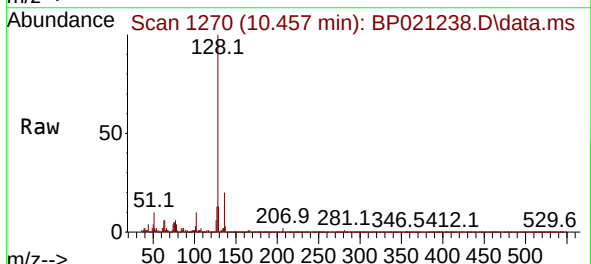
Manual Integrations
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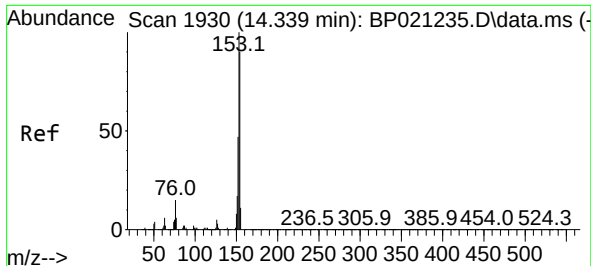
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024



#30
Naphthalene
Concen: 1.234 ng/ul
RT: 10.457 min Scan# 1270
Delta R.T. 0.018 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

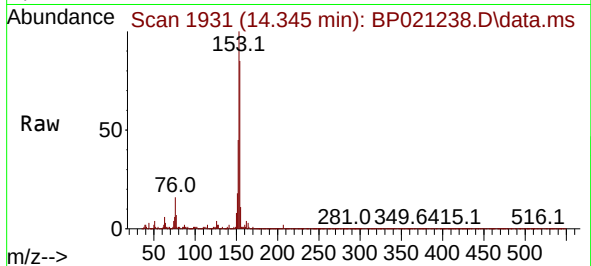
Tgt Ion:128 Resp: 33067
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 12.9 10.8 16.2





#52
Acenaphthene
Concen: 2.416 ng/u1
RT: 14.345 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

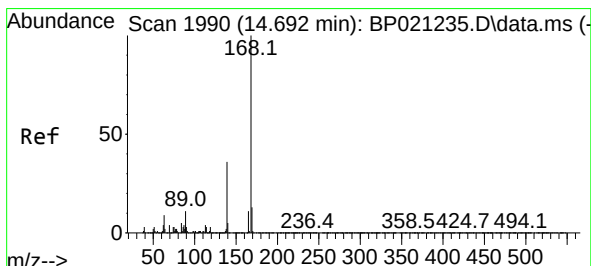
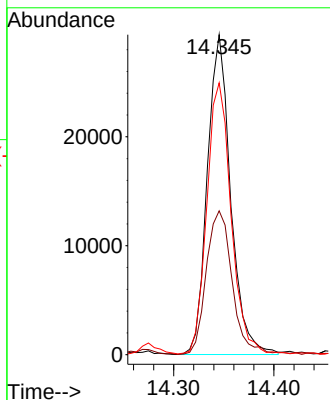
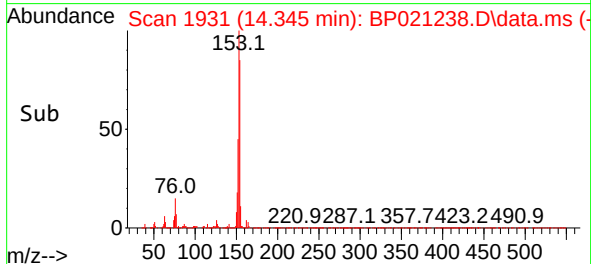
Instrument :
BNA_P
ClientSampleId :
A4BA6ME



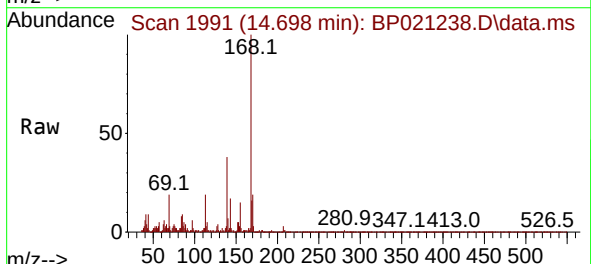
Tgt Ion:153 Resp: 47520
Ion Ratio Lower Upper
153 100
152 44.9 37.8 56.6
154 84.9 71.8 107.6

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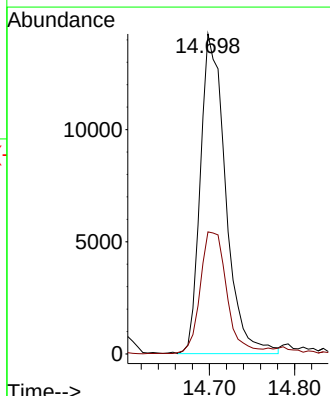
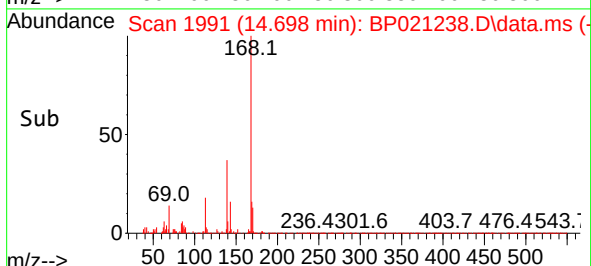
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024

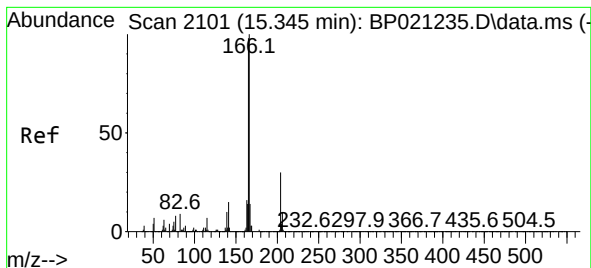


#56
Dibenzofuran
Concen: 1.089 ng/u1
RT: 14.698 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03



Tgt Ion:168 Resp: 29325
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7





#61

Fluorene

Concen: 1.358 ng/ul

RT: 15.351 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

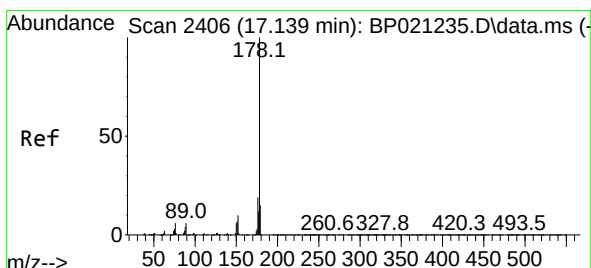
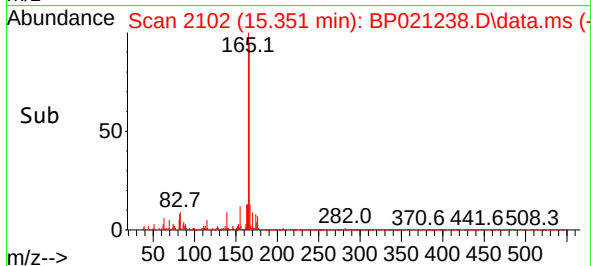
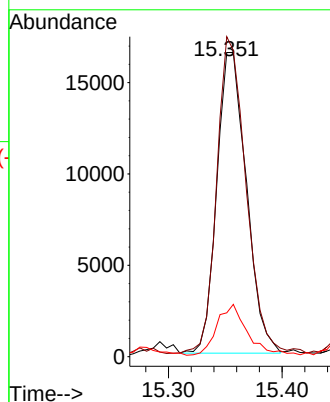
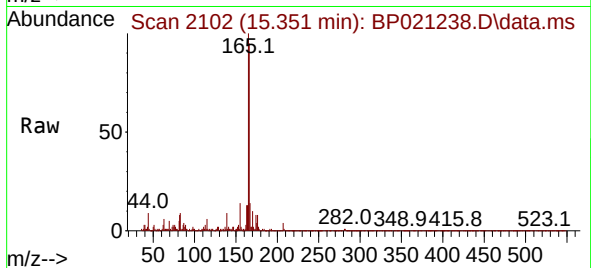
Tgt Ion:166	Resp: 2985
Ion Ratio	Lower Upper
166 100	
165 105.2	78.1 117.1
167 14.4	10.9 16.3

Manual Integrations

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Supervised By :mohammad ahmed 09/04/2024



#72

Phenanthrene

Concen: 15.960 ng/ul

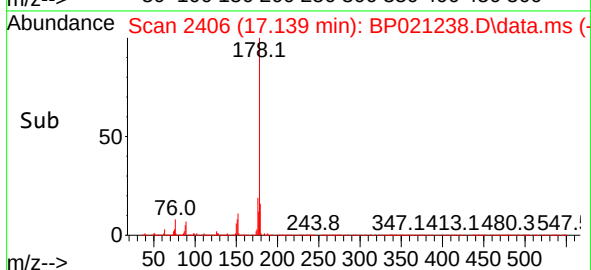
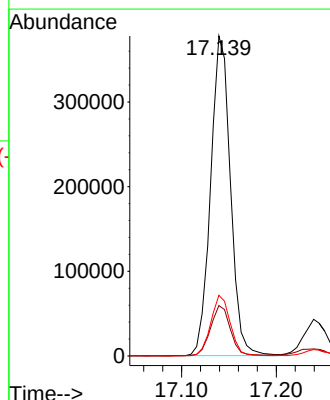
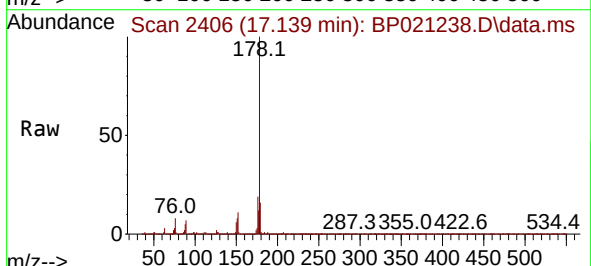
RT: 17.139 min Scan# 2406

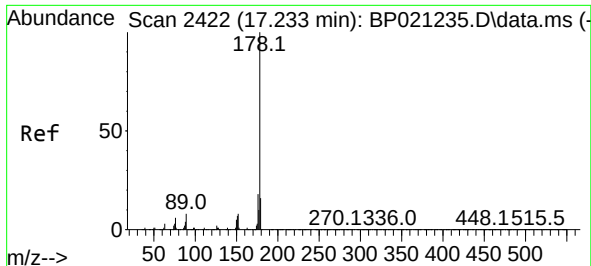
Delta R.T. 0.006 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

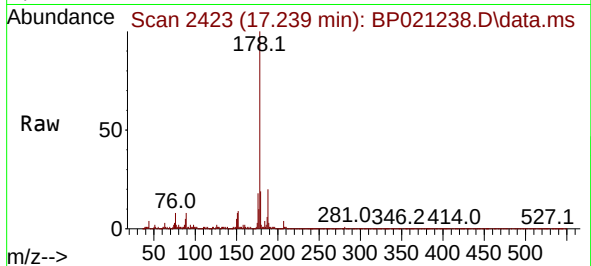
Tgt Ion:178	Resp: 547996
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.4
176 19.0	15.0 22.4





#74
 Anthracene
 Concen: 1.962 ng/ul m
 RT: 17.239 min Scan# 2422
 Delta R.T. 0.006 min
 Lab File: BP021238.D
 Acq: 30 Jul 2024 17:03

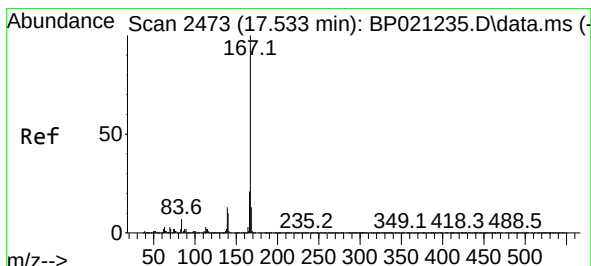
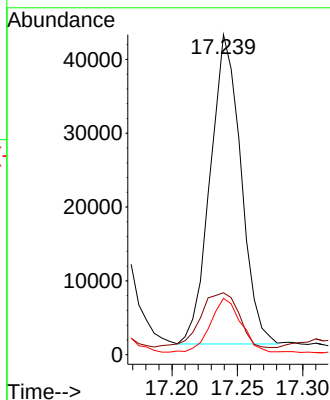
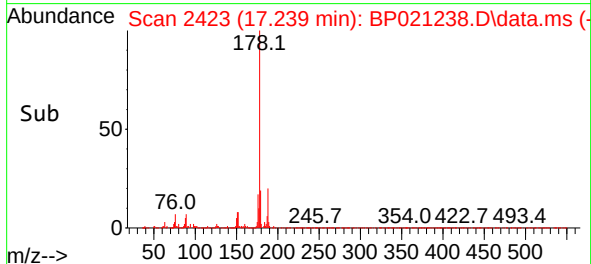
Instrument :
 BNA_P
 ClientSampleId :
 A4BA6ME



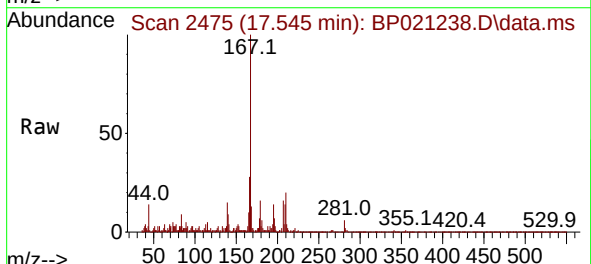
Tgt Ion:178 Resp: 6868
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.5 18.7
 176 17.6 14.8 22.2

Manual Integrations
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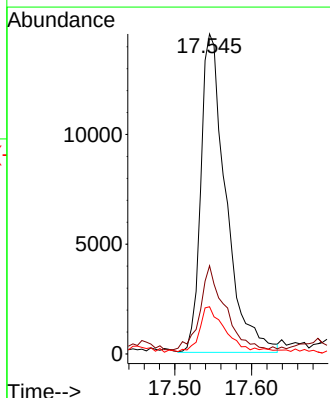
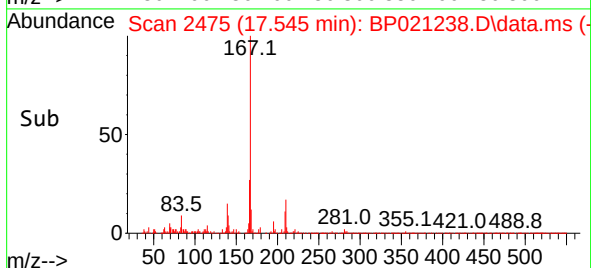
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

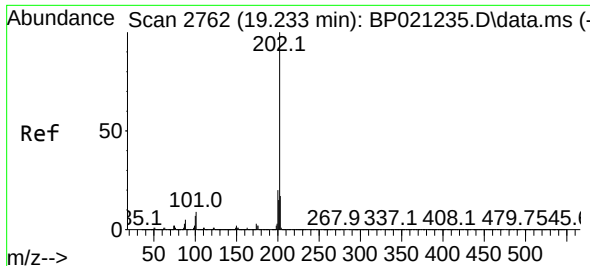


#77
 Carbazole
 Concen: 1.149 ng/ul m
 RT: 17.545 min Scan# 2475
 Delta R.T. 0.024 min
 Lab File: BP021238.D
 Acq: 30 Jul 2024 17:03



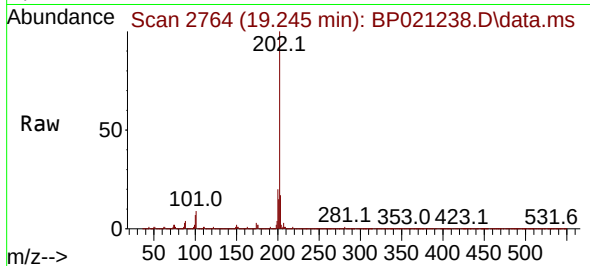
Tgt Ion:167 Resp: 32886
 Ion Ratio Lower Upper
 167 100
 166 27.6 17.3 25.9
 139 14.8 10.2 15.2





#80
Fluoranthene
Concen: 12.611 ng/ul
RT: 19.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

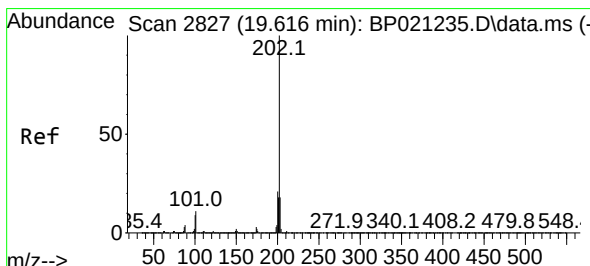
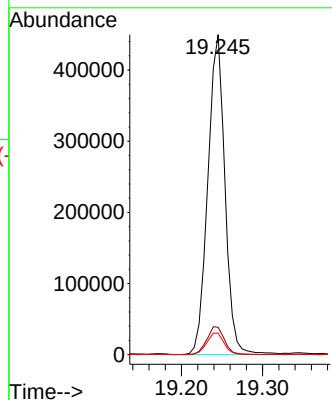
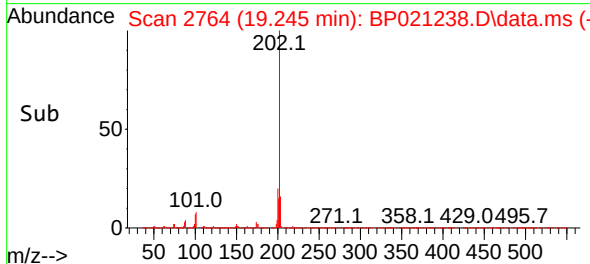
Instrument :
BNA_P
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A4BA6ME



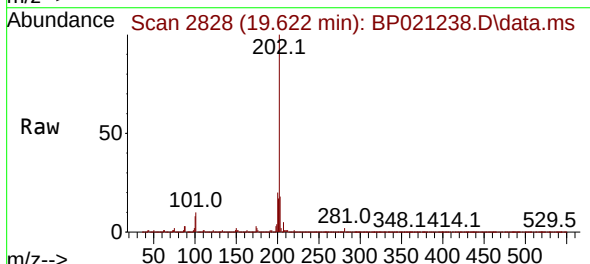
Tgt Ion:202 Resp: 65706
Ion Ratio Lower Upper
202 100
101 8.6 8.0 12.0
100 6.7 6.1 9.1

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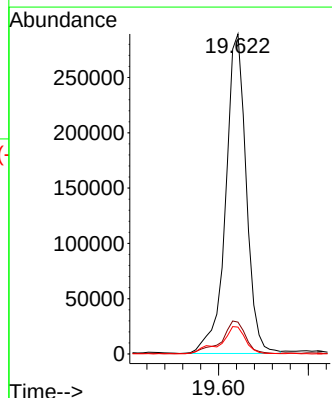
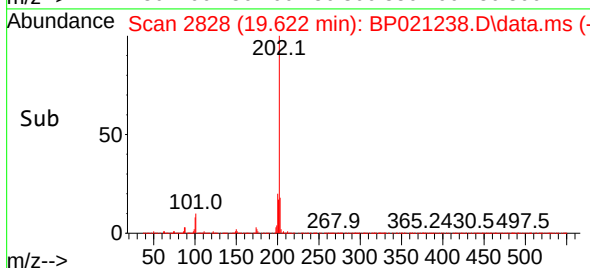
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024

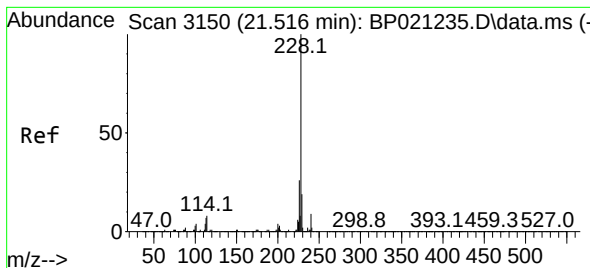


#82
Pyrene
Concen: 8.661 ng/ul
RT: 19.622 min Scan# 2828
Delta R.T. 0.012 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03



Tgt Ion:202 Resp: 459199
Ion Ratio Lower Upper
202 100
101 10.0 9.4 14.2
100 8.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 5.120 ng/ul m

RT: 21.521 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

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BNA_P

ClientSampleId :

A4BA6ME

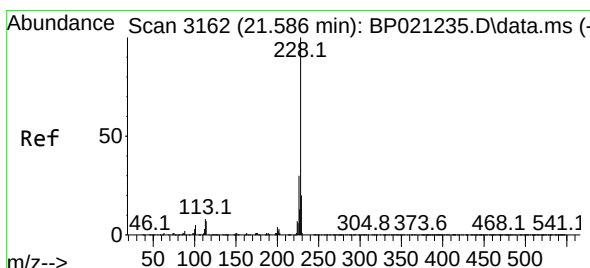
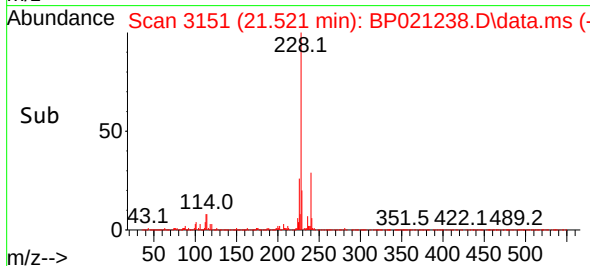
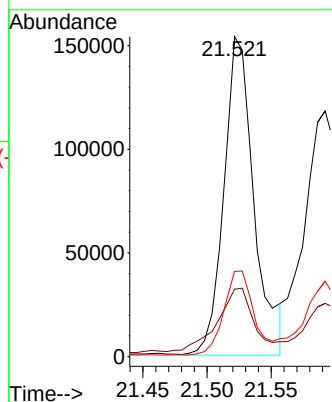
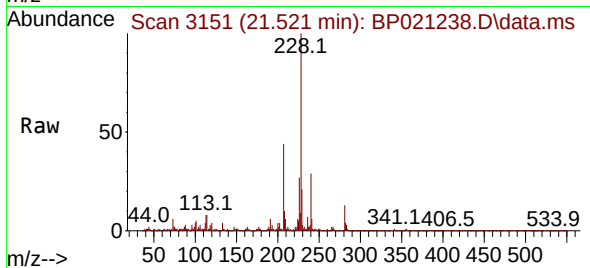
Tgt Ion:228	Resp: 25029
Ion Ratio	Lower Upper
228 100	
229 21.1	15.5 23.3
226 26.6	21.4 32.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 09/04/2024



#87

Chrysene

Concen: 5.378 ng/ul

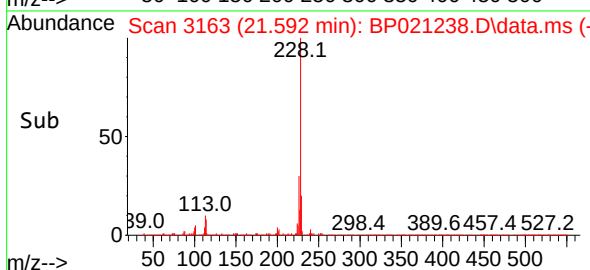
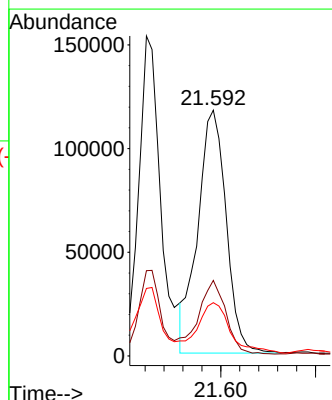
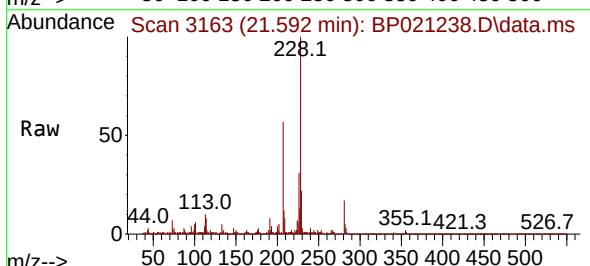
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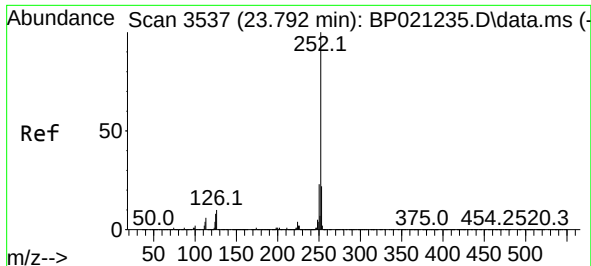
Delta R.T. 0.006 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

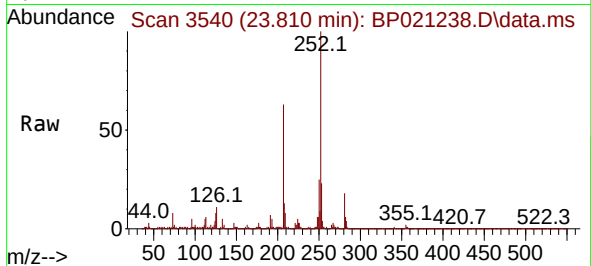
Tgt Ion:228	Resp: 244291
Ion Ratio	Lower Upper
228 100	
226 30.7	23.6 35.4
229 21.7	15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.320 ng/u1
RT: 23.810 min Scan# 3540
Delta R.T. 0.024 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03

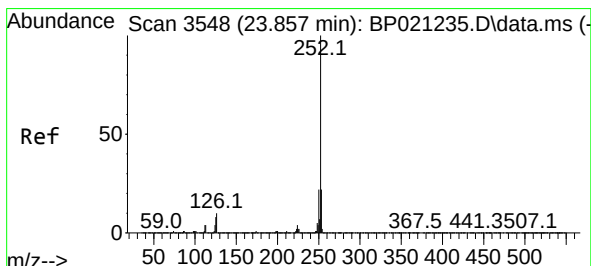
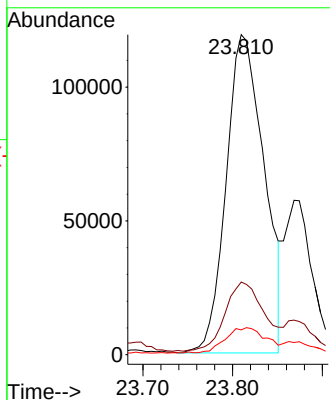
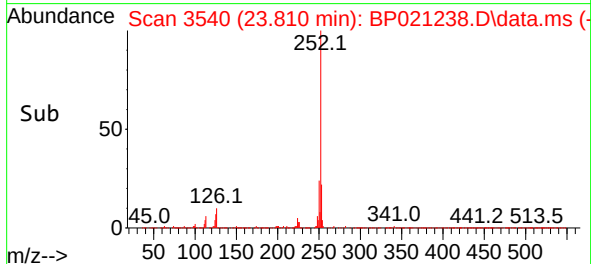
Instrument :
BNA_P
ClientSampleId :
A4BA6ME



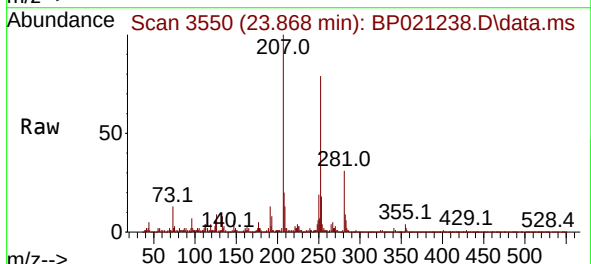
Tgt Ion:252 Resp: 349770
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 7.8 7.0 10.4

Manual Integrations
APPROVED

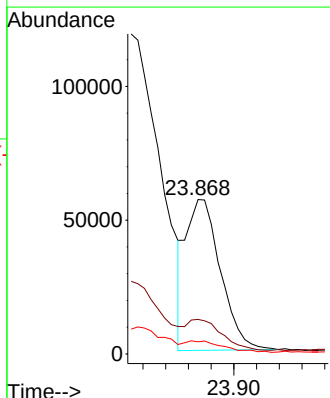
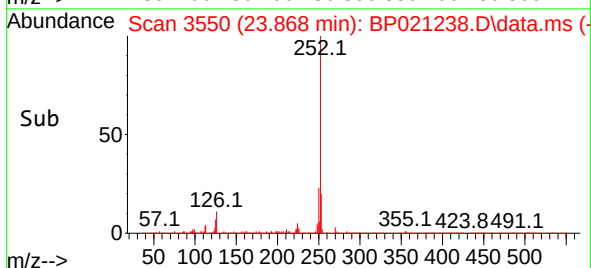
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024

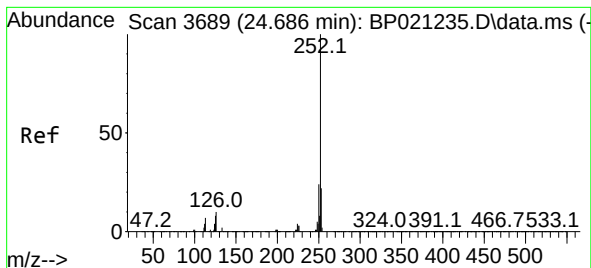


#91
Benzo(k)fluoranthene
Concen: 2.155 ng/u1
RT: 23.868 min Scan# 3550
Delta R.T. 0.018 min
Lab File: BP021238.D
Acq: 30 Jul 2024 17:03



Tgt Ion:252 Resp: 119046
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 7.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 2.342 ng/ul

RT: 24.692 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Instrument :

BNA_P

ClientSampleId :

A4BA6ME

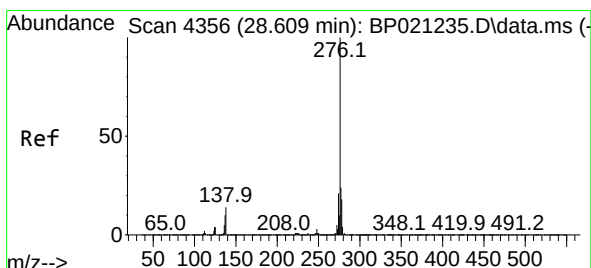
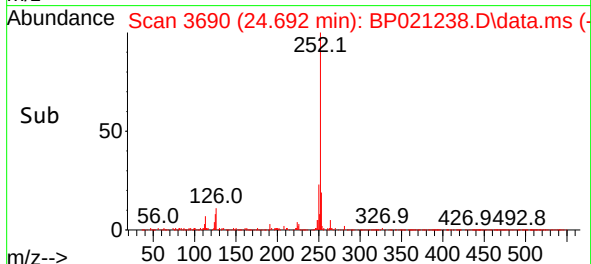
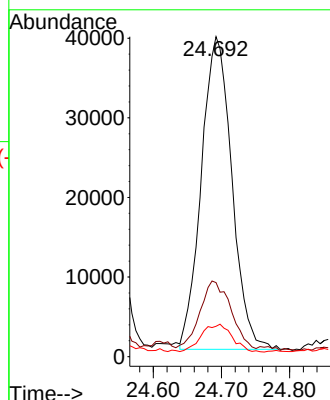
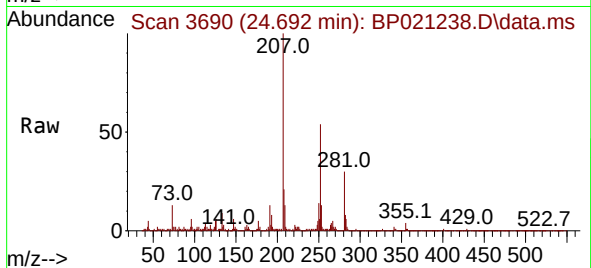
Tgt Ion:	252	Resp:	12246
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	9.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 09/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.700 ng/ul m

RT: 28.633 min Scan# 4360

Delta R.T. 0.036 min

Lab File: BP021238.D

Acq: 30 Jul 2024 17:03

Tgt Ion:	276	Resp:	114537
Ion Ratio	Lower	Upper	
276	100		
138	16.2	14.3	21.5
277	28.2	19.2	28.8

