

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
 Data File : BP021789.D
 Acq On : 03 Sep 2024 14:56
 Operator : RC/JU
 Sample : P3438-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCUT5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 09:19:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	270496	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.551	136	1036166	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.427	164	622344	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	1273764	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	1230363	20.000	ng/u1	0.03
88) Perylene-d12	25.121	264	1512658	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	23578	2.894	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	528086	18.293	ng/u1	-0.03
9) Bis-(2-Chloroethyl)eth...	7.093	67	288937	18.392	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.293	132	350071	18.784	ng/u1	-0.03
15) 4-Methylphenol-d8	8.463	113	394685	17.693	ng/u1	-0.02
21) Nitrobenzene-d5	8.910	128	167086	20.043	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.634	143	159453	18.844	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.169	165	388572	23.302	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.681	131	287398	11.847	ng/u1	-0.02
46) Dimethylphthalate-d6	13.816	166	924120	19.406	ng/u1	-0.02
49) Acenaphthylene-d8	14.110	160	1108124	20.726	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.639	143	143171	15.803	ng/u1	0.01
60) Fluorene-d10	15.433	176	815138	20.361	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	87799	12.532	ng/u1	0.00
73) Anthracene-d10	17.351	188	1200908	19.866	ng/u1	0.01
81) Pyrene-d10	19.715	212	1472696	20.939	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.874	264	1672911	20.740	ng/u1	0.03
Target Compounds					Qvalue	
52) Acenaphthene	14.492	153	4179698	103.364	ng/u1	99
61) Fluorene	15.504	166	3299947	72.929	ng/u1	100
71) Pentachlorophenol	16.886	266	975354	91.293	ng/u1	98
72) Phenanthrene	17.292	178	4989043	71.343	ng/u1	99
74) Anthracene	17.386	178	1693978	23.911	ng/u1	100
80) Fluoranthene	19.374	202	4464692	54.398	ng/u1	100
82) Pyrene	19.751	202	9959744	114.579	ng/u1	99
85) Benzo(a)anthracene	21.680	228	4295839	49.084	ng/u1	100
87) Chrysene	21.751	228	2625226	31.872	ng/u1	99
90) Benzo(b)fluoranthene	24.039	252	2624518	27.729	ng/u1	99
91) Benzo(k)fluoranthene	24.109	252	4000954	43.179	ng/u1	99
93) Benzo(a)pyrene	24.956	252	1895210	21.734	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	29.091	276	2880484m	25.620	ng/u1	
95) Dibenzo(a,h)anthracene	29.086	278	7576419	83.859	ng/u1	100

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

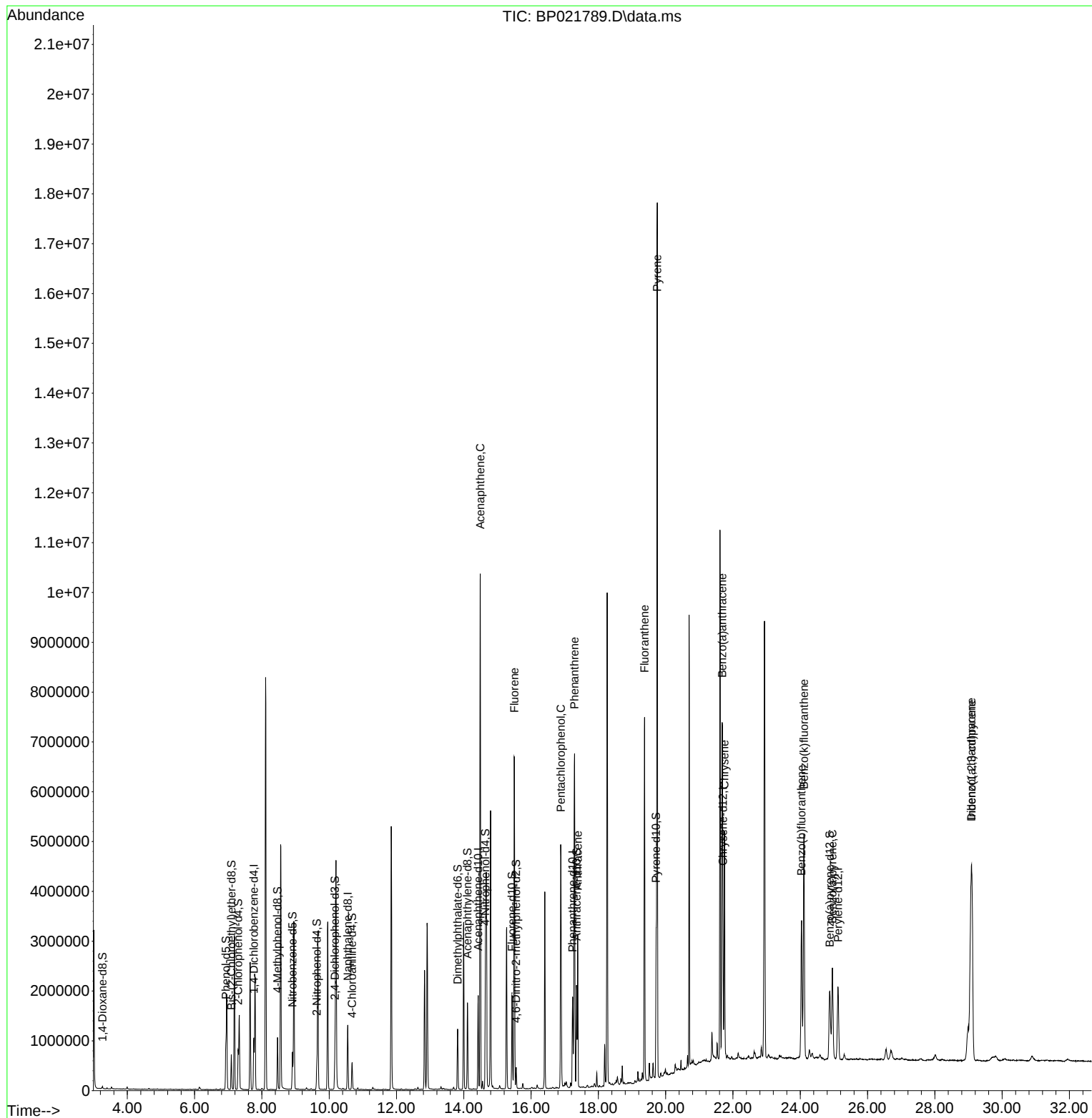
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021789.D
Acq On : 03 Sep 2024 14:56
Operator : RC/JU
Sample : P3438-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

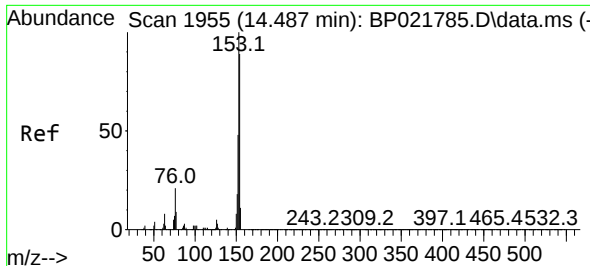
Instrument :
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ClientSampleId :
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Quant Time: Sep 04 09:19:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
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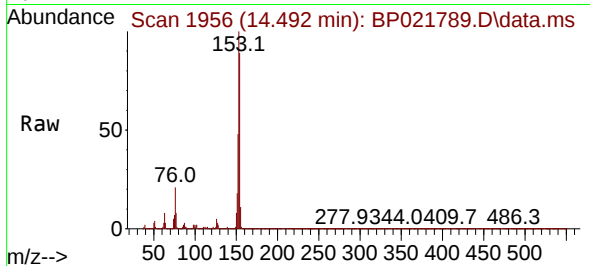
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024





#52
Acenaphthene
Concen: 103.364 ng/ul
RT: 14.492 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56

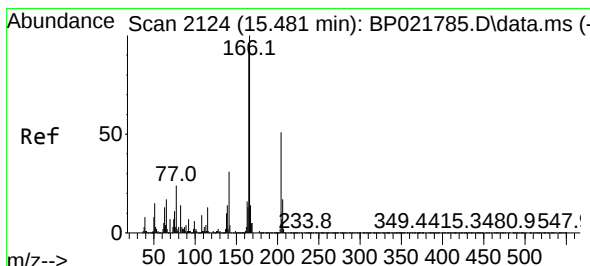
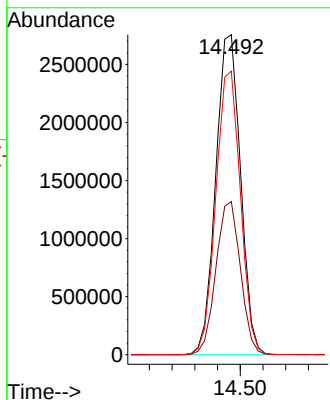
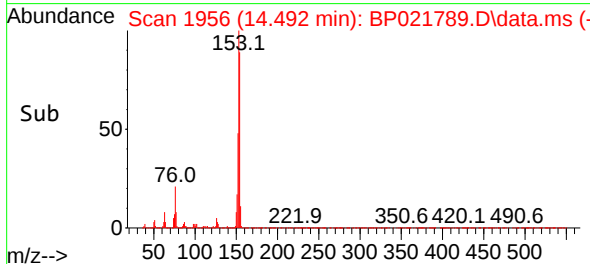
Instrument :
BNA_P
ClientSampleId :
DCUT5



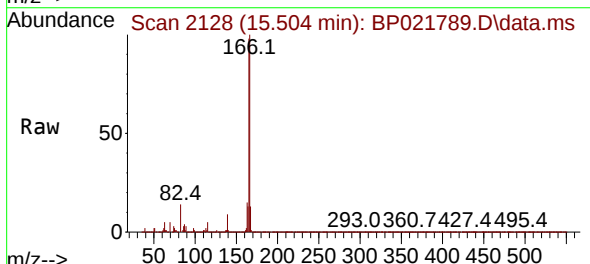
Tgt Ion:153 Resp: 4179698
Ion Ratio Lower Upper
153 100
152 47.9 38.0 57.0
154 88.6 70.2 105.4

Manual Integrations
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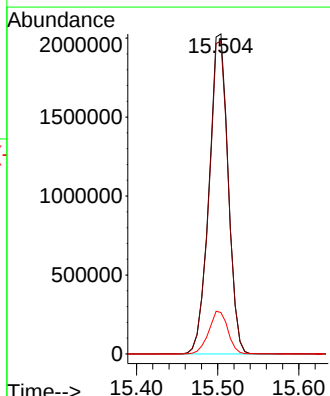
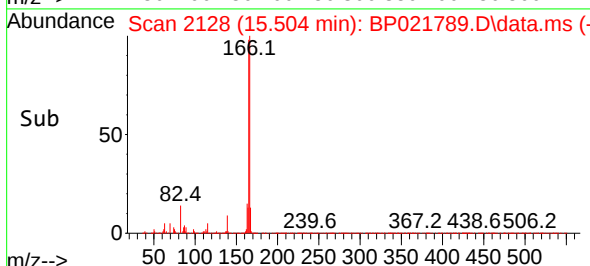
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

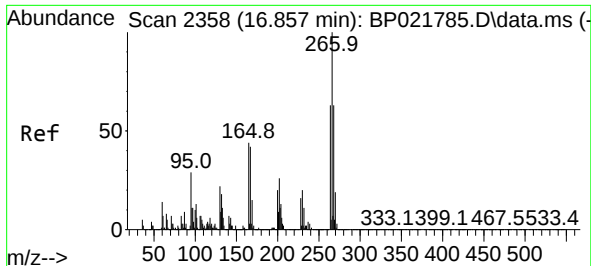


#61
Fluorene
Concen: 72.929 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. 0.005 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56



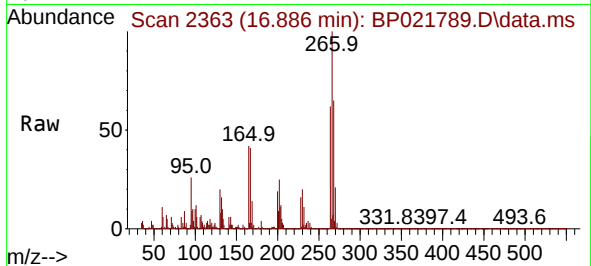
Tgt Ion:166 Resp: 3299947
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.0 10.8 16.2





#71
Pentachlorophenol
Concen: 91.293 ng/ul
RT: 16.886 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56

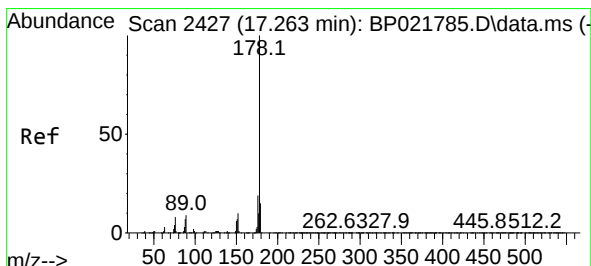
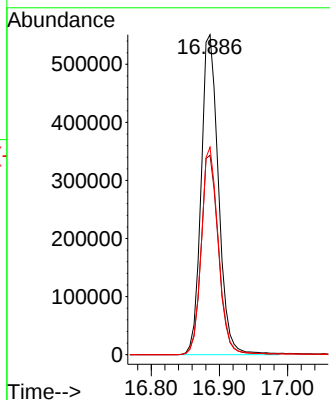
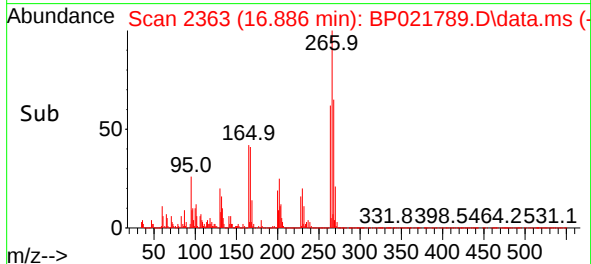
Instrument :
BNA_P
ClientSampleId :
DCUT5



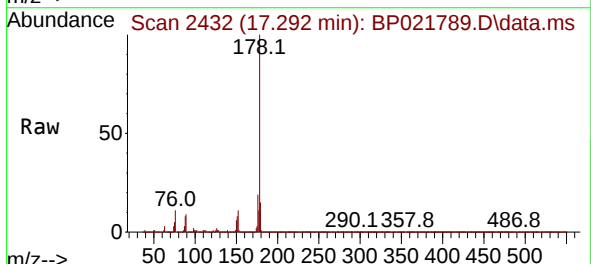
Tgt Ion:266 Resp: 975354
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 64.8 50.6 75.8

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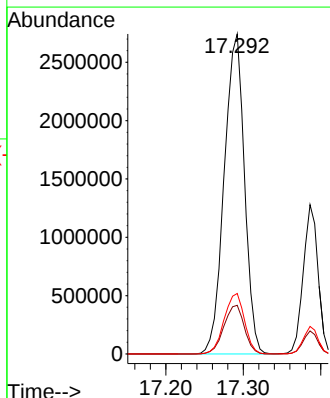
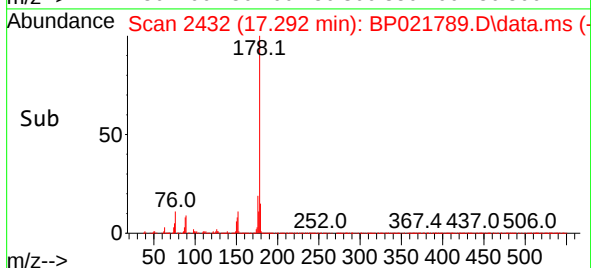
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

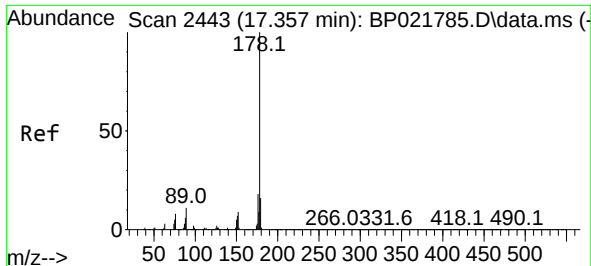


#72
Phenanthrene
Concen: 71.343 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.017 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56



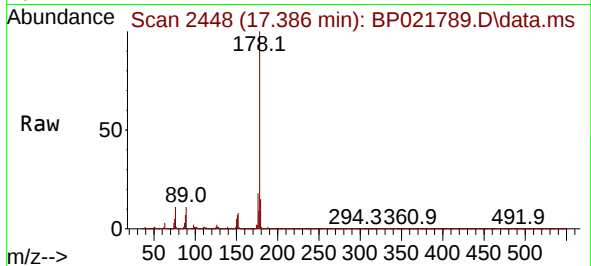
Tgt Ion:178 Resp: 4989043
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 18.9 14.8 22.2





#74
 Anthracene
 Concen: 23.911 ng/ul
 RT: 17.386 min Scan# 2443
 Delta R.T. 0.017 min
 Lab File: BP021789.D
 Acq: 03 Sep 2024 14:56

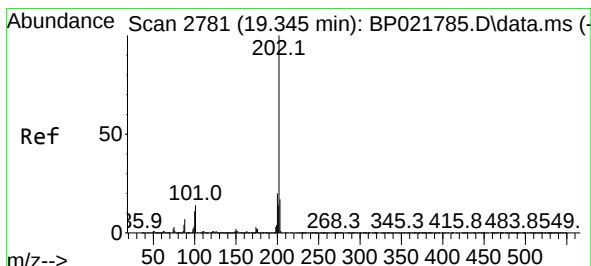
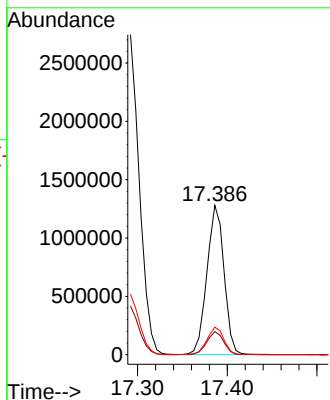
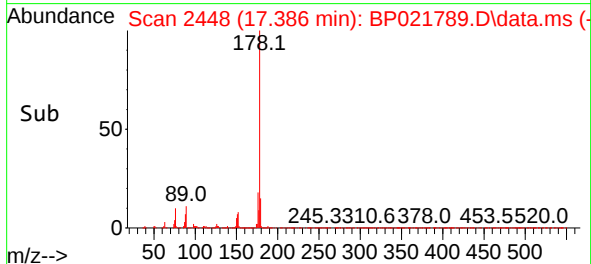
Instrument :
 BNA_P
 ClientSampleId :
 DCUT5



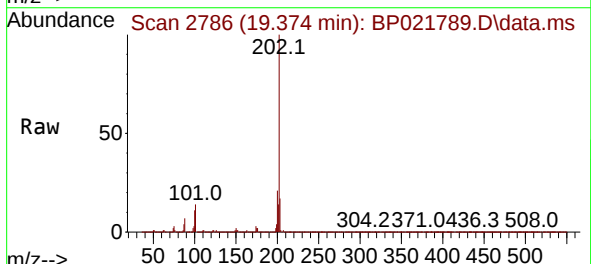
Tgt Ion:178 Resp: 1693978
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.5 14.6 21.8

Manual Integrations
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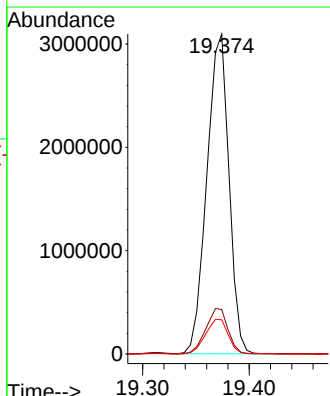
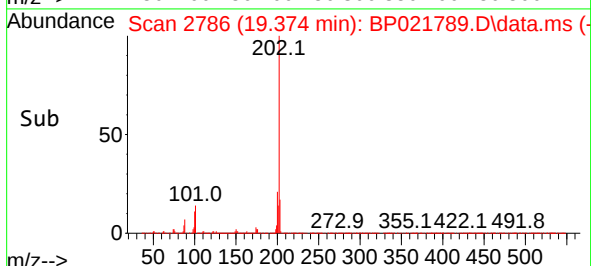
Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/07/2024

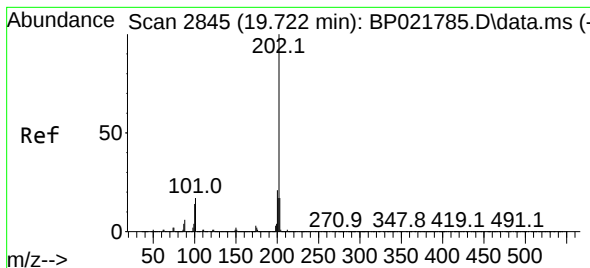


#80
 Fluoranthene
 Concen: 54.398 ng/ul
 RT: 19.374 min Scan# 2786
 Delta R.T. 0.029 min
 Lab File: BP021789.D
 Acq: 03 Sep 2024 14:56



Tgt Ion:202 Resp: 4464692
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.2 16.8
 100 10.7 8.5 12.7





#82

Pyrene

Concen: 114.579 ng/ul

RT: 19.751 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

Instrument :

BNA_P

ClientSampleId :

DCUT5

Tgt Ion:202 Resp: 995974

Ion Ratio Lower Upper

202 100

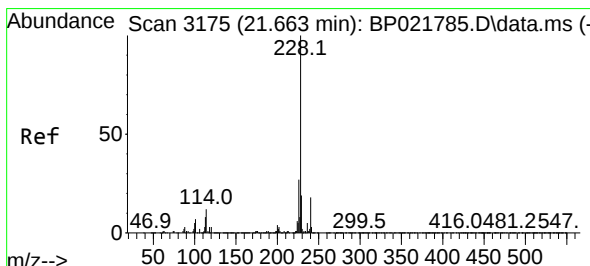
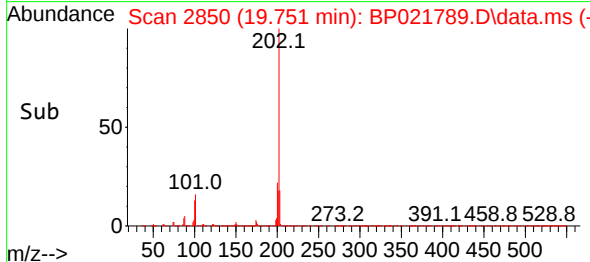
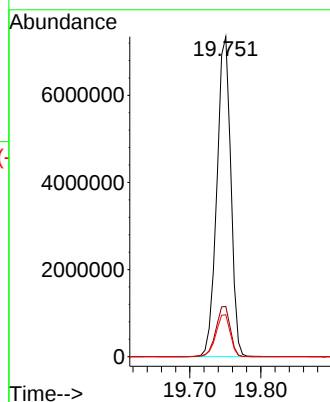
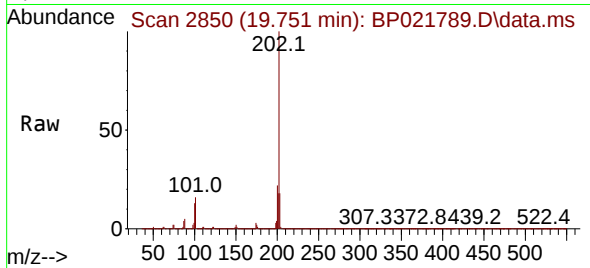
101 15.7 12.8 19.2

100 13.1 10.8 16.2

Manual Integrations

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Supervised By :mohammad ahmed 09/07/2024



#85

Benzo(a)anthracene

Concen: 49.084 ng/ul

RT: 21.680 min Scan# 3178

Delta R.T. 0.035 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

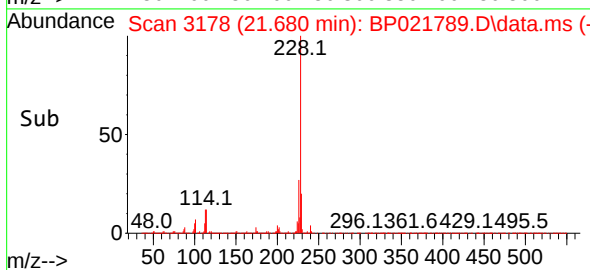
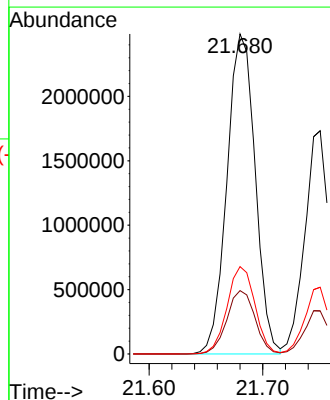
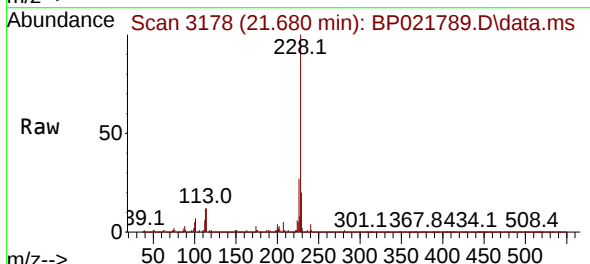
Tgt Ion:228 Resp: 4295839

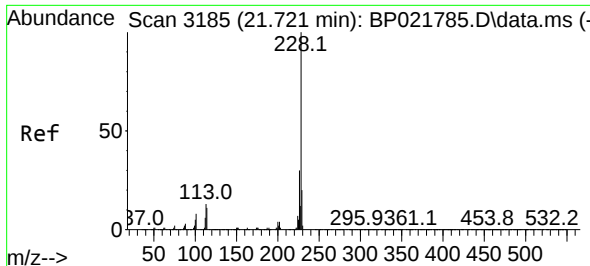
Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

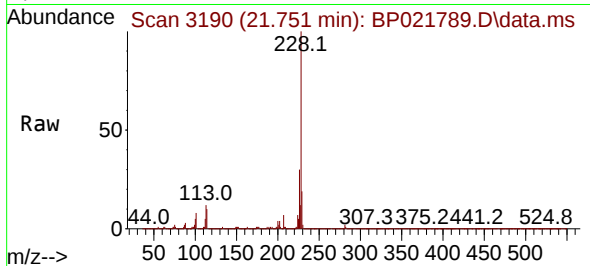
226 27.3 21.7 32.5





#87
Chrysene
Concen: 31.872 ng/ul
RT: 21.751 min Scan# 3185
Delta R.T. 0.035 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56

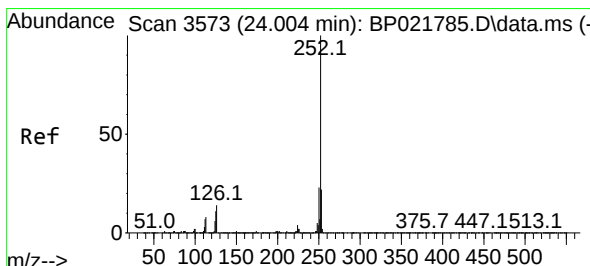
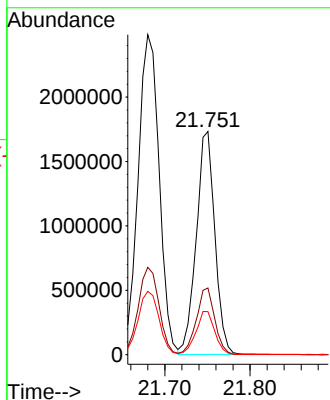
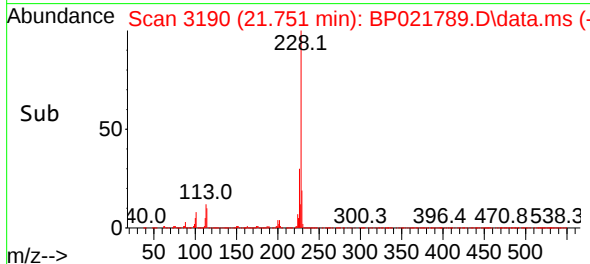
Instrument :
BNA_P
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Tgt Ion:228 Resp: 2625220
Ion Ratio Lower Upper
228 100
226 29.9 23.5 35.3
229 19.3 15.6 23.4

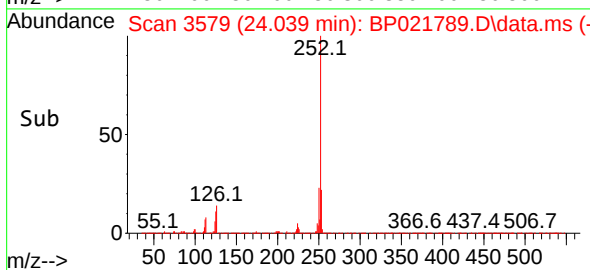
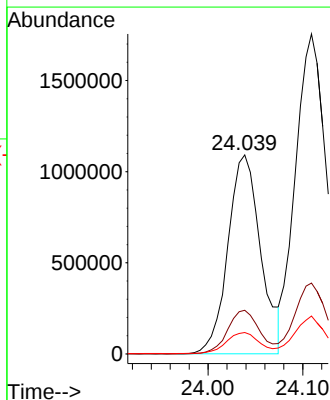
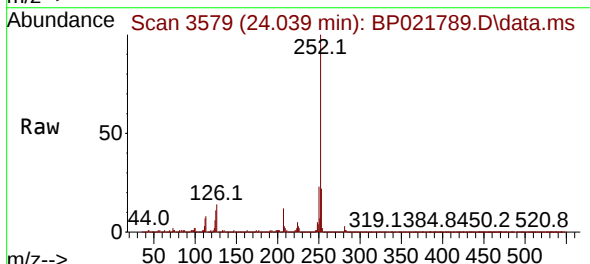
Manual Integrations
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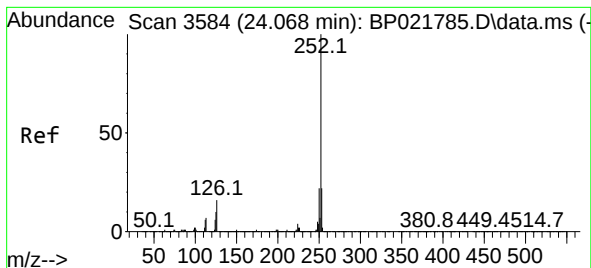
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024



#90
Benzo(b)fluoranthene
Concen: 27.729 ng/ul
RT: 24.039 min Scan# 3579
Delta R.T. 0.047 min
Lab File: BP021789.D
Acq: 03 Sep 2024 14:56

Tgt Ion:252 Resp: 2624518
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.8 8.6 12.8





#91

Benzo(k)fluoranthene

Concen: 43.179 ng/u1

RT: 24.109 min Scan# 31

Delta R.T. 0.053 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

Instrument :

BNA_P

ClientSampleId :

DCUT5

Tgt Ion:252 Resp: 4000954

Ion Ratio Lower Upper

252 100

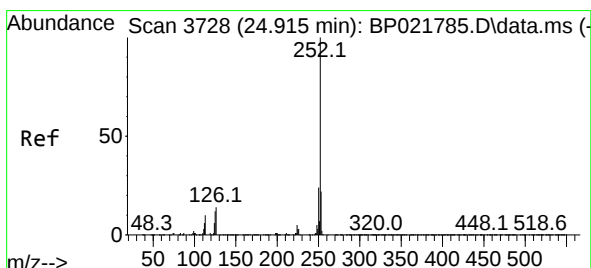
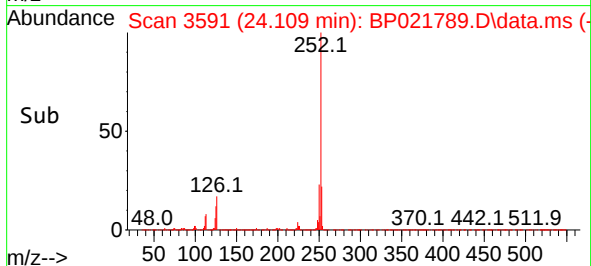
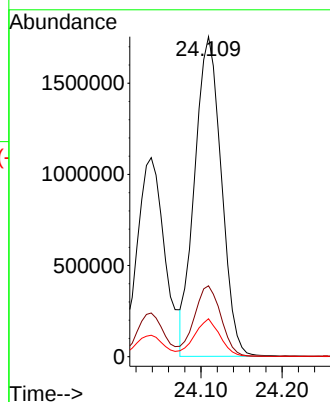
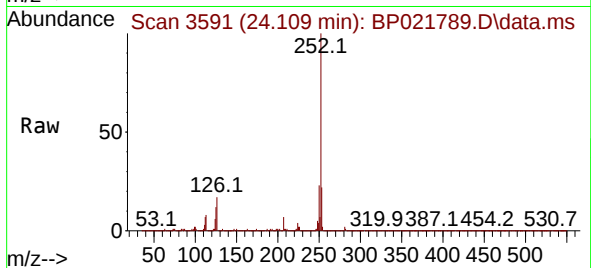
253 22.1 17.8 26.8

125 11.8 8.6 13.0

Manual Integrations

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Supervised By :mohammad ahmed 09/07/2024



#93

Benzo(a)pyrene

Concen: 21.734 ng/u1

RT: 24.956 min Scan# 3735

Delta R.T. 0.047 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

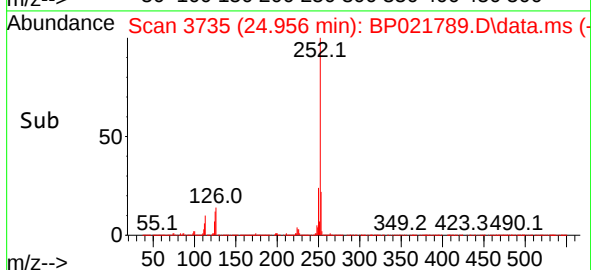
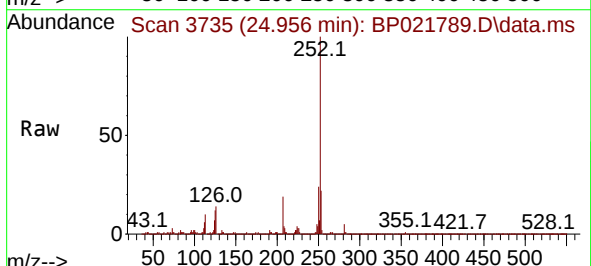
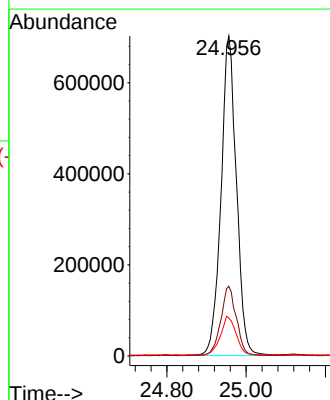
Tgt Ion:252 Resp: 1895210

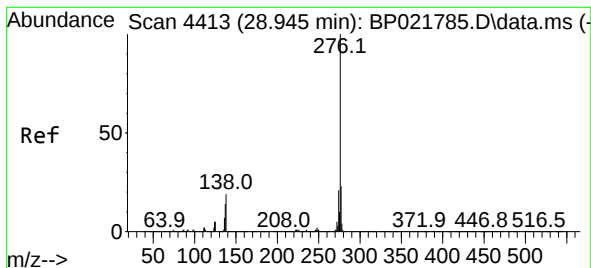
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.9 9.6 14.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 25.620 ng/ul m

RT: 29.091 min Scan# 4413

Delta R.T. 0.164 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

Instrument :

BNA_P

ClientSampleId :

DCUT5

Tgt Ion:276 Resp: 288048

Ion Ratio Lower Upper

276 100

138 49.7 14.9 22.3

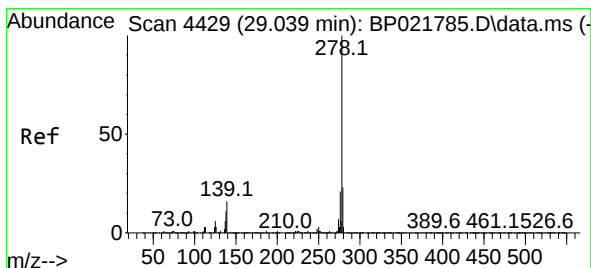
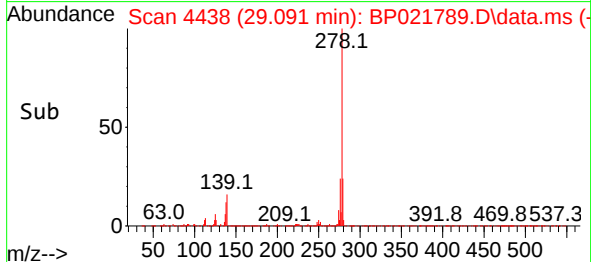
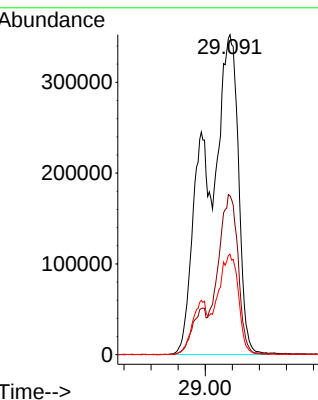
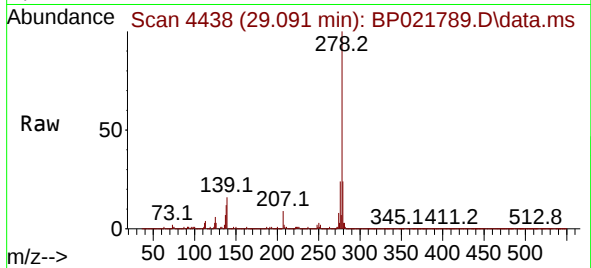
277 31.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 83.859 ng/ul

RT: 29.086 min Scan# 4437

Delta R.T. 0.070 min

Lab File: BP021789.D

Acq: 03 Sep 2024 14:56

Tgt Ion:278 Resp: 7576419

Ion Ratio Lower Upper

278 100

139 16.0 12.7 19.1

279 23.7 18.9 28.3

