

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021074.D
 Acq On : 19 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE7

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 01:21:22 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	7.675	152	153795	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.440	136	641178	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	417708	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	898048	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	877789	20.000	ng/u1	-0.02
88) Perylene-d12	24.880	264	1047784	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	11589	3.429	ng/uL	0.00
4) Pyridine-d5	3.669	84	15076m	1.541	ng/u1	0.01
7) Phenol-d5	6.893	99	228168	18.197	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	127562	16.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	187564	18.156	ng/u1	-0.01
15) 4-Methylphenol-d8	8.404	113	181143	17.394	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	85586	17.186	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	101374	17.785	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	180153	17.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	170852m	12.513	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	562360	18.520	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	641458	18.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	77295m	17.891	ng/u1	0.01
60) Fluorene-d10	15.316	176	511342	20.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	53078	9.768	ng/u1	0.00
73) Anthracene-d10	17.227	188	799407	20.042	ng/u1	0.00
81) Pyrene-d10	19.616	212	906207	16.699	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	729716	14.121	ng/u1	-0.04
Target Compounds					Qvalue	
61) Fluorene	15.375	166	31890	1.114	ng/u1#	94
72) Phenanthrene	17.169	178	636276	13.658	ng/u1	100
74) Anthracene	17.263	178	110938	2.336	ng/u1	97
77) Carbazole	17.563	167	71494	1.841	ng/u1	97
80) Fluoranthene	19.269	202	1116252	17.032	ng/u1	99
82) Pyrene	19.645	202	763001	11.441	ng/u1	100
85) Benzo(a)anthracene	21.545	228	471214	7.663	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	52169	1.305	ng/u1	98
87) Chrysene	21.615	228	468077	8.192	ng/u1	97
90) Benzo(b)fluoranthene	23.827	252	591059	9.296	ng/u1	96
91) Benzo(k)fluoranthene	23.904	252	236245m	3.723	ng/u1	
93) Benzo(a)pyrene	24.721	252	244114	4.063	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.674	276	223217m	2.883	ng/u1	
95) Dibenzo(a,h)anthracene	28.686	278	76892m	1.199	ng/u1	

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

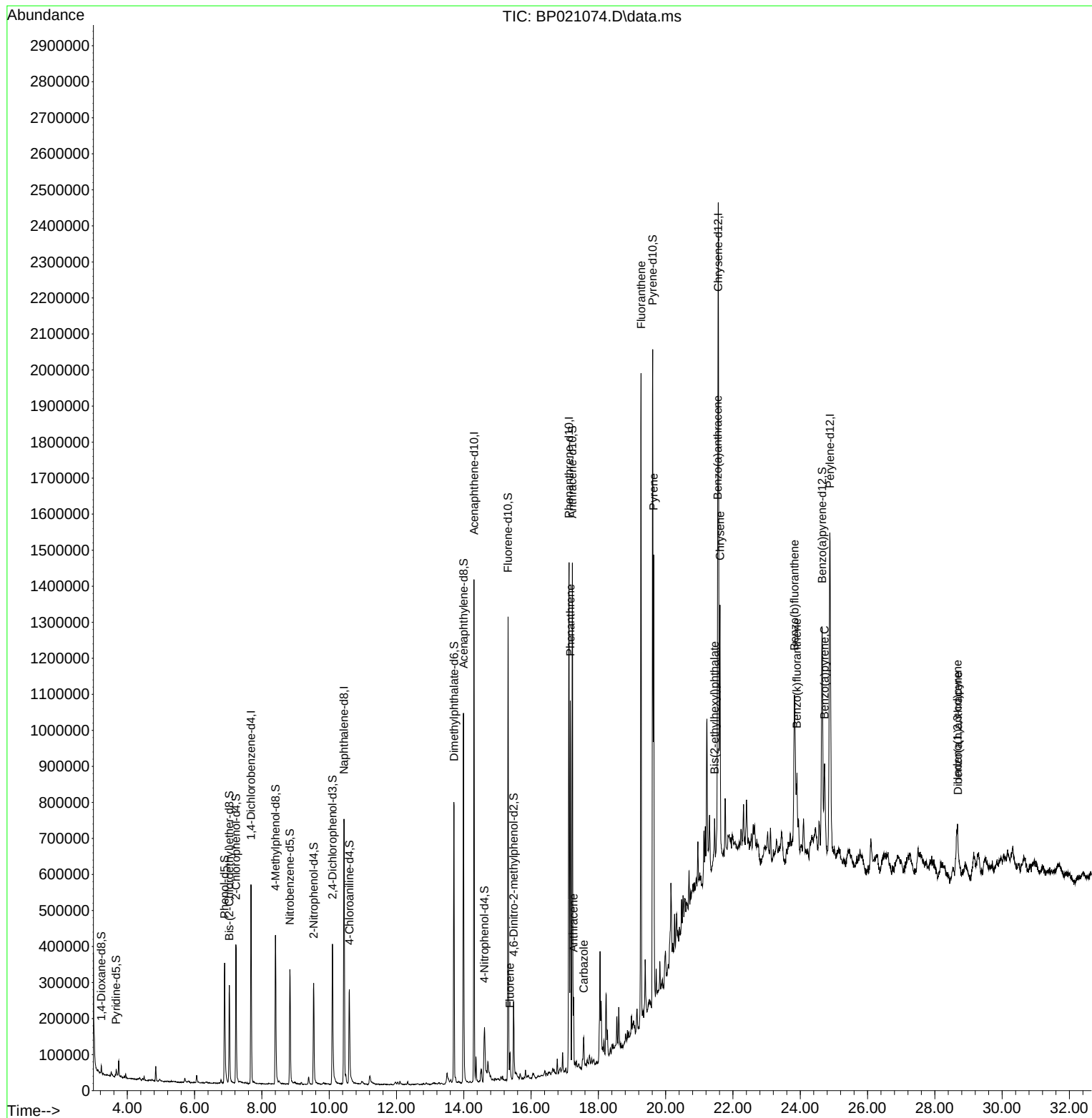
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

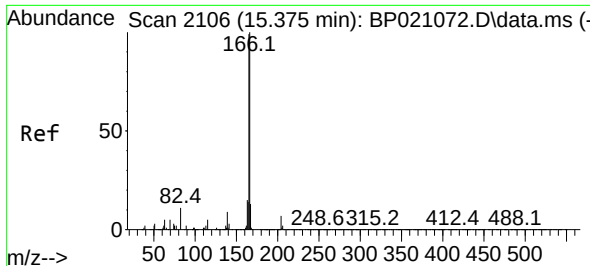
Instrument :
BNA_P
ClientSampleId :
A4BE7

Quant Time: Jul 20 01:21:22 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

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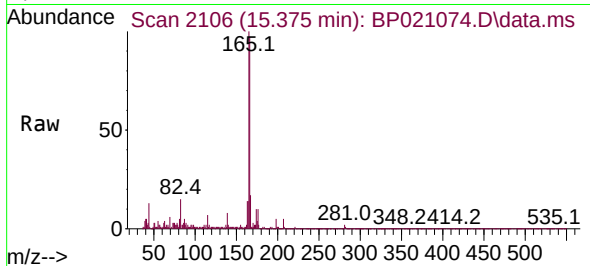
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024





#61
Fluorene
Concen: 1.114 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

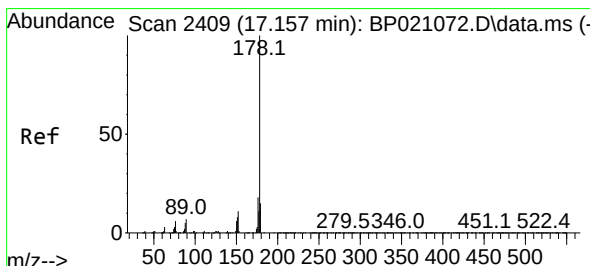
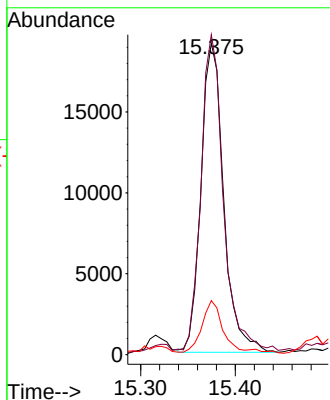
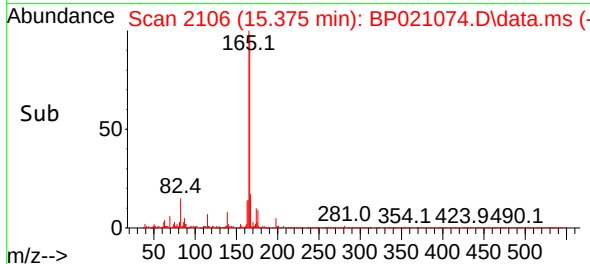
Instrument :
BNA_P
ClientSampleId :
A4BE7



Tgt Ion:166 Resp: 31890
Ion Ratio Lower Upper
166 100
165 102.7 78.1 117.1
167 17.3 10.9 16.3

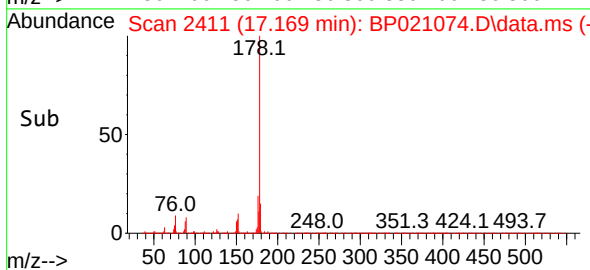
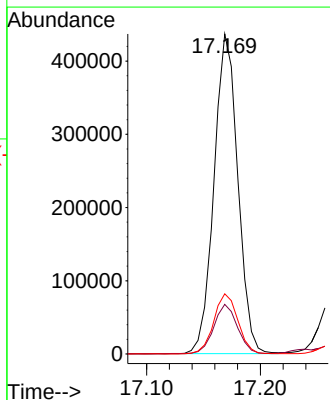
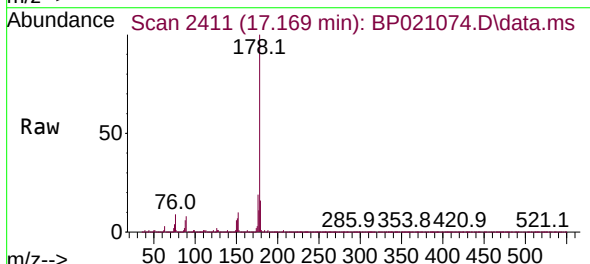
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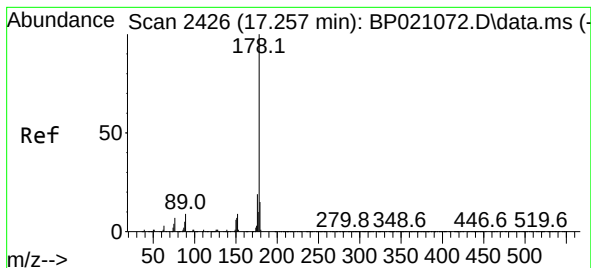
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#72
Phenanthrene
Concen: 13.658 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

Tgt Ion:178 Resp: 636276
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.8 15.0 22.4





#74

Anthracene

Concen: 2.336 ng/ul

RT: 17.263 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

A4BE7

Tgt Ion:178 Resp: 110938

Ion Ratio Lower Upper

178 100

179 17.6 12.5 18.7

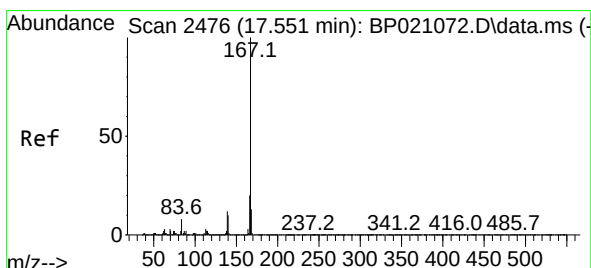
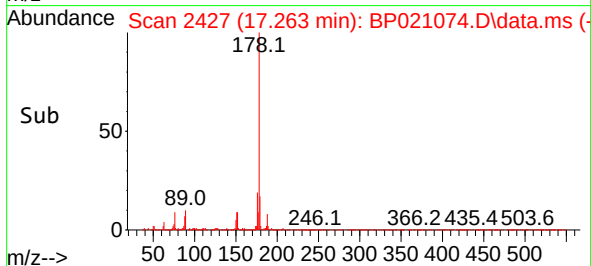
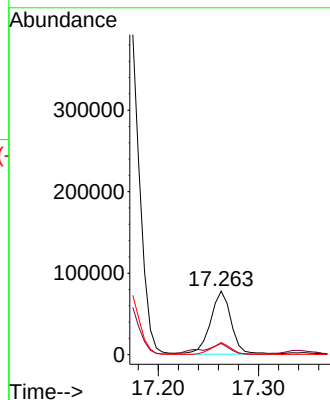
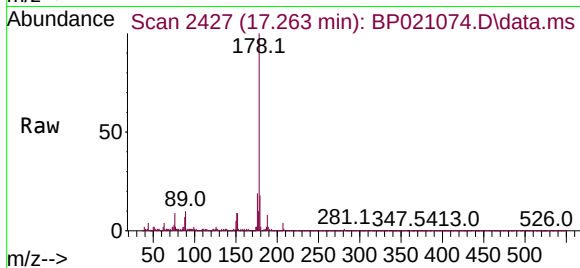
176 19.2 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#77

Carbazole

Concen: 1.841 ng/ul

RT: 17.563 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

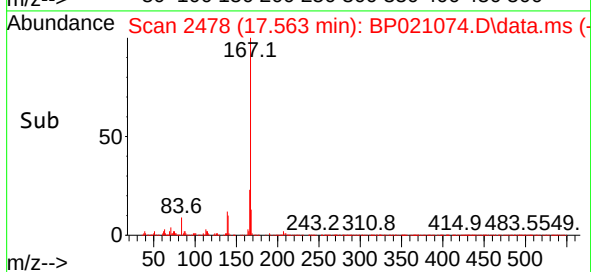
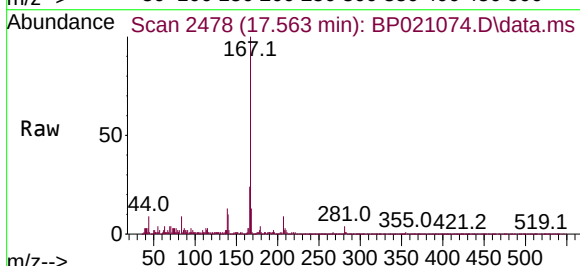
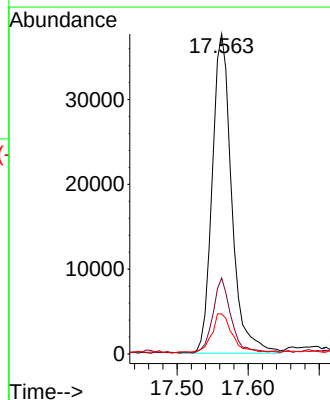
Tgt Ion:167 Resp: 71494

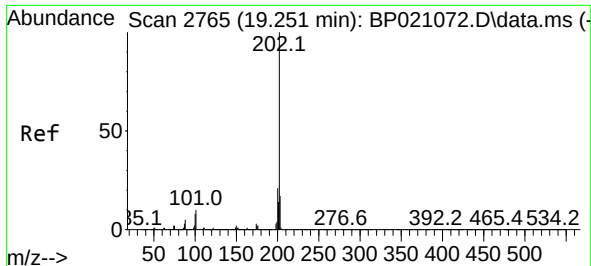
Ion Ratio Lower Upper

167 100

166 23.7 17.3 25.9

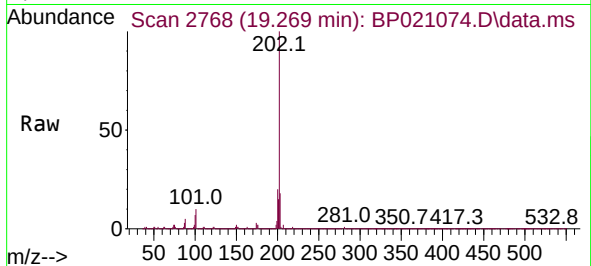
139 12.5 10.2 15.2





#80
Fluoranthene
Concen: 17.032 ng/ul
RT: 19.269 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

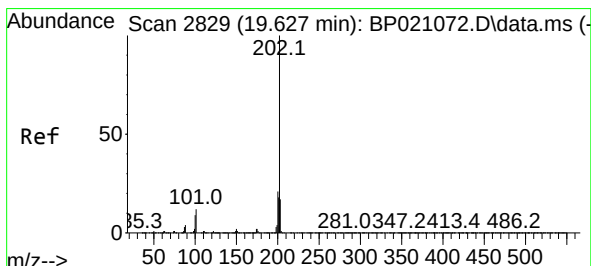
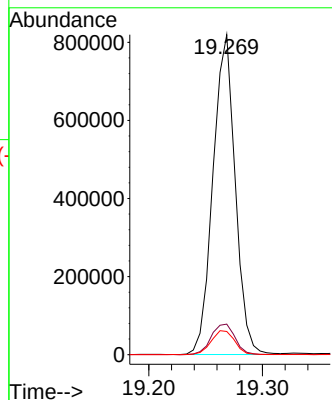
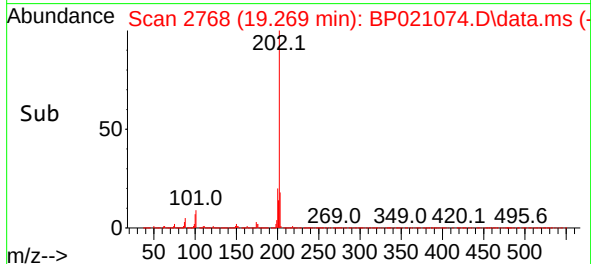
Instrument :
BNA_P
ClientSampleId :
A4BE7



Tgt Ion:202 Resp: 111625
Ion Ratio Lower Upper
202 100
101 9.5 8.0 12.0
100 7.3 6.1 9.1

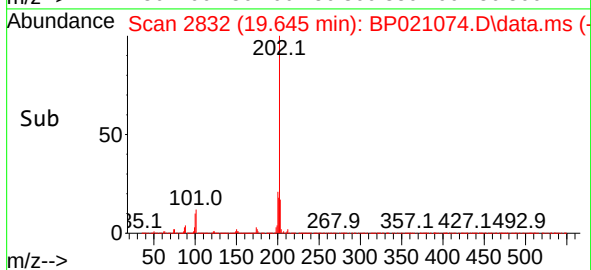
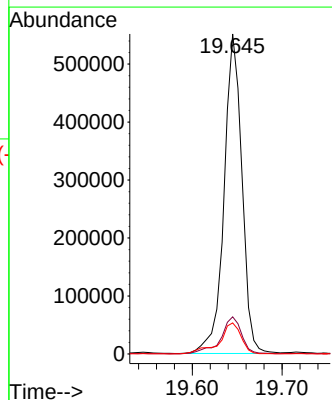
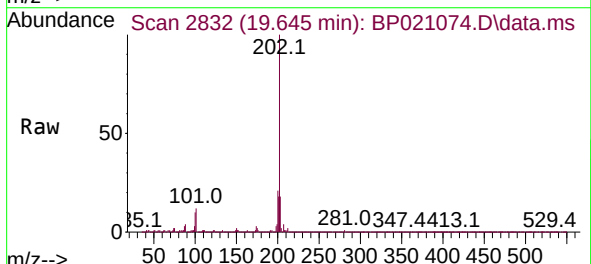
Manual Integrations
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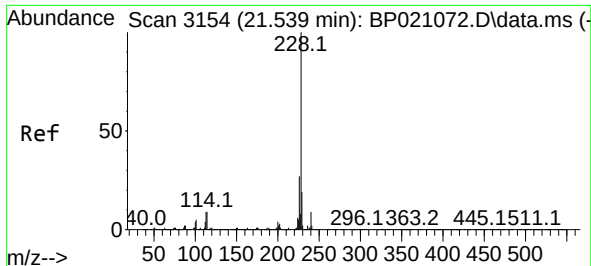
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#82
Pyrene
Concen: 11.441 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

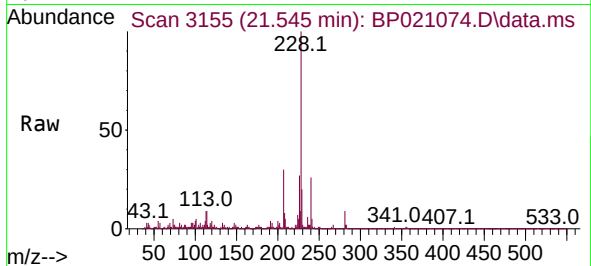
Tgt Ion:202 Resp: 763001
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.7 7.8 11.6





#85
Benzo(a)anthracene
Concen: 7.663 ng/ul
RT: 21.545 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

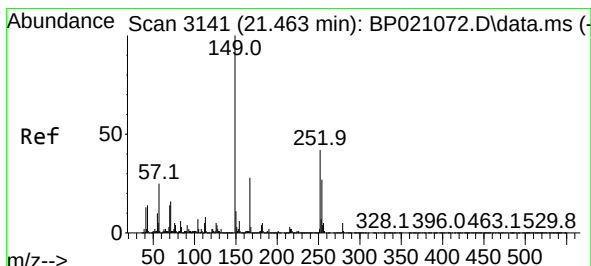
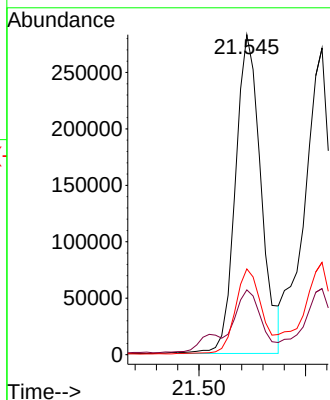
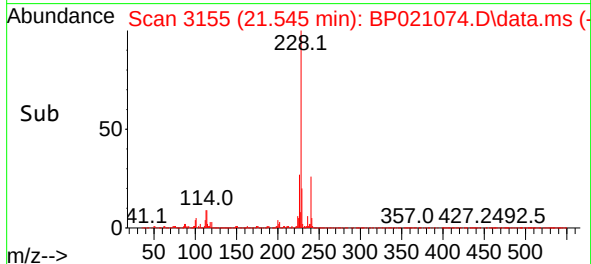
Instrument :
BNA_P
ClientSampleId :
A4BE7



Tgt Ion:228 Resp: 471214
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 26.8 21.4 32.2

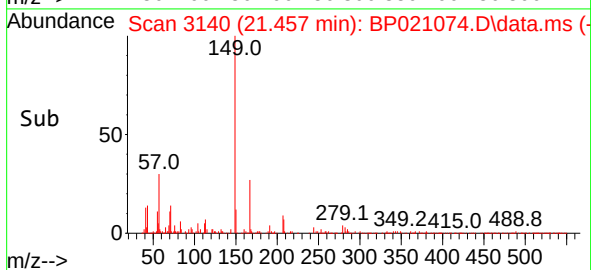
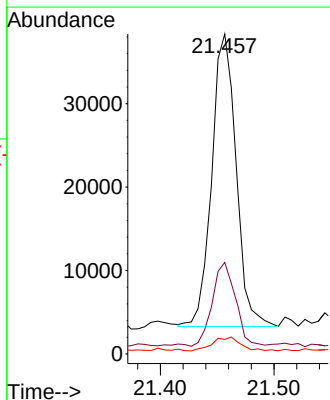
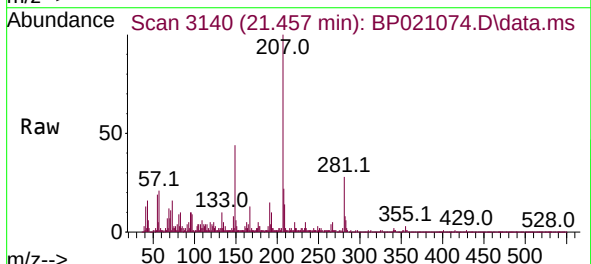
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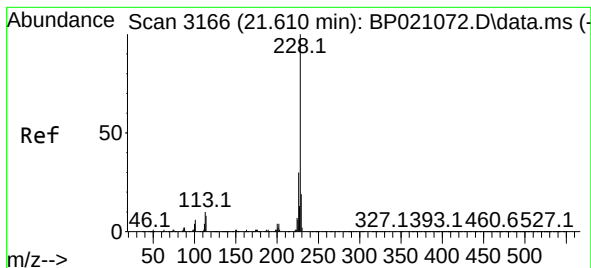
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.305 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BP021074.D
Acq: 19 Jul 2024 12:07

Tgt Ion:149 Resp: 52169
Ion Ratio Lower Upper
149 100
167 28.6 22.1 33.1
279 4.5 3.7 5.5





#87

Chrysene

Concen: 8.192 ng/ul

RT: 21.615 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

A4BE7

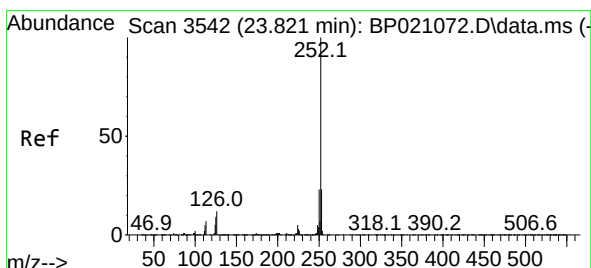
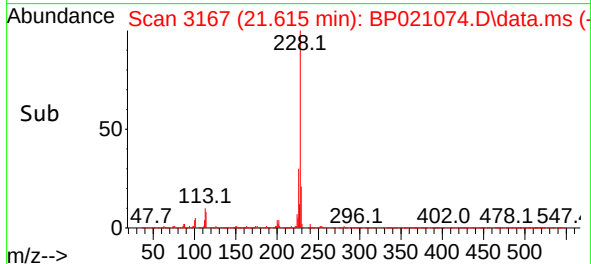
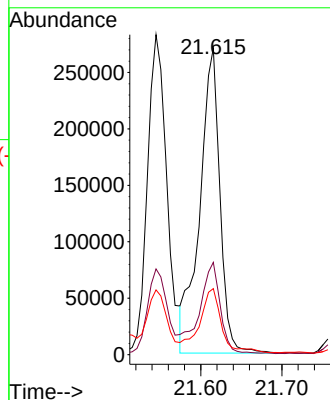
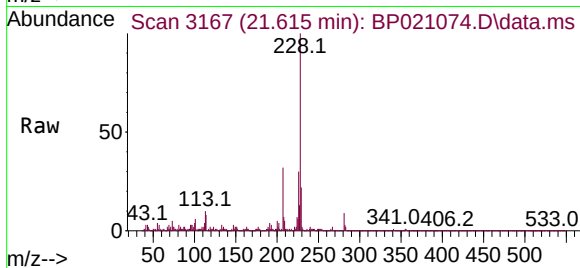
Tgt Ion:	228	Resp:	46807
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.6	35.4
229	21.6	15.5	23.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 9.296 ng/ul

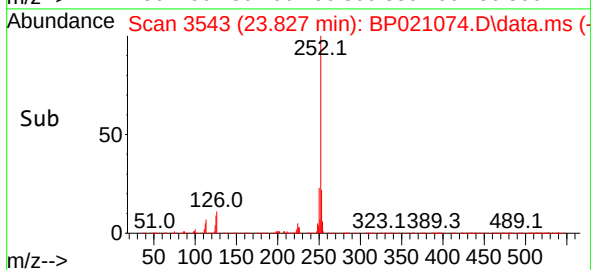
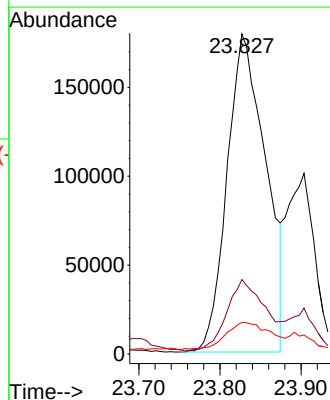
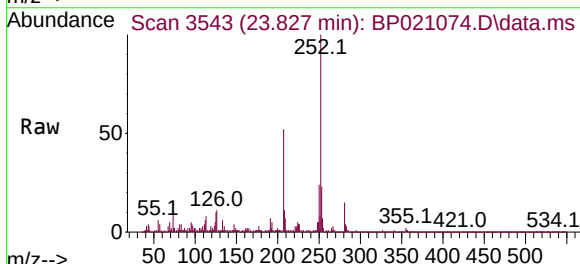
RT: 23.827 min Scan# 3543

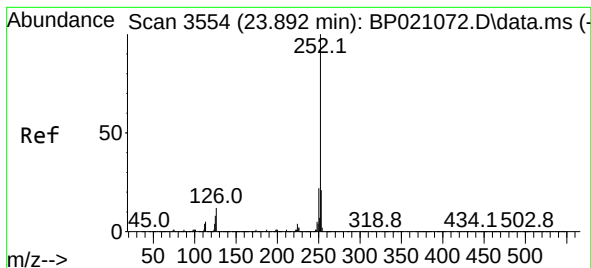
Delta R.T. -0.024 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Tgt Ion:	252	Resp:	591059
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	9.9	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 3.723 ng/ul m

RT: 23.904 min Scan# 3554

Delta R.T. -0.018 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

A4BE7

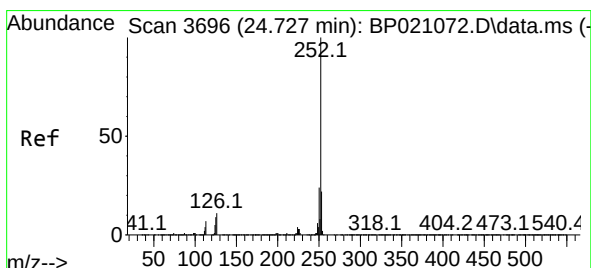
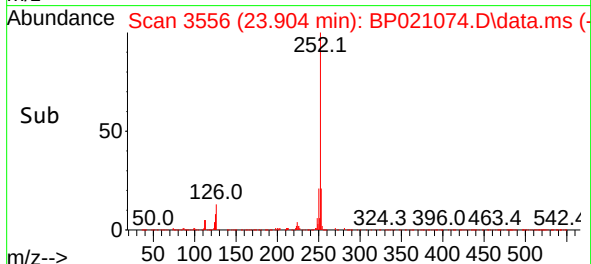
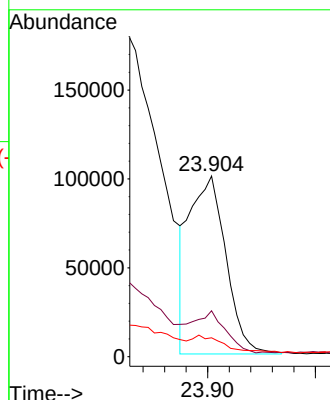
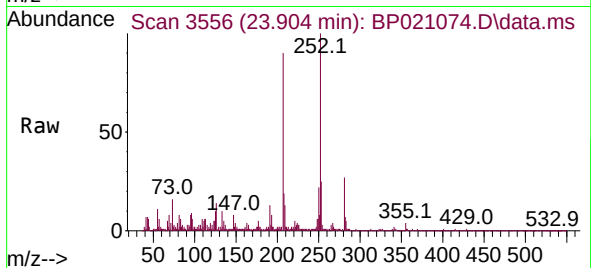
Tgt Ion:	252	Resp:	23624
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.4	26.2
125	10.5	7.4	11.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#93

Benzo(a)pyrene

Concen: 4.063 ng/ul

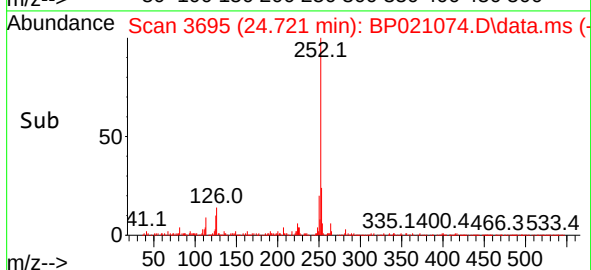
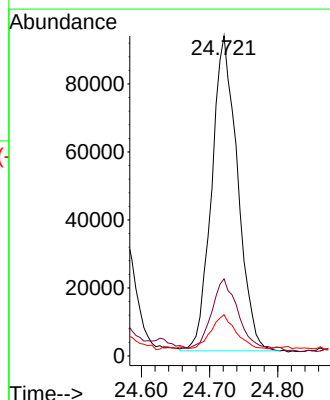
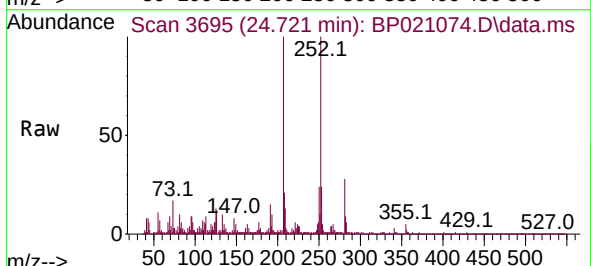
RT: 24.721 min Scan# 3695

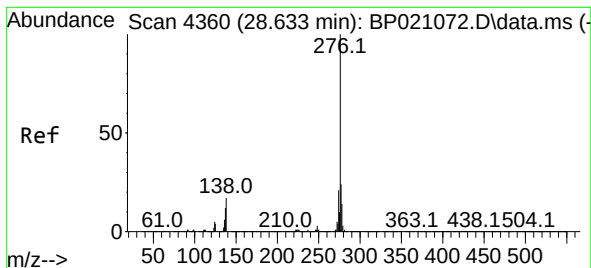
Delta R.T. -0.041 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Tgt Ion:	252	Resp:	244114
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	12.9	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.883 ng/ul m

RT: 28.674 min Scan# 4367

Delta R.T. -0.030 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

A4BE7

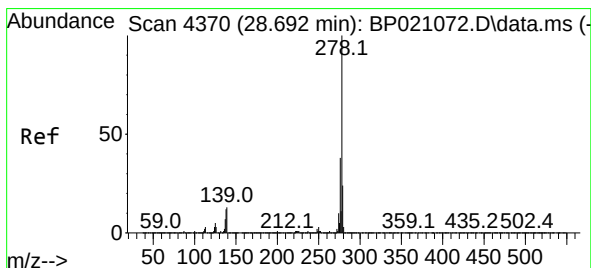
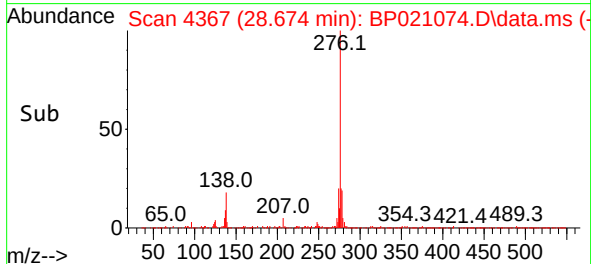
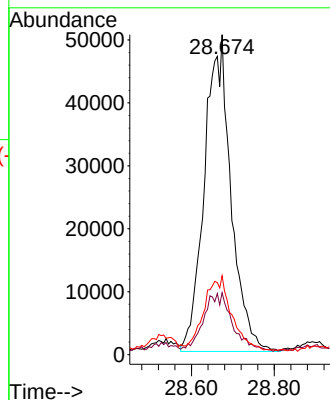
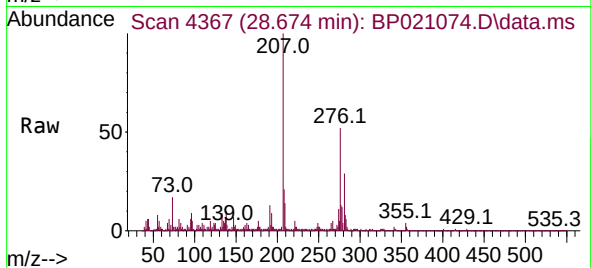
Tgt Ion:	276	Resp:	22321
Ion Ratio	Lower	Upper	
276	100		
138	19.3	14.3	21.5
277	24.7	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.199 ng/ul m

RT: 28.686 min Scan# 4369

Delta R.T. -0.053 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Tgt Ion:	278	Resp:	76892
Ion Ratio	Lower	Upper	
278	100		
139	20.1	10.9	16.3#
279	31.9	19.4	29.0#

