

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015622.D
 Acq On : 20 Jun 2023 15:21
 Operator : MA/JU
 Sample : 03080-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Quant Time: Jun 20 22:46:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	99407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	441062	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	291508	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	721302	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	738176	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	800852	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5658	2.108	ng/uL	0.00
4) Pyridine-d5	3.852	84	61302	8.791	ng/u1	0.00
7) Phenol-d5	7.252	99	129009	14.087	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.411	67	81450	14.892	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	102698	15.467	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	84468	11.238	ng/u1	0.01
21) Nitrobenzene-d5	9.269	128	54121	15.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	62807	15.883	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	107298	14.874	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	87233	8.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	403947	17.573	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	462602	18.404	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	48524	11.788	ng/u1	0.03
60) Fluorene-d10	15.722	176	360372	18.591	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	46819	10.246	ng/u1	0.00
73) Anthracene-d10	17.586	188	594617	18.118	ng/u1	0.00
81) Pyrene-d10	19.810	212	812112	20.555	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	757951	18.862	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	153570	3.967	ng/u1	100
80) Fluoranthene	19.486	202	421782	8.764	ng/u1	99
82) Pyrene	19.839	202	378579	7.604	ng/u1	98
85) Benzo(a)anthracene	21.551	228	248522	4.816	ng/u1	96
87) Chrysene	21.610	228	284885	5.841	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	419767	8.120	ng/u1	98
91) Benzo(k)fluoranthene	23.380	252	133067m	2.663	ng/u1	
93) Benzo(a)pyrene	24.004	252	304147	6.748	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	227641	3.903	ng/u1	96
95) Dibenzo(a,h)anthracene	26.815	278	63396	1.334	ng/u1#	70
96) Benzo(g,h,i)perylene	27.651	276	266500	5.544	ng/u1	97

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

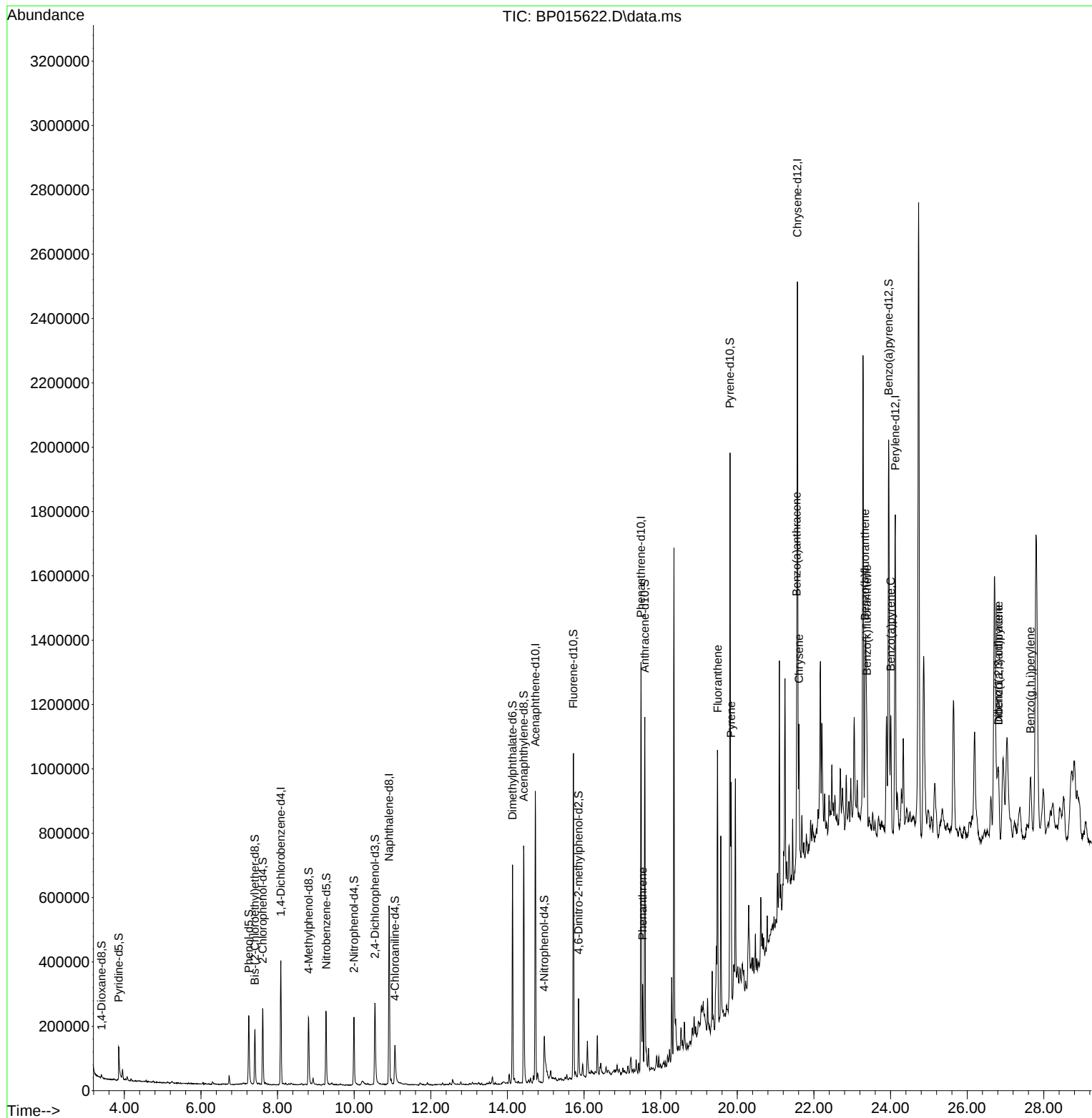
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015622.D
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 ALS Vial : 6 Sample Multiplier: 1

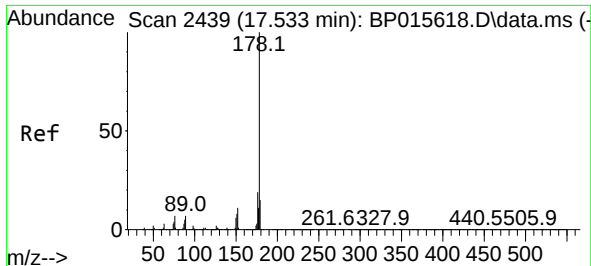
Instrument :
 BNA_P
 ClientSampleId :
 DCFH3

Quant Time: Jun 20 22:46:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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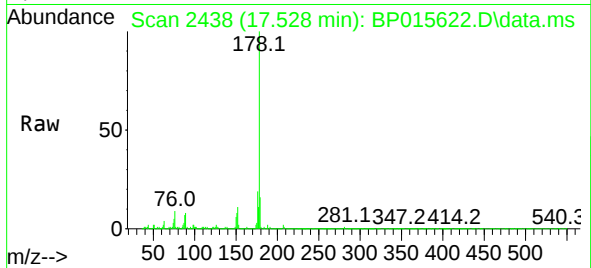
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023





#72
Phenanthrene
Concen: 3.967 ng/ul
RT: 17.528 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP015622.D
Acq: 20 Jun 2023 15:21

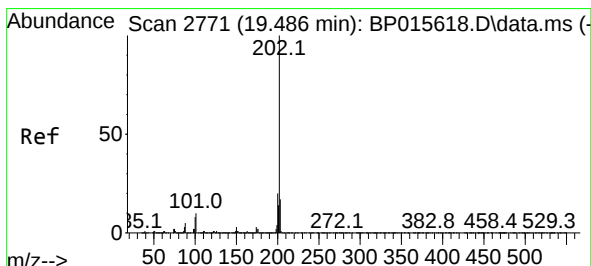
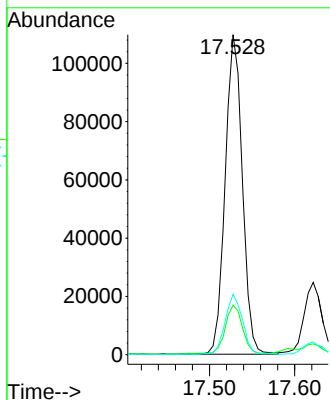
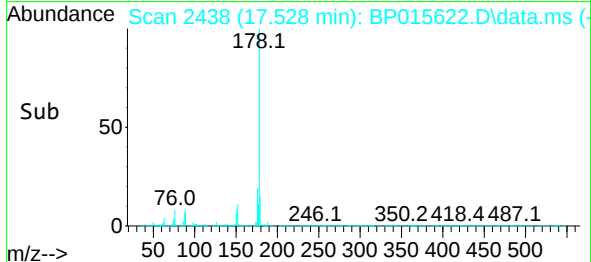
Instrument :
BNA_P
Client Sample Id :
DCFH3



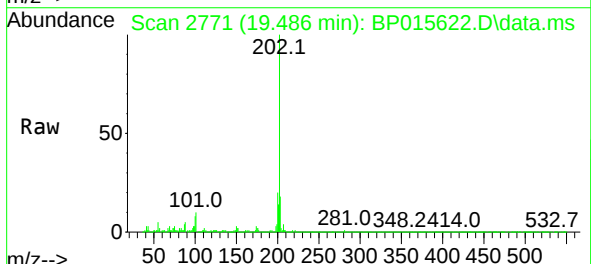
Tgt Ion:178 Resp: 153570
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.9 15.4 23.0

Manual Integrations
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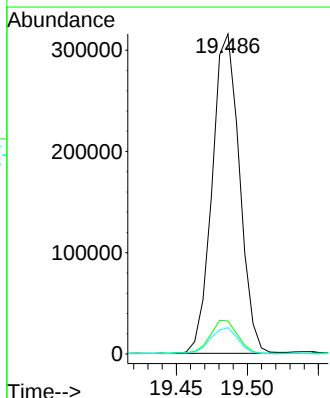
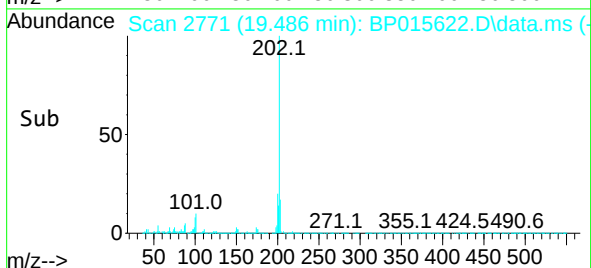
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

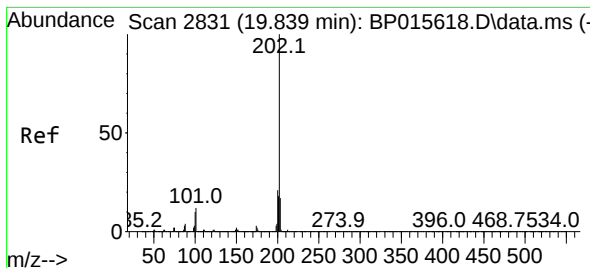


#80
Fluoranthene
Concen: 8.764 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015622.D
Acq: 20 Jun 2023 15:21



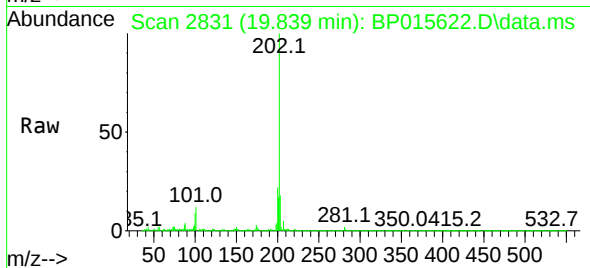
Tgt Ion:202 Resp: 421782
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 8.2 6.6 9.8





#82
Pyrene
Concen: 7.604 ng/ul
RT: 19.839 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015622.D
Acq: 20 Jun 2023 15:21

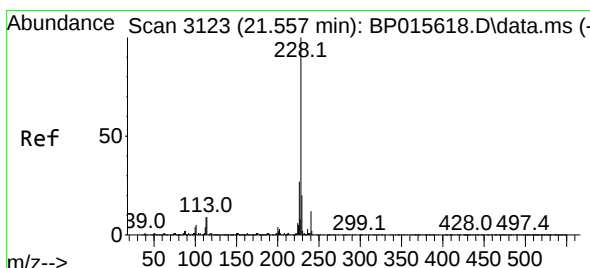
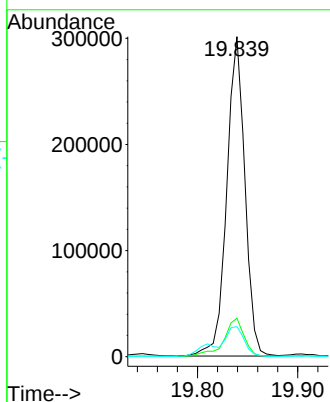
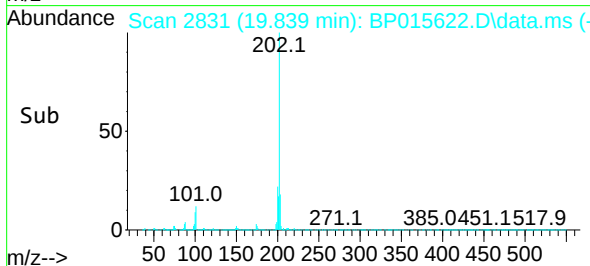
Instrument :
BNA_P
ClientSampleId :
DCFH3



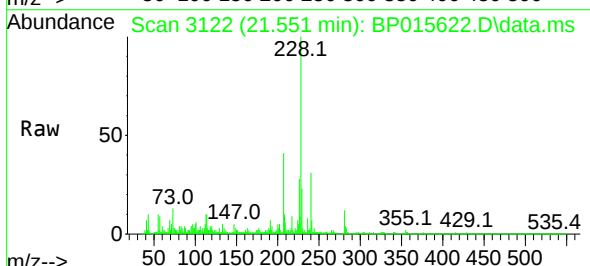
Tgt Ion:202 Resp: 378579
Ion Ratio Lower Upper
202 100
101 12.0 9.9 14.9
100 9.4 8.4 12.6

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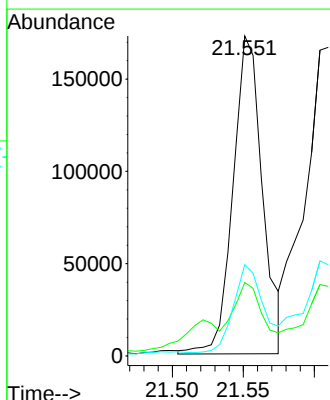
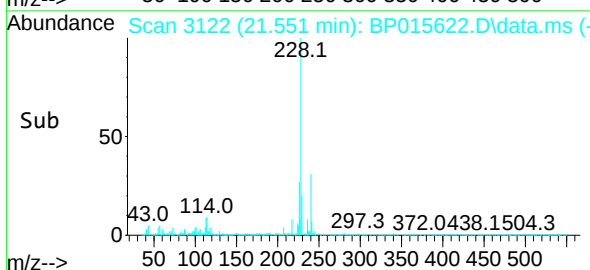
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

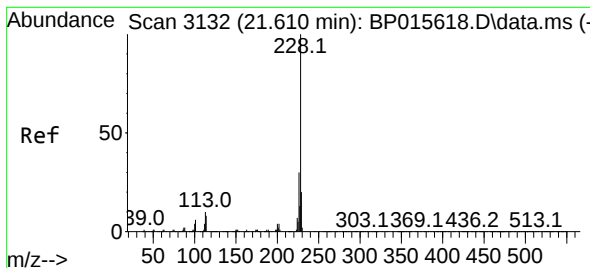


#85
Benzo(a)anthracene
Concen: 4.816 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015622.D
Acq: 20 Jun 2023 15:21



Tgt Ion:228 Resp: 248522
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 28.5 21.8 32.6





#87

Chrysene

Concen: 5.841 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA_P

ClientSampleId :

DCFH3

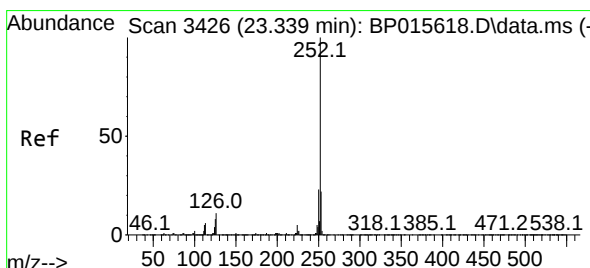
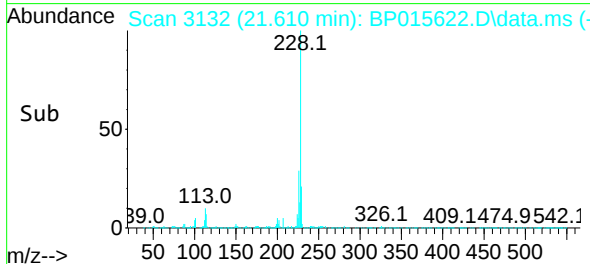
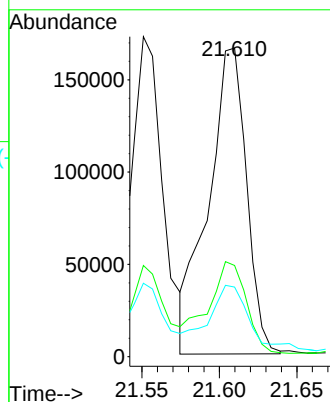
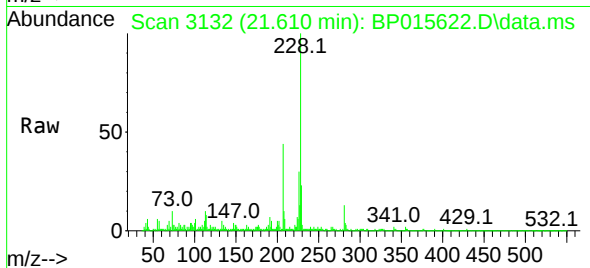
Tgt Ion:228 Resp: 284885
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 22.5 15.1 22.7

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#90

Benzo(b)fluoranthene

Concen: 8.120 ng/ul

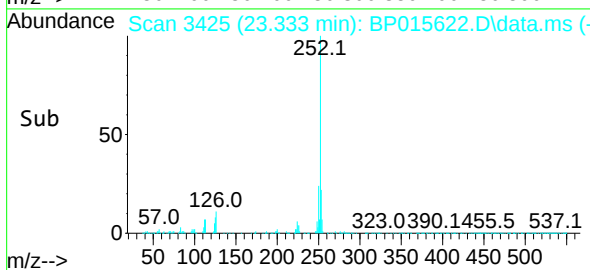
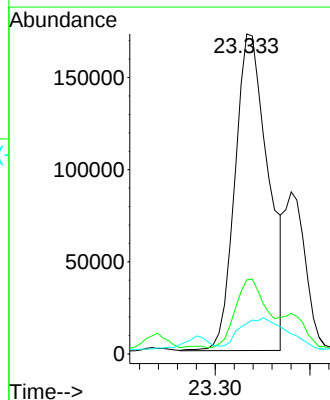
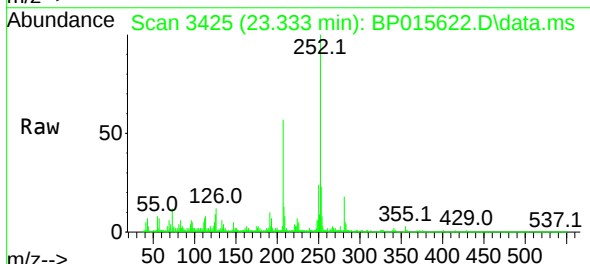
RT: 23.333 min Scan# 3425

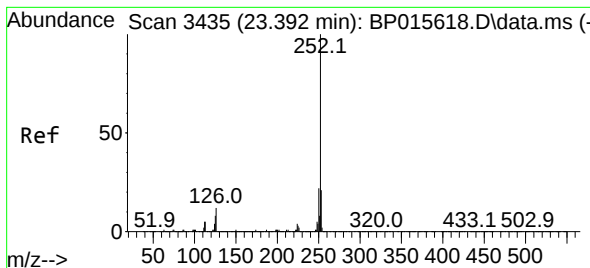
Delta R.T. 0.006 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Tgt Ion:252 Resp: 419767
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.4 26.2
 125 9.5 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 2.663 ng/ul m

RT: 23.380 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA_P

ClientSampleId :

DCFH3

Tgt Ion:252 Resp: 13306

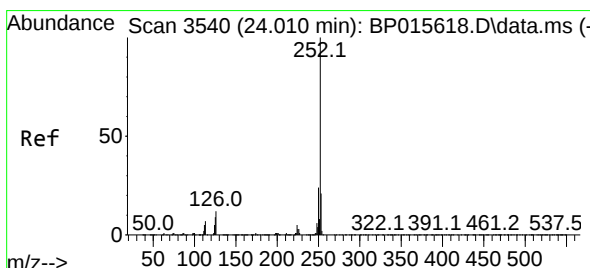
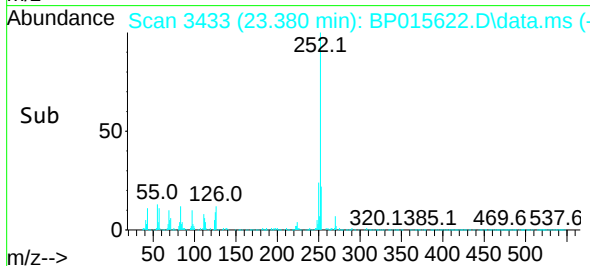
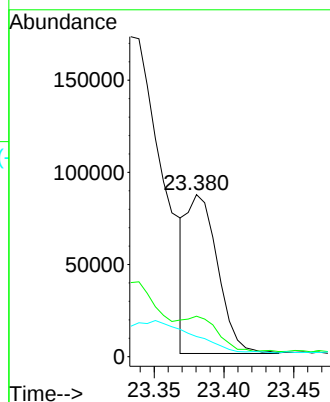
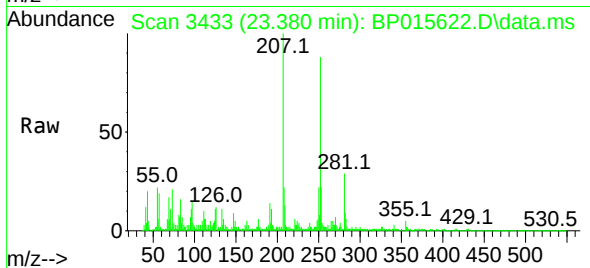
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	12.5	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/22/2023



#93

Benzo(a)pyrene

Concen: 6.748 ng/ul

RT: 24.004 min Scan# 3539

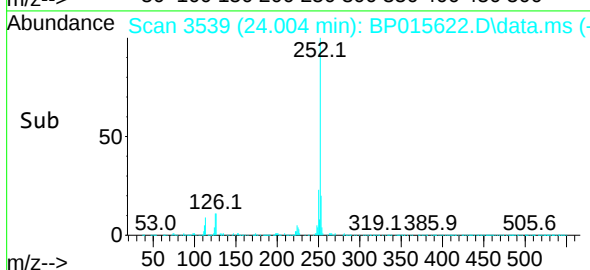
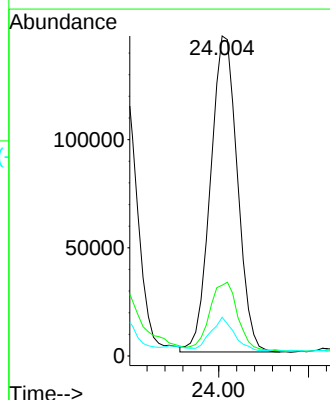
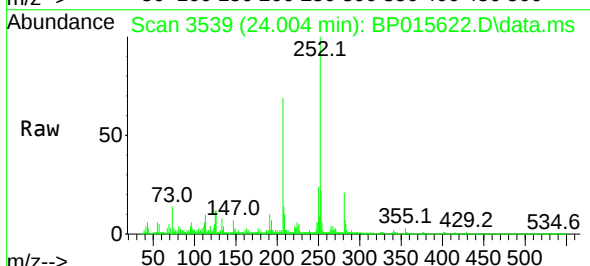
Delta R.T. -0.000 min

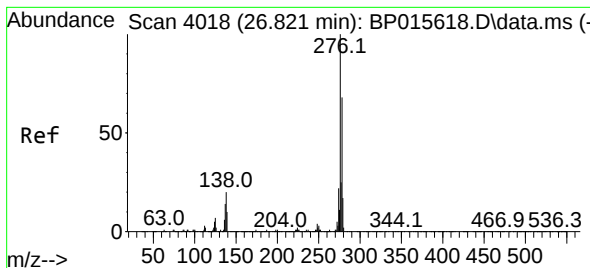
Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Tgt Ion:252 Resp: 304147

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.1	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.903 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA_P

ClientSampleId :

DCFH3

Tgt Ion:276 Resp: 22764

Ion Ratio Lower Upper

276 100

138 17.7 17.3 25.9

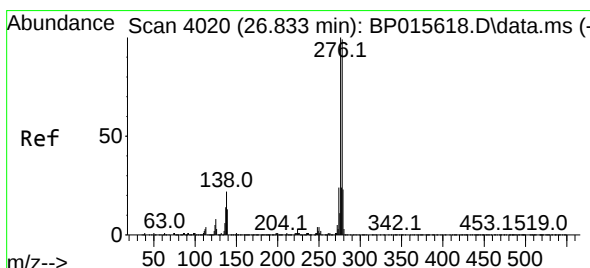
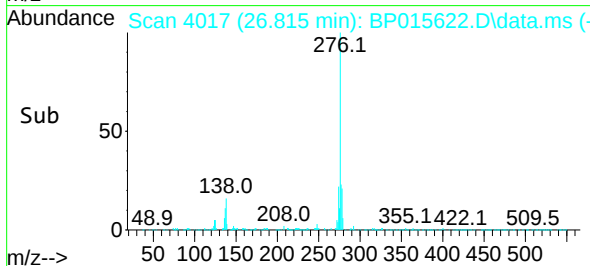
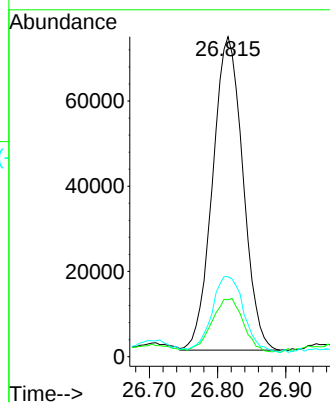
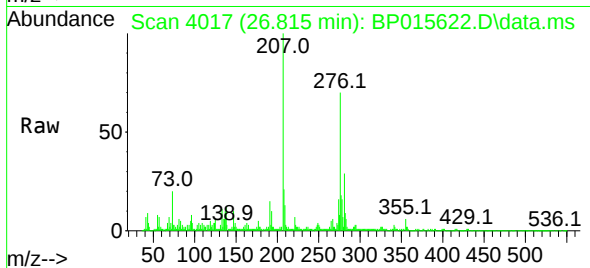
277 25.0 20.2 30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/22/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.334 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

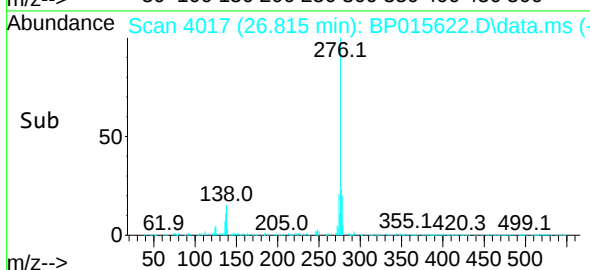
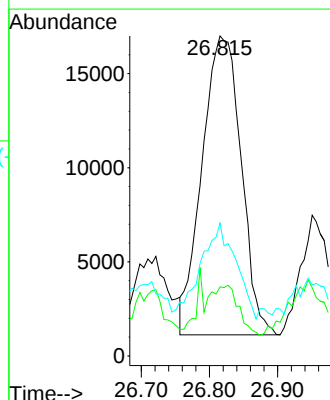
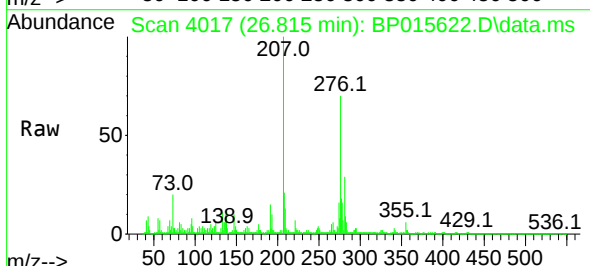
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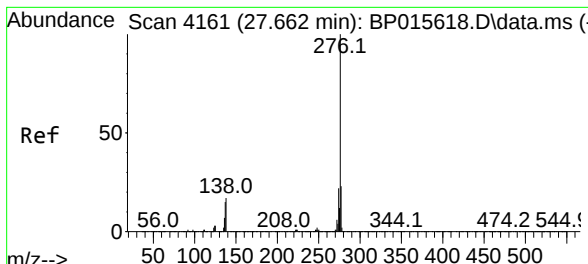
Ion Ratio Lower Upper

278 100

139 21.6 11.4 17.0#

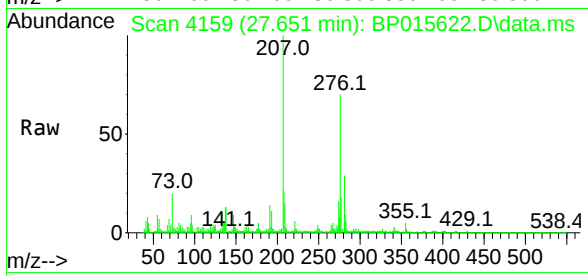
279 41.5 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 5.544 ng/ul
 RT: 27.651 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BP015622.D
 Acq: 20 Jun 2023 15:21

Instrument :
 BNA_P
 ClientSampleId :
 DCFH3



Tgt Ion: 276 Resp: 266500

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.6	23.4
277	26.2	19.0	28.6

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