

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021026.D
 Acq On : 17 Jul 2024 21:04
 Operator : MA/JU
 Sample : P3215-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ6

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 22:55:40 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	7.681	152	123498	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	498491	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	329660	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	766539	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	824938	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	970786	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10333	3.807	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.893	99	194152	19.283	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	115408	18.914	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	163808	19.747	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	144858	17.323	ng/u1	0.01
21) Nitrobenzene-d5	8.834	128	74784	19.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	87011	19.634	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	149462	18.652	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	170998	16.108	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	495316	20.669	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	561670	20.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	72517m	21.268	ng/u1	0.01
60) Fluorene-d10	15.322	176	446679	22.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	65459	14.114	ng/u1	0.00
73) Anthracene-d10	17.222	188	766025	22.500	ng/u1	0.00
81) Pyrene-d10	19.604	212	909875	17.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	743865	15.536	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.163	178	284132	7.145	ng/u1	99
74) Anthracene	17.257	178	58969	1.455	ng/u1	98
80) Fluoranthene	19.251	202	464020	7.534	ng/u1	98
82) Pyrene	19.633	202	392605	6.264	ng/u1	100
85) Benzo(a)anthracene	21.539	228	235255	4.071	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	62274	1.657	ng/u1	98
87) Chrysene	21.604	228	218858	4.076	ng/u1	98
90) Benzo(b)fluoranthene	23.815	252	280541m	4.762	ng/u1	
91) Benzo(k)fluoranthene	23.868	252	93813	1.596	ng/u1#	92
93) Benzo(a)pyrene	24.704	252	119068	2.139	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.598	276	101190m	1.411	ng/u1	

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

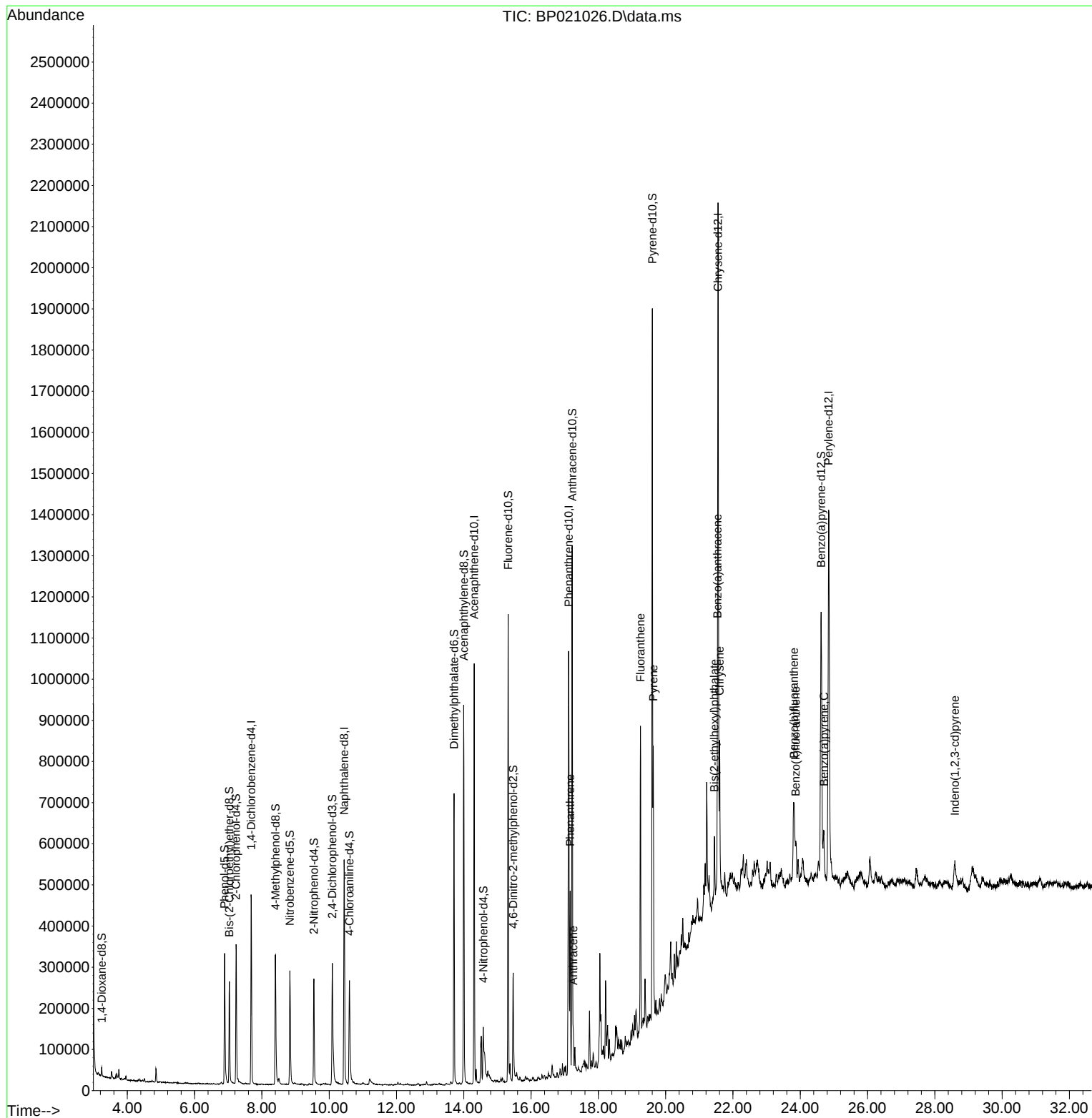
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021026.D
Acq On : 17 Jul 2024 21:04
Operator : MA/JU
Sample : P3215-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

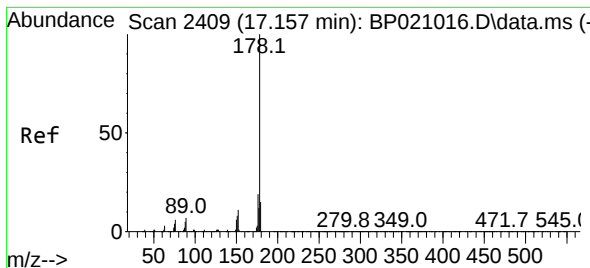
Instrument :
BNA_P
ClientSampleId :
A4CJ6

Quant Time: Jul 17 22:55:40 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

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#72

Phenanthrene

Concen: 7.145 ng/ul

RT: 17.163 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Instrument :

BNA_P

ClientSampleId :

A4CJ6

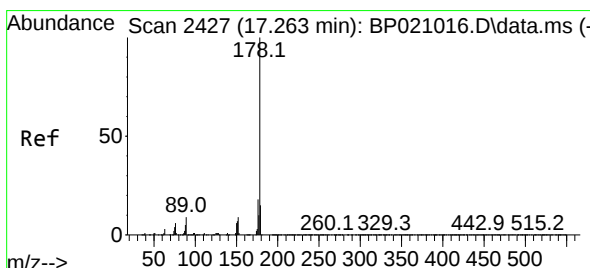
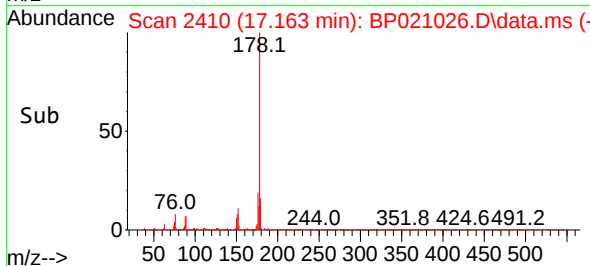
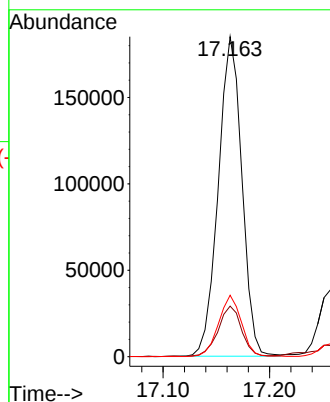
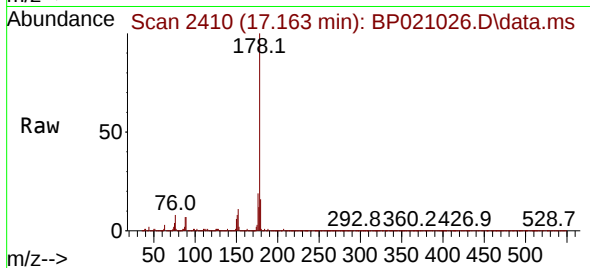
Tgt Ion:178	Resp:	28413
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.4
176	19.2	15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#74

Anthracene

Concen: 1.455 ng/ul

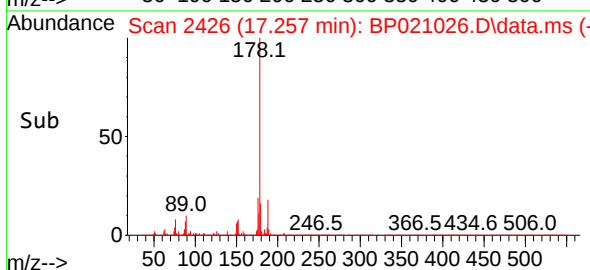
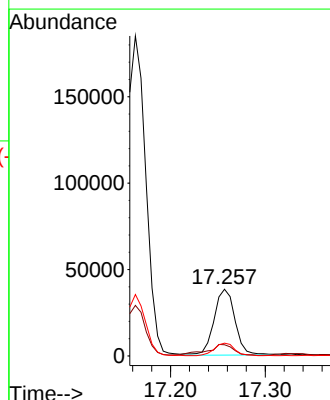
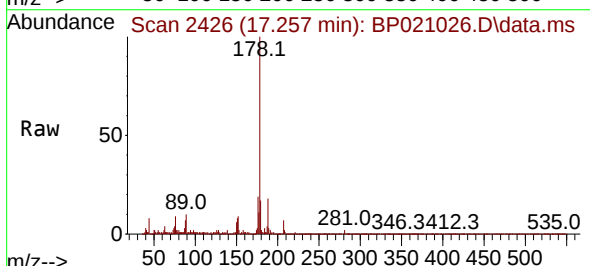
RT: 17.257 min Scan# 2426

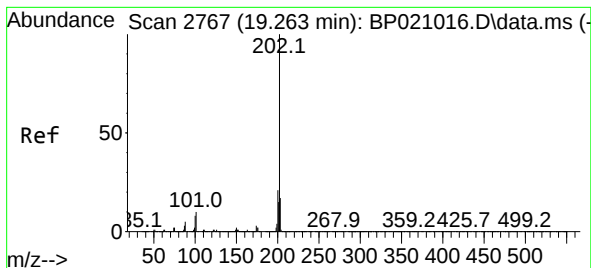
Delta R.T. -0.000 min

Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Tgt Ion:178	Resp:	58969
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.5 18.7
176	19.1	14.8 22.2





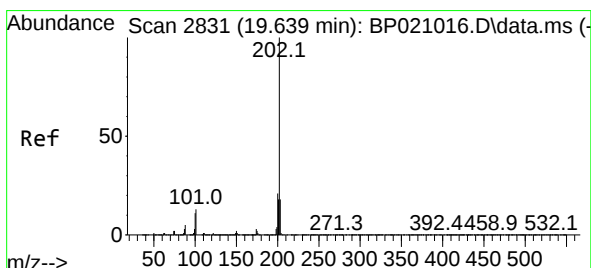
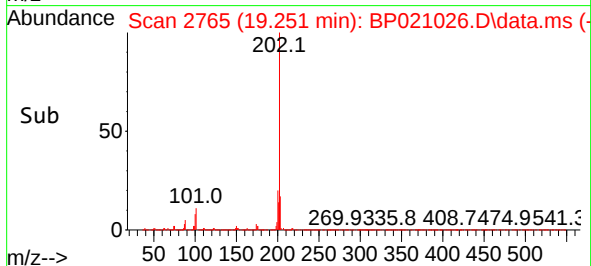
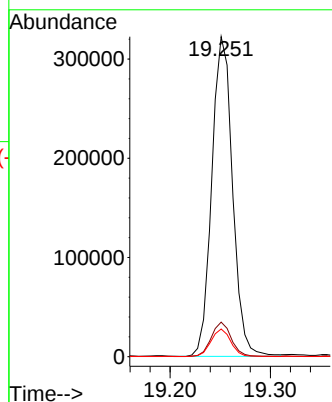
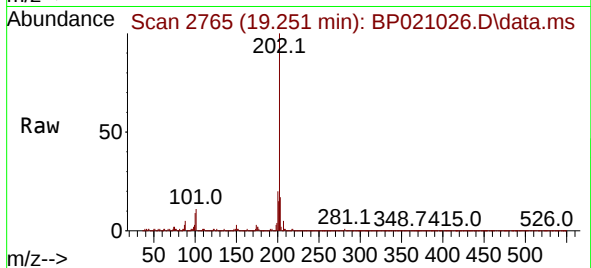
#80
Fluoranthene
Concen: 7.534 ng/ul
RT: 19.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021026.D
Acq: 17 Jul 2024 21:04

Instrument :
BNA_P
ClientSampleId :
A4CJ6

Tgt Ion:202 Resp: 464020
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 8.6 6.1 9.1

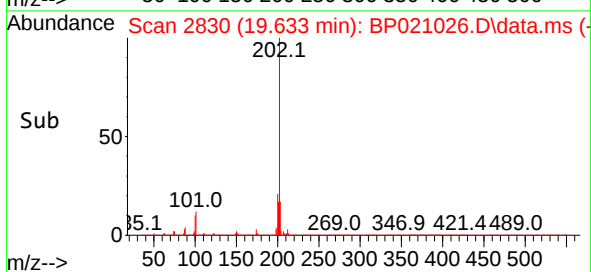
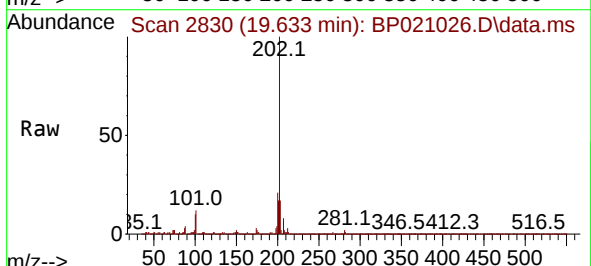
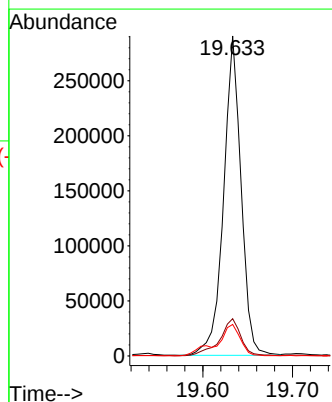
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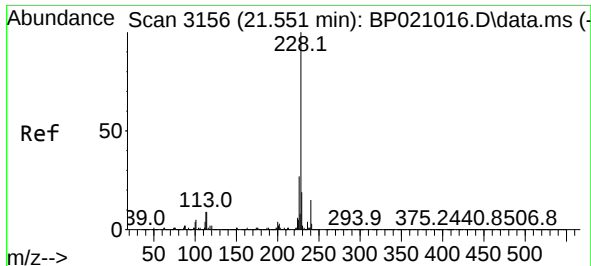
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#82
Pyrene
Concen: 6.264 ng/ul
RT: 19.633 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BP021026.D
Acq: 17 Jul 2024 21:04

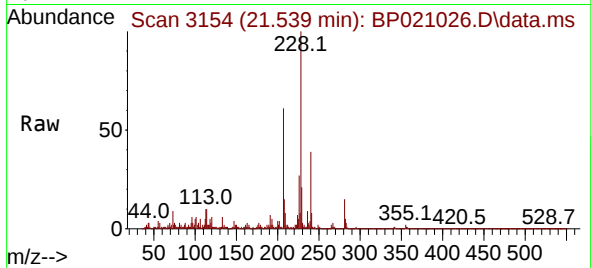
Tgt Ion:202 Resp: 392605
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.9 7.8 11.6





#85
Benzo(a)anthracene
Concen: 4.071 ng/ul
RT: 21.539 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP021026.D
Acq: 17 Jul 2024 21:04

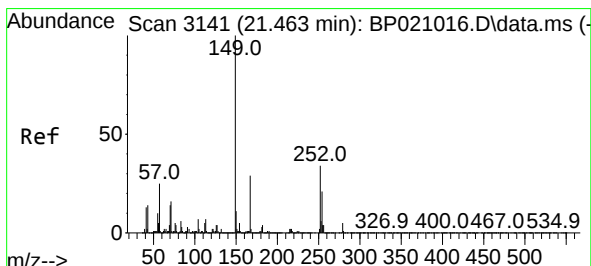
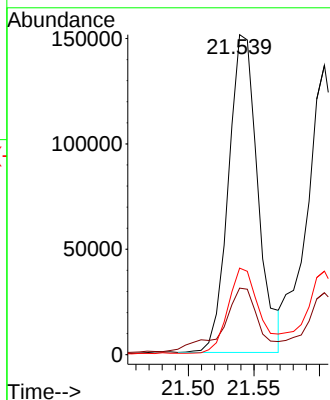
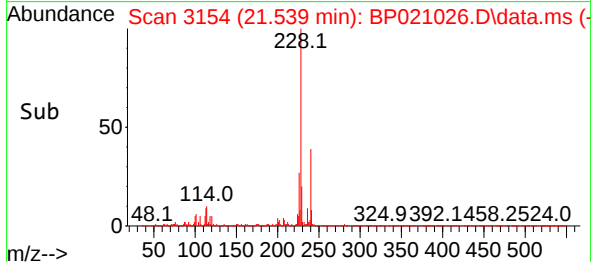
Instrument :
BNA_P
ClientSampleId :
A4CJ6



Tgt Ion:228 Resp: 23525
Ion Ratio Lower Upper
228 100
229 20.8 15.5 23.3
226 27.0 21.4 32.2

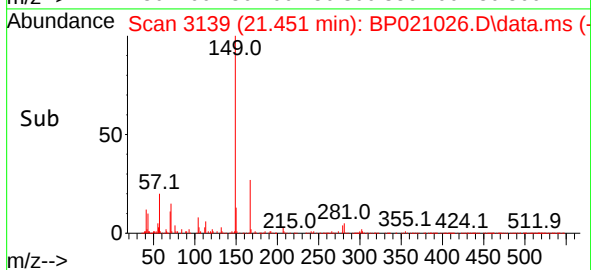
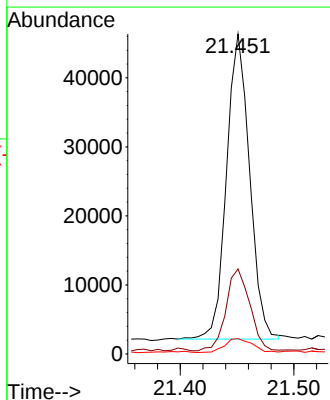
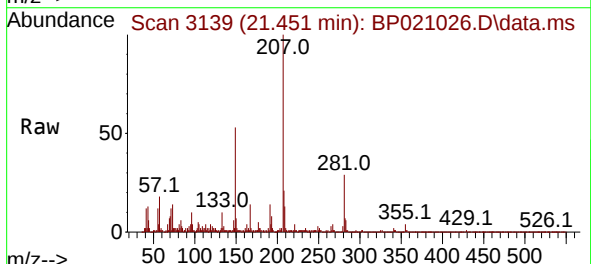
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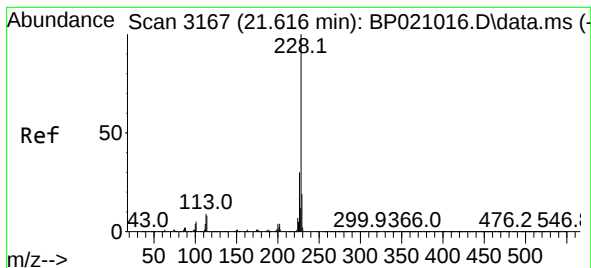
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.657 ng/ul
RT: 21.451 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BP021026.D
Acq: 17 Jul 2024 21:04

Tgt Ion:149 Resp: 62274
Ion Ratio Lower Upper
149 100
167 26.6 22.1 33.1
279 4.8 3.7 5.5





#87

Chrysene

Concen: 4.076 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Instrument :

BNA_P

ClientSampleId :

A4CJ6

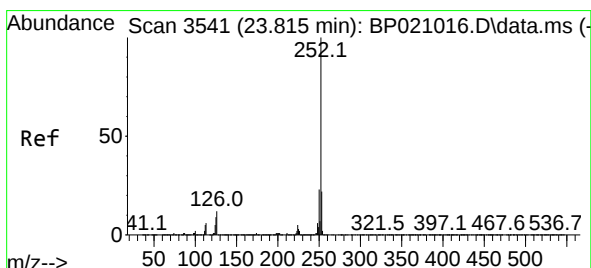
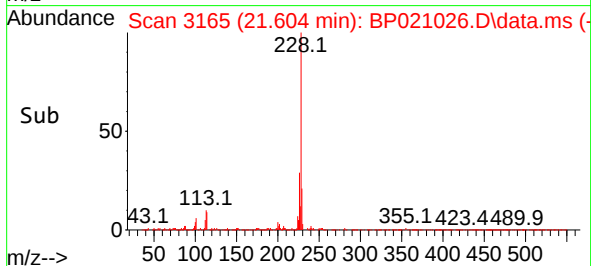
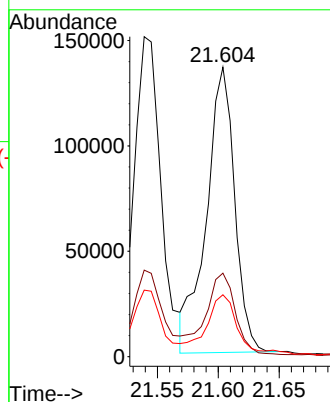
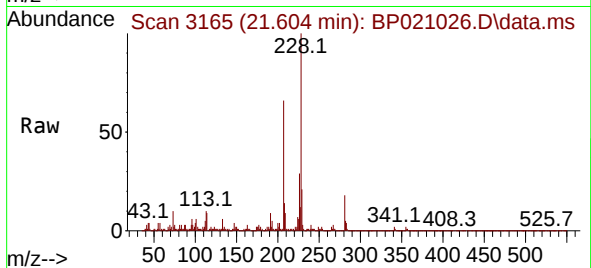
Tgt Ion:	228	Resp:	21885
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.6	35.4
229	21.4	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#90

Benzo(b)fluoranthene

Concen: 4.762 ng/ul m

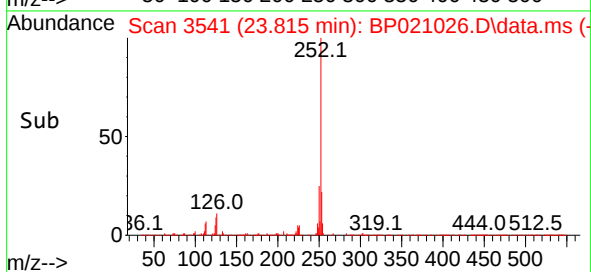
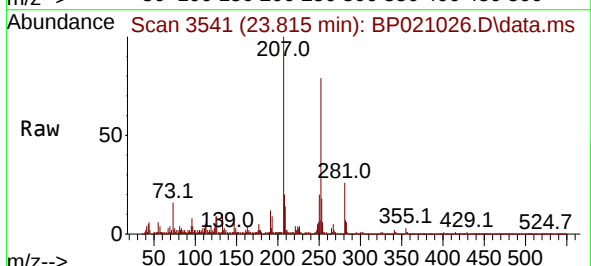
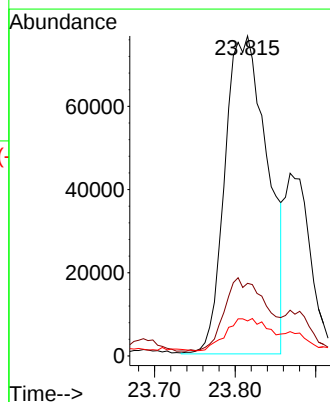
RT: 23.815 min Scan# 3541

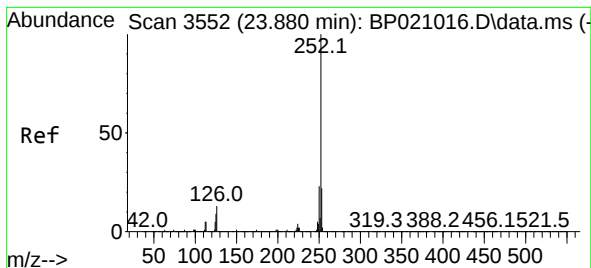
Delta R.T. 0.035 min

Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Tgt Ion:	252	Resp:	280541
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	10.9	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 1.596 ng/u1

RT: 23.868 min Scan# 3550

Delta R.T. 0.017 min

Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Instrument :

BNA_P

ClientSampleId :

A4CJ6

Tgt Ion:252 Resp: 9381

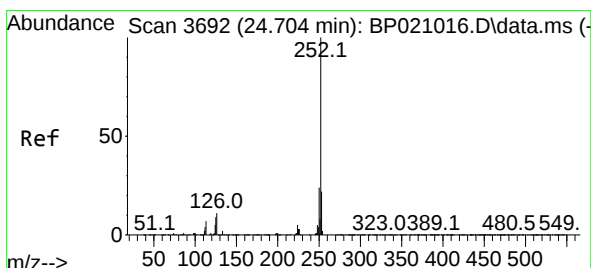
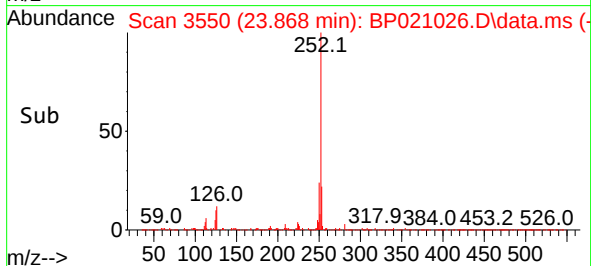
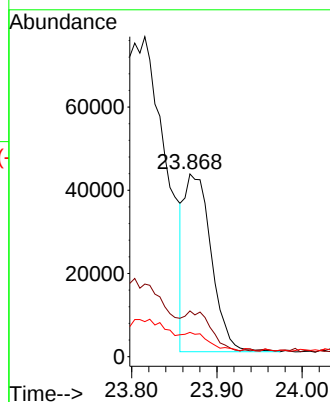
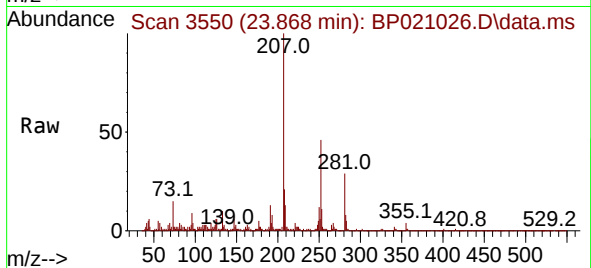
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	13.3	7.4	11.0

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.139 ng/u1

RT: 24.704 min Scan# 3692

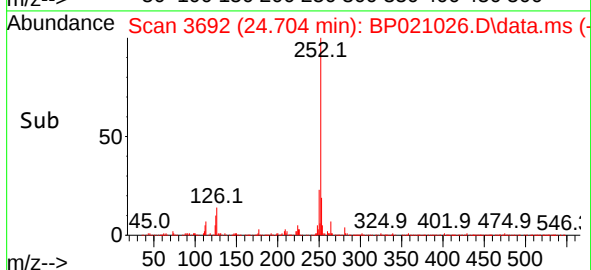
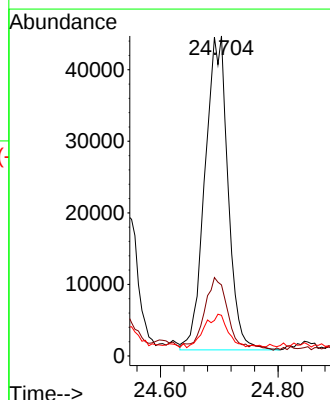
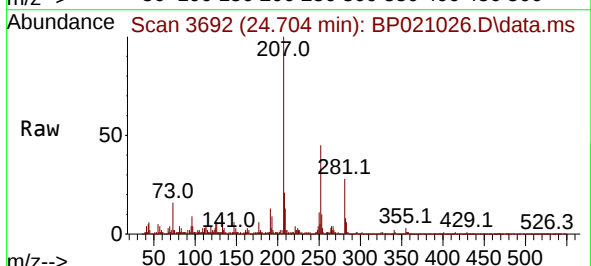
Delta R.T. 0.035 min

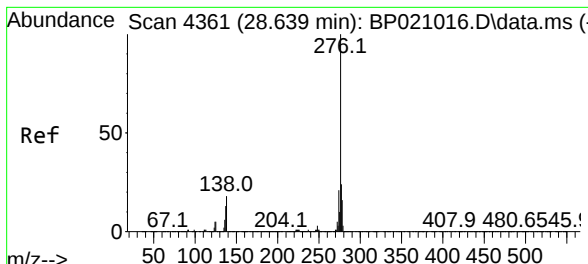
Lab File: BP021026.D

Acq: 17 Jul 2024 21:04

Tgt Ion:252 Resp: 119068

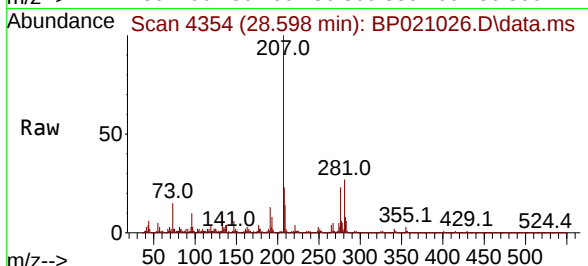
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.7	7.7	11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.411 ng/ul m
 RT: 28.598 min Scan# 43
 Delta R.T. 0.023 min
 Lab File: BP021026.D
 Acq: 17 Jul 2024 21:04

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ6



Tgt Ion: 276 Resp: 101190

Ion	Ratio	Lower	Upper
276	100		
138	18.9	14.3	21.5
277	26.9	19.2	28.8

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