

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015771.D
 Acq On : 28 Jun 2023 10:26
 Operator : MA/JU
 Sample : 03101-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

Quant Time: Jun 28 22:14:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	191927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	701874	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	362183	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	711270	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	688958	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	874389	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	22508	4.219	ng/uL	0.00
4) Pyridine-d5	3.828	84	201876	15.013	ng/u1	0.00
7) Phenol-d5	7.234	99	332508	20.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	235798	23.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	288240	23.252	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	224147	17.278	ng/u1	0.00
21) Nitrobenzene-d5	9.245	128	125878	23.467	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	140577	22.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	213833	19.167	ng/u1	0.02
31) 4-Chloroaniline-d4	11.063	131	238795	16.663	ng/u1	0.02
46) Dimethylphthalate-d6	14.122	166	673965	24.075	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	770557	24.486	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	51995m	14.075	ng/u1	0.05
60) Fluorene-d10	15.710	176	545000	23.644	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	51219m	11.709	ng/u1	0.02
73) Anthracene-d10	17.574	188	790184	24.321	ng/u1	0.00
81) Pyrene-d10	19.798	212	1006375	22.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1158723	26.270	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.510	178	545607	14.120	ng/u1	99
74) Anthracene	17.610	178	85656	2.206	ng/u1	97
77) Carbazole	17.898	167	62748	1.917	ng/u1	98
80) Fluoranthene	19.474	202	1013101	18.120	ng/u1	98
82) Pyrene	19.827	202	772133	13.538	ng/u1	96
85) Benzo(a)anthracene	21.545	228	285639	5.894	ng/u1	97
87) Chrysene	21.598	228	304326	6.618	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	401600	7.148	ng/u1	96
91) Benzo(k)fluoranthene	23.368	252	128012	2.255	ng/u1#	92
93) Benzo(a)pyrene	23.992	252	252433	5.142	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.809	276	194851	2.924	ng/u1	98
96) Benzo(g,h,i)perylene	27.644	276	178484	3.255	ng/u1#	95

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

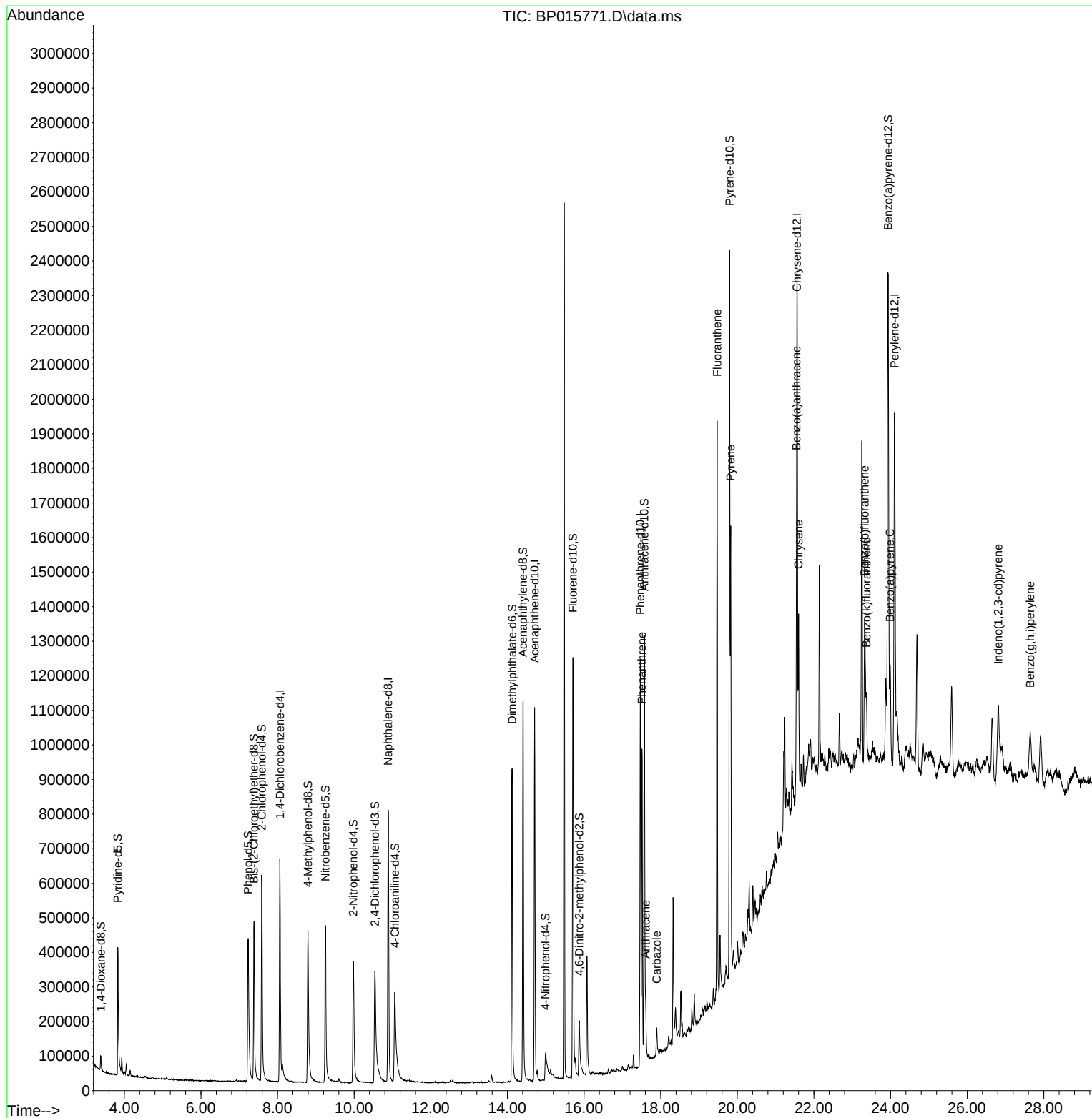
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015771.D
Acq On : 28 Jun 2023 10:26
Operator : MA/JU
Sample : 03101-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

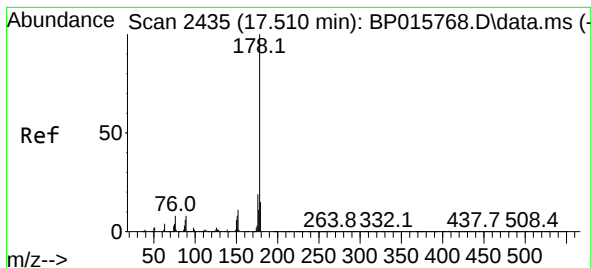
Instrument :
BNA_P
ClientSampleId :
EZEM0

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 14.120 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

Instrument :

BNA_P

ClientSampleId :

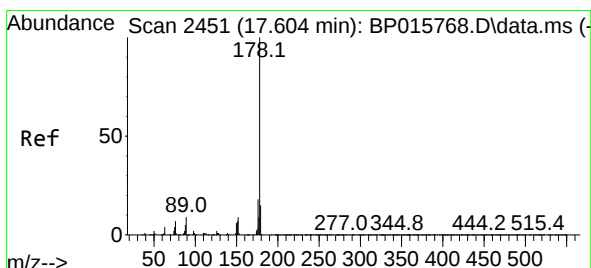
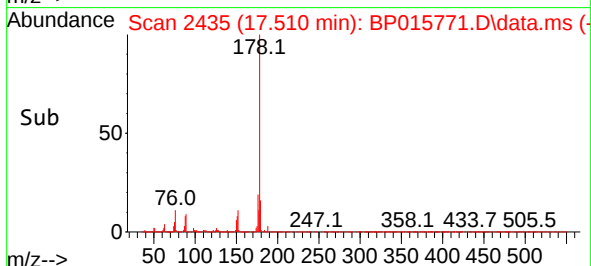
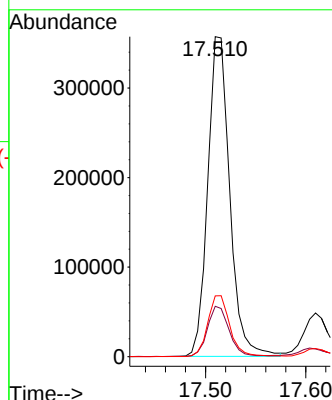
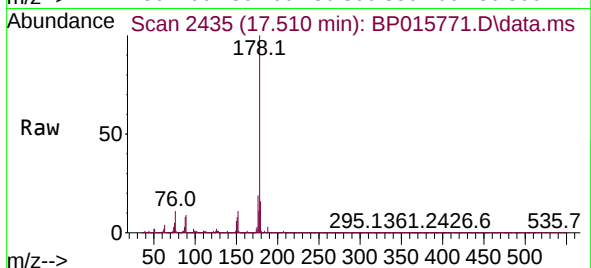
EZEM0

Tgt Ion:178	Resp: 54560
Ion Ratio	Lower Upper
178 100	
179 15.7	12.4 18.6
176 19.0	15.6 23.4

Manual Integrations

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#74

Anthracene

Concen: 2.206 ng/ul

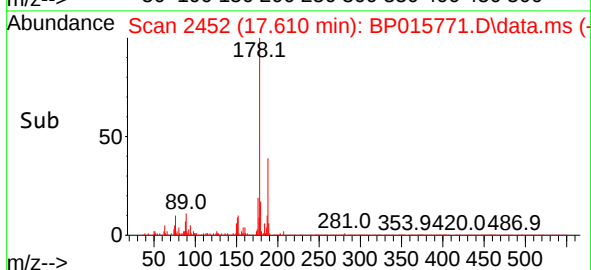
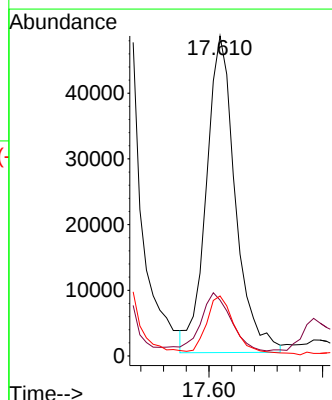
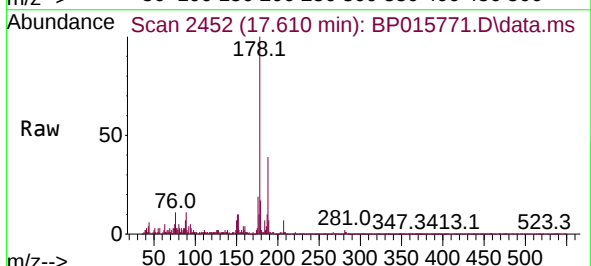
RT: 17.610 min Scan# 2452

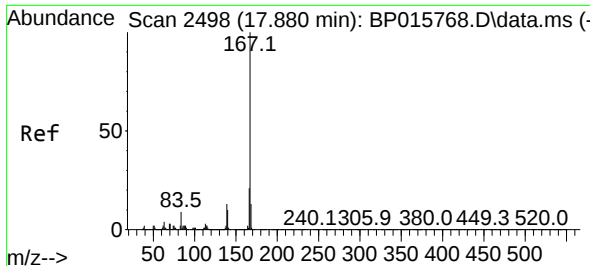
Delta R.T. -0.000 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

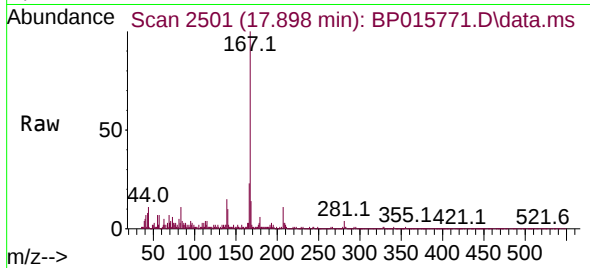
Tgt Ion:178	Resp: 85656
Ion Ratio	Lower Upper
178 100	
179 17.4	12.1 18.1
176 18.7	14.6 22.0





#77
 Carbazole
 Concen: 1.917 ng/ul
 RT: 17.898 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP015771.D
 Acq: 28 Jun 2023 10:26

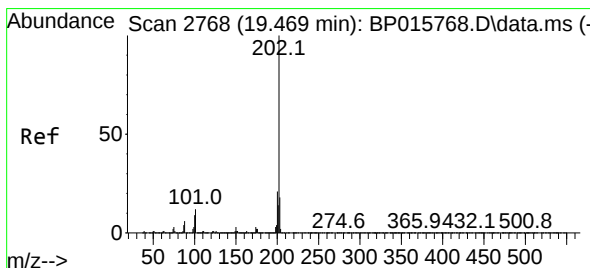
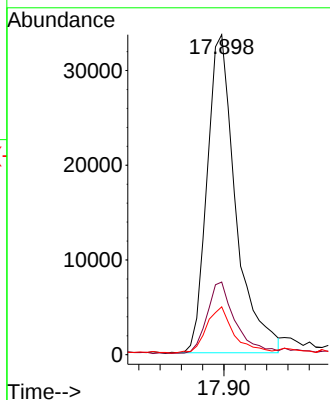
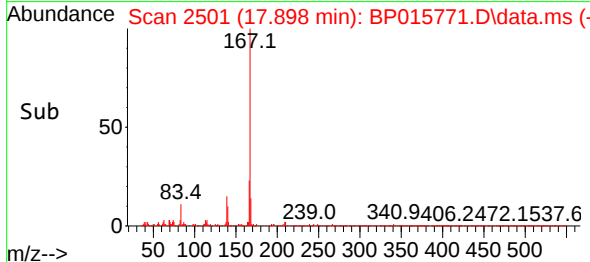
Instrument :
 BNA_P
 ClientSampleId :
 EZEM0



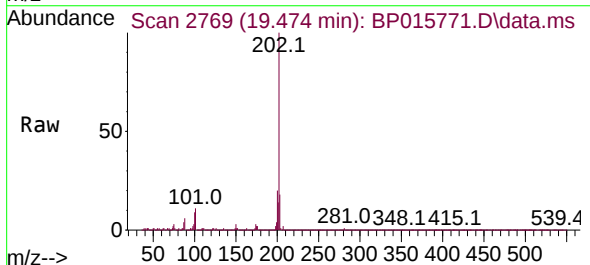
Tgt Ion:167 Resp: 62748
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 14.9 11.0 16.4

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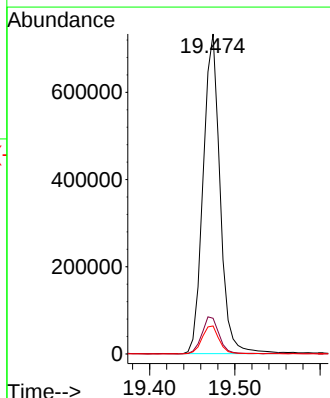
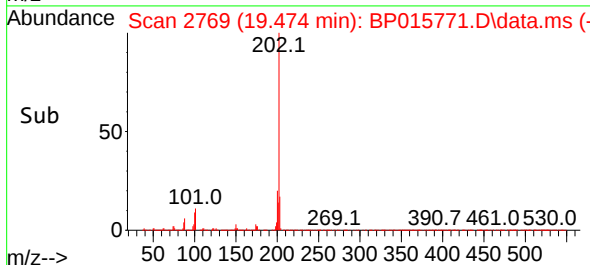
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

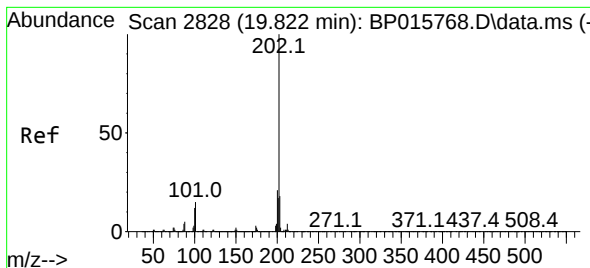


#80
 Fluoranthene
 Concen: 18.120 ng/ul
 RT: 19.474 min Scan# 2769
 Delta R.T. -0.000 min
 Lab File: BP015771.D
 Acq: 28 Jun 2023 10:26



Tgt Ion:202 Resp: 1013101
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.3 12.5
 100 8.8 6.6 9.8





#82

Pyrene

Concen: 13.538 ng/ul

RT: 19.827 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

Instrument :

BNA_P

ClientSampleId :

EZEM0

Tgt Ion:202 Resp: 77213

Ion Ratio Lower Upper

202 100

101 12.8 9.3 13.9

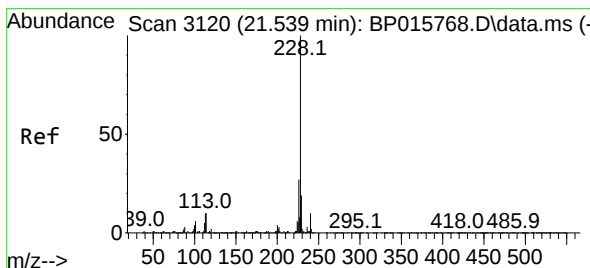
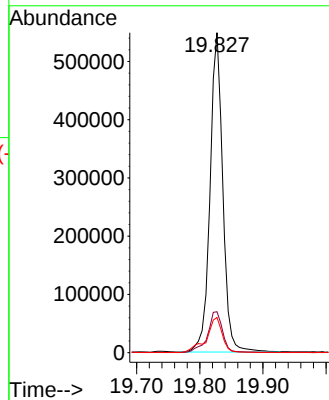
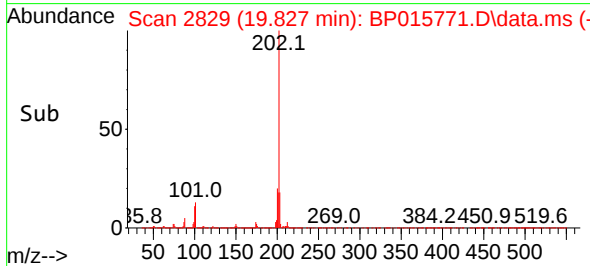
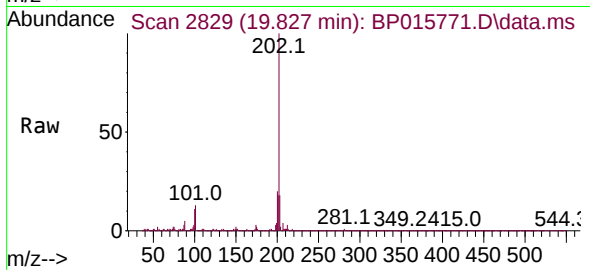
100 11.0 7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2023



#85

Benzo(a)anthracene

Concen: 5.894 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

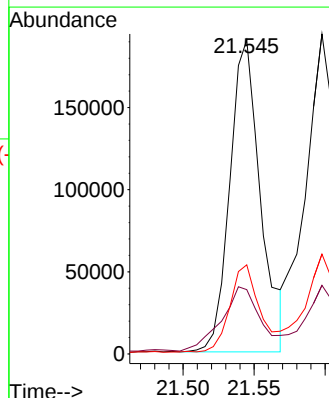
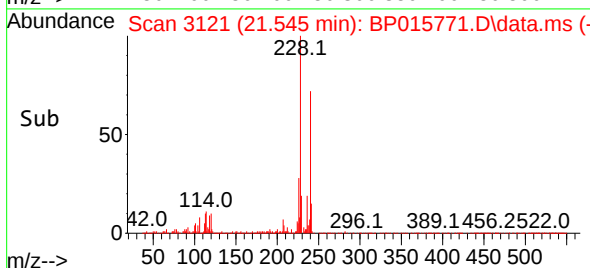
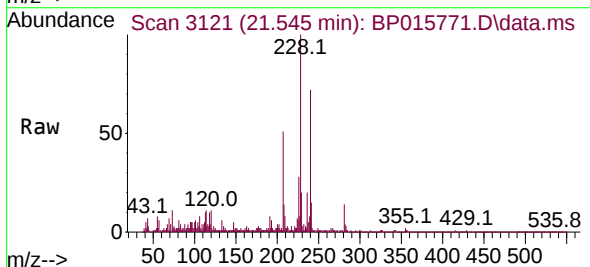
Tgt Ion:228 Resp: 285639

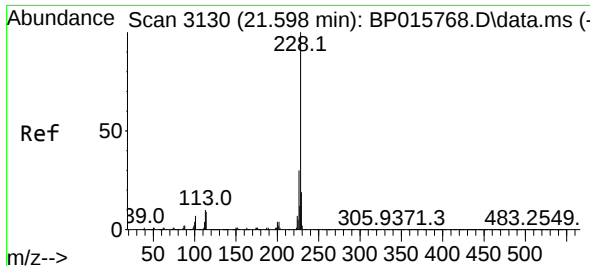
Ion Ratio Lower Upper

228 100

229 20.5 15.3 22.9

226 28.4 21.4 32.0





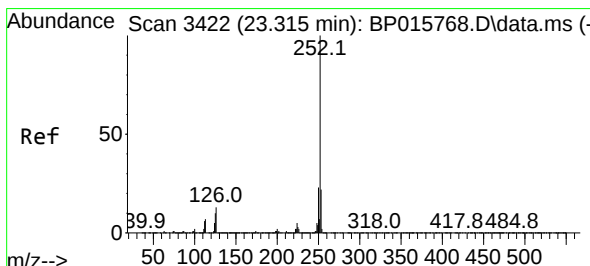
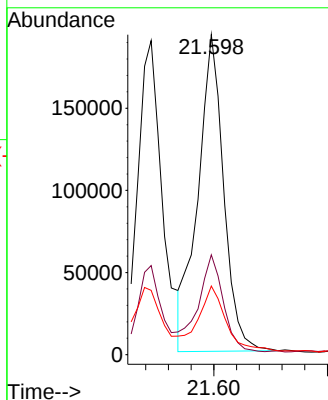
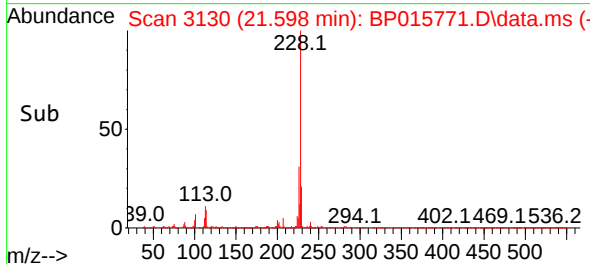
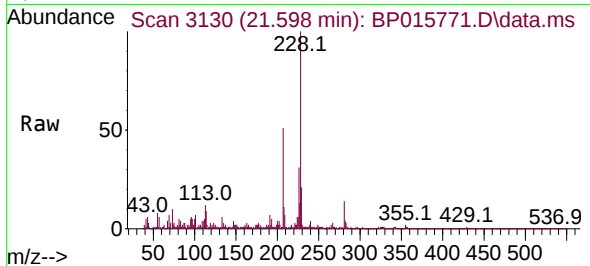
#87
Chrysene
Concen: 6.618 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015771.D
Acq: 28 Jun 2023 10:26

Instrument :
BNA_P
ClientSampleId :
EZEM0

Tgt Ion:228 Resp: 304320
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 21.5 15.5 23.3

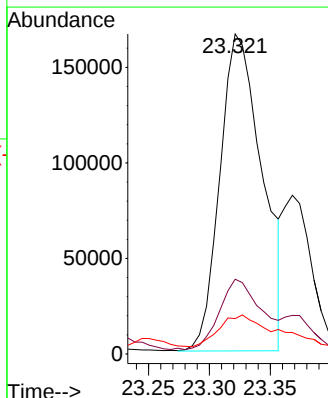
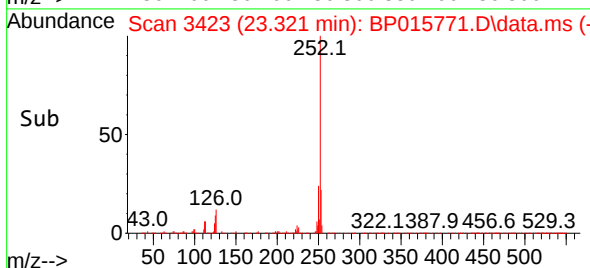
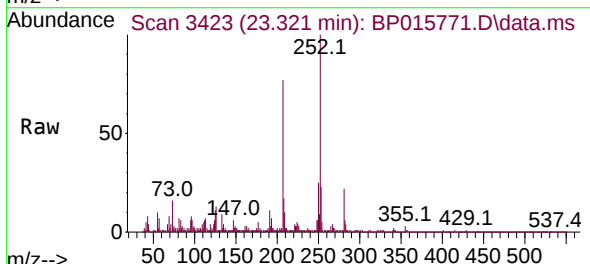
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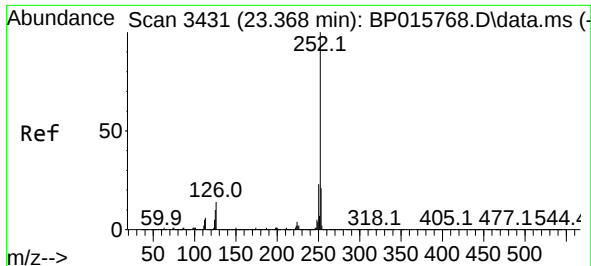
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023



#90
Benzo(b)fluoranthene
Concen: 7.148 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BP015771.D
Acq: 28 Jun 2023 10:26

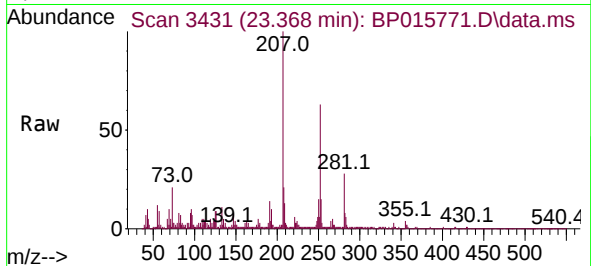
Tgt Ion:252 Resp: 401600
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 11.0 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 2.255 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015771.D
Acq: 28 Jun 2023 10:26

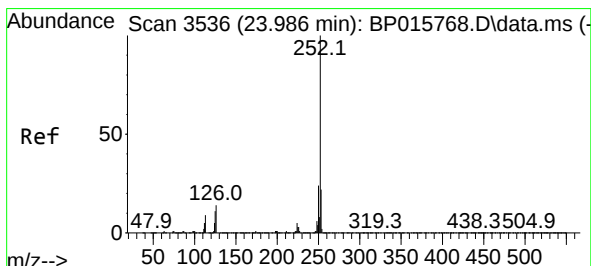
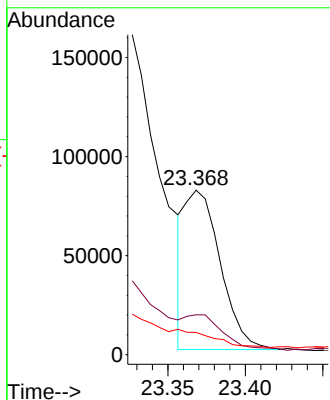
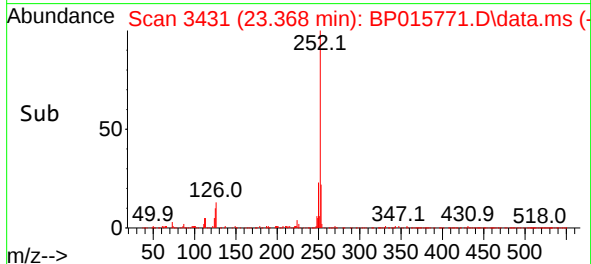
Instrument :
BNA_P
ClientSampleId :
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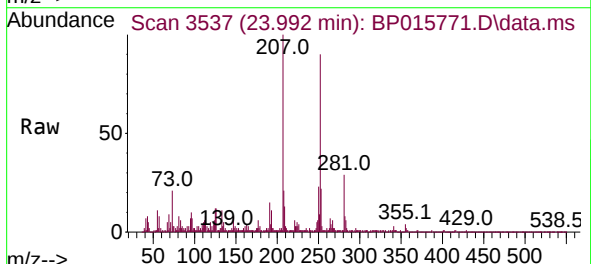
Tgt Ion:252 Resp: 128012
Ion Ratio Lower Upper
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253 24.3 17.0 25.4
125 13.5 7.3 10.9

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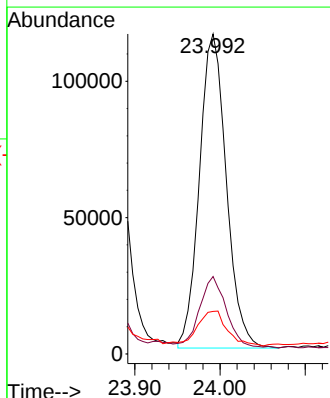
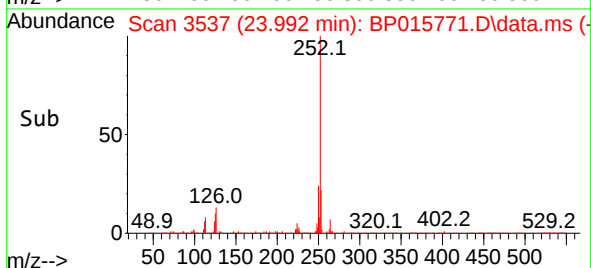
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023

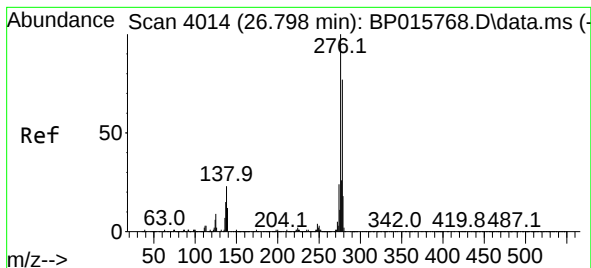


#93
Benzo(a)pyrene
Concen: 5.142 ng/ul
RT: 23.992 min Scan# 3537
Delta R.T. -0.012 min
Lab File: BP015771.D
Acq: 28 Jun 2023 10:26



Tgt Ion:252 Resp: 252433
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 13.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.924 ng/ul

RT: 26.809 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

Instrument :

BNA_P

ClientSampleId :

EZEM0

Tgt Ion:276 Resp: 19485

Ion Ratio Lower Upper

276 100

138 22.0 15.7 23.5

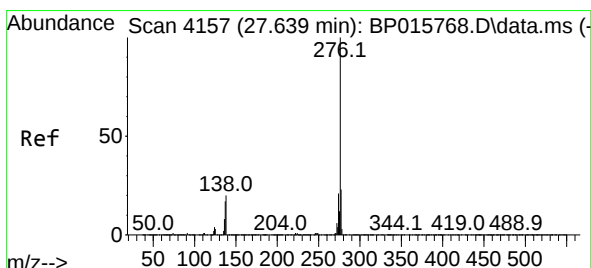
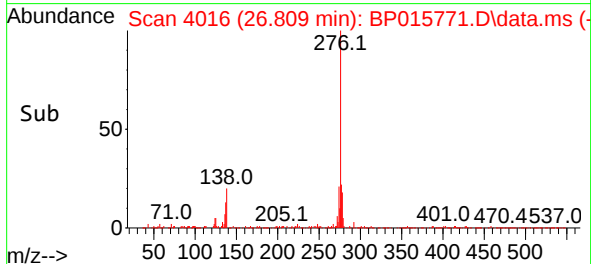
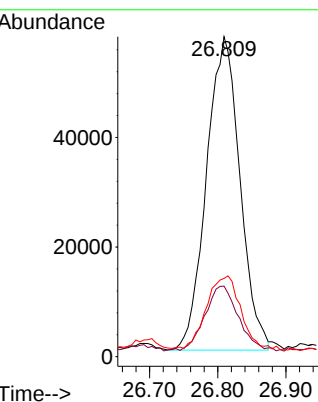
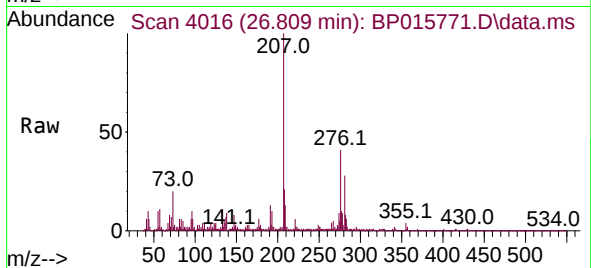
277 24.5 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2023



#96

Benzo(g,h,i)perylene

Concen: 3.255 ng/ul

RT: 27.644 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015771.D

Acq: 28 Jun 2023 10:26

Tgt Ion:276 Resp: 178484

Ion Ratio Lower Upper

276 100

138 22.8 15.1 22.7#

277 24.4 18.8 28.2

