

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021404.D
 Acq On : 07 Aug 2024 01:34
 Operator : CG/JU
 Sample : P3329-12DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E20DL

Quant Time: Aug 07 02:45:11 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	147257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	617471	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	428587	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	967794	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	1048489	20.000	ng/u1	-0.01
88) Perylene-d12	24.815	264	1259986	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	1589	0.491	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.969	99	12128m	1.010	ng/u1	0.12
9) Bis-(2-Chloroethyl)eth...	7.011	67	15578m	2.141	ng/u1	0.03
11) 2-Chlorophenol-d4	7.246	132	20307m	2.053	ng/u1	0.07
15) 4-Methylphenol-d8	8.463	113	20045m	2.010	ng/u1	0.10
21) Nitrobenzene-d5	8.852	128	8406m	1.753	ng/u1	0.06
24) 2-Nitrophenol-d4	9.563	143	9307m	1.695	ng/u1	0.06
28) 2,4-Dichlorophenol-d3	10.199	165	19058m	1.920	ng/u1	0.15
31) 4-Chloroaniline-d4	10.681	131	14483m	1.101	ng/u1	0.12
46) Dimethylphthalate-d6	13.704	166	70852m	2.274	ng/u1	0.02
49) Acenaphthylene-d8	13.969	160	78907	2.256	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	8594m	1.939	ng/u1	0.21
60) Fluorene-d10	15.304	176	70756	2.768	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	6680m	1.141	ng/u1	0.09
73) Anthracene-d10	17.204	188	113472m	2.640	ng/u1	0.01
81) Pyrene-d10	19.569	212	131891	2.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	110126	1.772	ng/u1	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.446	128	126569	3.897	ng/u1	99
50) Acenaphthylene	13.998	152	140282	3.542	ng/u1	99
72) Phenanthrene	17.145	178	87355	1.740	ng/u1	99
74) Anthracene	17.245	178	96456	1.885	ng/u1	98
80) Fluoranthene	19.228	202	1668936	21.320	ng/u1	98
82) Pyrene	19.604	202	2926166	36.734	ng/u1	99
85) Benzo(a)anthracene	21.504	228	1726064	23.501	ng/u1	99
87) Chrysene	21.574	228	1699923	24.908	ng/u1	99
90) Benzo(b)fluoranthene	23.768	252	2471423	32.322	ng/u1	99
91) Benzo(k)fluoranthene	23.827	252	818131	10.722	ng/u1	99
93) Benzo(a)pyrene	24.663	252	622988	8.622	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	575267	6.179	ng/u1	99
95) Dibenzo(a,h)anthracene	28.598	278	217590	2.822	ng/u1	98

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

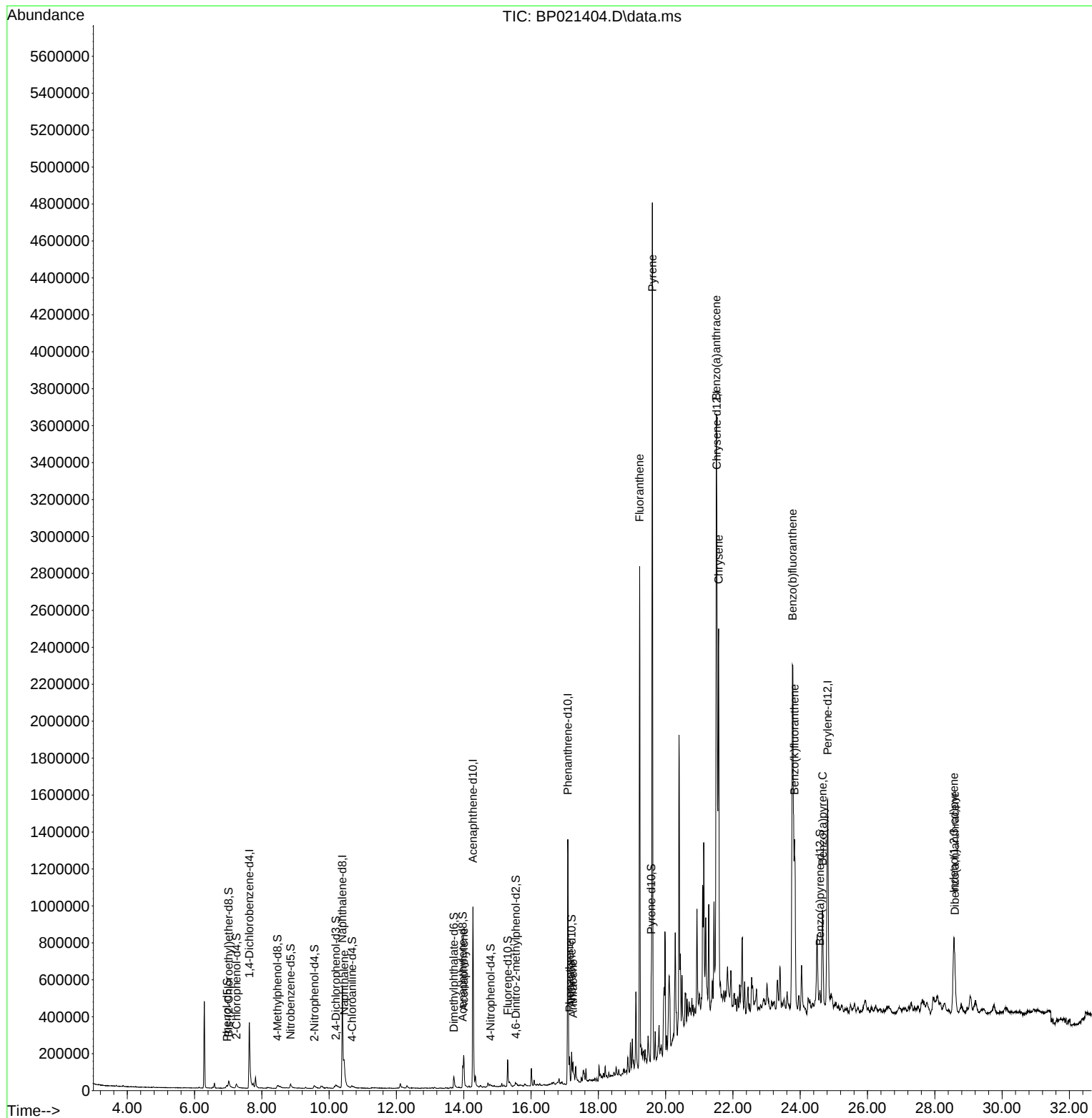
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021404.D
Acq On : 07 Aug 2024 01:34
Operator : CG/JU
Sample : P3329-12DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

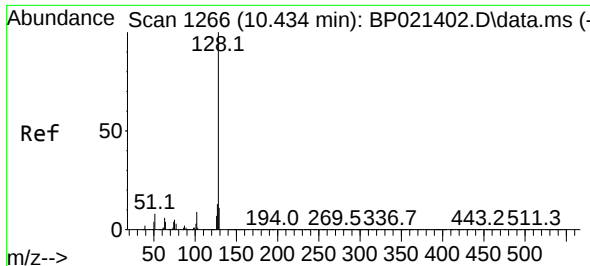
Instrument :
BNA_P
ClientSampleId :
F7E20DL

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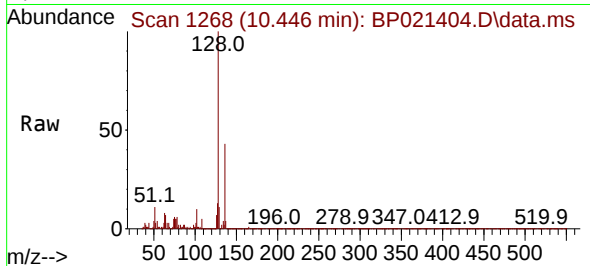
Quant Time: Aug 07 02:45:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.897 ng/u1
RT: 10.446 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

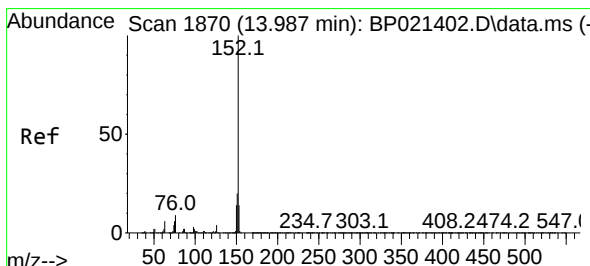
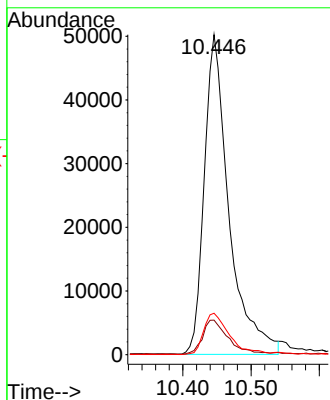
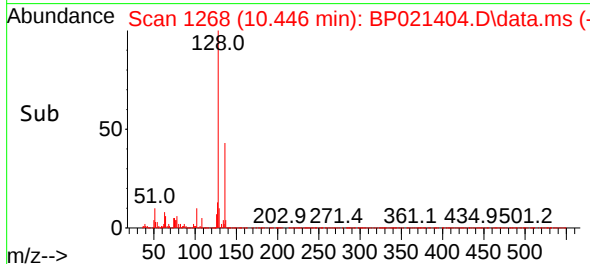
Instrument :
BNA_P
ClientSampleId :
F7E20DL



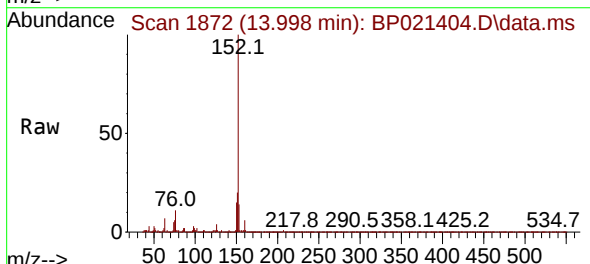
Tgt Ion:128 Resp: 126569
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.8 16.2

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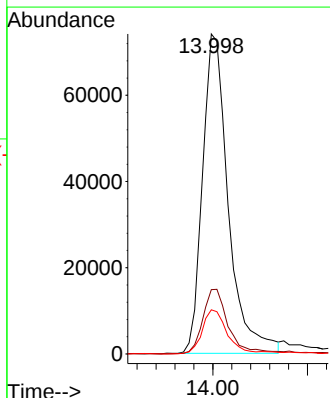
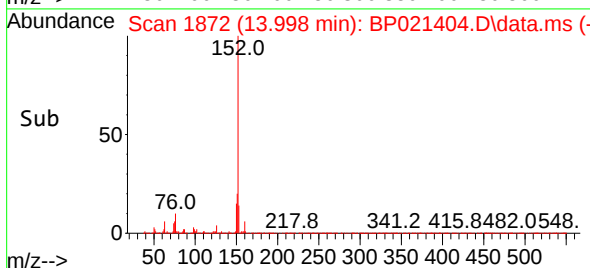
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

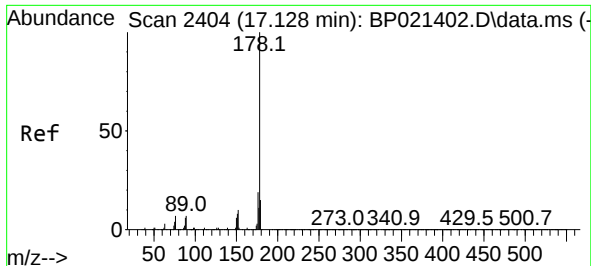


#50
Acenaphthylene
Concen: 3.542 ng/u1
RT: 13.998 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34



Tgt Ion:152 Resp: 140282
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.8 10.3 15.5





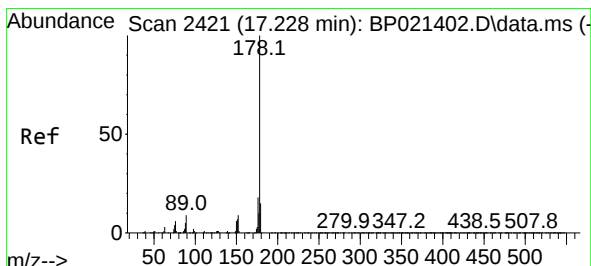
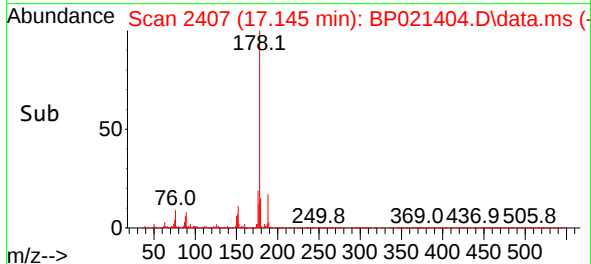
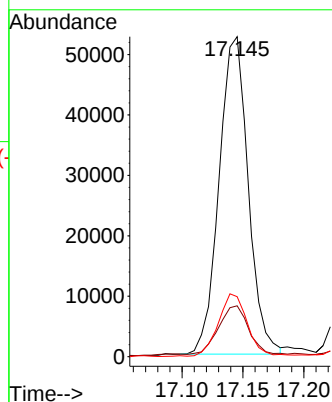
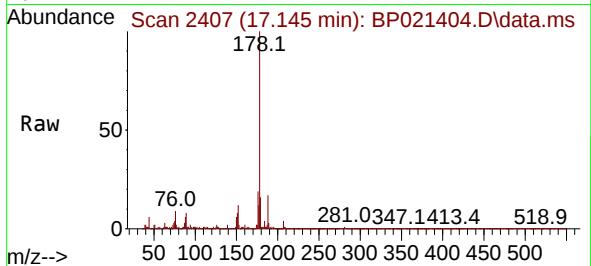
#72
Phenanthrene
Concen: 1.740 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. 0.012 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

Instrument :
BNA_P
ClientSampleId :
F7E20DL

Tgt Ion:178 Resp: 8735
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 18.7 15.0 22.4

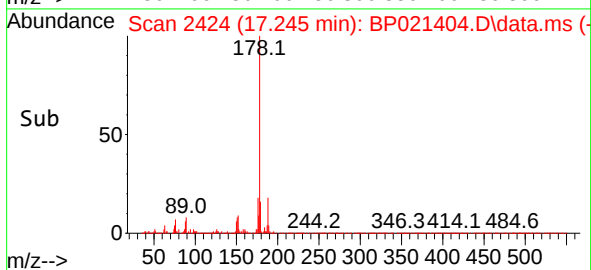
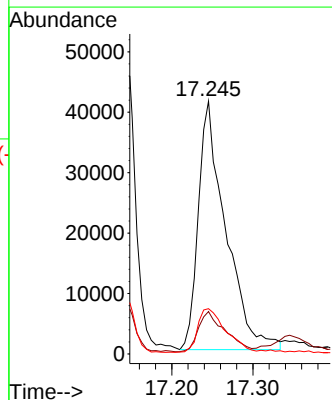
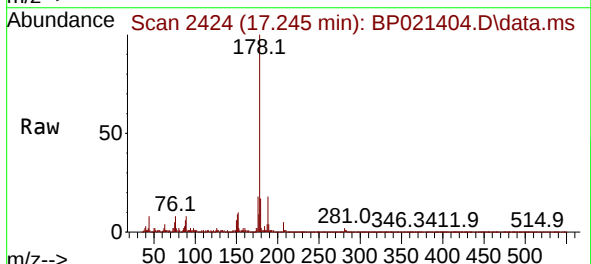
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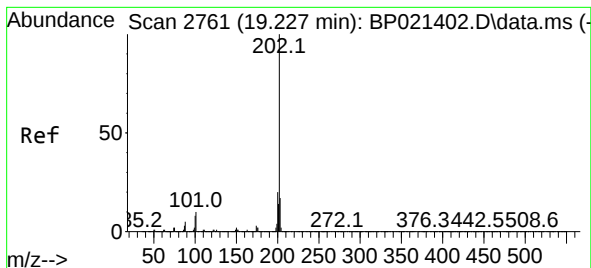
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#74
Anthracene
Concen: 1.885 ng/ul
RT: 17.245 min Scan# 2424
Delta R.T. 0.012 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

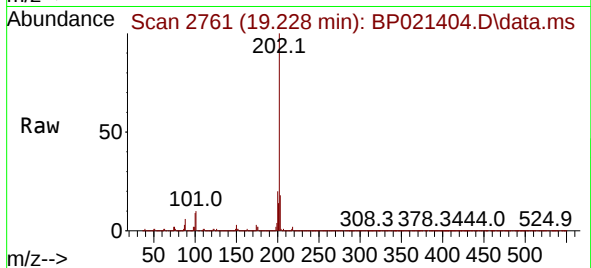
Tgt Ion:178 Resp: 96456
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 17.9 14.8 22.2





#80
Fluoranthene
Concen: 21.320 ng/ul
RT: 19.228 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

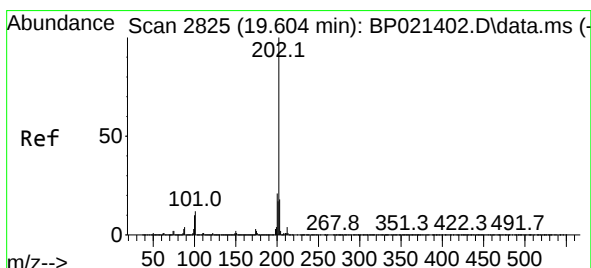
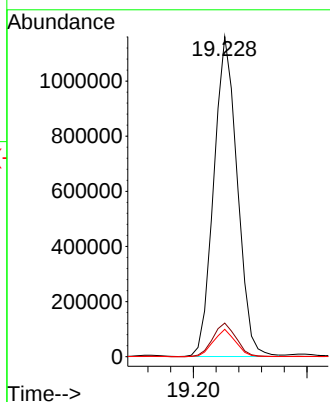
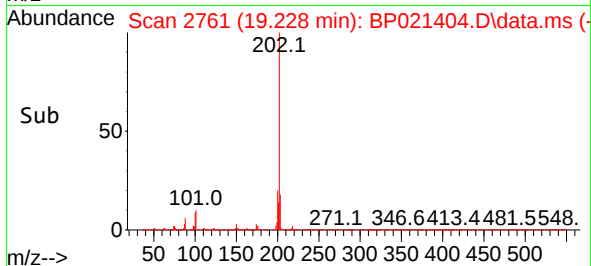
Instrument :
BNA_P
ClientSampleId :
F7E20DL



Tgt Ion:202 Resp: 1668930
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.5 6.1 9.1

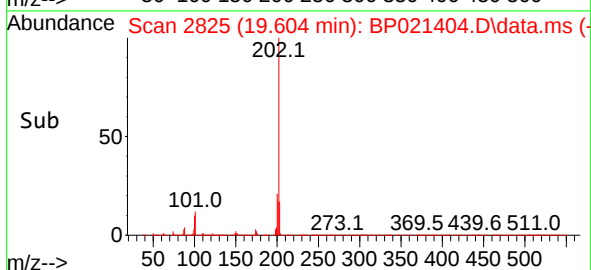
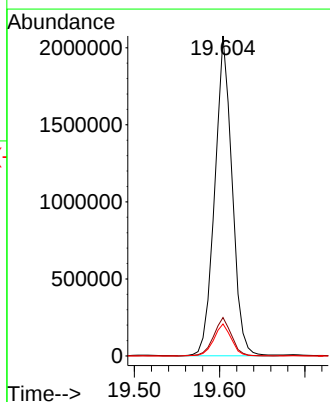
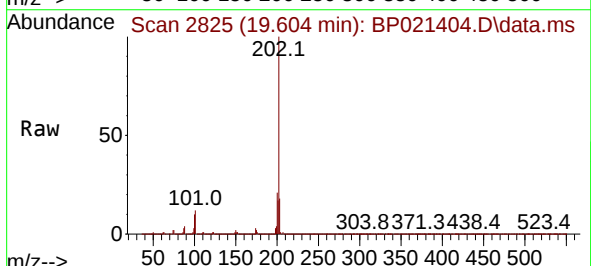
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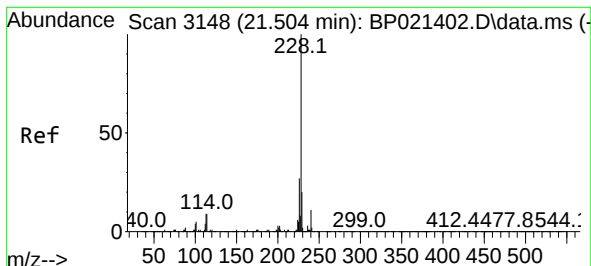
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#82
Pyrene
Concen: 36.734 ng/ul
RT: 19.604 min Scan# 2825
Delta R.T. -0.005 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

Tgt Ion:202 Resp: 2926166
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 23.501 ng/u1

RT: 21.504 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BP021404.D

Acq: 07 Aug 2024 01:34

Instrument :

BNP_P

ClientSampleId :

F7E20DL

Tgt Ion:228 Resp: 1726064

Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

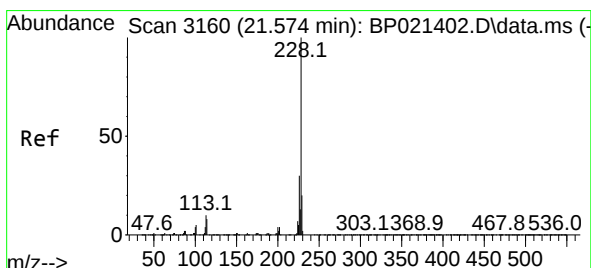
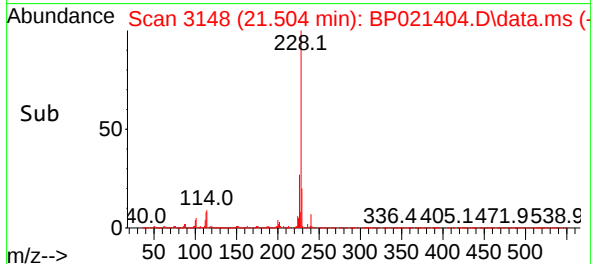
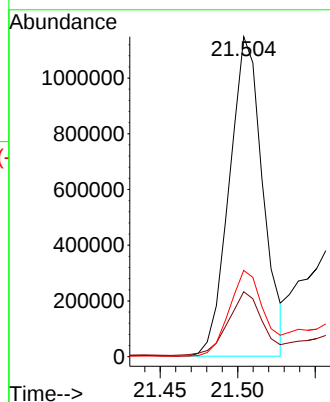
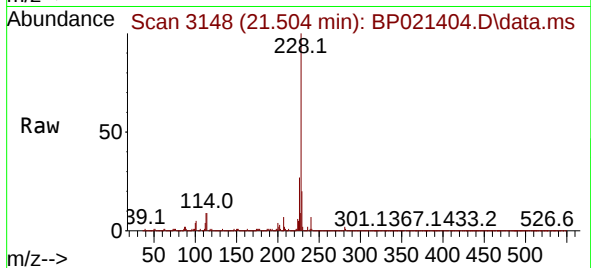
226 26.9 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#87

Chrysene

Concen: 24.908 ng/u1

RT: 21.574 min Scan# 3160

Delta R.T. -0.011 min

Lab File: BP021404.D

Acq: 07 Aug 2024 01:34

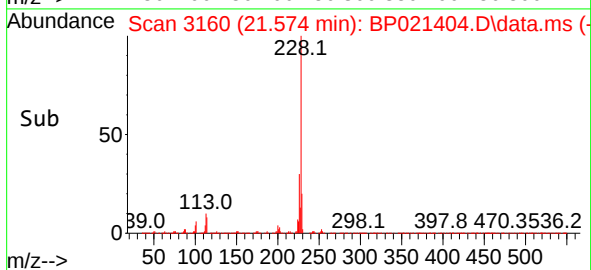
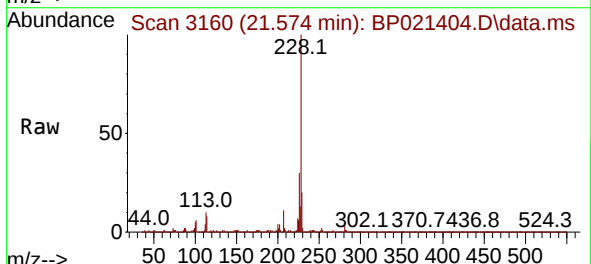
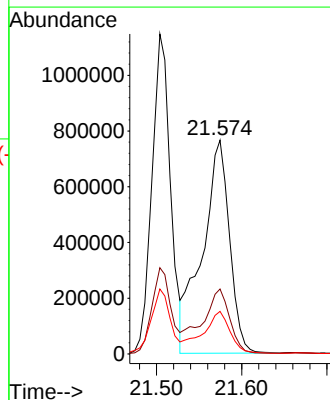
Tgt Ion:228 Resp: 1699923

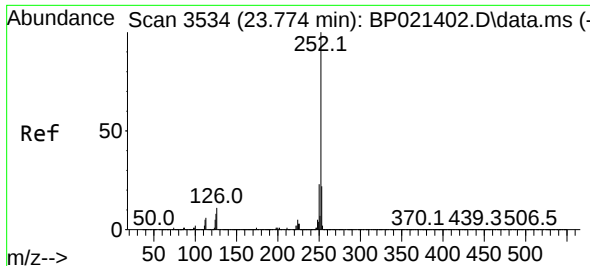
Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

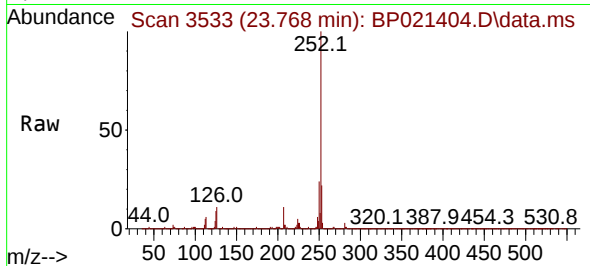
229 19.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 32.322 ng/ul
RT: 23.768 min Scan# 3533
Delta R.T. -0.017 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34

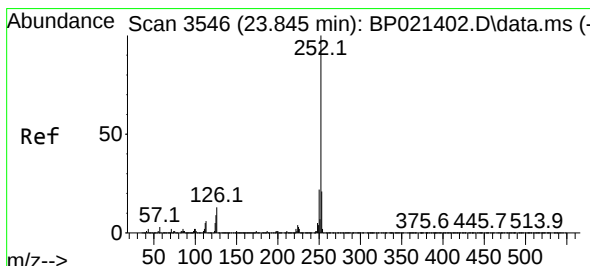
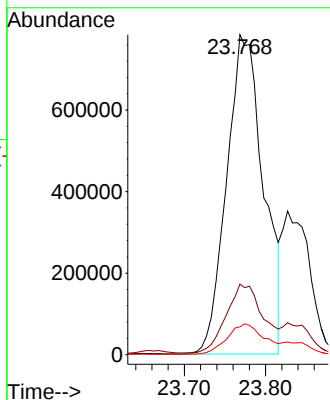
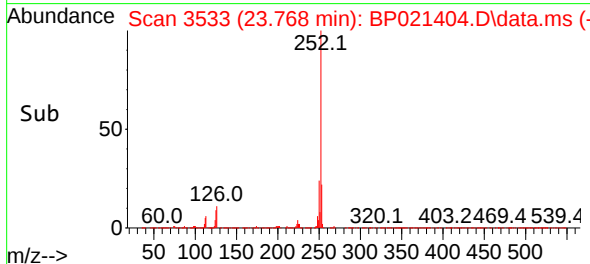
Instrument :
BNA_P
ClientSampleId :
F7E20DL



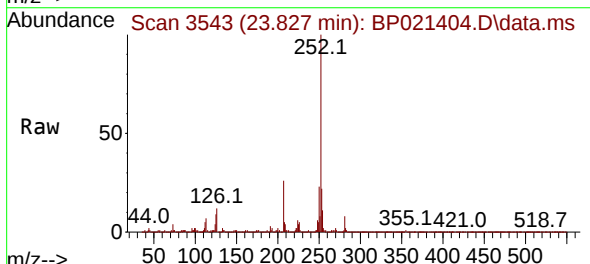
Tgt Ion:252 Resp: 247142
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 8.7 7.0 10.4

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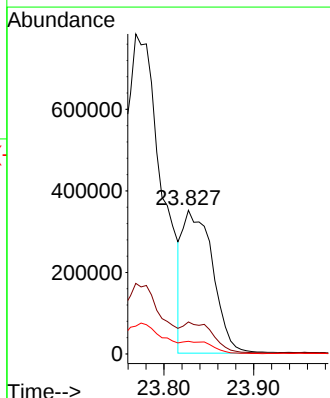
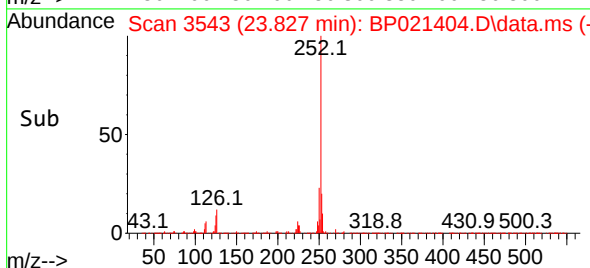
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

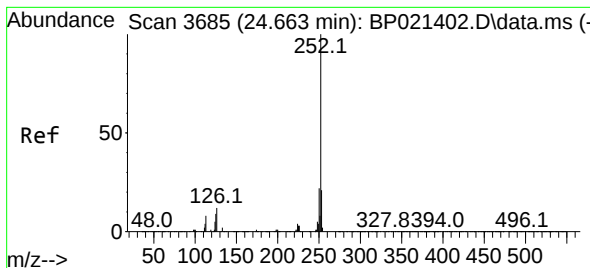


#91
Benzo(k)fluoranthene
Concen: 10.722 ng/ul
RT: 23.827 min Scan# 3543
Delta R.T. -0.023 min
Lab File: BP021404.D
Acq: 07 Aug 2024 01:34



Tgt Ion:252 Resp: 818131
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 8.622 ng/ul

RT: 24.663 min Scan# 30

Delta R.T. -0.017 min

Lab File: BP021404.D

Acq: 07 Aug 2024 01:34

Instrument :

BNA_P

ClientSampleId :

F7E20DL

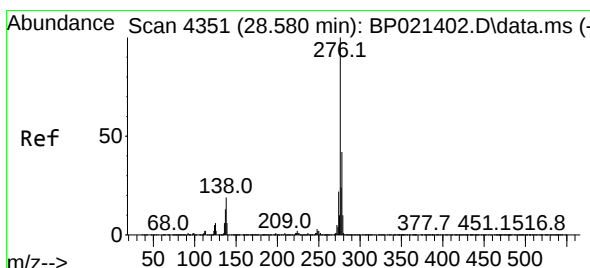
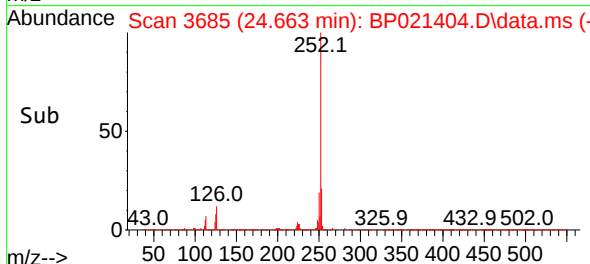
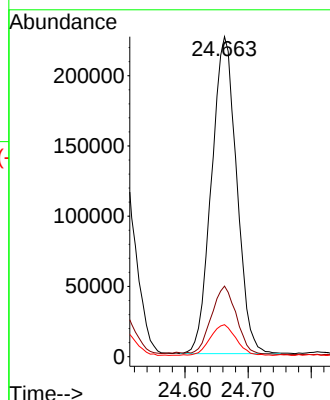
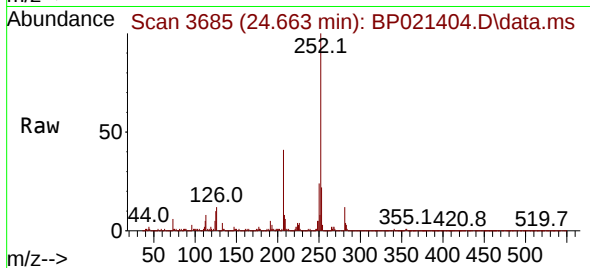
Tgt Ion:	252	Resp:	62298
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	10.0	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 6.179 ng/ul

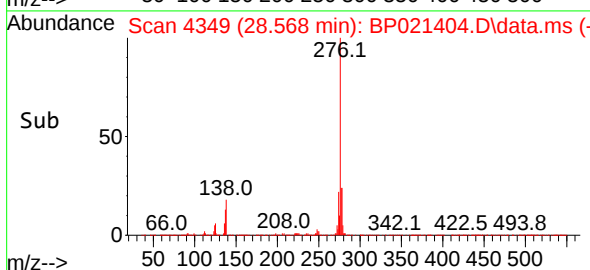
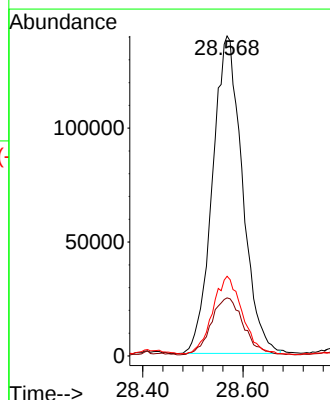
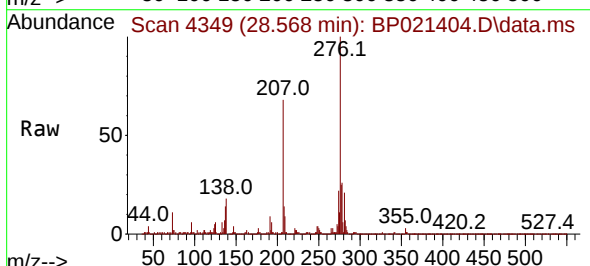
RT: 28.568 min Scan# 4349

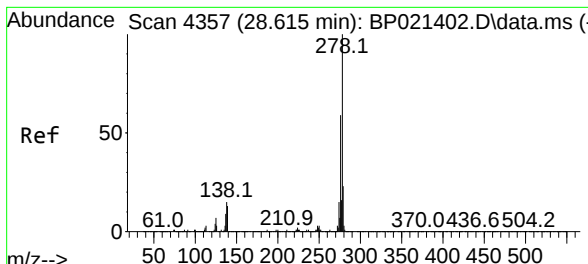
Delta R.T. -0.029 min

Lab File: BP021404.D

Acq: 07 Aug 2024 01:34

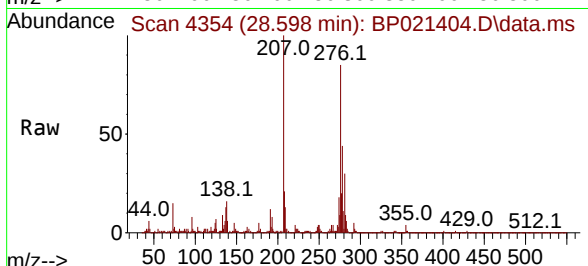
Tgt Ion:	276	Resp:	575267
Ion Ratio	Lower	Upper	
276	100		
138	18.2	14.3	21.5
277	24.9	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 2.822 ng/ul
 RT: 28.598 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BP021404.D
 Acq: 07 Aug 2024 01:34

Instrument : BNA_P
 ClientSampleId : F7E20DL



Tgt Ion: 278 Resp: 217590

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.9	16.3
279	25.5	19.4	29.0

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APPROVED
 Reviewed By : Yogesh Patel 08/08/2024
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