

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021022.D
 Acq On : 17 Jul 2024 18:07
 Operator : MA/JU
 Sample : P3215-23
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 01:23:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	166518	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	714177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	497983	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.116	188	1098469	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1001736	20.000	ng/u1	0.02
88) Perylene-d12	24.874	264	1170824	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9701	2.651	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.899	99	231353	17.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	137405	16.701	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	188861	16.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	196405	17.419	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	91630	16.519	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	108256	17.051	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	197039	17.163	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	67169m	4.416	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	685352	18.932	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	769503	18.931	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	91790	17.821	ng/u1	0.02
60) Fluorene-d10	15.322	176	594787	20.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	86229	12.974	ng/u1	0.02
73) Anthracene-d10	17.228	188	944045	19.350	ng/u1	0.00
81) Pyrene-d10	19.610	212	976468	15.767	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.639	264	773788	13.400	ng/u1	0.04
Target Compounds					Qvalue	
6) Benzaldehyde	6.864	77	8942	1.307	ng/u1	96
72) Phenanthrene	17.163	178	453460	7.958	ng/u1	100
74) Anthracene	17.269	178	93127	1.603	ng/u1	100
80) Fluoranthene	19.263	202	832958	11.137	ng/u1	99
82) Pyrene	19.639	202	645741	8.485	ng/u1	100
85) Benzo(a)anthracene	21.551	228	412855	5.883	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.463	149	64289	1.409	ng/u1	97
87) Chrysene	21.622	228	440745	6.759	ng/u1	98
90) Benzo(b)fluoranthene	23.822	252	598339	8.421	ng/u1#	94
91) Benzo(k)fluoranthene	23.886	252	192472	2.714	ng/u1#	94
93) Benzo(a)pyrene	24.716	252	225829	3.363	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.639	276	216513	2.502	ng/u1	97
95) Dibenzo(a,h)anthracene	28.680	278	77027m	1.075	ng/u1	

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

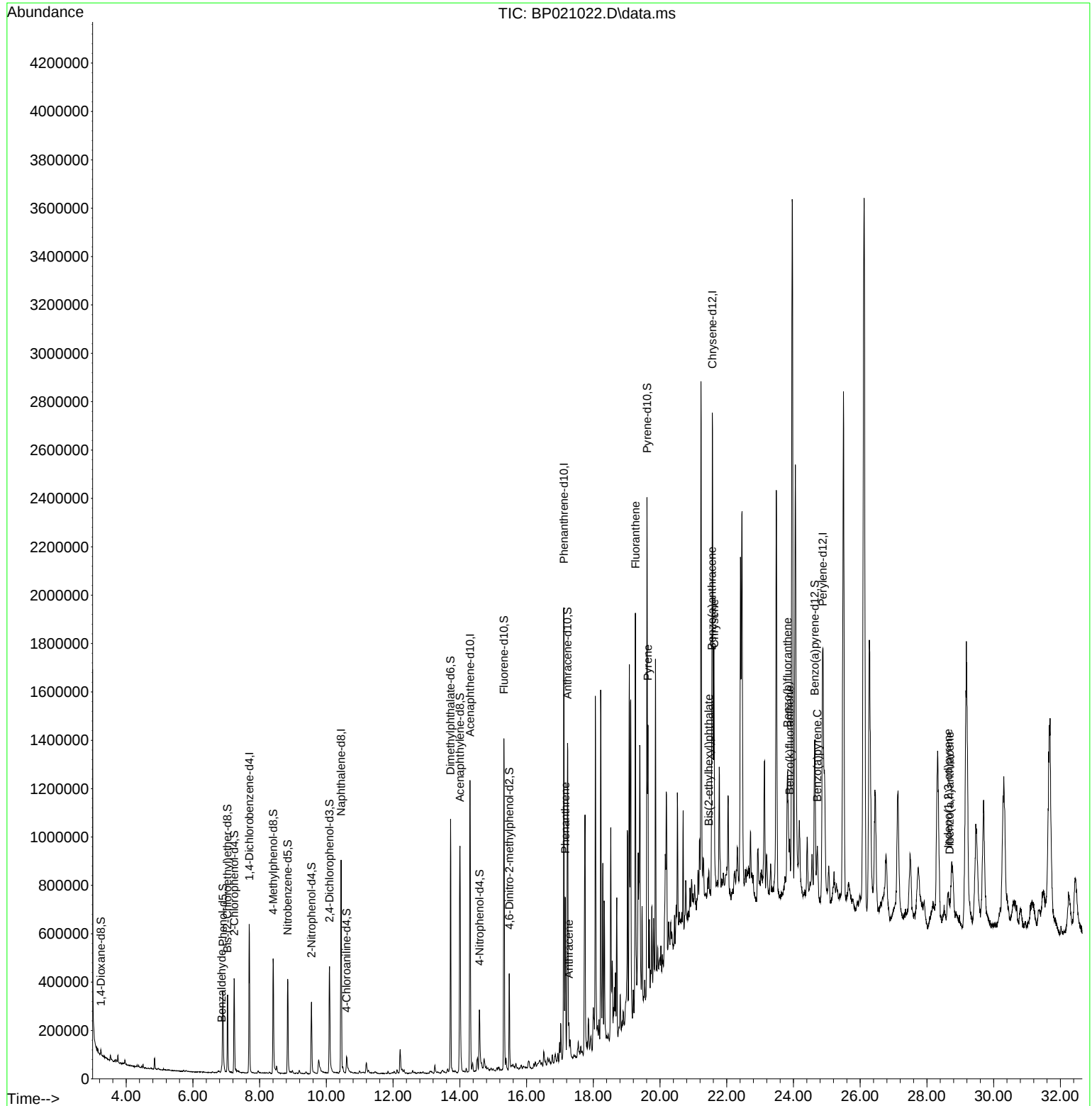
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021022.D
Acq On : 17 Jul 2024 18:07
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

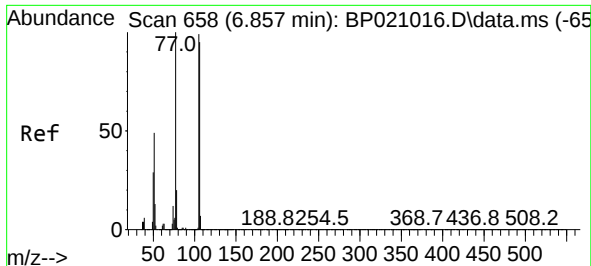
Instrument :
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ClientSampleId :
A4CJ8

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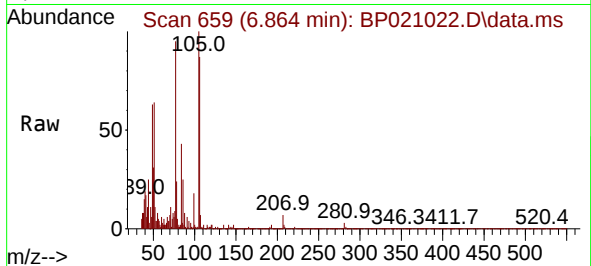
Quant Time: Jul 18 01:23:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.307 ng/ul
RT: 6.864 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07

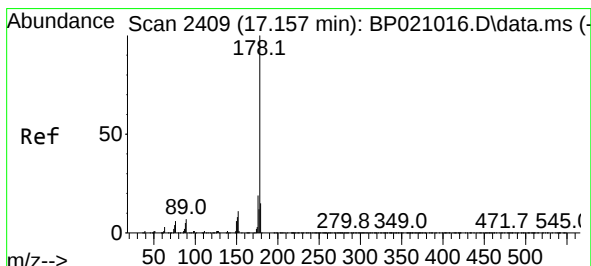
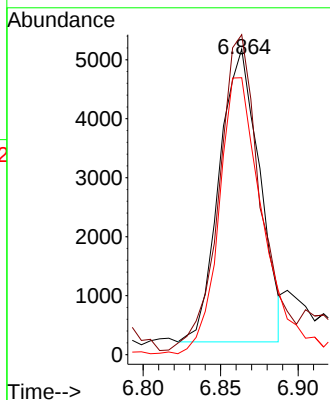
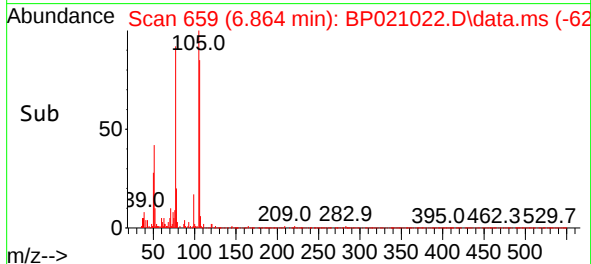
Instrument :
BNA_P
ClientSampleId :
A4CJ8



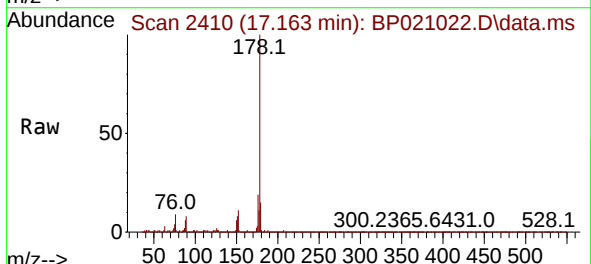
Tgt Ion: 77 Resp: 894
Ion Ratio Lower Upper
77 100
105 104.7 79.3 118.9
106 90.6 74.6 112.0

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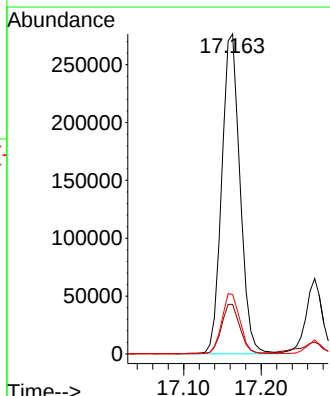
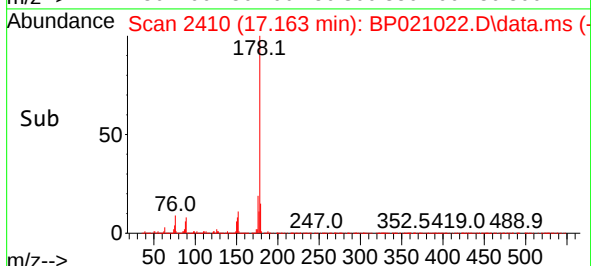
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

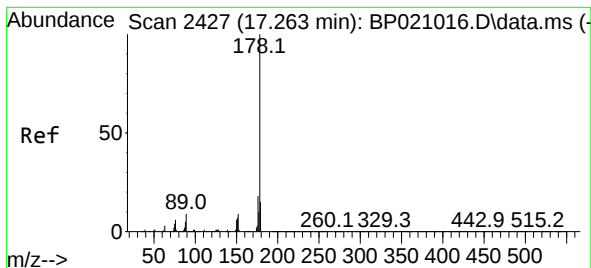


#72
Phenanthrene
Concen: 7.958 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07



Tgt Ion:178 Resp: 453460
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.6 15.0 22.4





#74

Anthracene

Concen: 1.603 ng/ul

RT: 17.269 min Scan# 2427

Delta R.T. 0.012 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

Instrument :

BNA_P

ClientSampleId :

A4CJ8

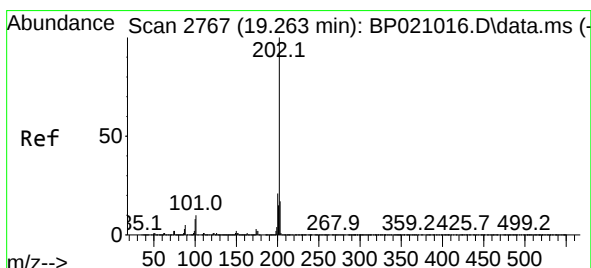
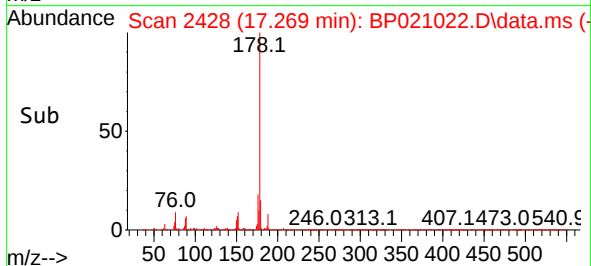
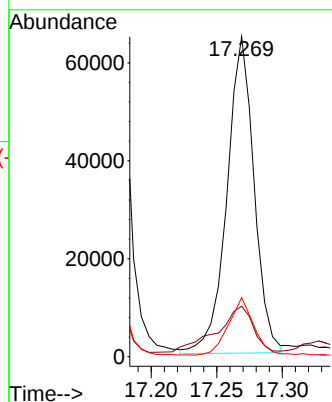
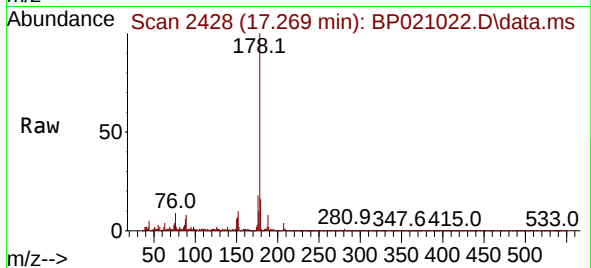
Tgt Ion:178	Resp:	9312
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.5 18.7
176	18.4	14.8 22.2

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#80

Fluoranthene

Concen: 11.137 ng/ul

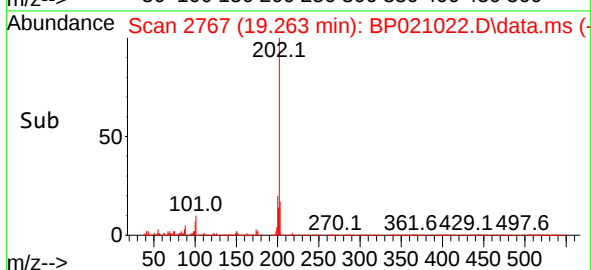
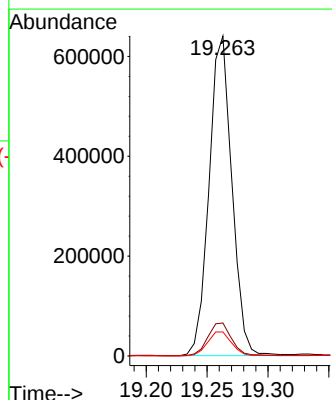
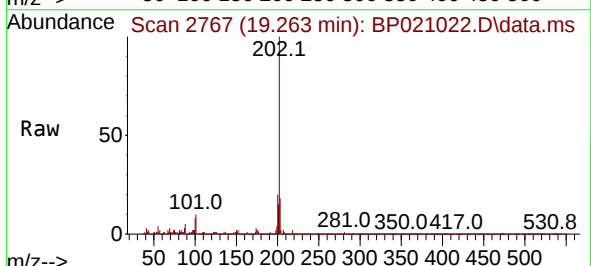
RT: 19.263 min Scan# 2767

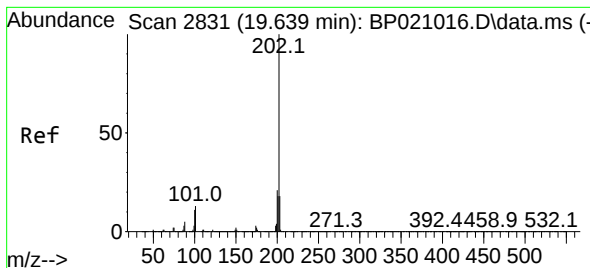
Delta R.T. 0.012 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

Tgt Ion:202	Resp:	832958
Ion Ratio	Lower	Upper
202	100	
101	10.3	8.0 12.0
100	7.5	6.1 9.1





#82

Pyrene

Concen: 8.485 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

Instrument :

BNA_P

ClientSampleId :

A4CJ8

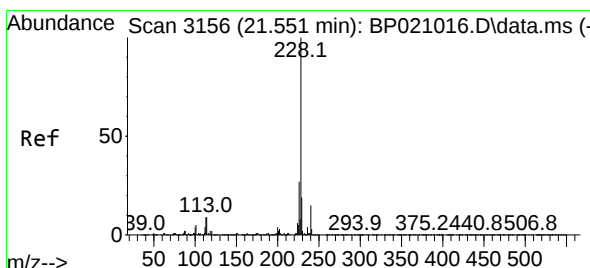
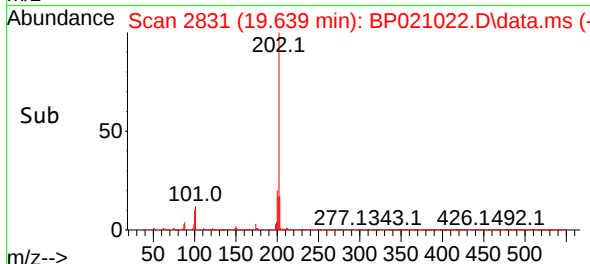
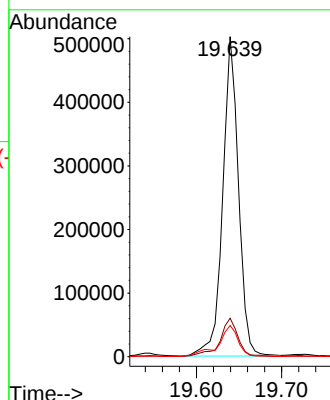
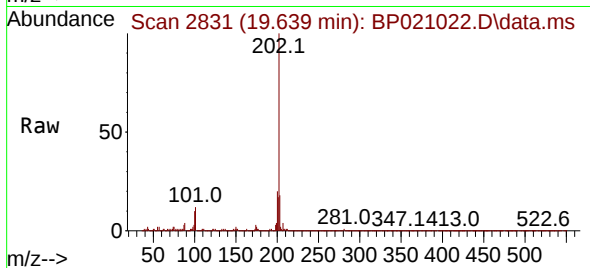
Tgt Ion:	202	Resp:	64574
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.4	14.2
100	9.8	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 5.883 ng/ul

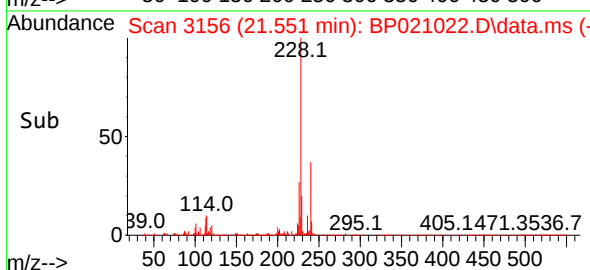
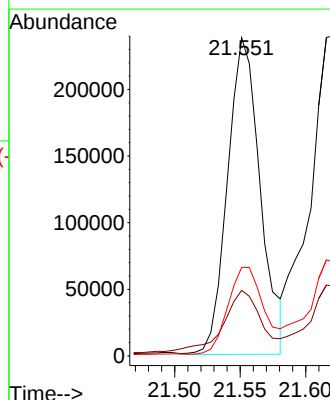
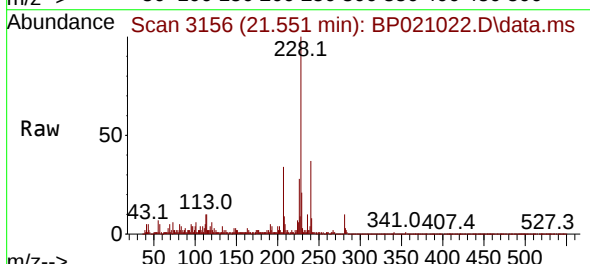
RT: 21.551 min Scan# 3156

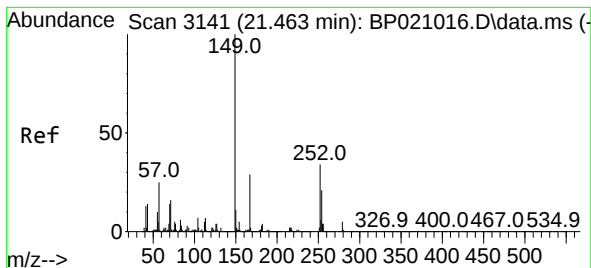
Delta R.T. 0.018 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

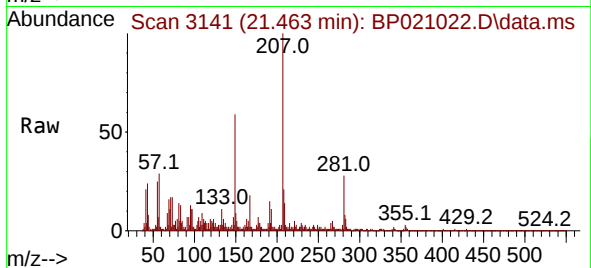
Tgt Ion:	228	Resp:	412855
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.5	23.3
226	27.9	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.409 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. 0.018 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07

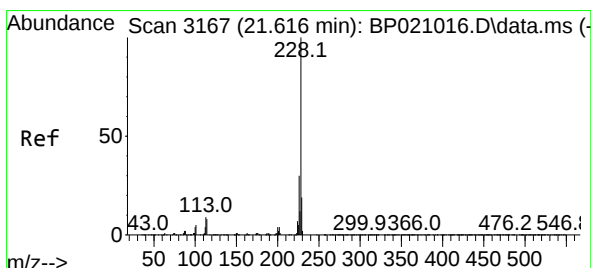
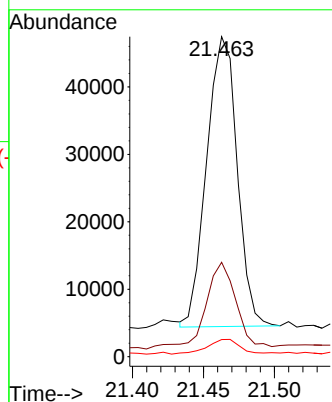
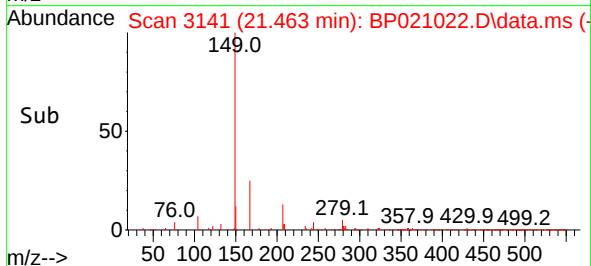
Instrument :
BNA_P
ClientSampleId :
A4CJ8



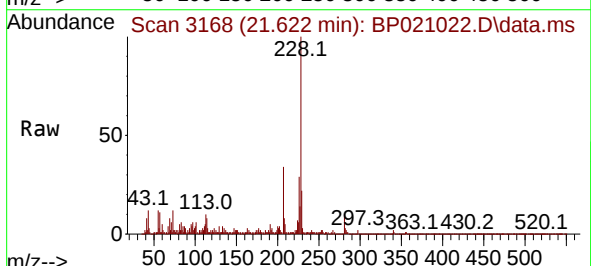
Tgt Ion:149 Resp: 64289
Ion Ratio Lower Upper
149 100
167 29.5 22.1 33.1
279 5.4 3.7 5.5

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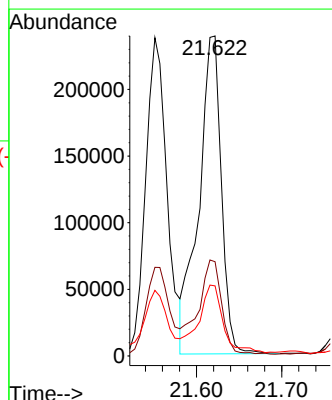
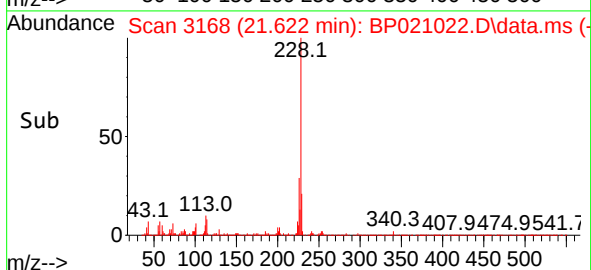
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

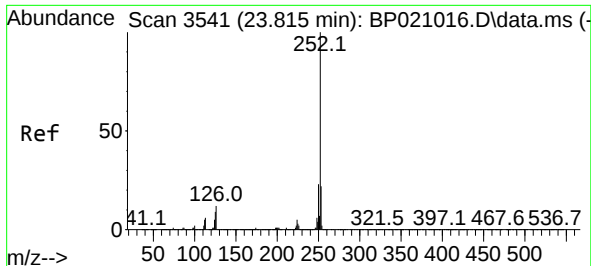


#87
Chrysene
Concen: 6.759 ng/ul
RT: 21.622 min Scan# 3168
Delta R.T. 0.024 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07



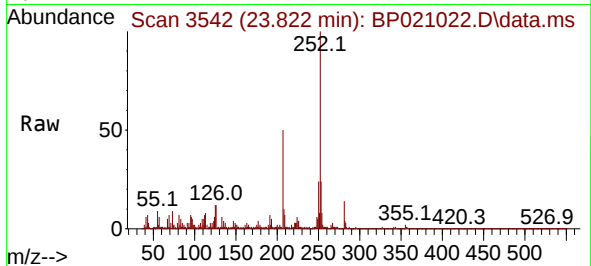
Tgt Ion:228 Resp: 440745
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 21.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.421 ng/ul
RT: 23.822 min Scan# 3542
Delta R.T. 0.041 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07

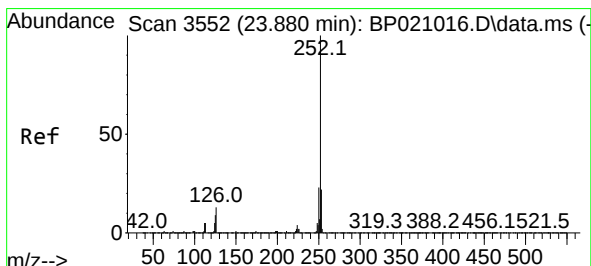
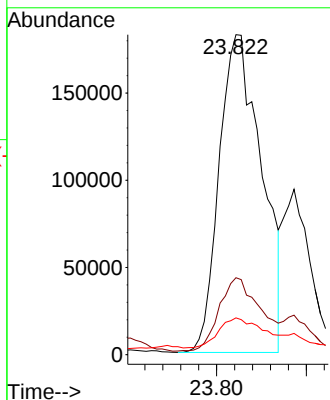
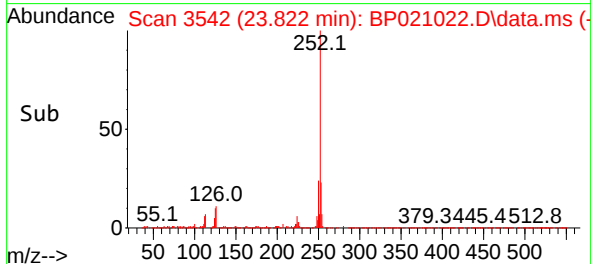
Instrument :
BNA_P
ClientSampleId :
A4CJ8



Tgt Ion:252 Resp: 598339
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 11.5 7.0 10.4

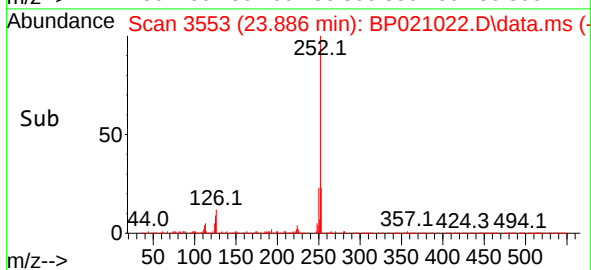
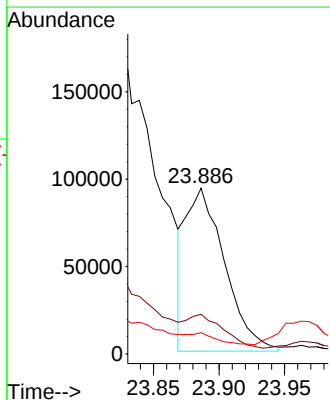
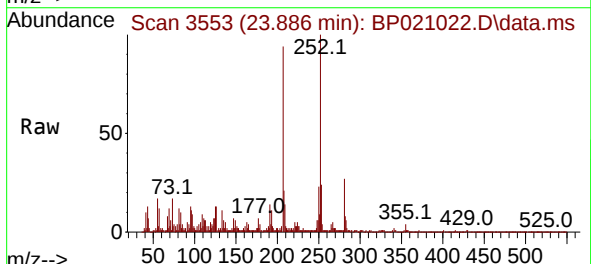
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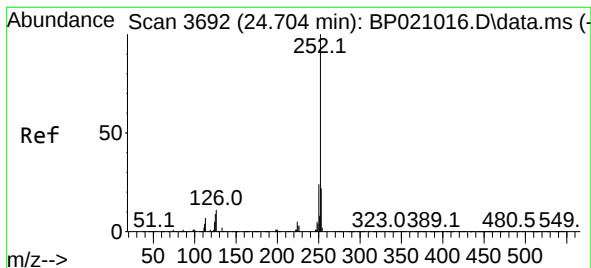
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#91
Benzo(k)fluoranthene
Concen: 2.714 ng/ul
RT: 23.886 min Scan# 3553
Delta R.T. 0.035 min
Lab File: BP021022.D
Acq: 17 Jul 2024 18:07

Tgt Ion:252 Resp: 192472
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 12.9 7.4 11.0





#93

Benzo(a)pyrene

Concen: 3.363 ng/ul

RT: 24.716 min Scan# 30

Delta R.T. 0.047 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

Instrument :

BNA_P

ClientSampleId :

A4CJ8

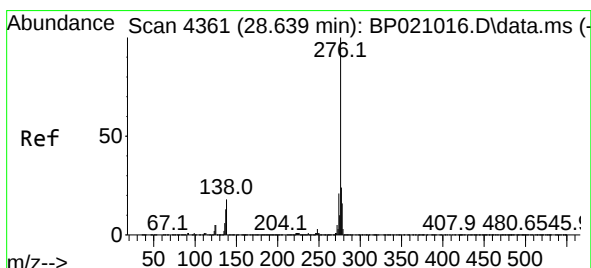
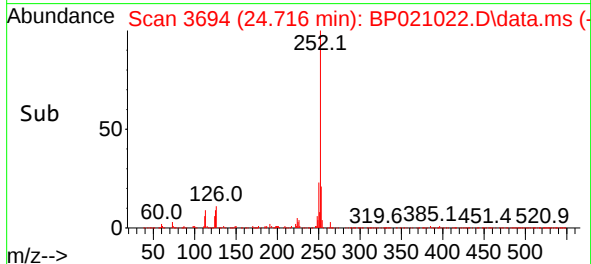
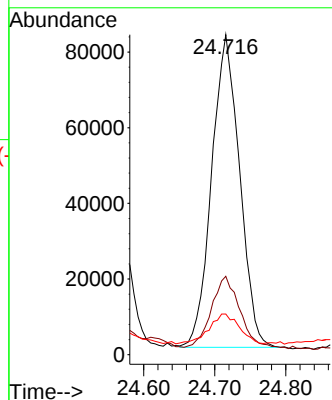
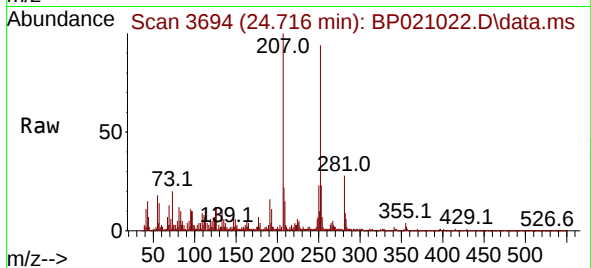
Tgt Ion:	252	Resp:	225829
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.0
125	12.7	7.7	11.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.502 ng/ul

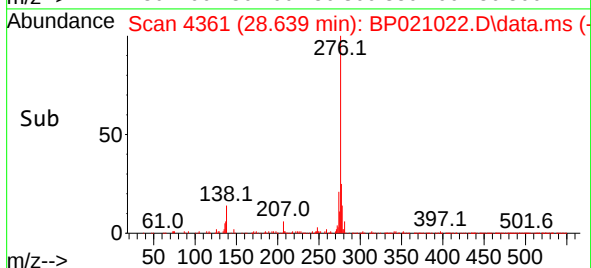
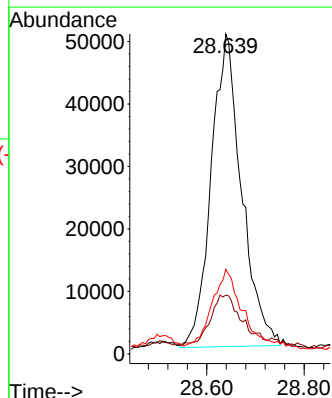
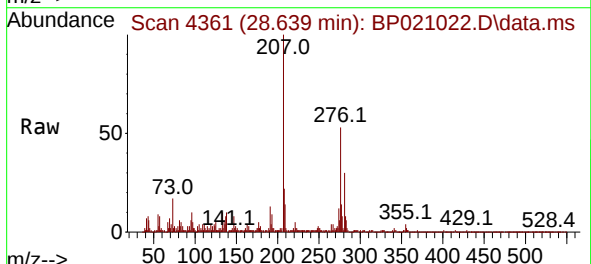
RT: 28.639 min Scan# 4361

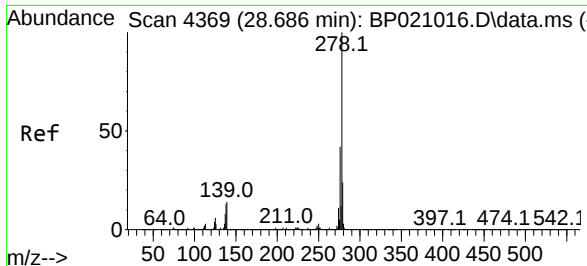
Delta R.T. 0.065 min

Lab File: BP021022.D

Acq: 17 Jul 2024 18:07

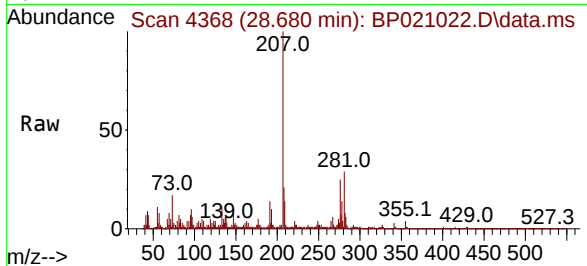
Tgt Ion:	276	Resp:	216513
Ion Ratio	Lower	Upper	
276	100		
138	18.4	14.3	21.5
277	26.5	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.075 ng/ul m
 RT: 28.680 min Scan# 41
 Delta R.T. 0.047 min
 Lab File: BP021022.D
 Acq: 17 Jul 2024 18:07

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ8



Tgt Ion:278 Resp: 7702
 Ion Ratio Lower Upper
 278 100
 139 21.5 10.9 16.3
 279 30.3 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

