

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021419.D
 Acq On : 07 Aug 2024 14:03
 Operator : CG/JU
 Sample : P3329-17DL2 30X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E25DL2

Quant Time: Aug 08 03:47:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	148973	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	656012	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	444207	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	1009123	20.000	ng/u1	-0.02
79) Chrysene-d12	21.516	240	1107425	20.000	ng/u1	-0.02
88) Perylene-d12	24.810	264	1299748	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.034	67	6278m	0.853	ng/u1	0.05
11) 2-Chlorophenol-d4	7.287	132	6289m	0.628	ng/u1	0.11
15) 4-Methylphenol-d8	8.511	113	7134m	0.707	ng/u1	0.15
21) Nitrobenzene-d5	8.881	128	3636m	0.714	ng/u1	0.09
24) 2-Nitrophenol-d4	9.558	143	3620m	0.621	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.210	165	7224m	0.685	ng/u1	0.16
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.681	166	30594	0.947	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	31304	0.863	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.281	176	28589	1.079	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.181	188	49188m	1.097	ng/u1	-0.01
81) Pyrene-d10	19.563	212	54642	0.798	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.598	264	41283	0.644	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.434	128	3710558	107.531	ng/u1	100
36) 2-Methylnaphthalene	12.052	142	763807	32.246	ng/u1	99
37) 1-Methylnaphthalene	12.275	142	345456	14.181	ng/u1	98
43) 1,1'-Biphenyl	13.093	154	193883	5.972	ng/u1	99
50) Acenaphthylene	13.987	152	50713	1.235	ng/u1#	92
52) Acenaphthene	14.328	153	882143	32.375	ng/u1	98
56) Dibenzofuran	14.675	168	961366	25.765	ng/u1	98
61) Fluorene	15.334	166	1023006	33.598	ng/u1	100
72) Phenanthrene	17.116	178	4592187	87.722	ng/u1	98
74) Anthracene	17.222	178	644192m	12.071	ng/u1	
77) Carbazole	17.528	167	278198	6.377	ng/u1	98
80) Fluoranthene	19.216	202	3045667	36.836	ng/u1	100
82) Pyrene	19.592	202	1685078	20.028	ng/u1	99
85) Benzo(a)anthracene	21.498	228	768607	9.908	ng/u1	98
87) Chrysene	21.569	228	577830	8.016	ng/u1	99
90) Benzo(b)fluoranthene	23.780	252	497223	6.304	ng/u1	98
91) Benzo(k)fluoranthene	23.845	252	179449	2.280	ng/u1	96
93) Benzo(a)pyrene	24.668	252	156984	2.106	ng/u1	98

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

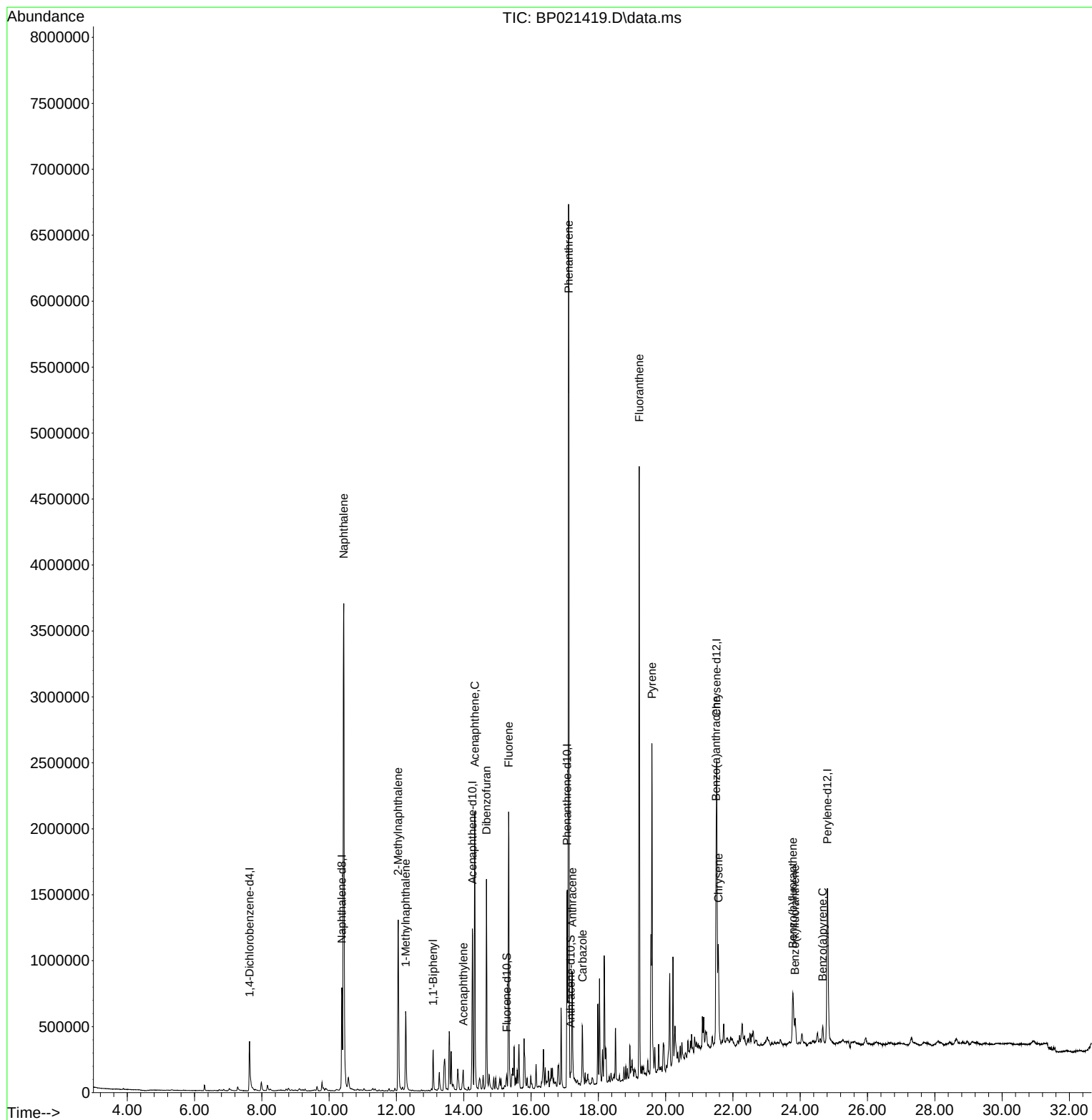
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021419.D
Acq On : 07 Aug 2024 14:03
Operator : CG/JU
Sample : P3329-17DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

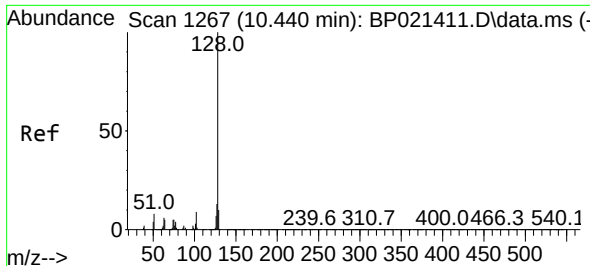
Instrument :
BNA_P
ClientSampleId :
F7E25DL2

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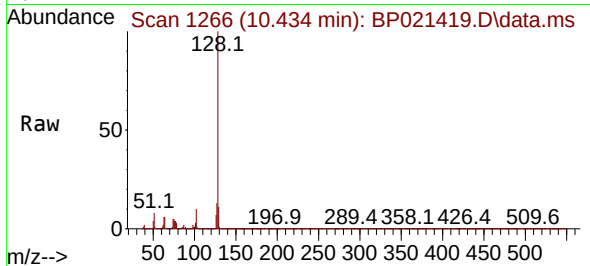
Quant Time: Aug 08 03:47:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 107.531 ng/ul
RT: 10.434 min Scan# 1266
Delta R.T. -0.005 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

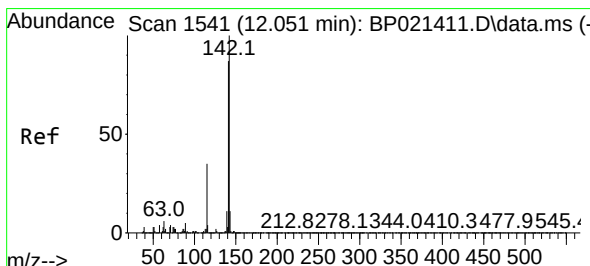
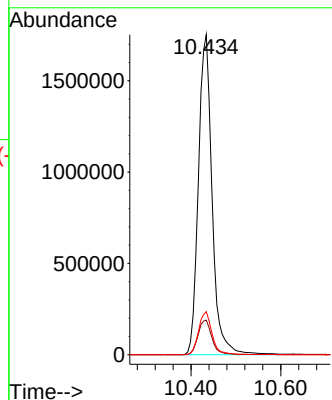
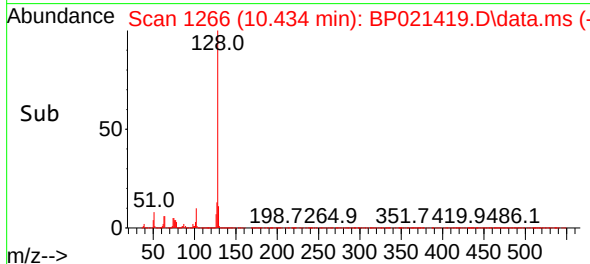
Instrument :
BNA_P
ClientSampleId :
F7E25DL2



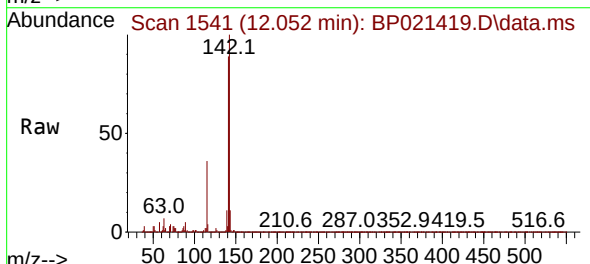
Tgt Ion:128 Resp: 3710558
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.8 16.2

Manual Integrations
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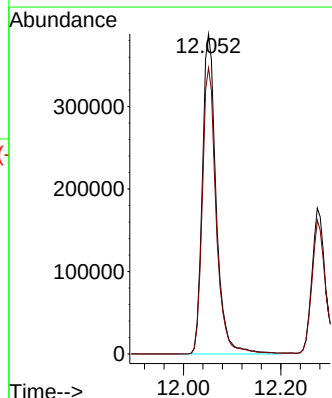
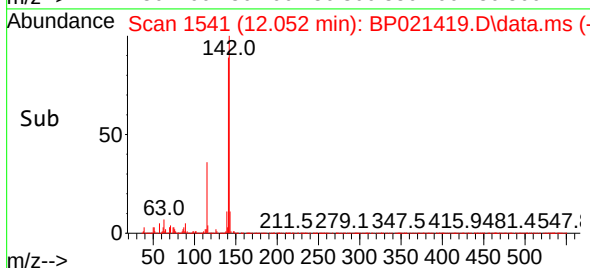
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

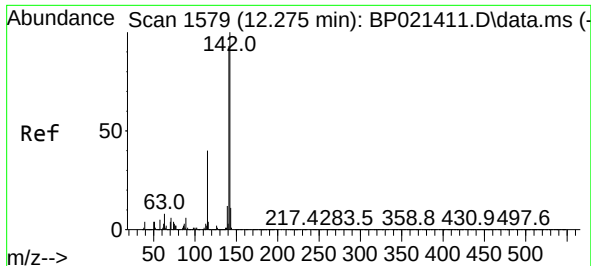


#36
2-Methylnaphthalene
Concen: 32.246 ng/ul
RT: 12.052 min Scan# 1541
Delta R.T. -0.017 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03



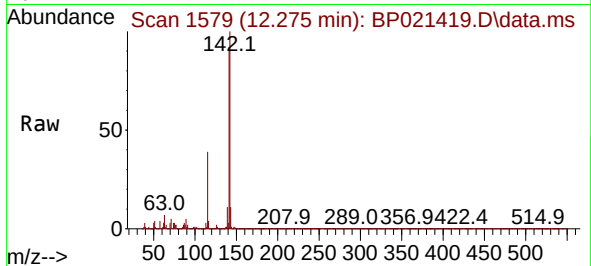
Tgt Ion:142 Resp: 763807
Ion Ratio Lower Upper
142 100
141 89.4 72.6 108.8





#37
1-Methylnaphthalene
Concen: 14.181 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

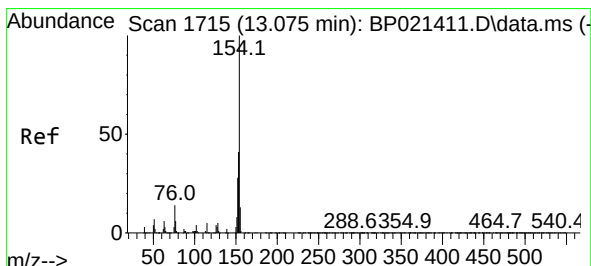
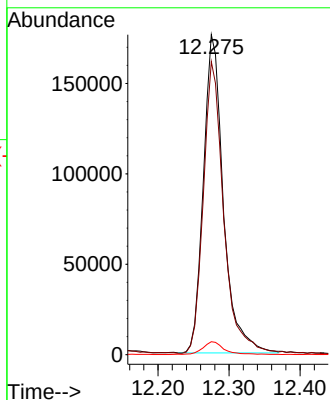
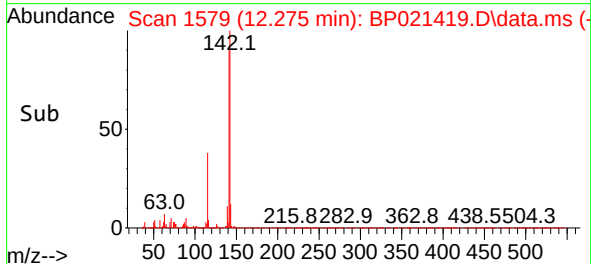
Instrument :
BNA_P
ClientSampleId :
F7E25DL2



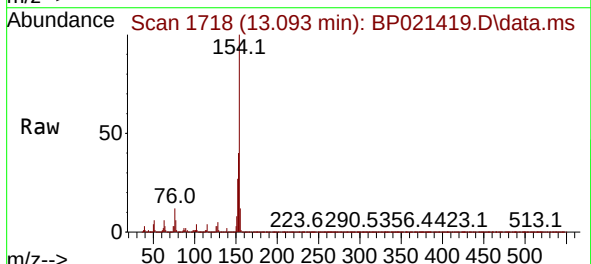
Tgt Ion:142 Resp: 345456
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.6
116 4.1 3.2 4.8

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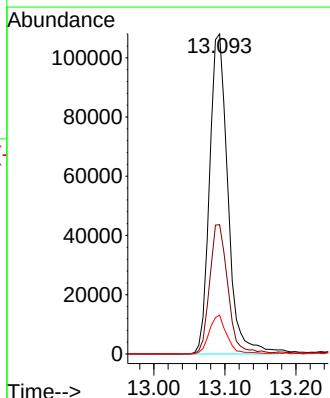
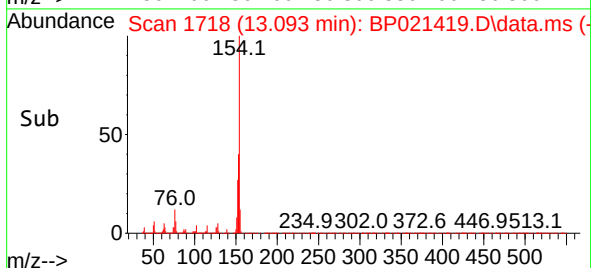
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

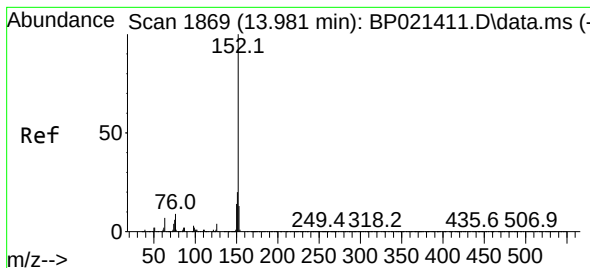


#43
1,1'-Biphenyl
Concen: 5.972 ng/ul
RT: 13.093 min Scan# 1718
Delta R.T. 0.006 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03



Tgt Ion:154 Resp: 193883
Ion Ratio Lower Upper
154 100
153 40.4 32.7 49.1
76 12.1 9.4 14.2





#50

Acenaphthylene

Concen: 1.235 ng/ul

RT: 13.987 min Scan# 1869

Delta R.T. -0.005 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Instrument :

BNP_P

ClientSampleId :

F7E25DL2

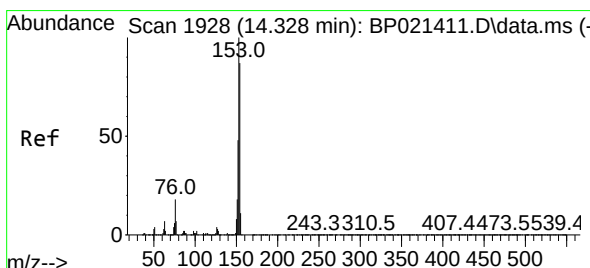
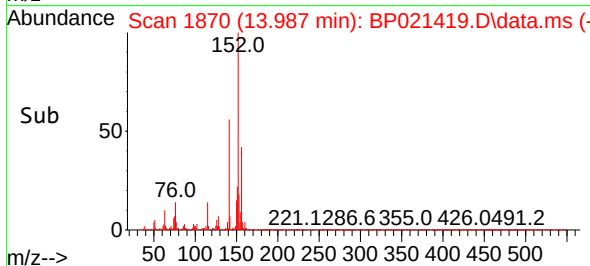
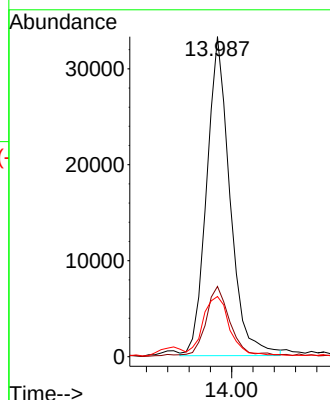
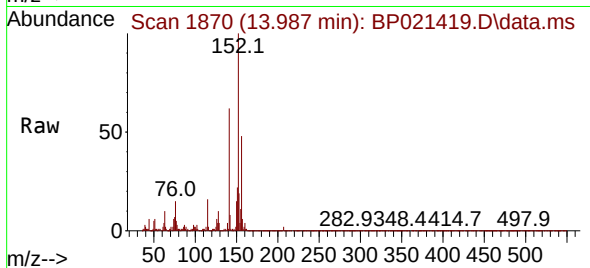
Tgt Ion:152	Resp:	5071
Ion Ratio	Lower	Upper
152	100	
151	21.9	16.2 24.2
153	18.8	10.3 15.5

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#52

Acenaphthene

Concen: 32.375 ng/ul

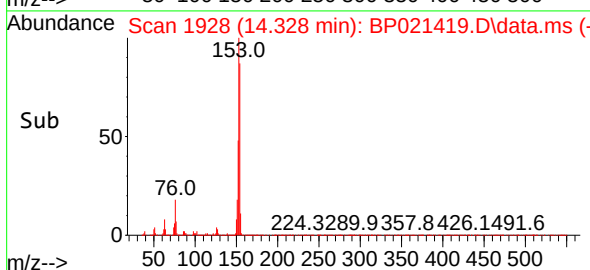
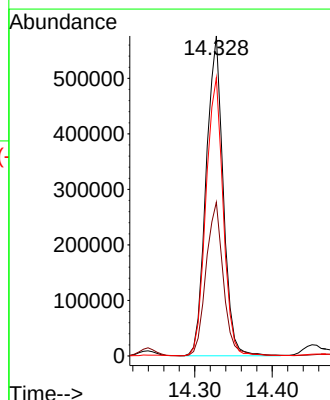
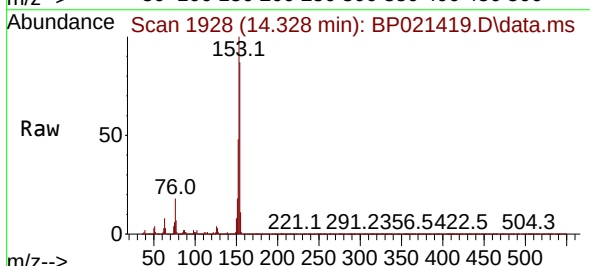
RT: 14.328 min Scan# 1928

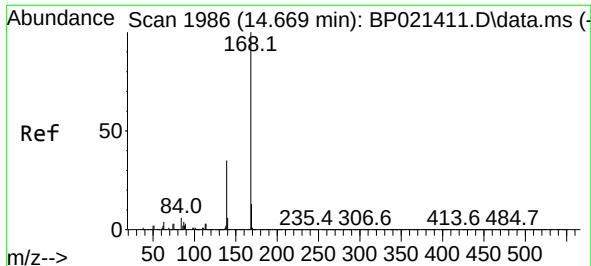
Delta R.T. -0.011 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Tgt Ion:153	Resp:	882143
Ion Ratio	Lower	Upper
153	100	
152	48.0	37.8 56.6
154	87.0	71.8 107.6





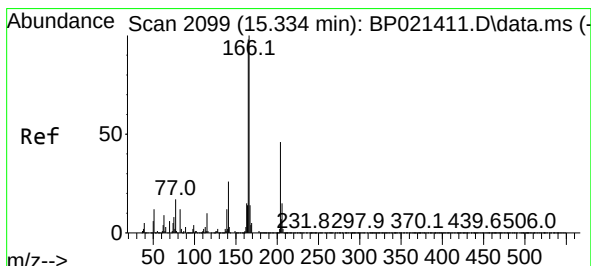
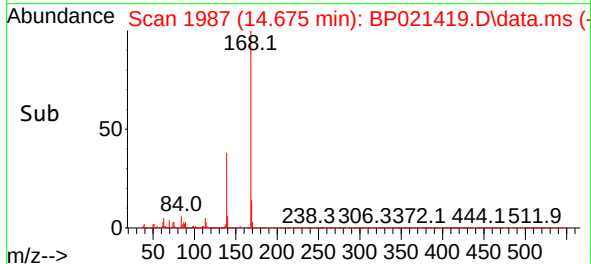
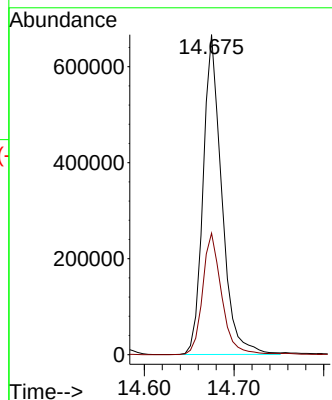
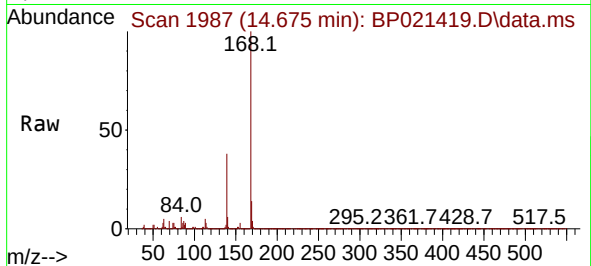
#56
Dibenzofuran
Concen: 25.765 ng/ul
RT: 14.675 min Scan# 1986
Delta R.T. -0.011 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

Instrument :
BNA_P
ClientSampleId :
F7E25DL2

Tgt Ion:168 Resp: 961360
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7

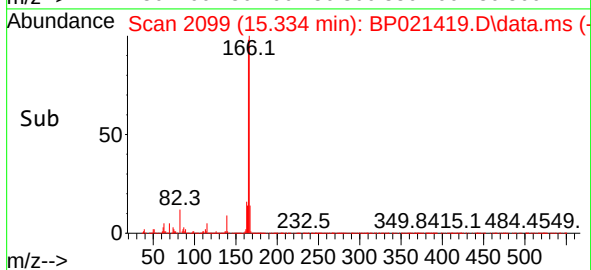
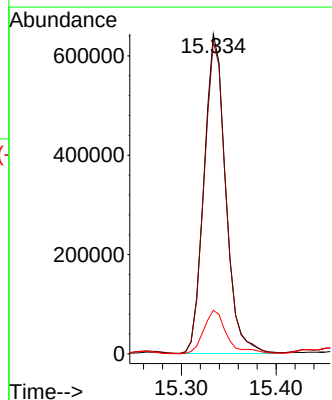
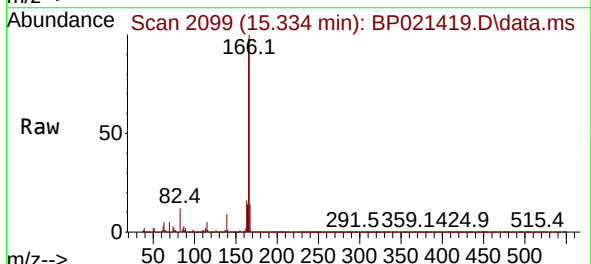
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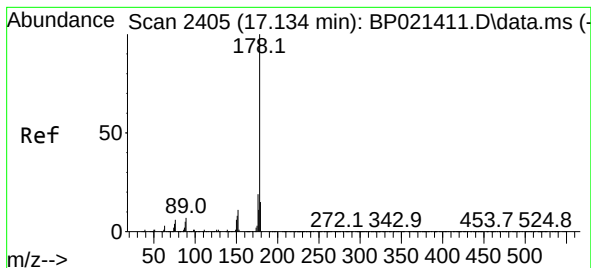
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#61
Fluorene
Concen: 33.598 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

Tgt Ion:166 Resp: 1023006
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.7 10.9 16.3





#72

Phenanthrene

Concen: 87.722 ng/ul

RT: 17.116 min Scan# 2402

Delta R.T. -0.017 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Instrument :

BNA_P

ClientSampleId :

F7E25DL2

Tgt Ion:178 Resp: 459218

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

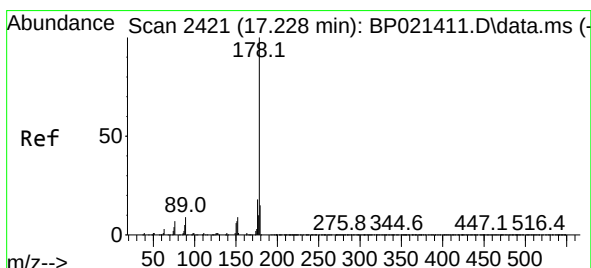
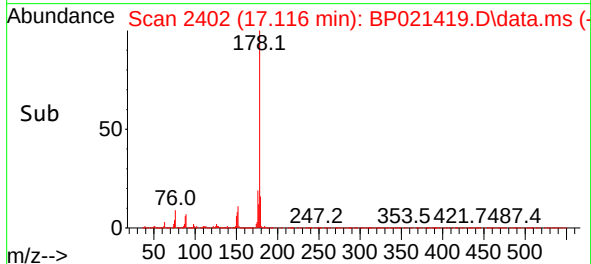
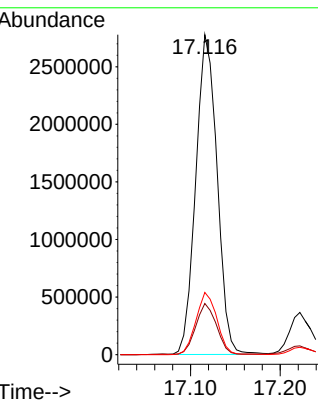
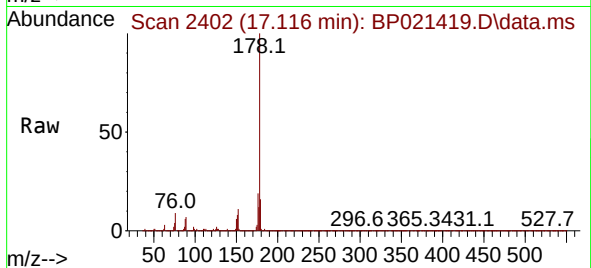
176 19.5 15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#74

Anthracene

Concen: 12.071 ng/ul m

RT: 17.222 min Scan# 2420

Delta R.T. -0.011 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

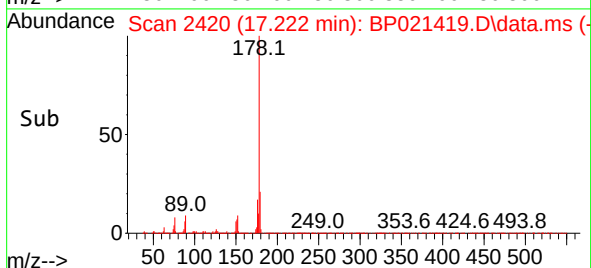
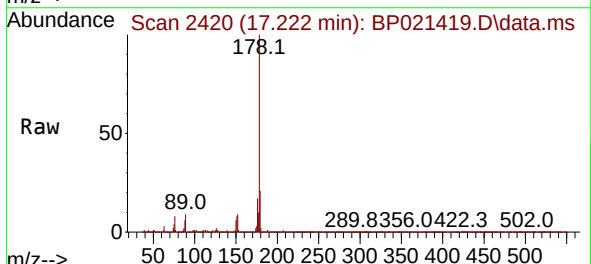
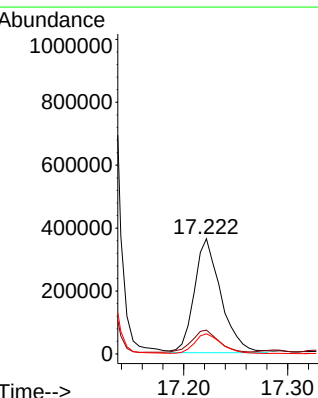
Tgt Ion:178 Resp: 644192

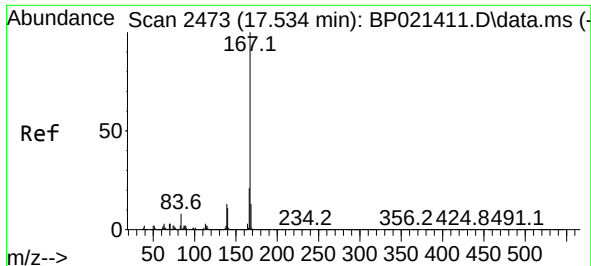
Ion Ratio Lower Upper

178 100

179 20.7 12.5 18.7#

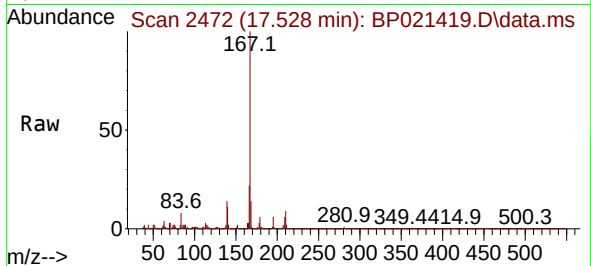
176 17.5 14.8 22.2





#77
 Carbazole
 Concen: 6.377 ng/ul
 RT: 17.528 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BP021419.D
 Acq: 07 Aug 2024 14:03

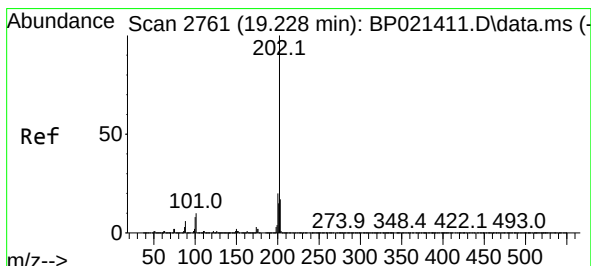
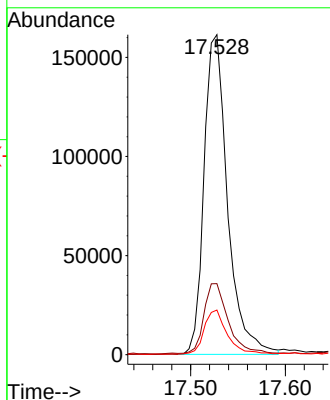
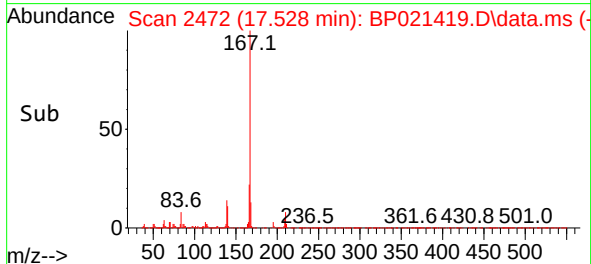
Instrument :
 BNA_P
 ClientSampleId :
 F7E25DL2



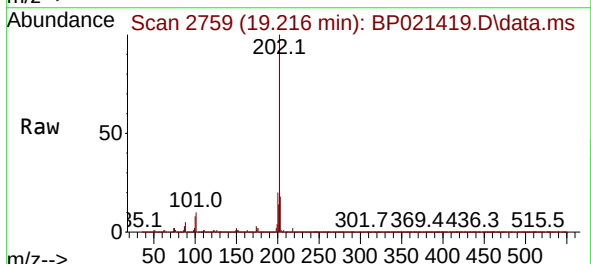
Tgt Ion:167 Resp: 278198
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.9 10.2 15.2

Manual Integrations
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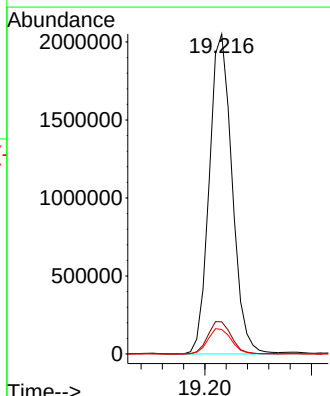
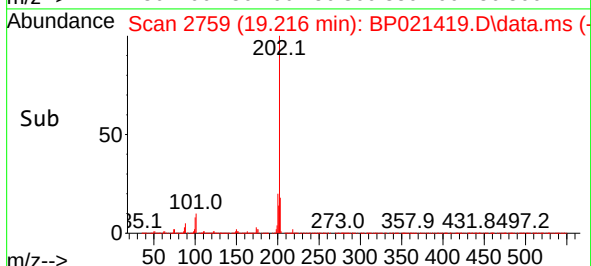
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

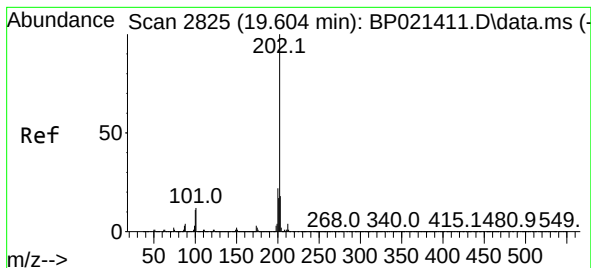


#80
 Fluoranthene
 Concen: 36.836 ng/ul
 RT: 19.216 min Scan# 2759
 Delta R.T. -0.017 min
 Lab File: BP021419.D
 Acq: 07 Aug 2024 14:03



Tgt Ion:202 Resp: 3045667
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.0 12.0
 100 7.6 6.1 9.1





#82

Pyrene

Concen: 20.028 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Instrument :

BNA_P

ClientSampleId :

F7E25DL2

Tgt Ion:202 Resp: 1685078

Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

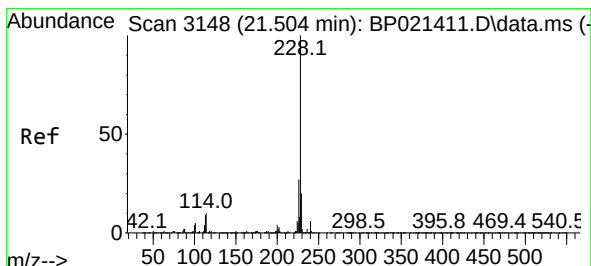
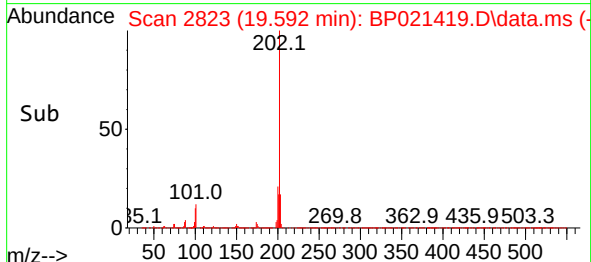
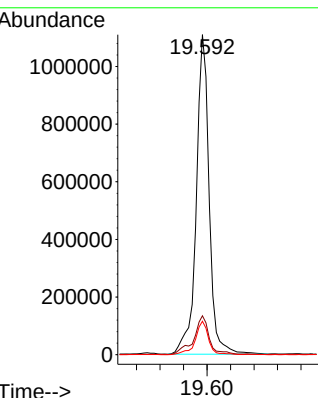
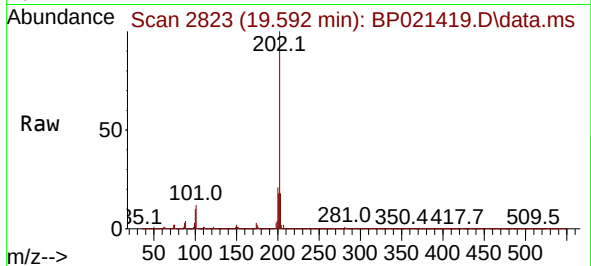
100 10.4 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#85

Benzo(a)anthracene

Concen: 9.908 ng/ul

RT: 21.498 min Scan# 3147

Delta R.T. -0.011 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

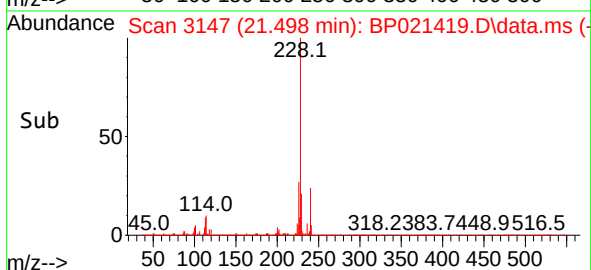
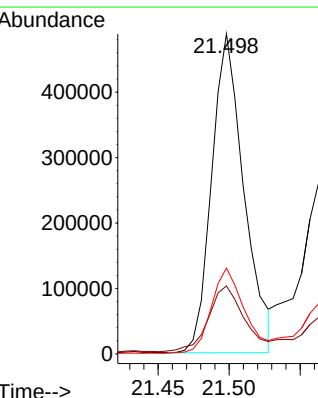
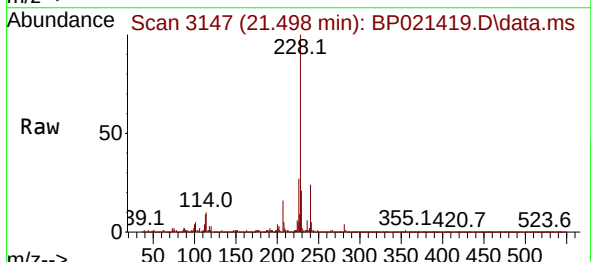
Tgt Ion:228 Resp: 768607

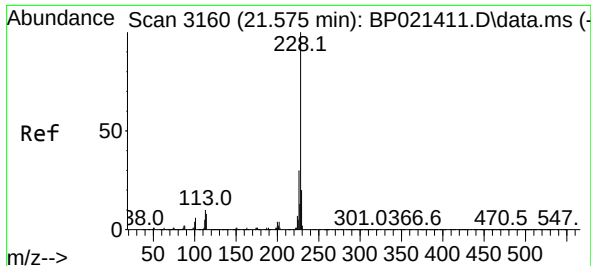
Ion Ratio Lower Upper

228 100

229 21.3 15.5 23.3

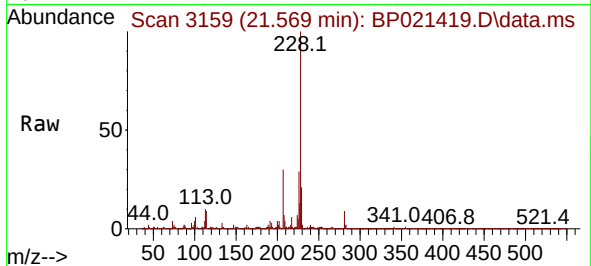
226 26.9 21.4 32.2





#87
Chrysene
Concen: 8.016 ng/ul
RT: 21.569 min Scan# 3160
Delta R.T. -0.017 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

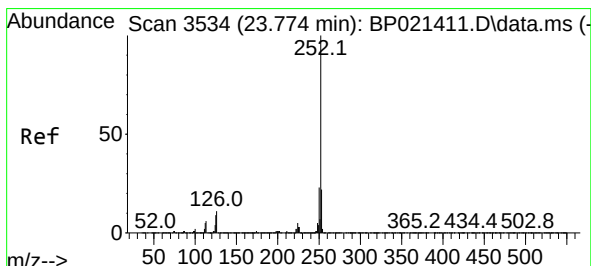
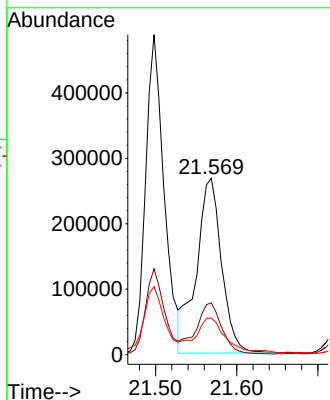
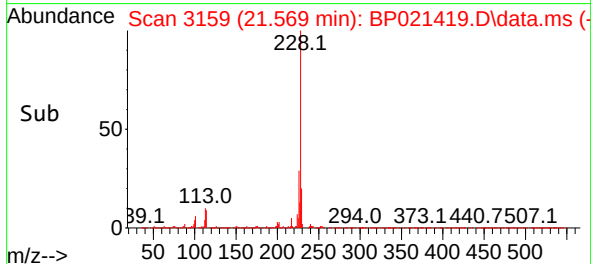
Instrument :
BNA_P
ClientSampleId :
F7E25DL2



Tgt Ion:228 Resp: 577830
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 20.7 15.5 23.3

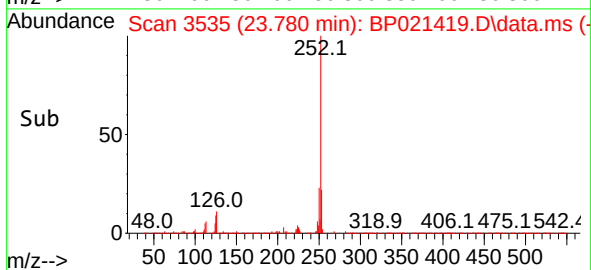
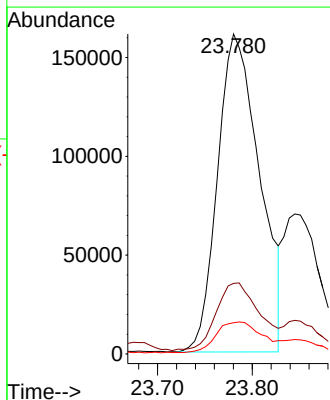
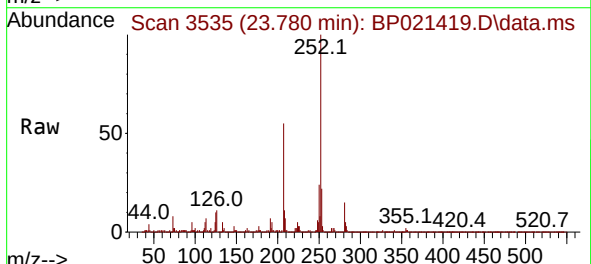
Manual Integrations
APPROVED

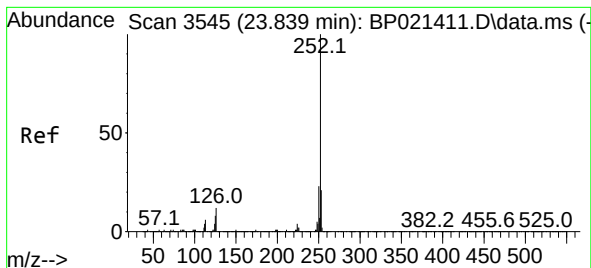
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#90
Benzo(b)fluoranthene
Concen: 6.304 ng/ul
RT: 23.780 min Scan# 3535
Delta R.T. -0.005 min
Lab File: BP021419.D
Acq: 07 Aug 2024 14:03

Tgt Ion:252 Resp: 497223
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.8 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.280 ng/u1

RT: 23.845 min Scan# 3545

Delta R.T. -0.005 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Instrument :

BNA_P

ClientSampleId :

F7E25DL2

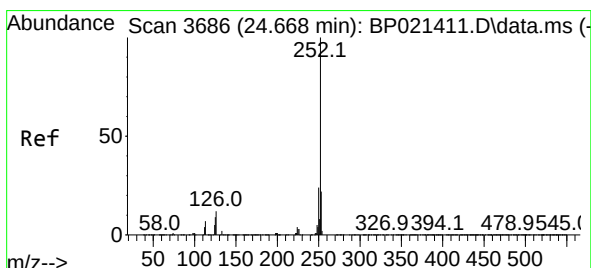
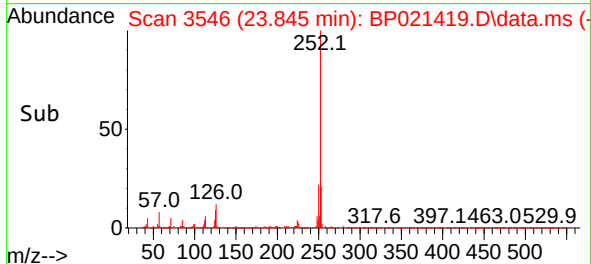
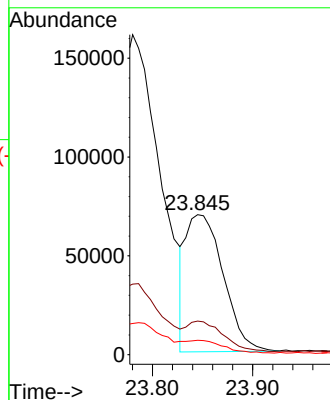
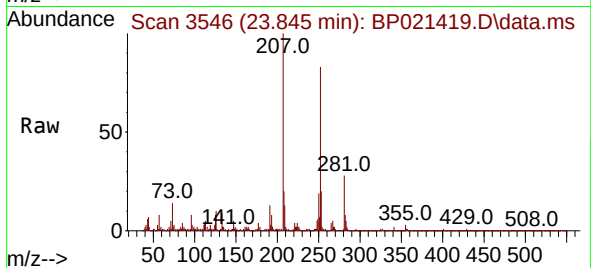
Tgt Ion:252 Resp: 179449
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 10.3 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#93

Benzo(a)pyrene

Concen: 2.106 ng/u1

RT: 24.668 min Scan# 3686

Delta R.T. -0.011 min

Lab File: BP021419.D

Acq: 07 Aug 2024 14:03

Tgt Ion:252 Resp: 156984
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 9.9 7.7 11.5

