

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022541.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4429-10DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:22:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	91641	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	355960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	276331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	666685	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	785971	20.000	ng/u1	0.00
88) Perylene-d12	24.769	264	945095	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1080m	0.458	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.852	99	16307	2.114	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	10520	2.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	12864	2.350	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	12864	2.090	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	6251	2.284	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	6824m	2.154	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	15381m	2.284	ng/u1	0.01
31) 4-Chloroaniline-d4	10.569	131	9976	1.254	ng/u1	0.01
46) Dimethylphthalate-d6	13.675	166	60659	2.763	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	59933	2.570	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	4125m	1.120	ng/u1	0.03
60) Fluorene-d10	15.275	176	52916	2.779	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	3372m	0.769	ng/u1	0.00
73) Anthracene-d10	17.175	188	87067	2.776	ng/u1	0.00
81) Pyrene-d10	19.557	212	101293	2.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	91623	1.815	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.469	105	12251	1.205	ng/u1	95
30) Naphthalene	10.463	128	22544	1.189	ng/u1	95
52) Acenaphthene	14.334	153	61351	3.585	ng/u1	99
56) Dibenzofuran	14.675	168	44433	1.728	ng/u1	97
61) Fluorene	15.334	166	68512	3.271	ng/u1	98
72) Phenanthrene	17.116	178	911140	25.545	ng/u1	99
74) Anthracene	17.210	178	161584	4.540	ng/u1	99
77) Carbazole	17.492	167	66247	2.103	ng/u1	98
80) Fluoranthene	19.210	202	1147202	24.009	ng/u1	97
82) Pyrene	19.586	202	777668	15.185	ng/u1	99
85) Benzo(a)anthracene	21.492	228	512559	9.302	ng/u1	98
87) Chrysene	21.551	228	466430	9.130	ng/u1	97
90) Benzo(b)fluoranthene	23.733	252	522267	8.779	ng/u1	99
91) Benzo(k)fluoranthene	23.792	252	185335m	3.182	ng/u1	
93) Benzo(a)pyrene	24.610	252	203955	3.725	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.445	276	157315m	2.153	ng/u1	
95) Dibenzo(a,h)anthracene	28.498	278	61198m	1.034	ng/u1	

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

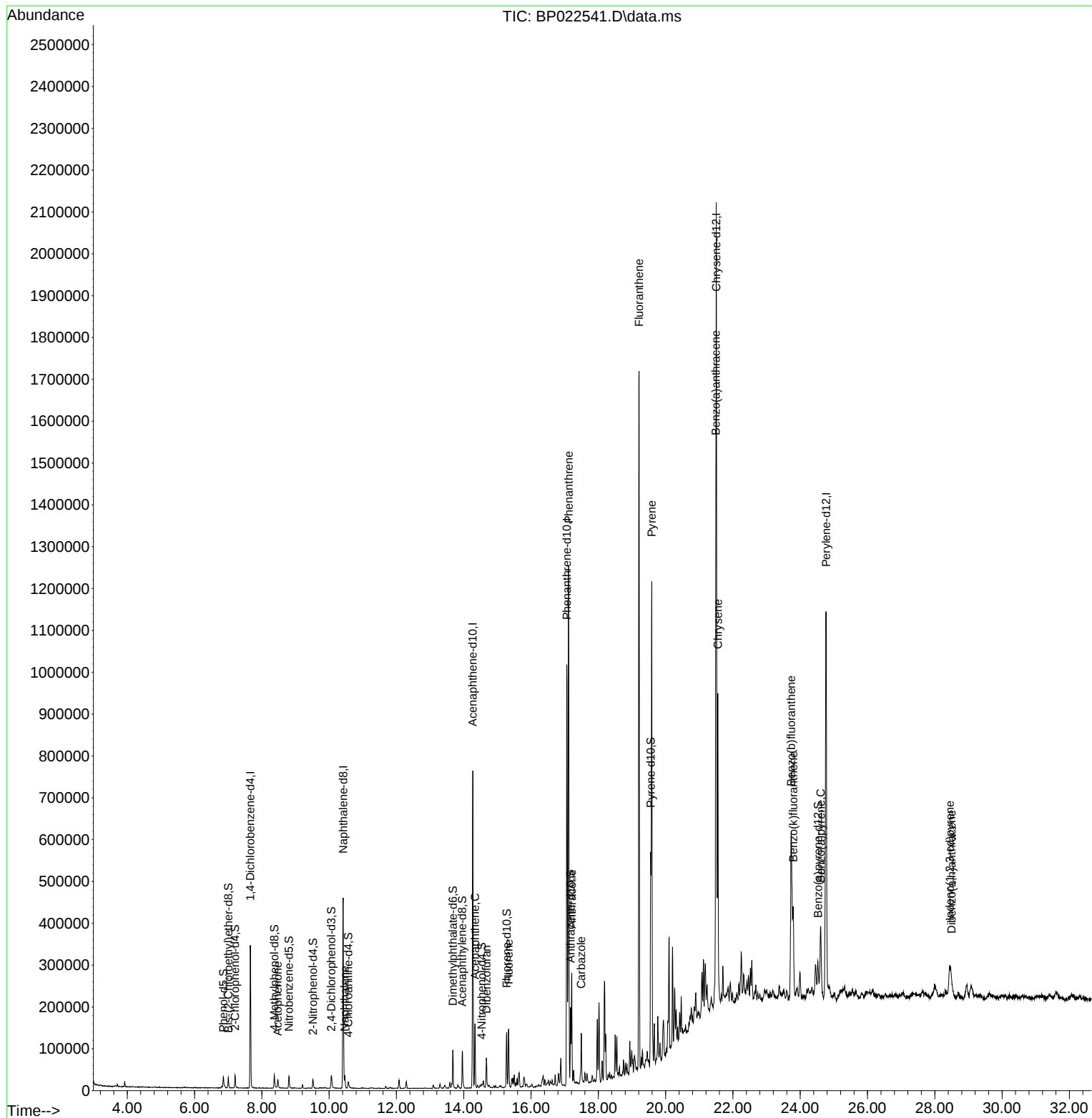
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022541.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4429-10DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

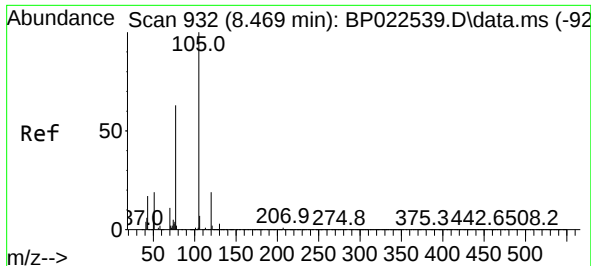
Instrument :
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ClientSampleId :
A4FB3DL

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Supervised By :mohammad ahmed 10/25/2024

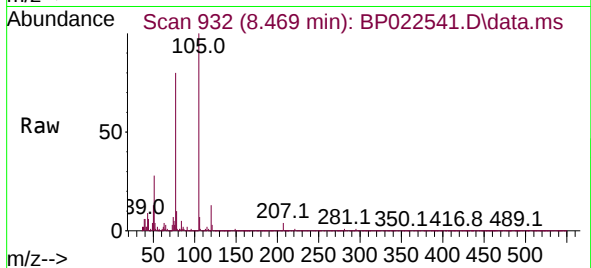
Quant Time: Oct 23 01:22:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.205 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

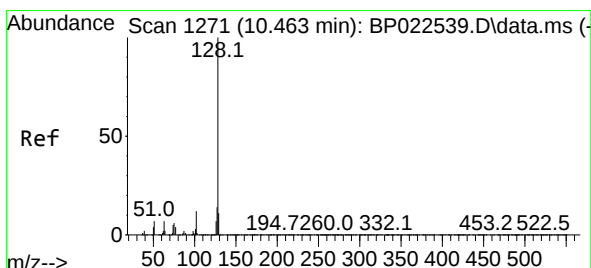
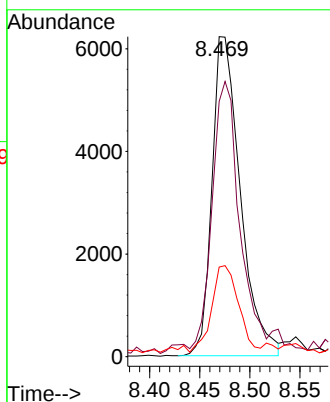
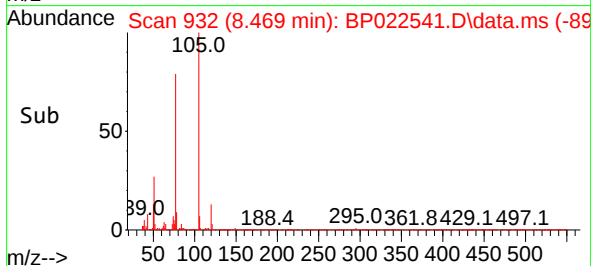
Instrument :
BNA_P
ClientSampleId :
A4FB3DL



Tgt Ion:105 Resp: 1225
Ion Ratio Lower Upper
105 100
77 79.7 69.0 103.4
51 28.0 22.6 33.8

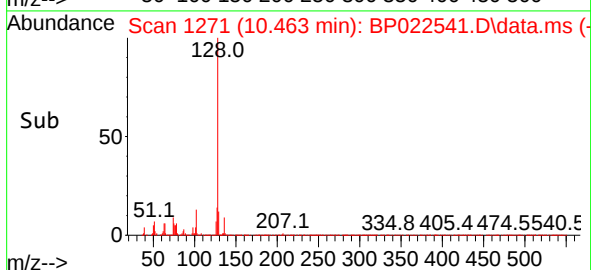
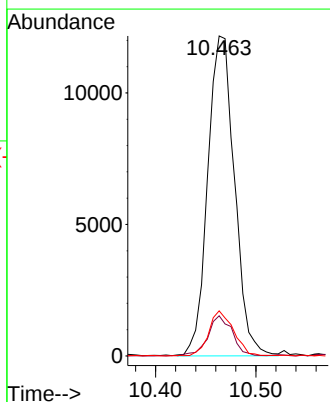
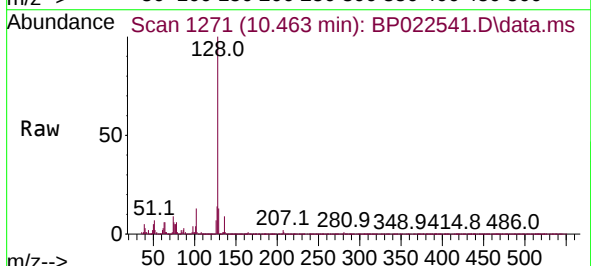
Manual Integrations
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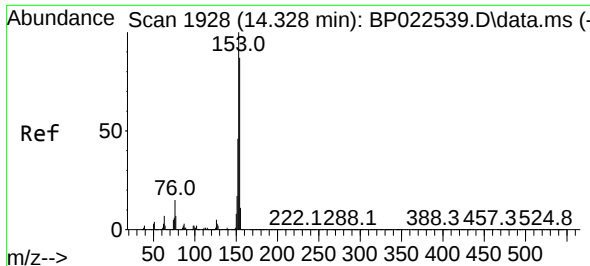
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#30
Naphthalene
Concen: 1.189 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.005 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

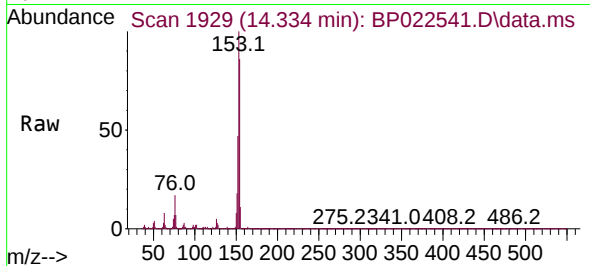
Tgt Ion:128 Resp: 22544
Ion Ratio Lower Upper
128 100
129 12.5 8.6 12.8
127 14.1 9.9 14.9





#52
Acenaphthene
Concen: 3.585 ng/ul
RT: 14.334 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

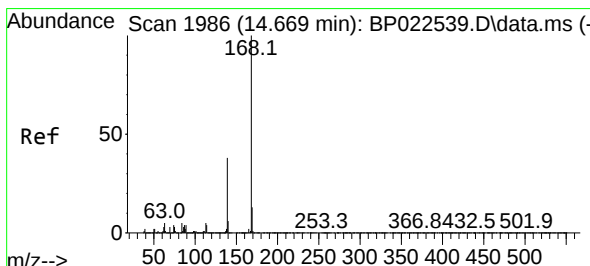
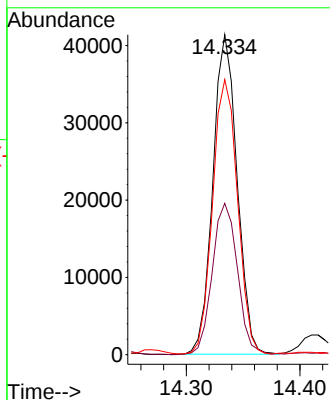
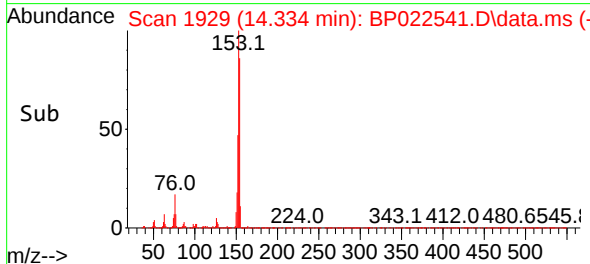
Instrument :
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ClientSampleId :
A4FB3DL



Tgt Ion:153 Resp: 6135
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 86.0 69.5 104.3

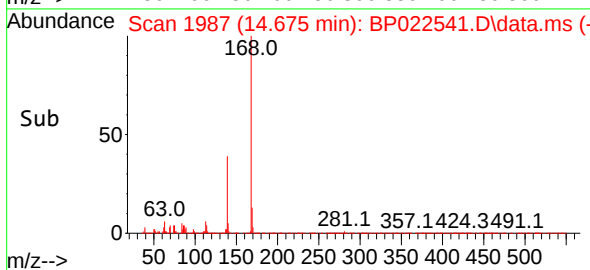
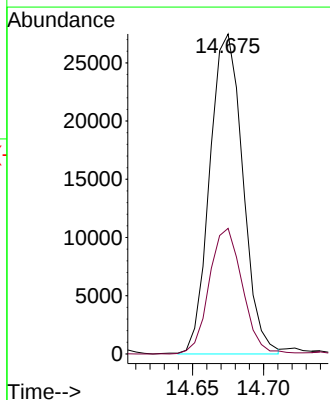
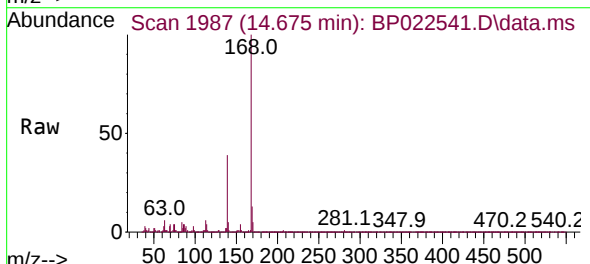
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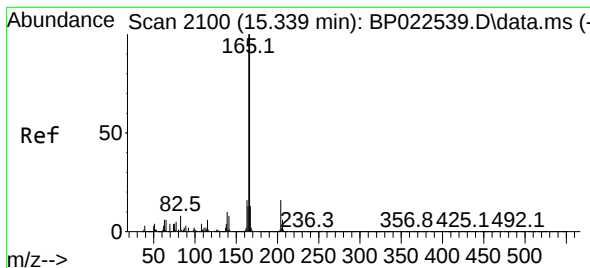
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#56
Dibenzofuran
Concen: 1.728 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

Tgt Ion:168 Resp: 44433
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.2





#61

Fluorene

Concen: 3.271 ng/ul

RT: 15.334 min Scan# 2099

Delta R.T. -0.005 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Instrument :

BNA_P

ClientSampleId :

A4FB3DL

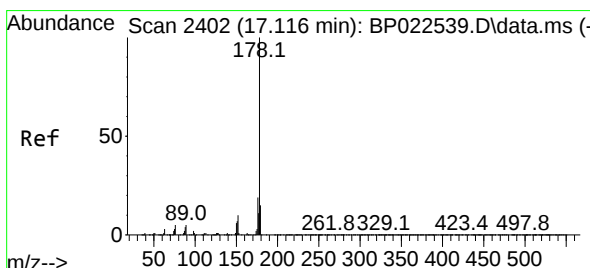
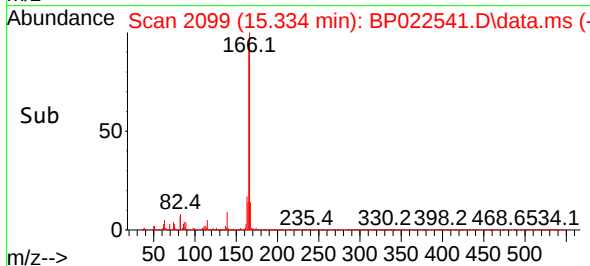
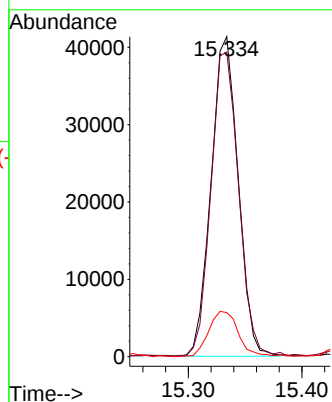
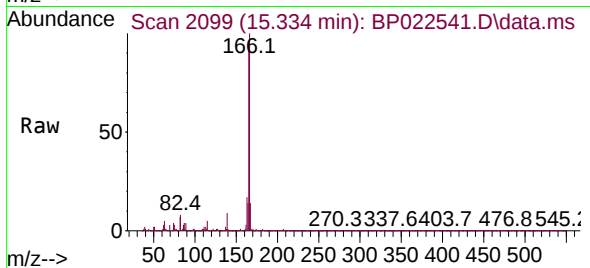
Tgt Ion:	166	Resp:	6851
Ion Ratio	Lower	Upper	
166	100		
165	95.2	77.8	116.6
167	13.8	11.1	16.7

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#72

Phenanthrene

Concen: 25.545 ng/ul

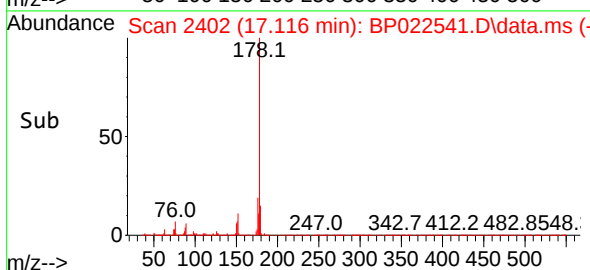
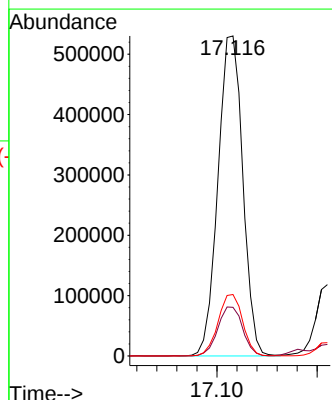
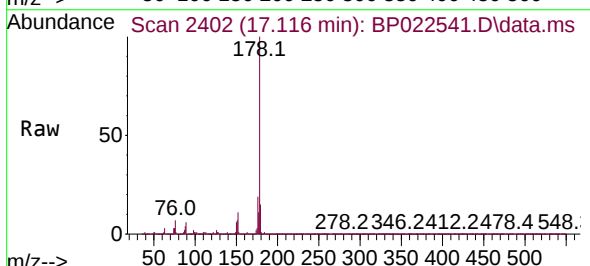
RT: 17.116 min Scan# 2402

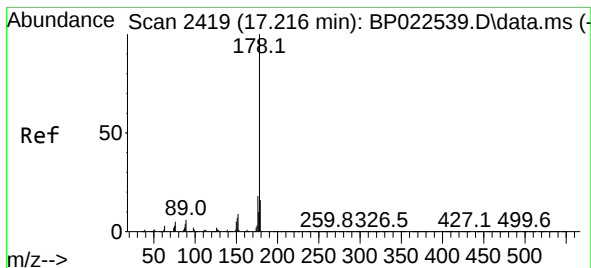
Delta R.T. 0.000 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Tgt Ion:	178	Resp:	911140
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	19.2	15.7	23.5





#74

Anthracene

Concen: 4.540 ng/ul

RT: 17.210 min Scan# 2419

Delta R.T. 0.006 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Instrument :

BNA_P

ClientSampleId :

A4FB3DL

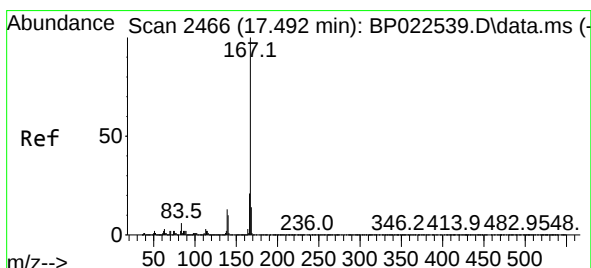
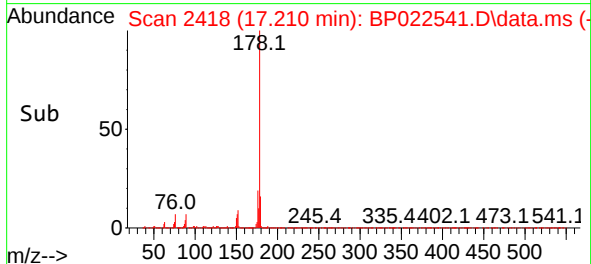
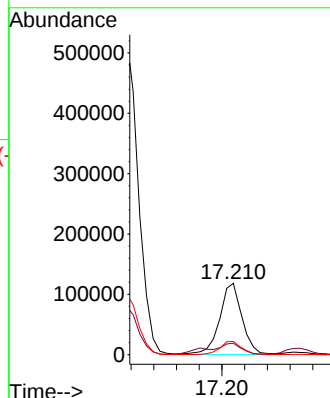
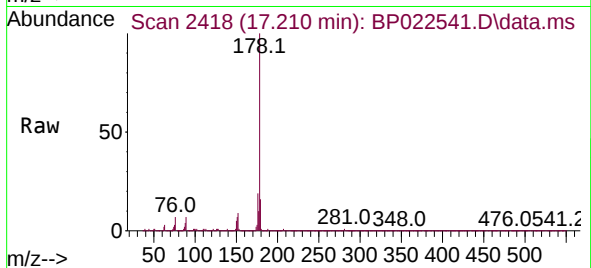
Tgt Ion:	178	Resp:	161584
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.0	18.0
176	18.7	15.0	22.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024



#77

Carbazole

Concen: 2.103 ng/ul

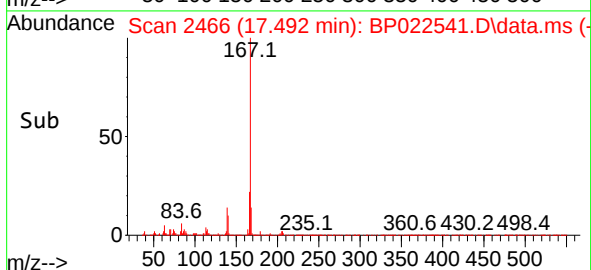
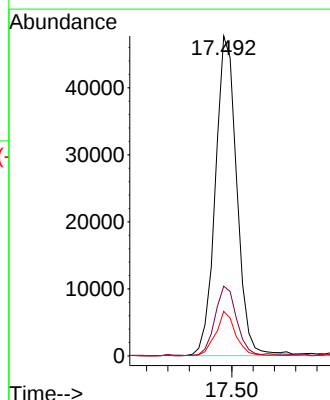
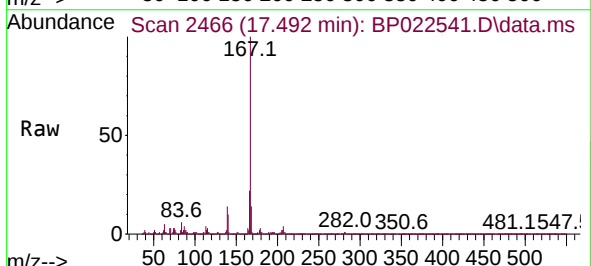
RT: 17.492 min Scan# 2466

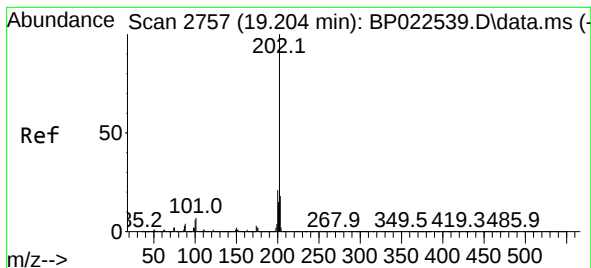
Delta R.T. -0.005 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Tgt Ion:	167	Resp:	66247
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.6
139	14.0	10.3	15.5





#80

Fluoranthene

Concen: 24.009 ng/u1

RT: 19.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Instrument :

BNA_P

ClientSampleId :

A4FB3DL

Tgt Ion:202 Resp: 114720

Ion Ratio Lower Upper

202 100

101 6.2 5.8 8.8

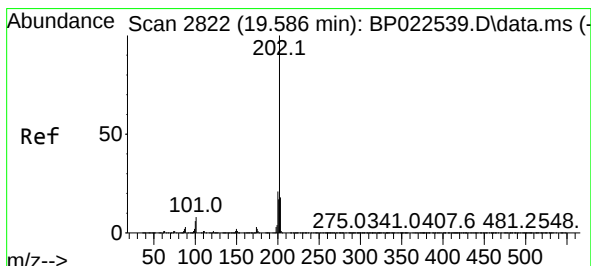
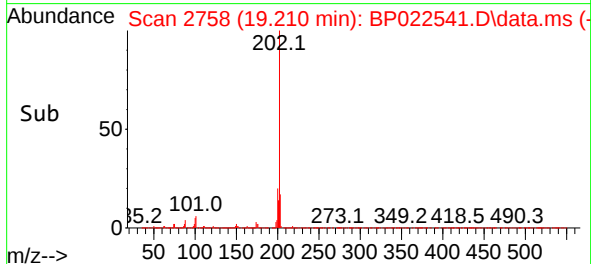
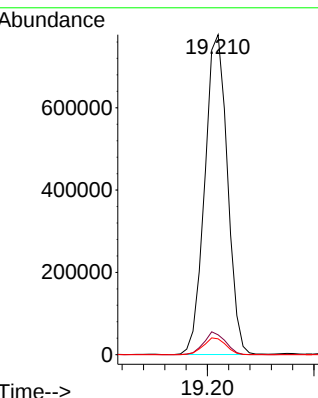
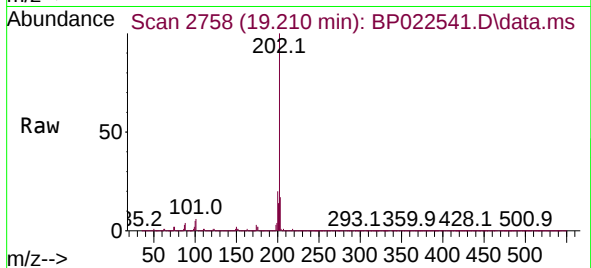
100 4.9 4.5 6.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024



#82

Pyrene

Concen: 15.185 ng/u1

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

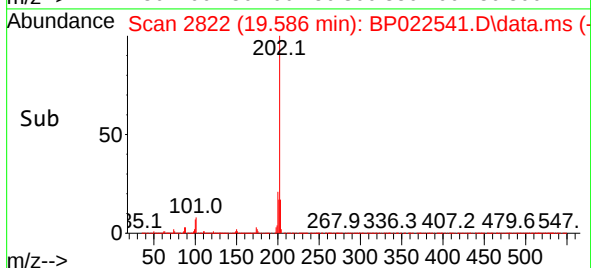
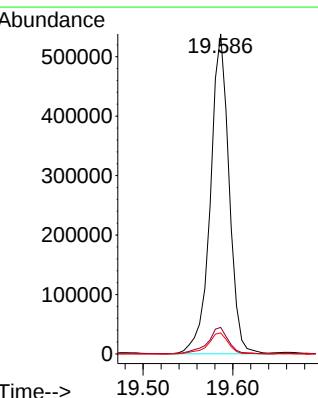
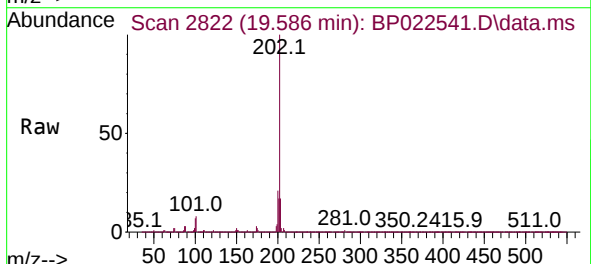
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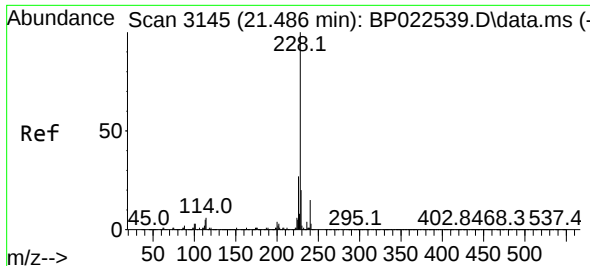
Ion Ratio Lower Upper

202 100

101 8.3 6.7 10.1

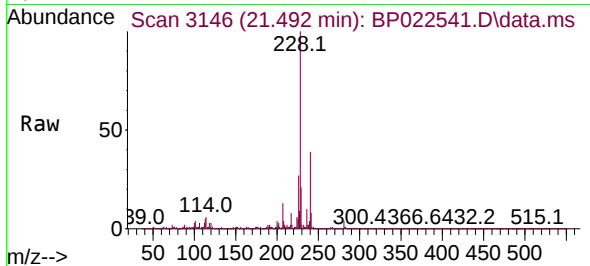
100 6.6 5.8 8.6





#85
Benzo(a)anthracene
Concen: 9.302 ng/u1
RT: 21.492 min Scan# 3146
Delta R.T. 0.012 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

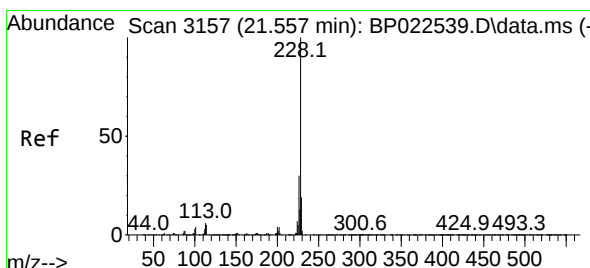
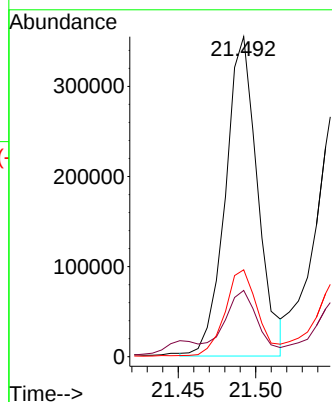
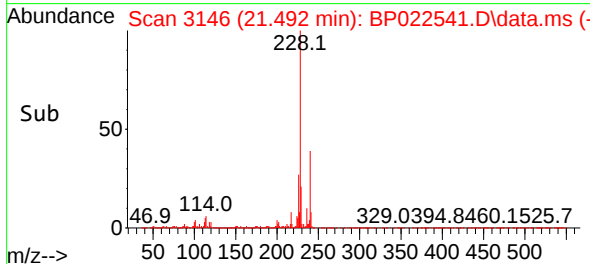
Instrument :
BNA_P
ClientSampleId :
A4FB3DL



Tgt Ion:228 Resp: 51255
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.0
226 27.2 21.5 32.3

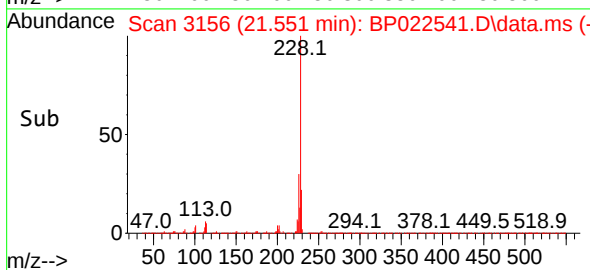
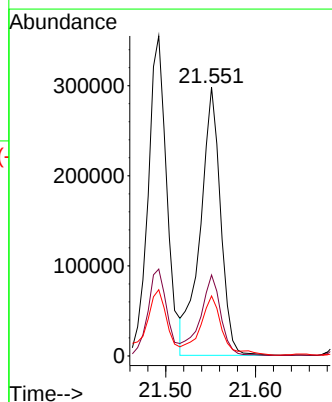
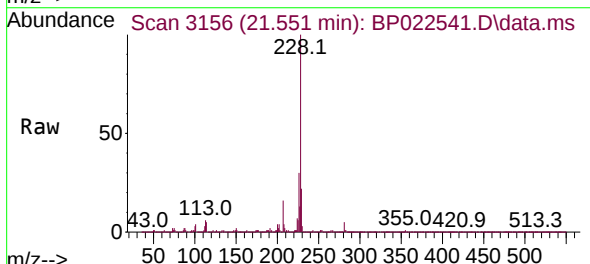
Manual Integrations
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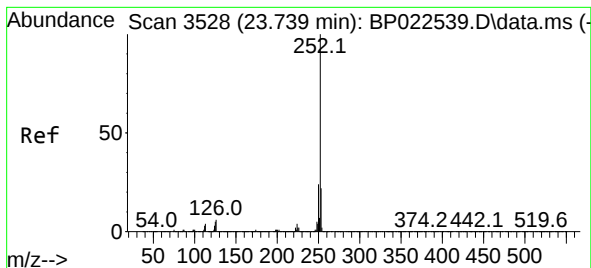
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#87
Chrysene
Concen: 9.130 ng/u1
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022541.D
Acq: 22 Oct 2024 17:47

Tgt Ion:228 Resp: 466430
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 22.4 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 8.779 ng/ul

RT: 23.733 min Scan# 3527

Delta R.T. 0.012 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Instrument :

BNA_P

ClientSampleId :

A4FB3DL

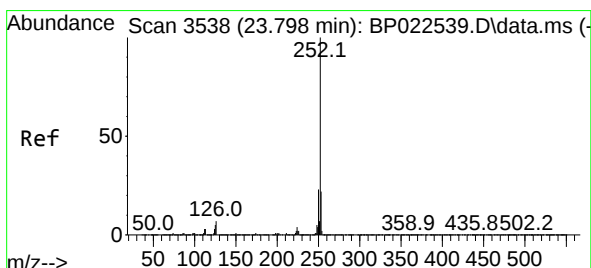
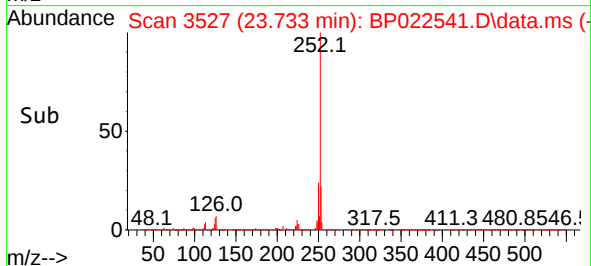
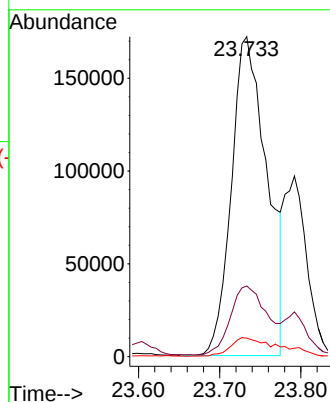
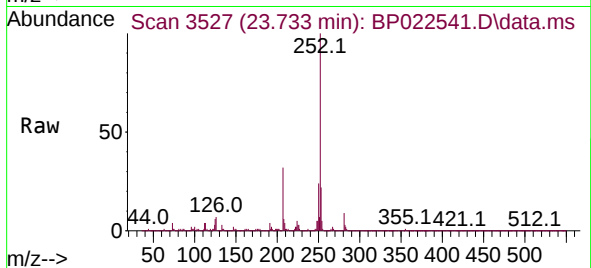
Tgt Ion:	252	Resp:	52226
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	5.8	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024



#91

Benzo(k)fluoranthene

Concen: 3.182 ng/ul m

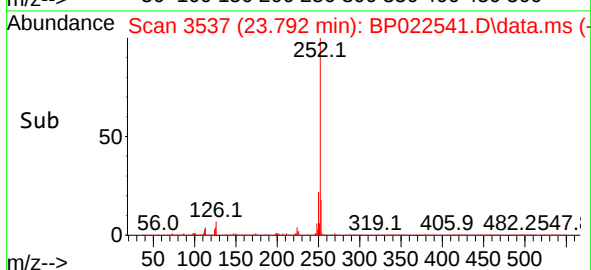
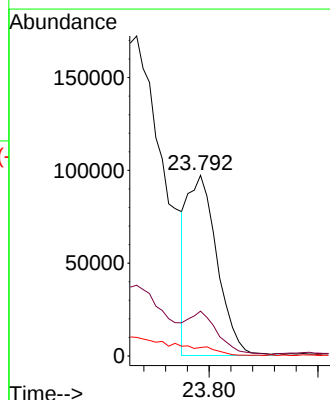
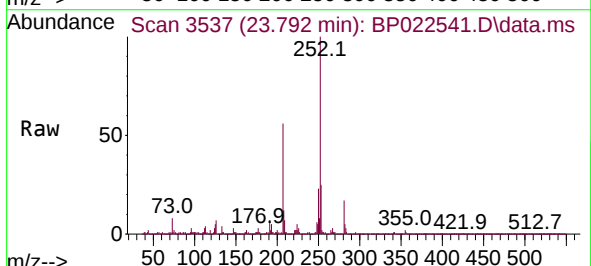
RT: 23.792 min Scan# 3537

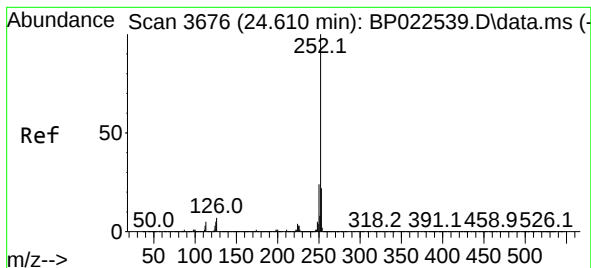
Delta R.T. 0.000 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

Tgt Ion:	252	Resp:	185335
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.0
125	4.7	4.6	6.8





#93

Benzo(a)pyrene

Concen: 3.725 ng/ul

RT: 24.610 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP022541.D

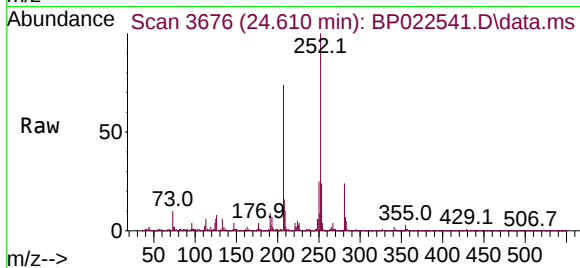
Acq: 22 Oct 2024 17:47

Instrument :

BNA_P

ClientSampleId :

A4FB3DL



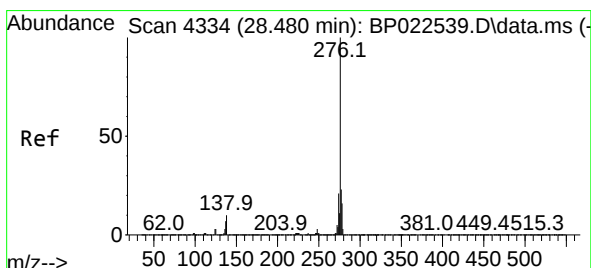
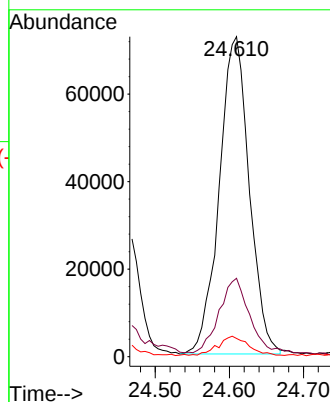
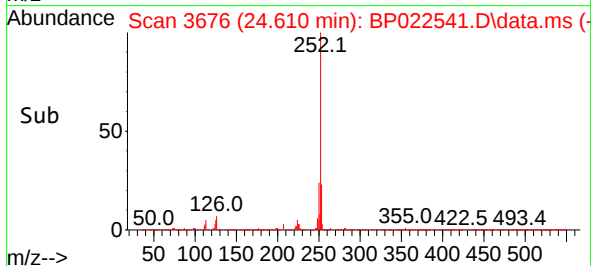
Tgt Ion:	252	Resp:	20395
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	5.7	4.9	7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.153 ng/ul m

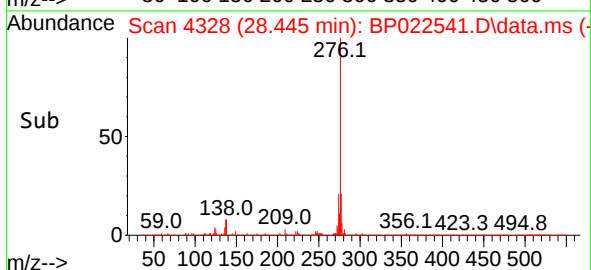
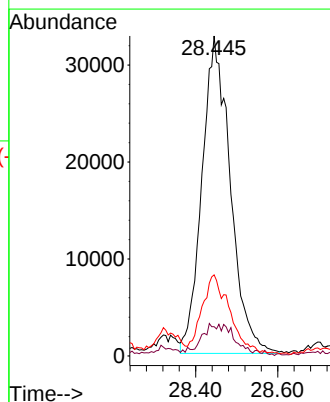
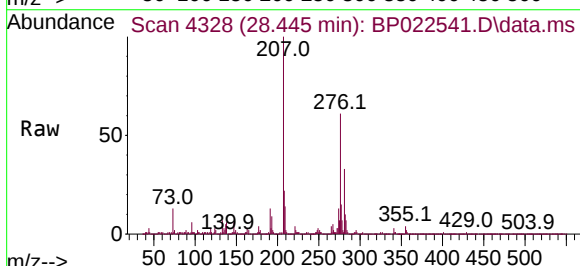
RT: 28.445 min Scan# 4328

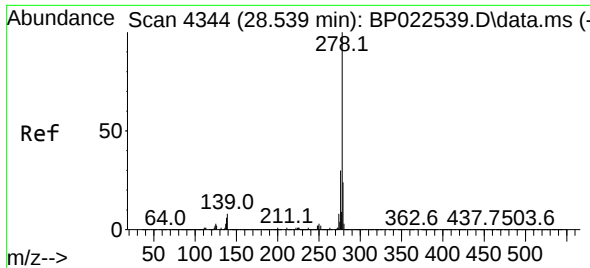
Delta R.T. 0.012 min

Lab File: BP022541.D

Acq: 22 Oct 2024 17:47

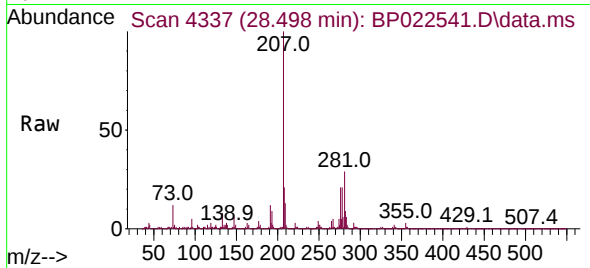
Tgt Ion:	276	Resp:	157315
Ion Ratio	Lower	Upper	
276	100		
138	9.2	9.1	13.7
277	25.3	18.6	27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.034 ng/ul m
 RT: 28.498 min Scan# 4344
 Delta R.T. -0.017 min
 Lab File: BP022541.D
 Acq: 22 Oct 2024 17:47

Instrument :
 BNA_P
 ClientSampleId :
 A4FB3DL



Tgt Ion:278 Resp: 61198
 Ion Ratio Lower Upper
 278 100
 139 10.5 7.3 10.9
 279 30.6 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

