

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021049.D
 Acq On : 18 Jul 2024 16:53
 Operator : MA/JU
 Sample : P3201-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CH7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 00:19:20 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	7.681	152	136265	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	544700	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	344409	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	760124	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	753183	20.000	ng/u1	-0.01
88) Perylene-d12	24.886	264	949880	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	8622	2.879	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.899	99	161014	14.494	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	91453	13.584	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	136726	14.938	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	119213	12.920	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	62073	14.672	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	72101	14.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	121116	13.832	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	125706	10.837	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	392359	15.671	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	450443	16.023	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	52960m	14.867	ng/u1	0.02
60) Fluorene-d10	15.322	176	349919	17.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	41682	9.063	ng/u1	0.00
73) Anthracene-d10	17.222	188	544356	16.124	ng/u1	0.00
81) Pyrene-d10	19.610	212	626612	13.457	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	538637	11.498	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.169	178	165592	4.199	ng/u1	98
80) Fluoranthene	19.263	202	337216	5.997	ng/u1	99
82) Pyrene	19.639	202	235687	4.119	ng/u1	99
85) Benzo(a)anthracene	21.551	228	143393	2.718	ng/u1	98
87) Chrysene	21.616	228	159323	3.250	ng/u1	97
90) Benzo(b)fluoranthene	23.839	252	239992	4.163	ng/u1#	94
91) Benzo(k)fluoranthene	23.892	252	61794	1.074	ng/u1#	89
93) Benzo(a)pyrene	24.721	252	81040	1.488	ng/u1#	85
94) Indeno(1,2,3-cd)pyrene	28.656	276	92384m	1.316	ng/u1	

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

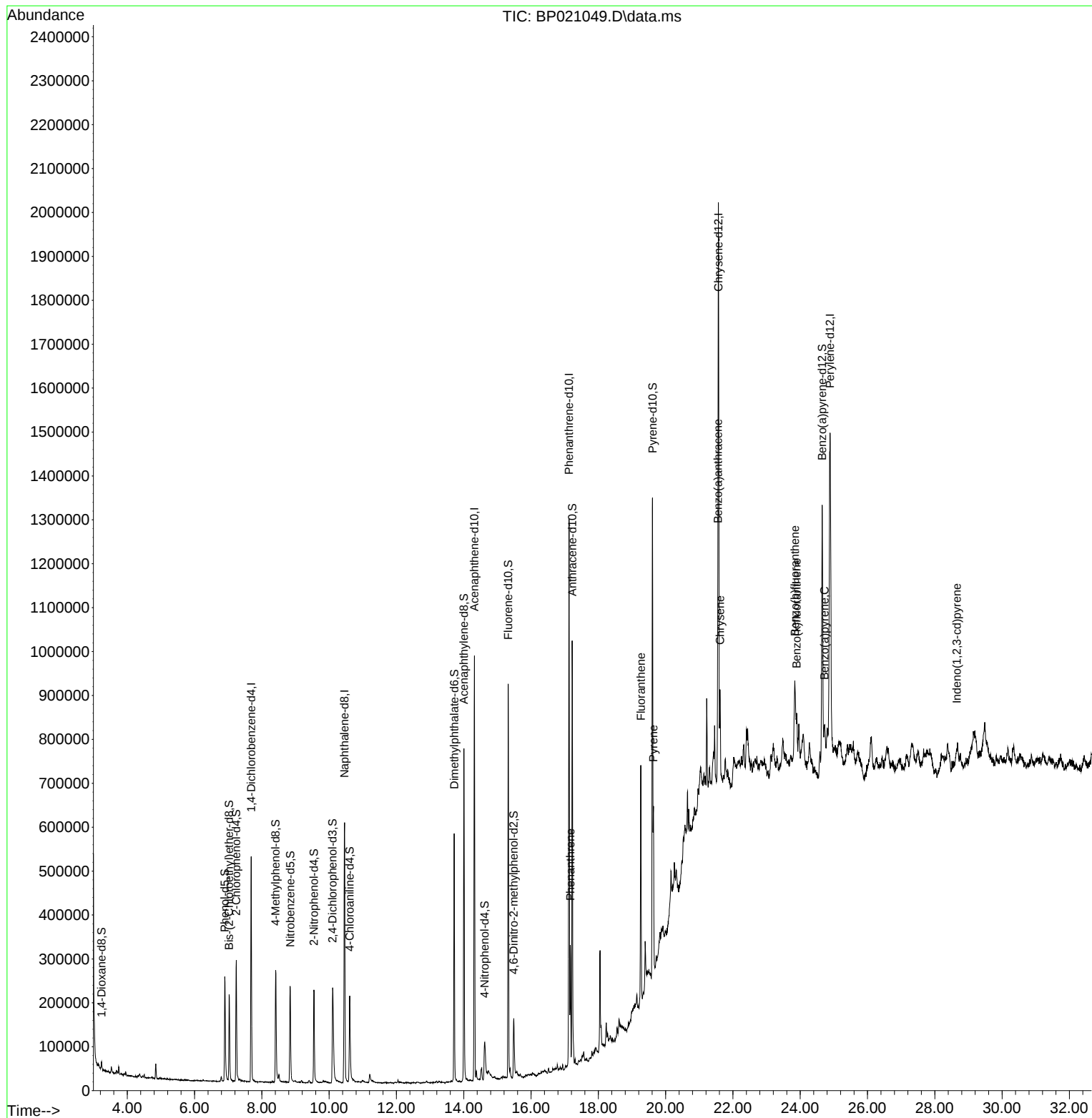
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021049.D
Acq On : 18 Jul 2024 16:53
Operator : MA/JU
Sample : P3201-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

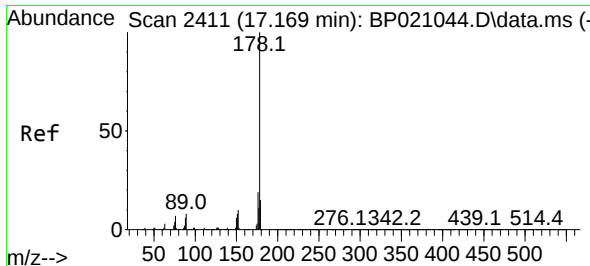
Instrument :
BNA_P
ClientSampleId :
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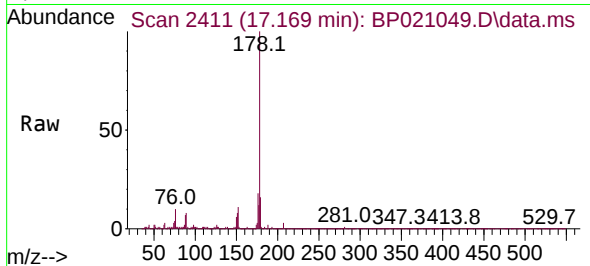
Quant Time: Jul 19 00:19:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.199 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP021049.D
Acq: 18 Jul 2024 16:53

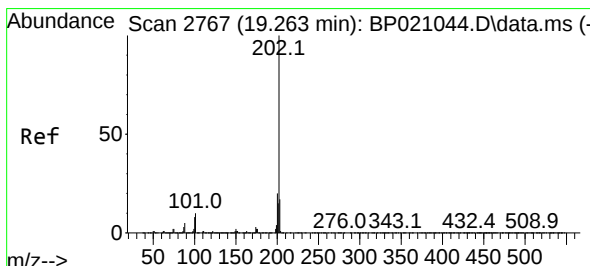
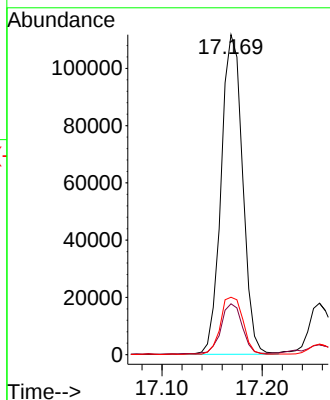
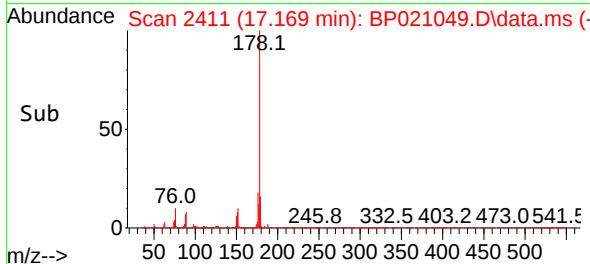
Instrument :
BNA_P
ClientSampleId :
A4CH7



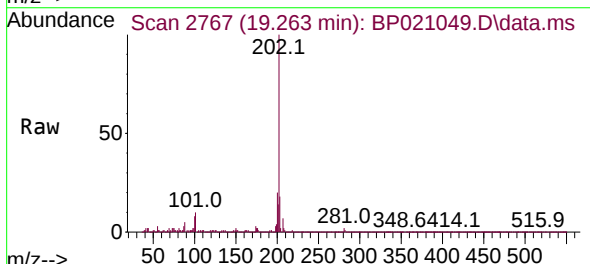
Tgt Ion:178 Resp: 165592
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 18.0 15.0 22.4

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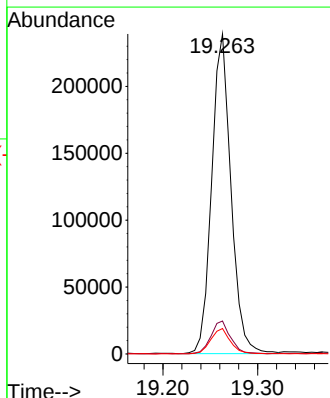
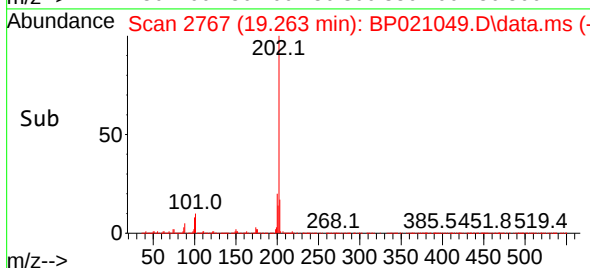
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

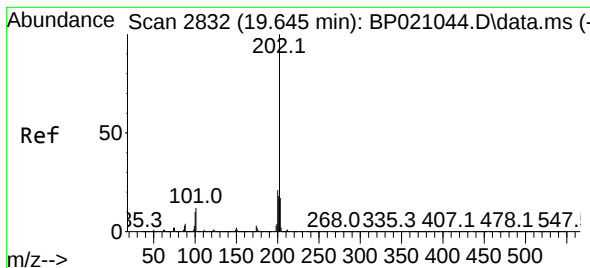


#80
Fluoranthene
Concen: 5.997 ng/ul
RT: 19.263 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP021049.D
Acq: 18 Jul 2024 16:53



Tgt Ion:202 Resp: 337216
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 8.0 6.1 9.1





#82

Pyrene

Concen: 4.119 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021049.D

Acq: 18 Jul 2024 16:53

Instrument :

BNA_P

ClientSampleId :

A4CH7

Tgt Ion:202 Resp: 23568

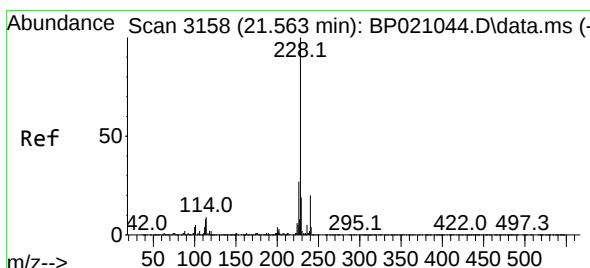
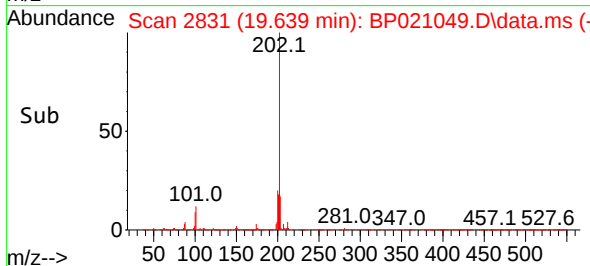
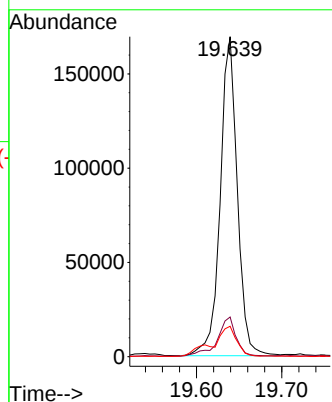
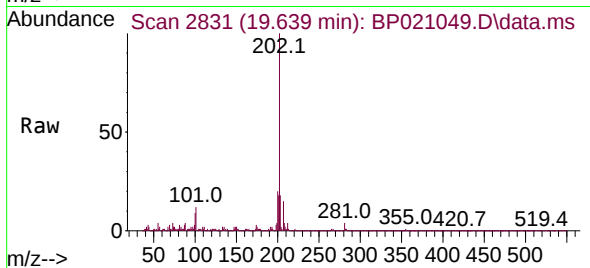
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.4	14.2
100	9.5	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 2.718 ng/ul

RT: 21.551 min Scan# 3156

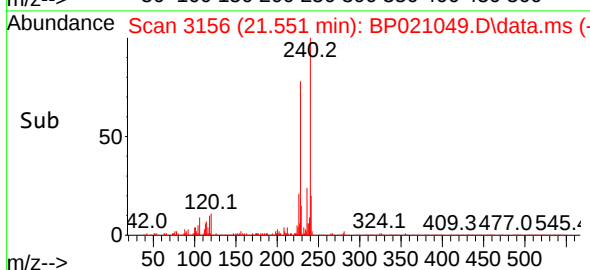
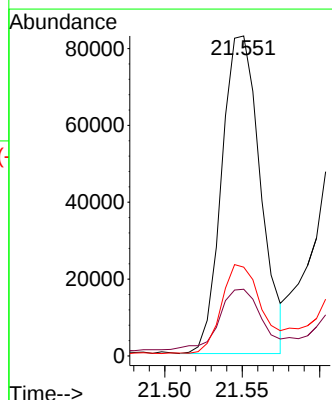
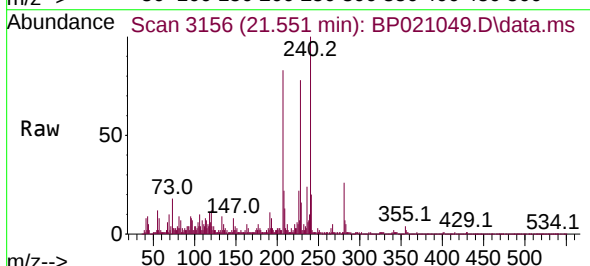
Delta R.T. -0.012 min

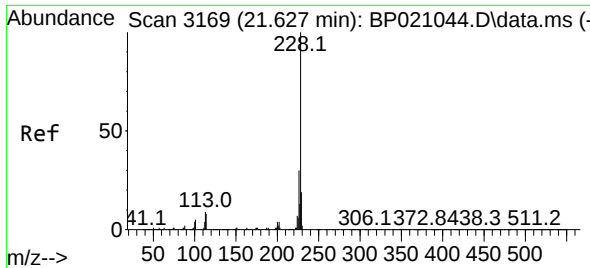
Lab File: BP021049.D

Acq: 18 Jul 2024 16:53

Tgt Ion:228 Resp: 143393

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	27.7	21.4	32.2





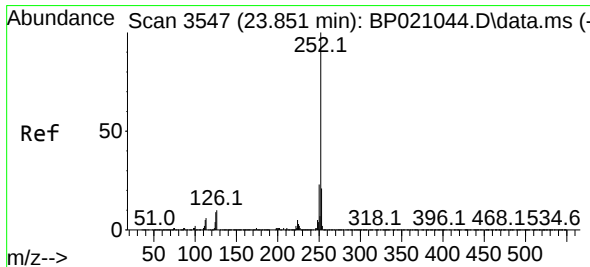
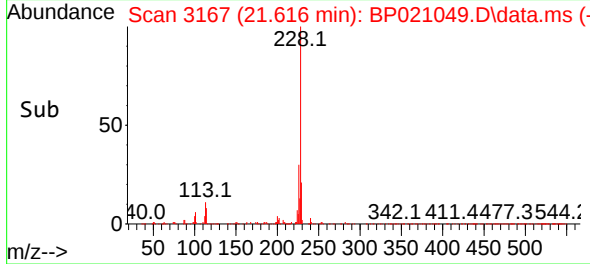
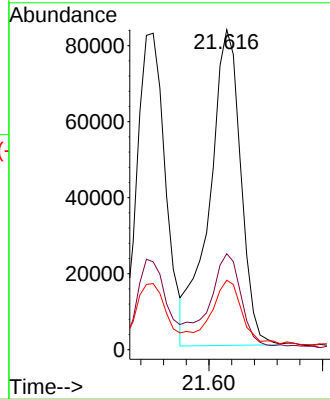
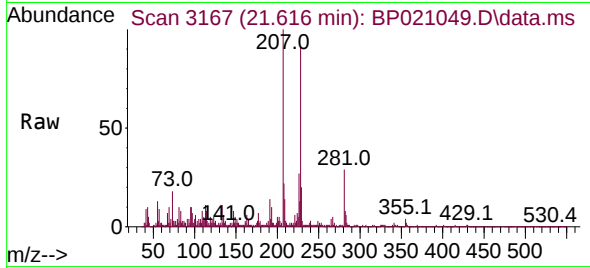
#87
Chrysene
Concen: 3.250 ng/ul
RT: 21.616 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BP021049.D
Acq: 18 Jul 2024 16:53

Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 15932
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.7 15.5 23.3

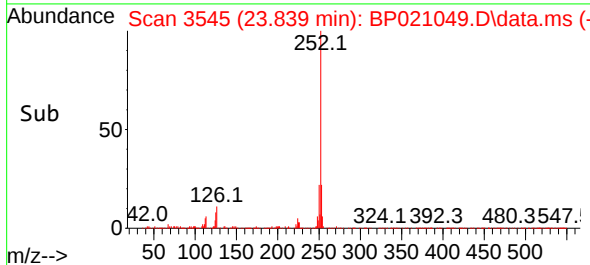
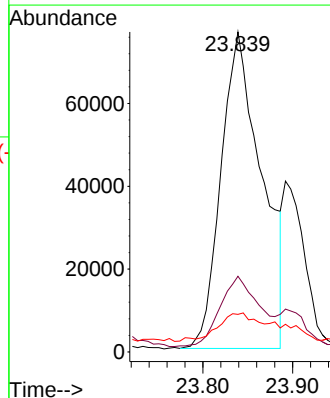
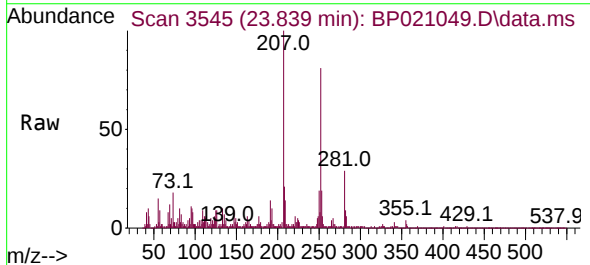
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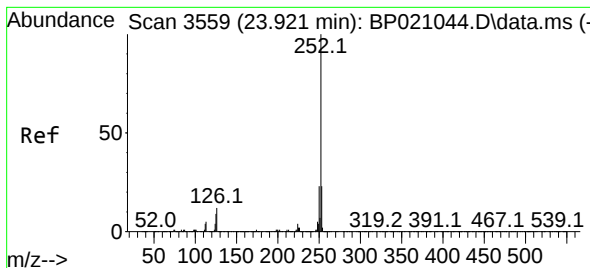
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#90
Benzo(b)fluoranthene
Concen: 4.163 ng/ul
RT: 23.839 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BP021049.D
Acq: 18 Jul 2024 16:53

Tgt Ion:252 Resp: 239992
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 11.7 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 1.074 ng/ul

RT: 23.892 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP021049.D

Acq: 18 Jul 2024 16:53

Instrument :

BNA_P

ClientSampleId :

A4CH7

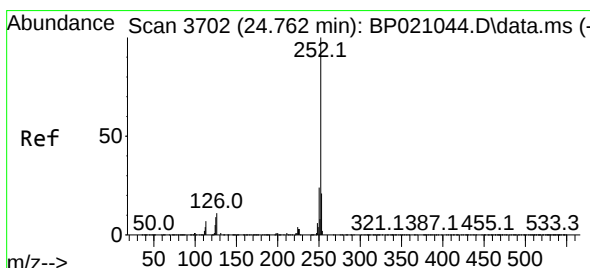
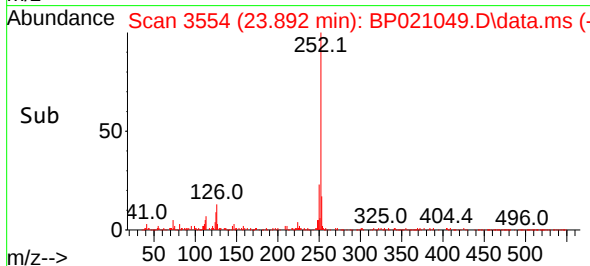
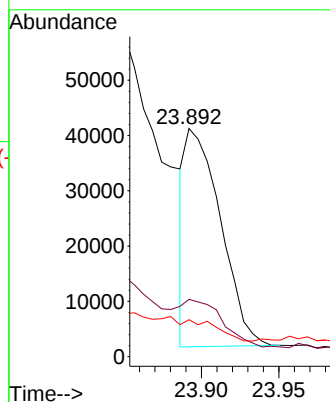
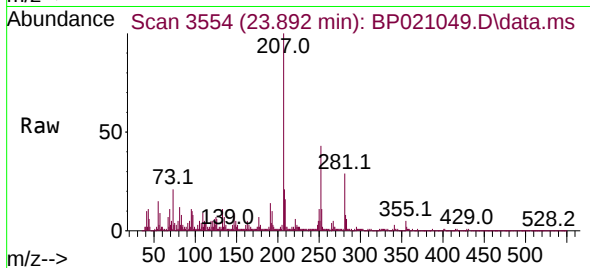
Tgt Ion:	252	Resp:	61794
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.2
125	16.2	7.4	11.0

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.488 ng/ul

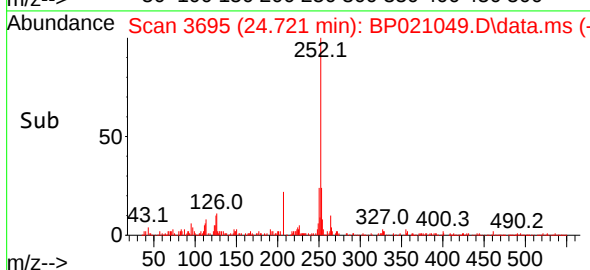
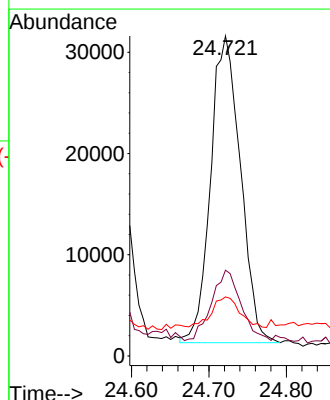
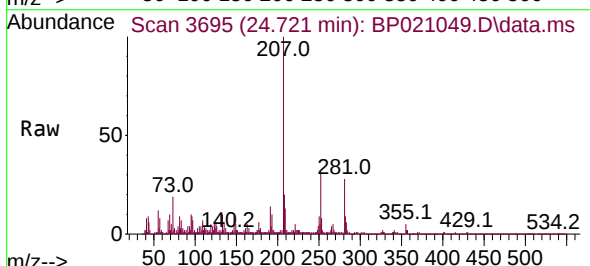
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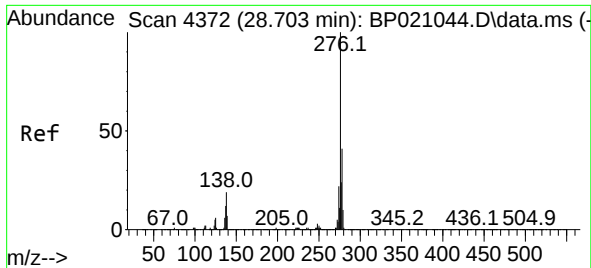
Delta R.T. -0.041 min

Lab File: BP021049.D

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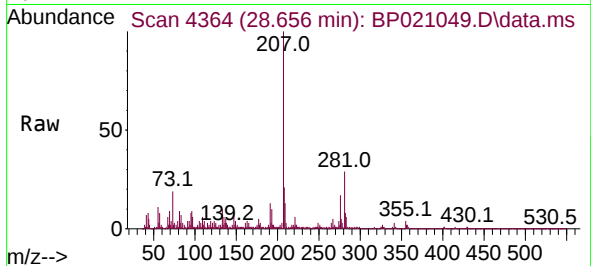
Tgt Ion:	252	Resp:	81040
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.4	26.0#
125	18.5	7.7	11.5#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.316 ng/ul m
 RT: 28.656 min Scan# 4372
 Delta R.T. -0.047 min
 Lab File: BP021049.D
 Acq: 18 Jul 2024 16:53

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 276 Resp: 92384
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.3 21.5
 277 30.5 19.2 28.8

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