

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021099.D
 Acq On : 23 Jul 2024 15:03
 Operator : MA/JU
 Sample : P3238-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 00:38:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	150075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	612816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	400352	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	879377	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	886871	20.000	ng/u1	0.01
88) Perylene-d12	24.904	264	1088911	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9682	2.936	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.875	99	197016	16.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	122004	16.454	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	167999	16.665	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	125923	12.392	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	83265	17.493	ng/u1	0.01
24) 2-Nitrophenol-d4	9.540	143	90612	16.632	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.087	165	161074	16.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	109173	8.366	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	486376	16.712	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	573062	17.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	44706m	10.796	ng/u1	0.02
60) Fluorene-d10	15.322	176	430304	18.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	51961	9.766	ng/u1	0.02
73) Anthracene-d10	17.234	188	647105	16.568	ng/u1	0.01
81) Pyrene-d10	19.616	212	787430	14.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.669	264	649148	12.087	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.175	178	199864	4.381	ng/u1	98
80) Fluoranthene	19.275	202	688296	10.395	ng/u1	99
82) Pyrene	19.651	202	462289	6.861	ng/u1	99
85) Benzo(a)anthracene	21.563	228	298630	4.807	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.469	149	53513	1.325	ng/u1	97
87) Chrysene	21.639	228	372939	6.460	ng/u1	97
90) Benzo(b)fluoranthene	23.851	252	566696	8.576	ng/u1	97
91) Benzo(k)fluoranthene	23.910	252	188042m	2.851	ng/u1	
93) Benzo(a)pyrene	24.751	252	184792	2.959	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.686	276	215663m	2.680	ng/u1	
95) Dibenzo(a,h)anthracene	28.733	278	72814m	1.093	ng/u1	

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

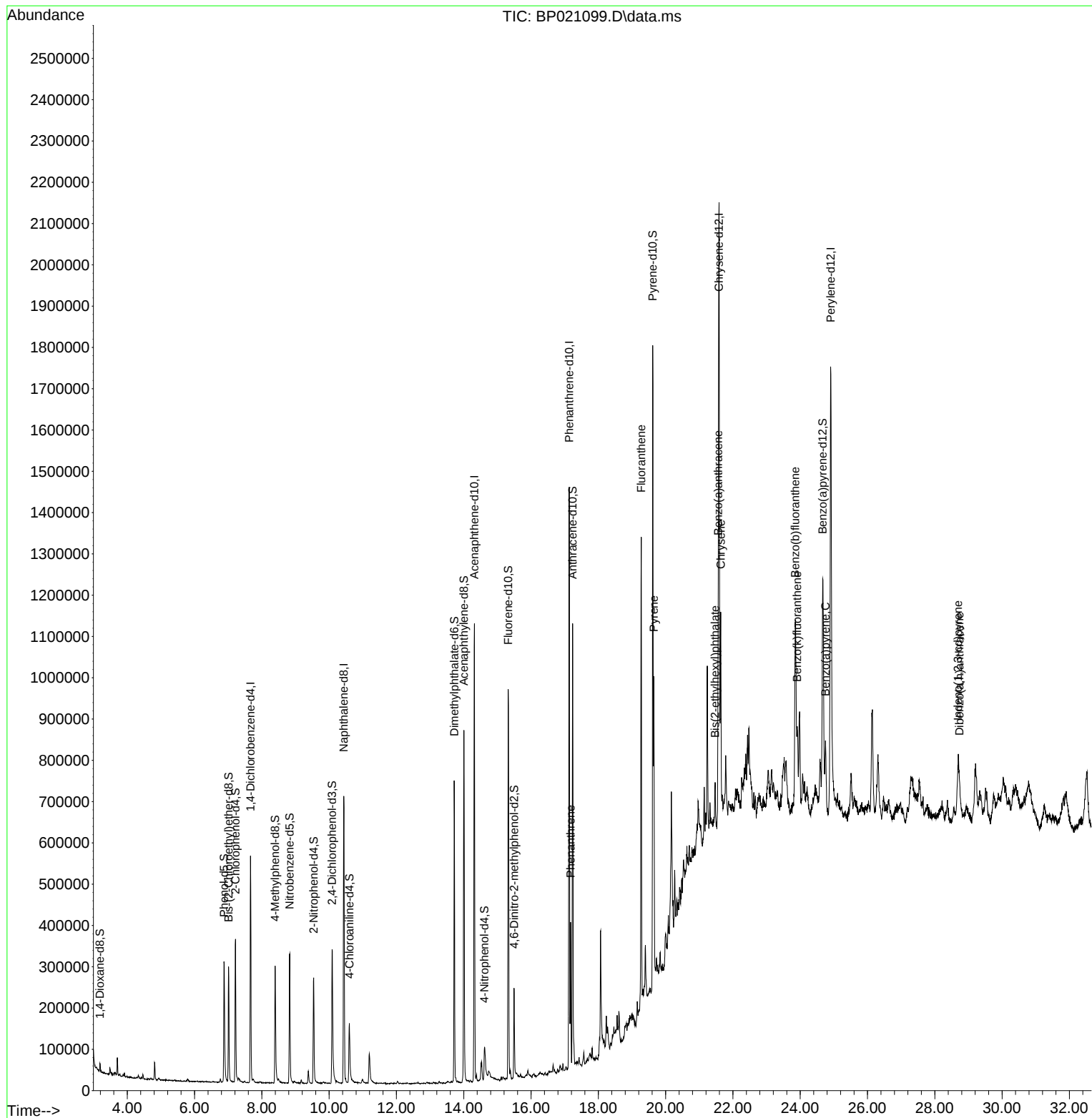
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021099.D
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 Operator : MA/JU
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 ALS Vial : 6 Sample Multiplier: 1

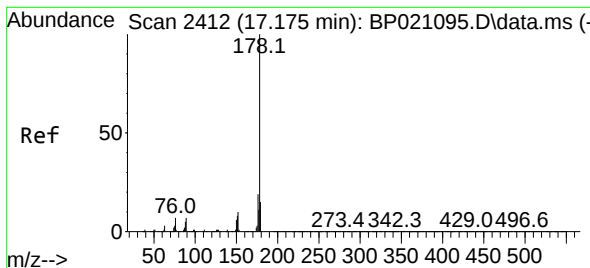
Instrument :
 BNA_P
 ClientSampleId :
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 Supervised By :mohammad ahmed 07/25/2024

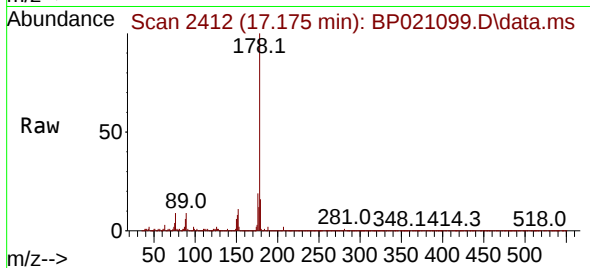
Quant Time: Jul 24 00:38:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 4.381 ng/ul
RT: 17.175 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

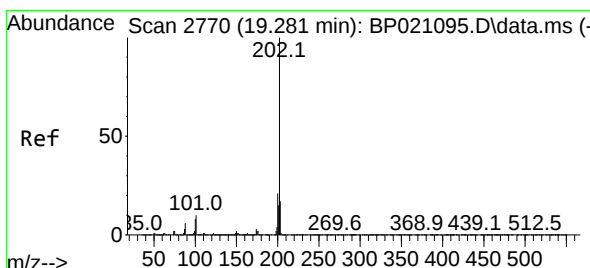
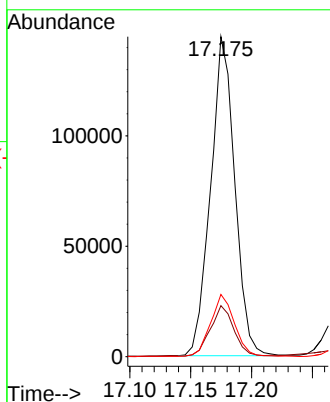
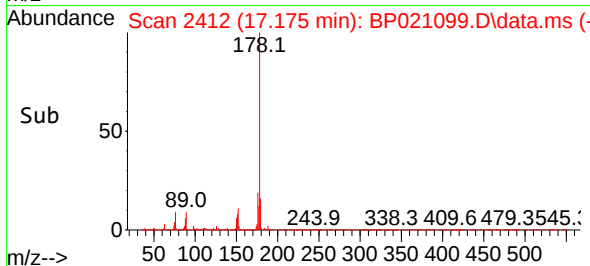
Instrument :
BNA_P
ClientSampleId :
A4BF4



Tgt Ion:178 Resp: 199864
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.5 15.0 22.4

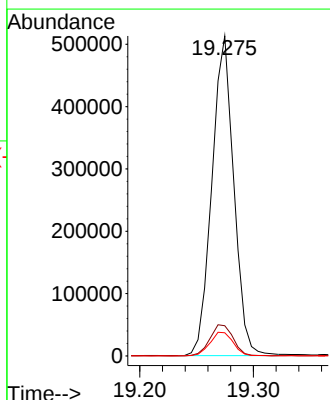
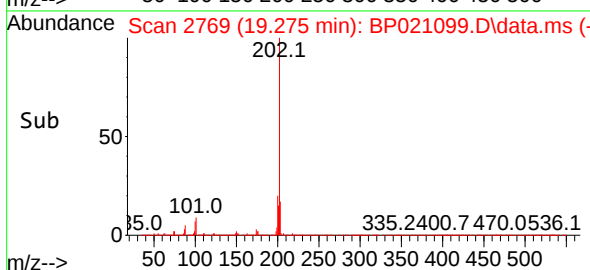
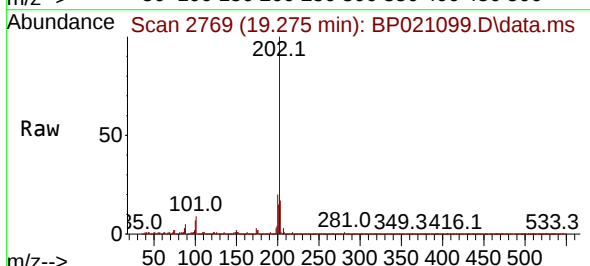
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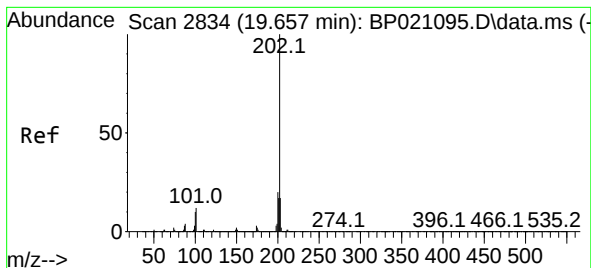
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#80
Fluoranthene
Concen: 10.395 ng/ul
RT: 19.275 min Scan# 2769
Delta R.T. 0.012 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

Tgt Ion:202 Resp: 688296
Ion Ratio Lower Upper
202 100
101 9.5 8.0 12.0
100 7.2 6.1 9.1





#82

Pyrene

Concen: 6.861 ng/ul

RT: 19.651 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021099.D

Acq: 23 Jul 2024 15:03

Instrument :

BNA_P

ClientSampleId :

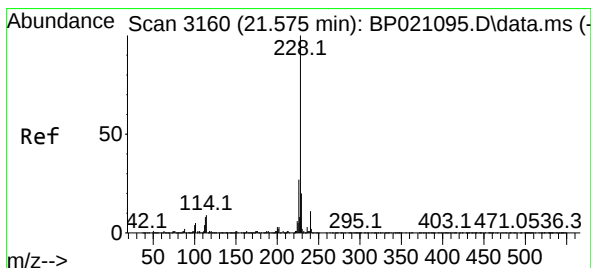
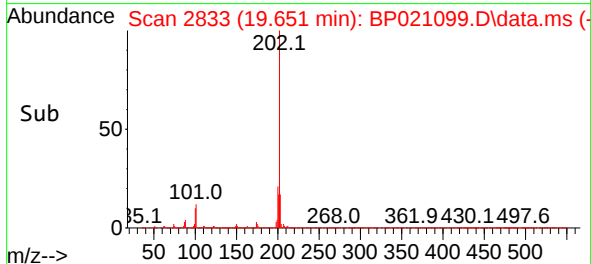
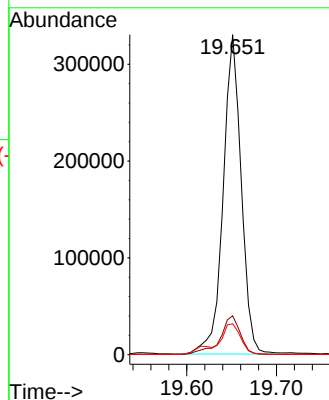
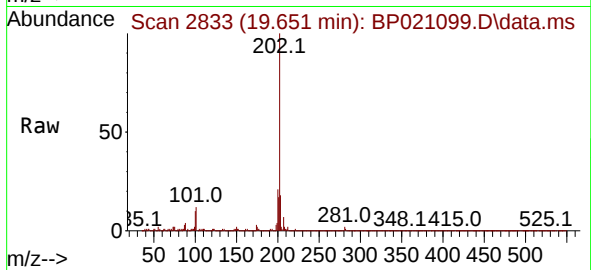
A4BF4

Tgt Ion:	202	Resp:	462289
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.4	14.2
100	9.6	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 4.807 ng/ul

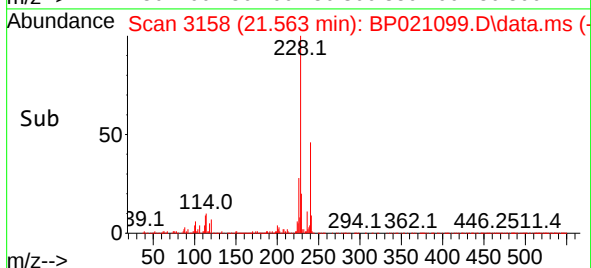
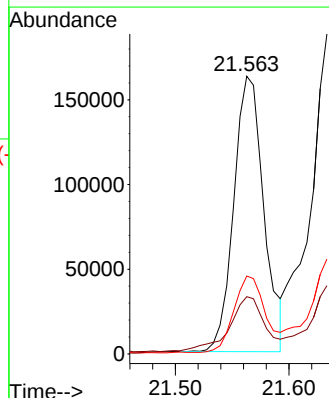
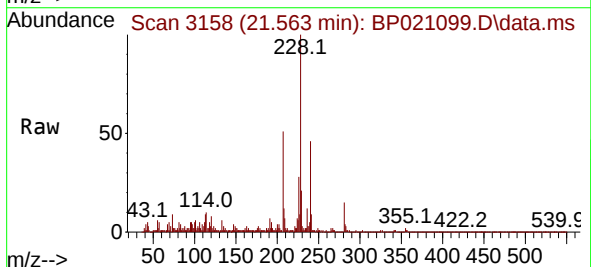
RT: 21.563 min Scan# 3158

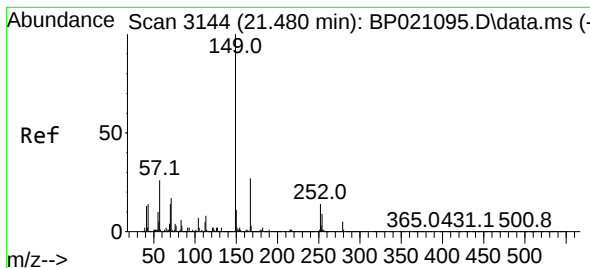
Delta R.T. 0.012 min

Lab File: BP021099.D

Acq: 23 Jul 2024 15:03

Tgt Ion:	228	Resp:	298630
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.5	23.3
226	28.1	21.4	32.2





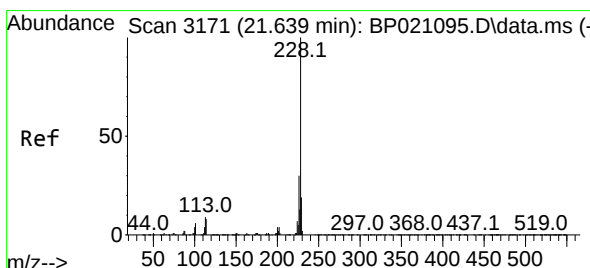
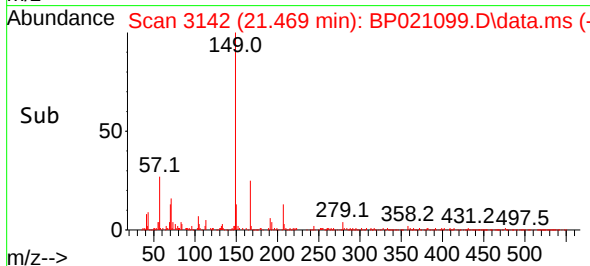
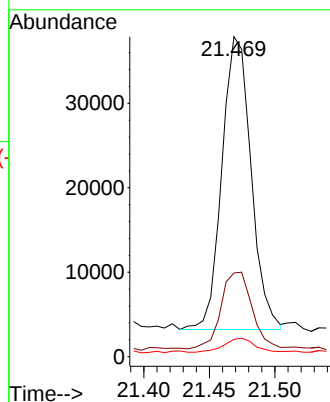
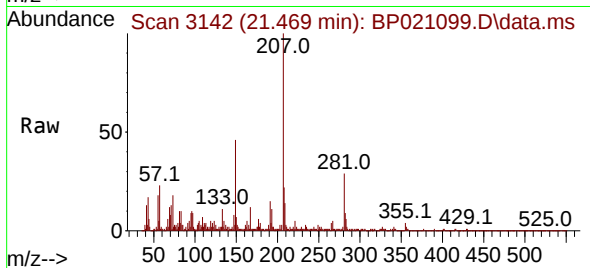
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.325 ng/ul
RT: 21.469 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:149 Resp: 5351
Ion Ratio Lower Upper
149 100
167 26.2 22.1 33.1
279 5.4 3.7 5.5

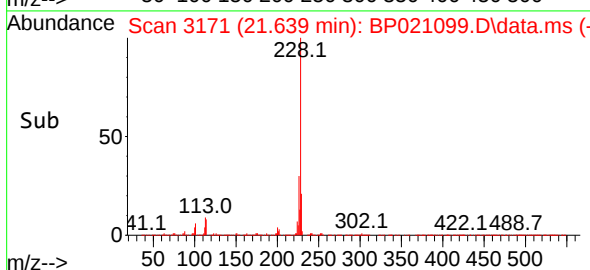
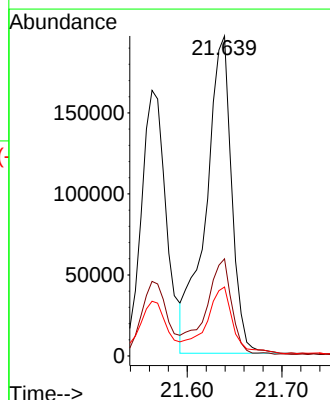
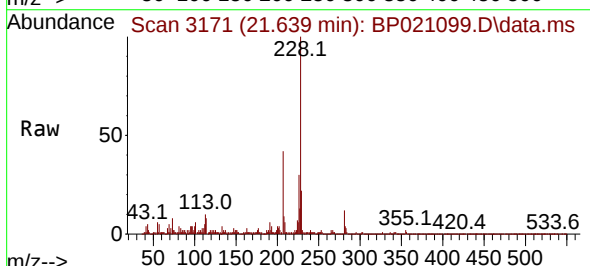
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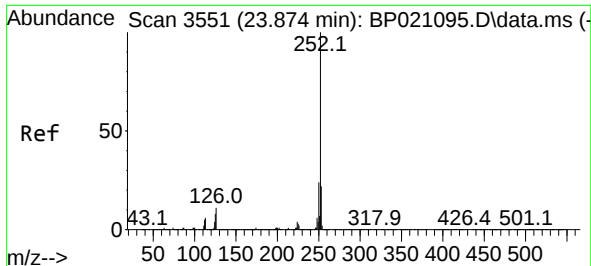
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 6.460 ng/ul
RT: 21.639 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

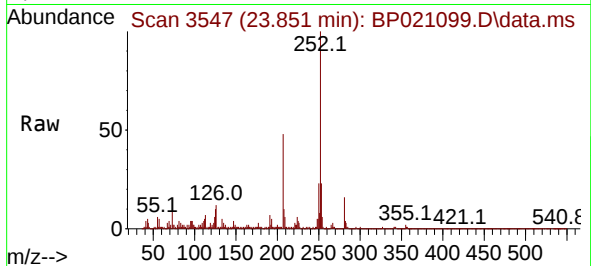
Tgt Ion:228 Resp: 372939
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.576 ng/ul
RT: 23.851 min Scan# 3547
Delta R.T. -0.006 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

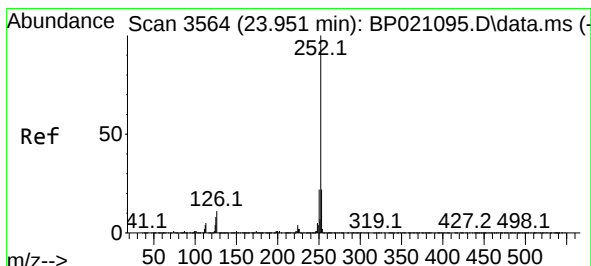
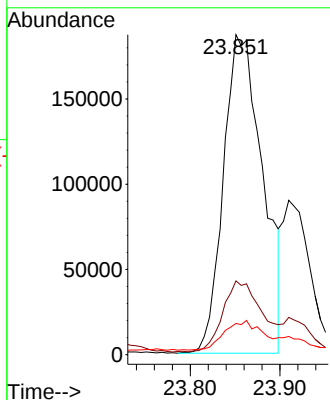
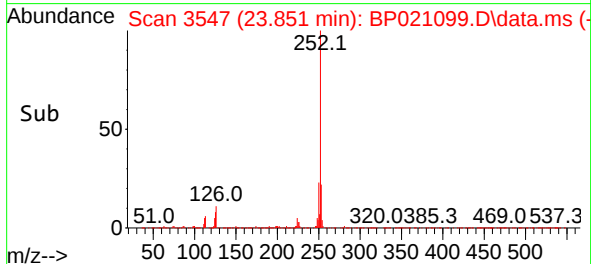
Instrument :
BNA_P
ClientSampleId :
A4BF4



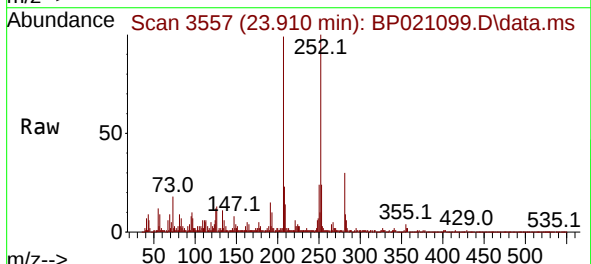
Tgt Ion:252 Resp: 566690
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 9.8 7.0 10.4

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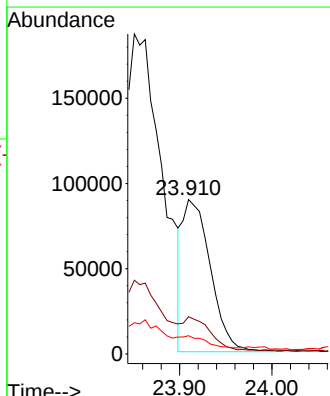
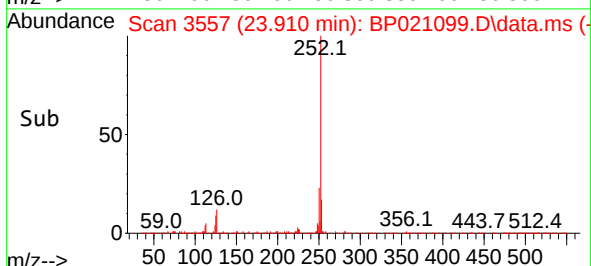
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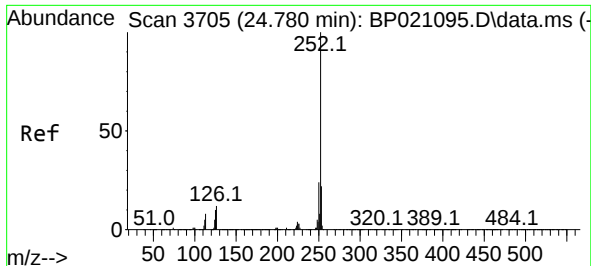


#91
Benzo(k)fluoranthene
Concen: 2.851 ng/ul m
RT: 23.910 min Scan# 3557
Delta R.T. -0.012 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03



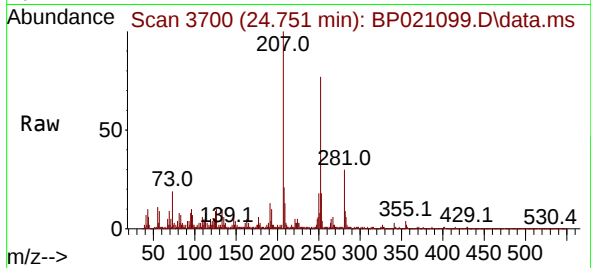
Tgt Ion:252 Resp: 188042
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 11.9 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 2.959 ng/ul
RT: 24.751 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

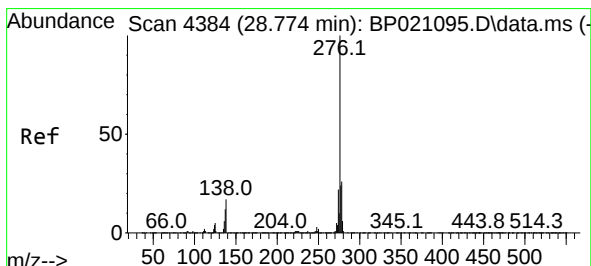
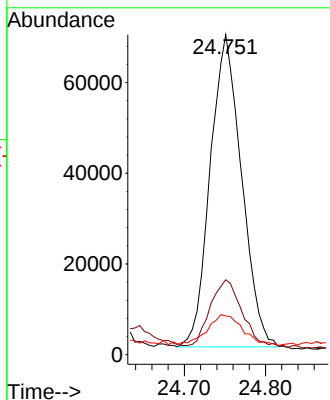
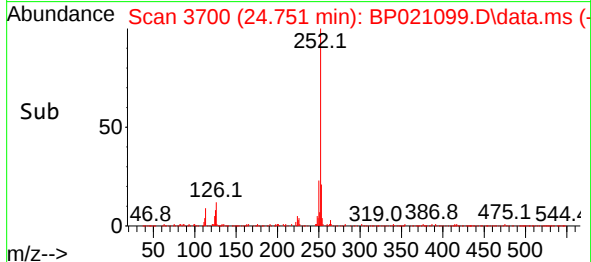
Instrument :
BNA_P
ClientSampleId :
A4BF4



Tgt Ion:252 Resp: 184792
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 12.1 7.7 11.5

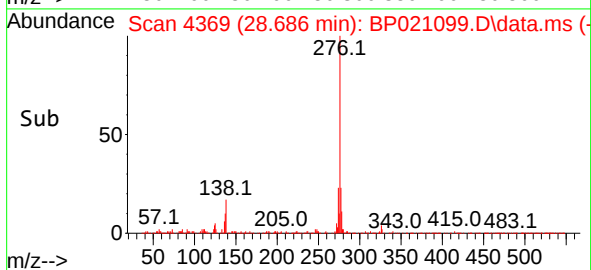
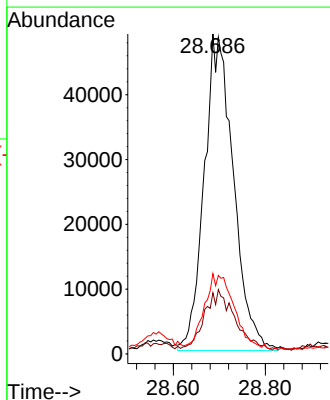
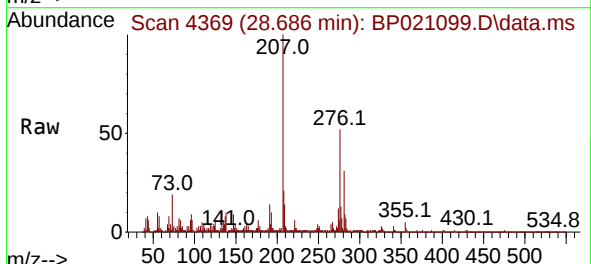
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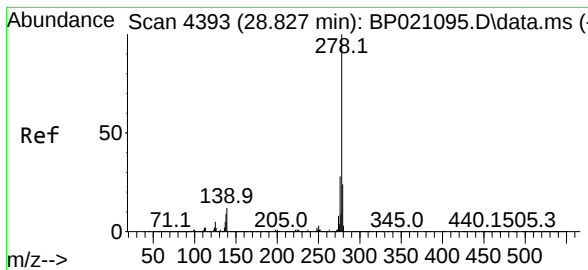
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.680 ng/ul m
RT: 28.686 min Scan# 4369
Delta R.T. 0.000 min
Lab File: BP021099.D
Acq: 23 Jul 2024 15:03

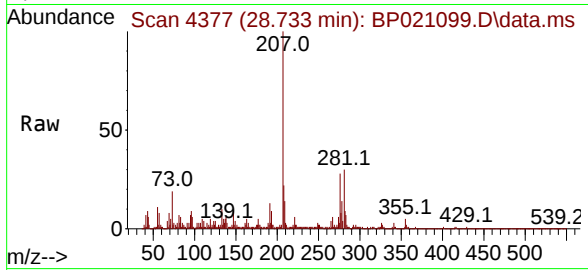
Tgt Ion:276 Resp: 215663
Ion Ratio Lower Upper
276 100
138 19.1 14.3 21.5
277 25.1 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.093 ng/ul m
 RT: 28.733 min Scan# 4393
 Delta R.T. -0.029 min
 Lab File: BP021099.D
 Acq: 23 Jul 2024 15:03

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 278 Resp: 72814
 Ion Ratio Lower Upper
 278 100
 139 22.3 10.9 16.3
 279 31.1 19.4 29.0

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