

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015608.D
 Acq On : 19 Jun 2023 17:47
 Operator : MA/JU
 Sample : 03080-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 19 23:20:20 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	134589	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	596337	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	384322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	869802	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	706058	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	716907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	13683	3.765	ng/uL	0.00
4) Pyridine-d5	3.846	84	138812	14.703	ng/u1	0.00
7) Phenol-d5	7.246	99	300733	24.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	185953	25.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	239575	26.650	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	231587	22.758	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	122903	26.251	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	140622	26.301	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	246514	25.275	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	142895	10.207	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	816323	26.936	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	925161	27.918	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	83161m	15.323	ng/u1	0.02
60) Fluorene-d10	15.722	176	695827	27.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	98473	17.871	ng/u1	0.00
73) Anthracene-d10	17.580	188	1074913	27.162	ng/u1	0.00
81) Pyrene-d10	19.810	212	1236975	32.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	984795	27.377	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	46880	1.451	ng/u1	99
50) Acenaphthylene	14.451	152	47734	1.301	ng/u1	99
72) Phenanthrene	17.527	178	583054	12.491	ng/u1	99
74) Anthracene	17.616	178	138676	2.928	ng/u1	99
80) Fluoranthene	19.480	202	2155238	46.821	ng/u1	99
82) Pyrene	19.839	202	2007182	42.147	ng/u1	97
85) Benzo(a)anthracene	21.551	228	1430591	28.983	ng/u1	99
87) Chrysene	21.604	228	1423394	30.509	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	2171938	46.934	ng/u1	98
91) Benzo(k)fluoranthene	23.380	252	639604m	14.298	ng/u1	
93) Benzo(a)pyrene	24.004	252	1365910	33.855	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	1097134	21.012	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.821	278	303449	7.133	ng/u1#	90
96) Benzo(g,h,i)perylene	27.645	276	1027667	23.882	ng/u1	99

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

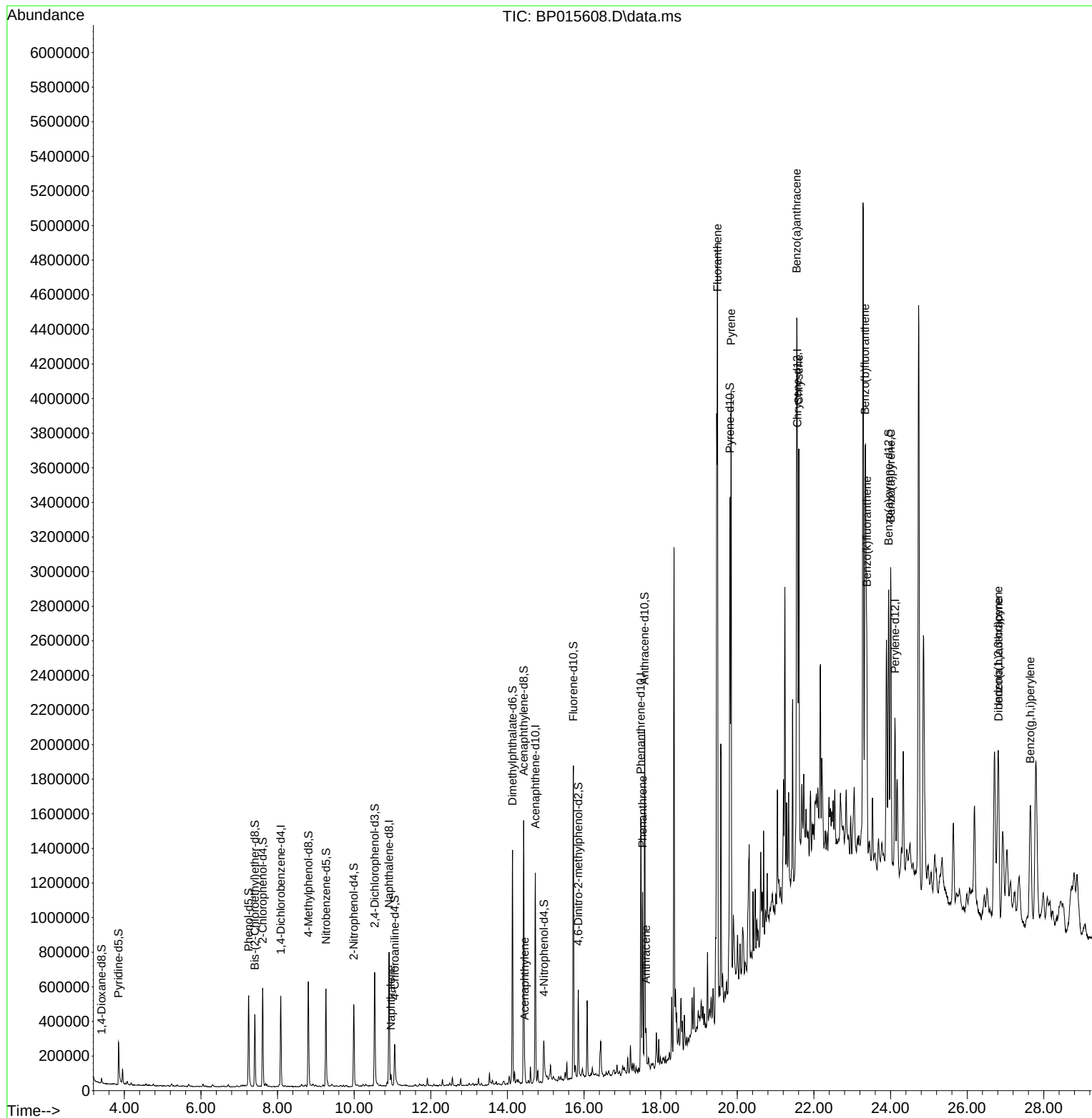
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015608.D
 Acq On : 19 Jun 2023 17:47
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 ALS Vial : 6 Sample Multiplier: 1

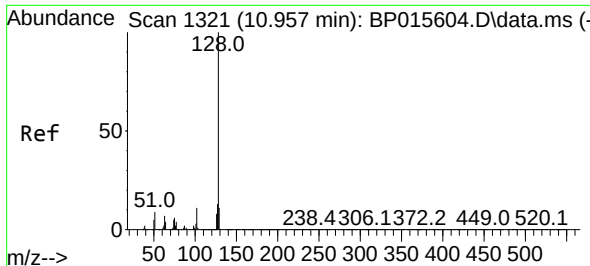
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ2

Quant Time: Jun 19 23:20:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
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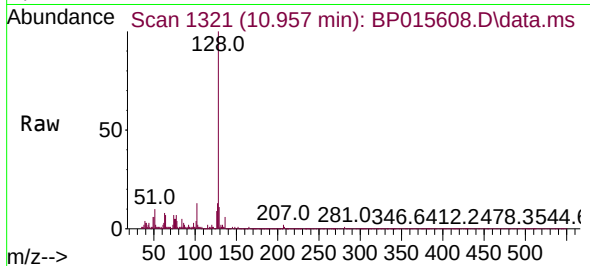
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023





#30
Naphthalene
Concen: 1.451 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

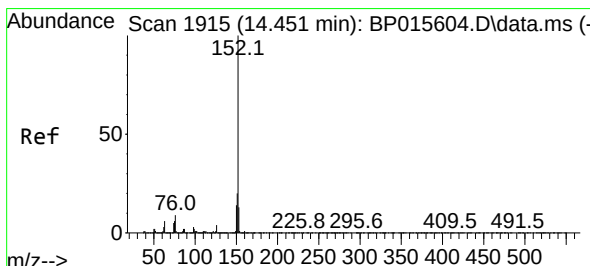
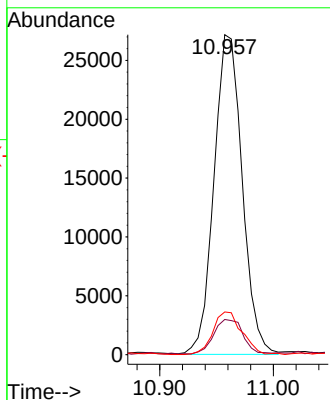
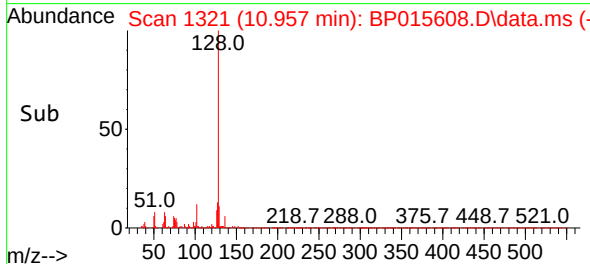
Instrument :
BNA_P
ClientSampleId :
DCFJ2



Tgt Ion:128 Resp: 46880
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.5 15.7

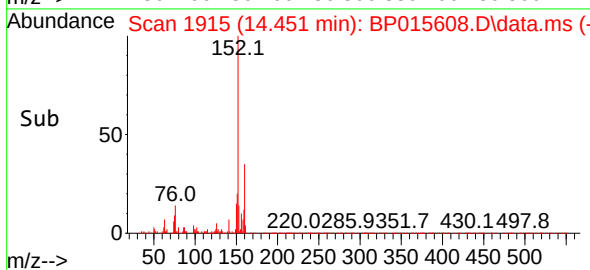
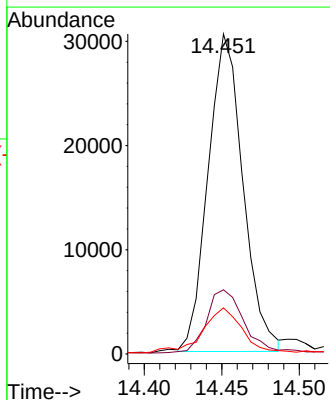
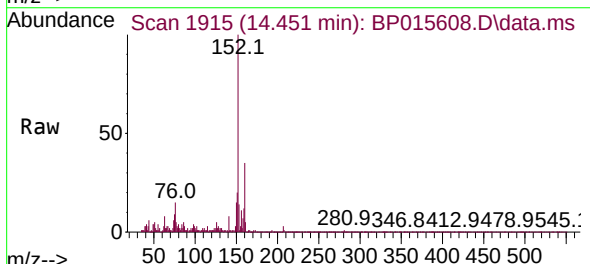
Manual Integrations
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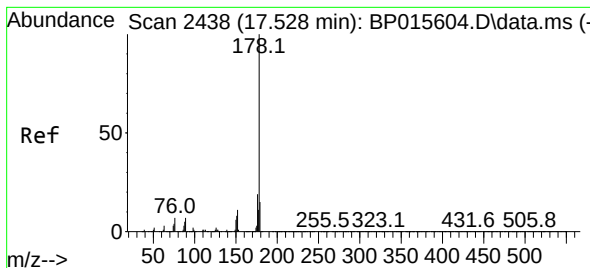
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#50
Acenaphthylene
Concen: 1.301 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

Tgt Ion:152 Resp: 47734
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.4 10.6 15.8





#72

Phenanthrene

Concen: 12.491 ng/ul

RT: 17.527 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

Instrument :

BNA_P

ClientSampleId :

DCFJ2

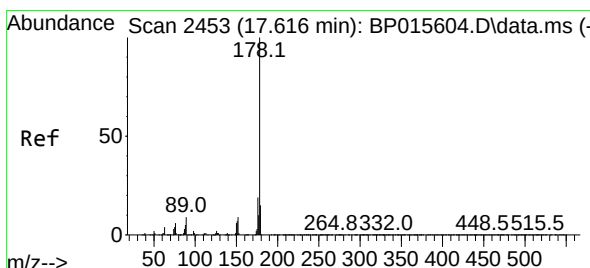
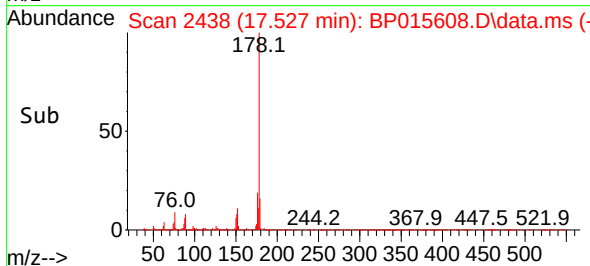
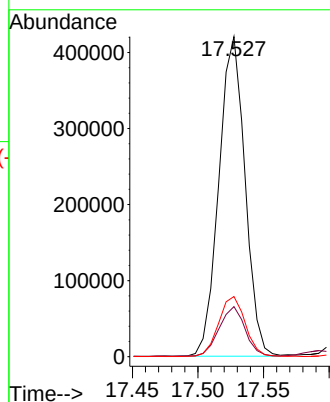
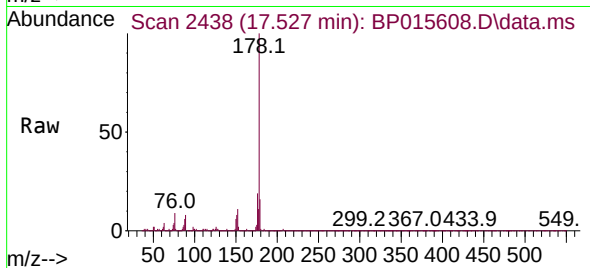
Tgt Ion:178	Resp: 583054
Ion Ratio	Lower Upper
178 100	
179 15.6	12.3 18.5
176 18.8	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

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#74

Anthracene

Concen: 2.928 ng/ul

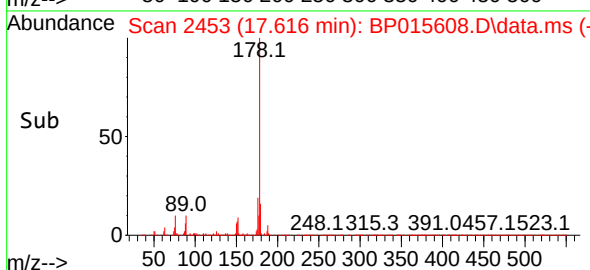
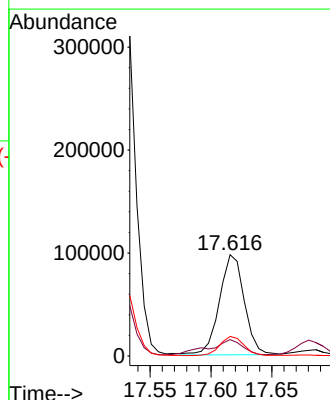
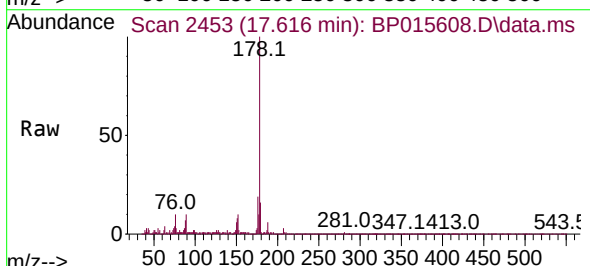
RT: 17.616 min Scan# 2453

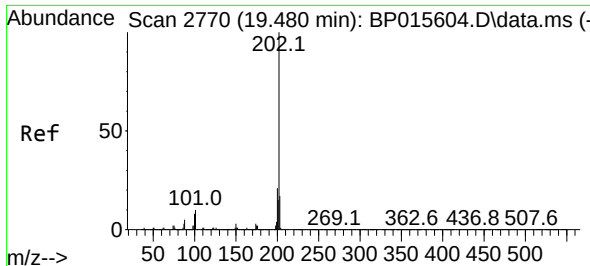
Delta R.T. -0.006 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

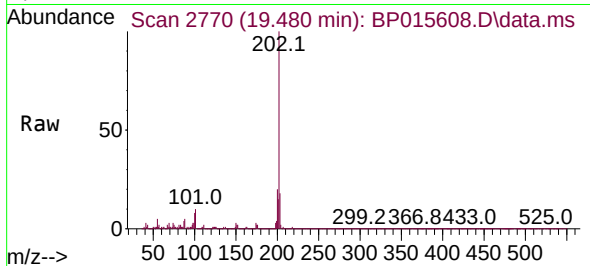
Tgt Ion:178	Resp: 138676
Ion Ratio	Lower Upper
178 100	
179 16.1	12.4 18.6
176 19.2	15.0 22.4





#80
Fluoranthene
Concen: 46.821 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

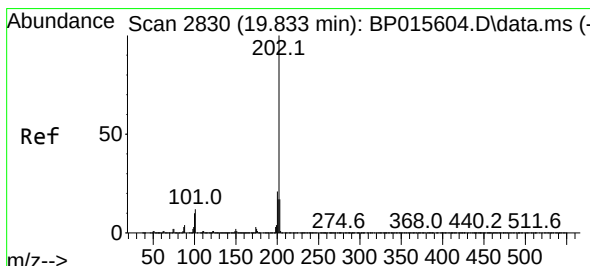
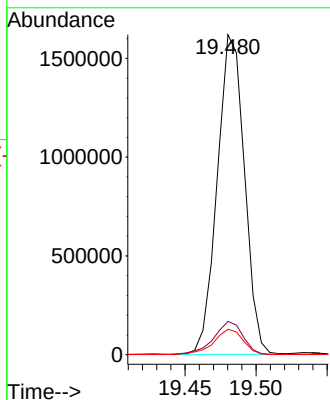
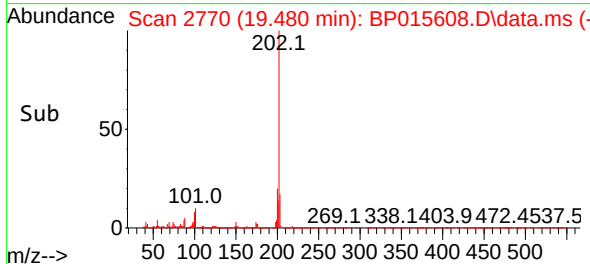
Instrument :
BNA_P
ClientSampleId :
DCFJ2



Tgt Ion:202 Resp: 2155238
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 8.0 6.6 9.8

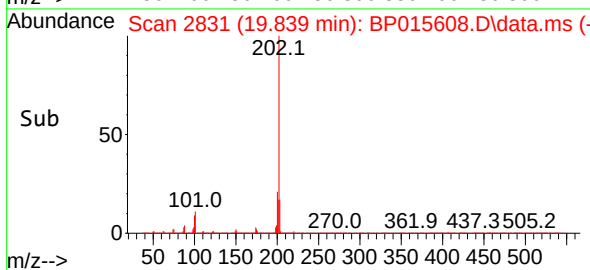
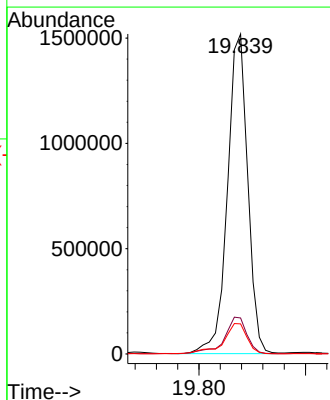
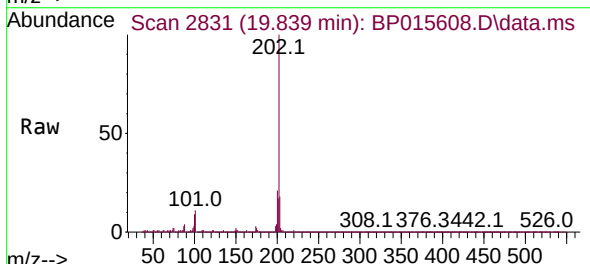
Manual Integrations
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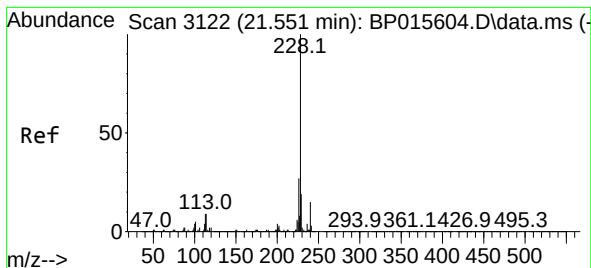
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#82
Pyrene
Concen: 42.147 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

Tgt Ion:202 Resp: 2007182
Ion Ratio Lower Upper
202 100
101 11.3 9.9 14.9
100 9.4 8.4 12.6





#85

Benzo(a)anthracene

Concen: 28.983 ng/u1

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

Instrument :

BNA_P

ClientSampleId :

DCFJ2

Tgt Ion:228 Resp: 143059

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.6

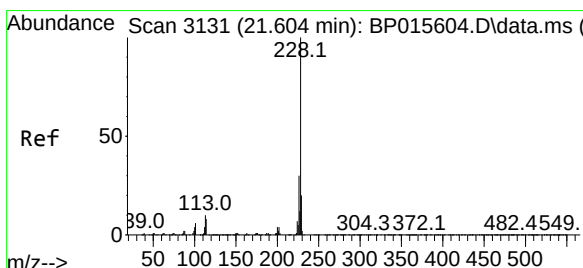
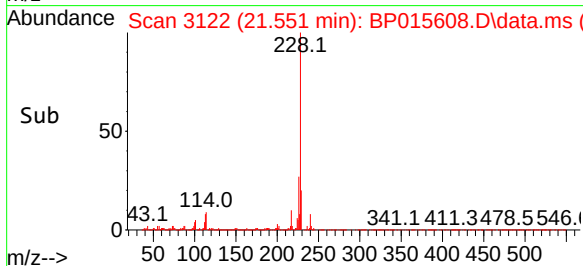
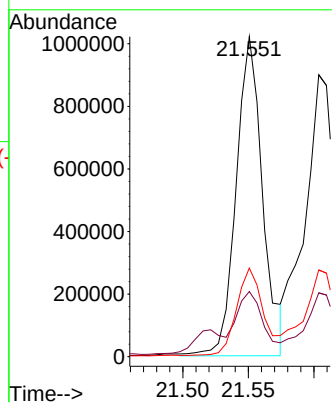
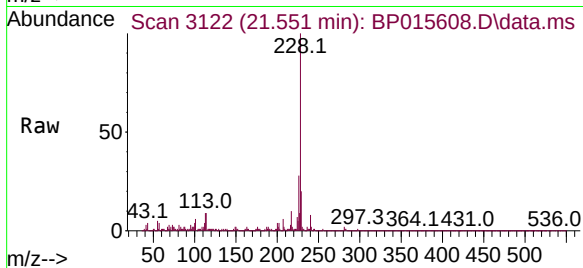
226 27.7 21.8 32.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#87

Chrysene

Concen: 30.509 ng/u1

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

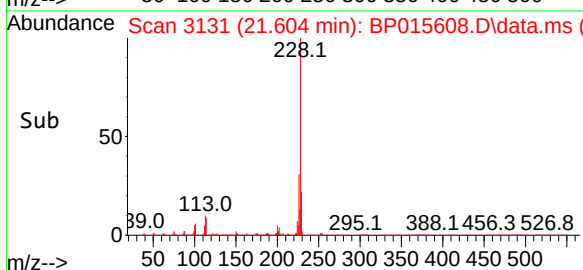
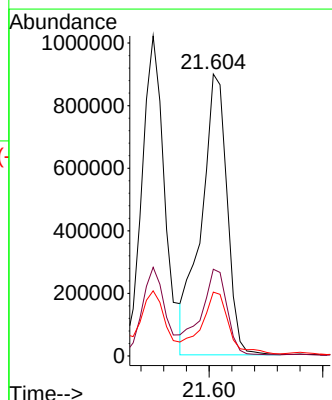
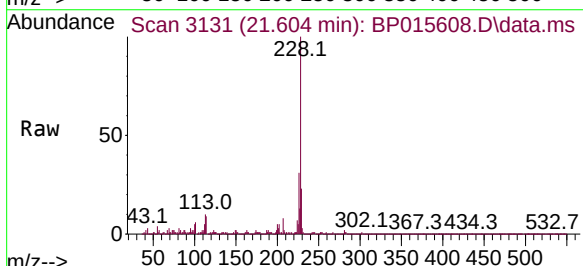
Tgt Ion:228 Resp: 1423394

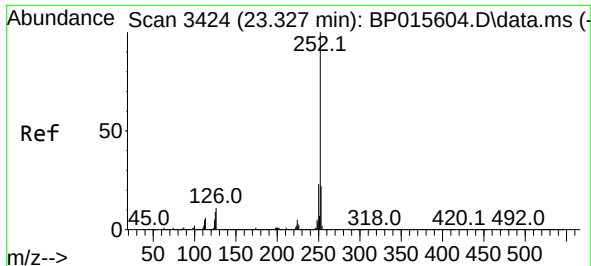
Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

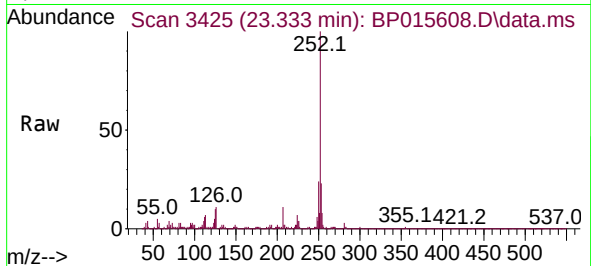
229 22.6 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 46.934 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

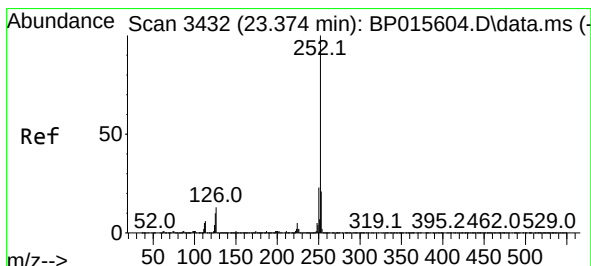
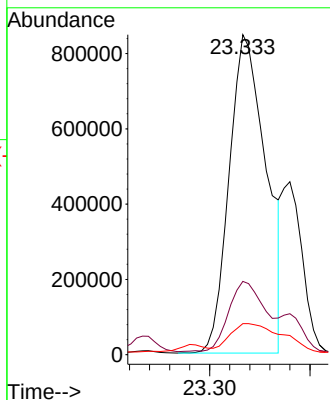
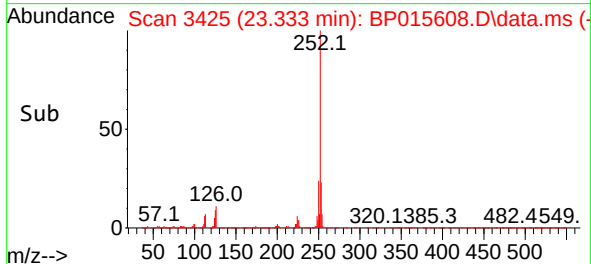
Instrument :
BNA_P
ClientSampleId :
DCFJ2



Tgt Ion:252 Resp: 2171938
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.7 7.3 10.9

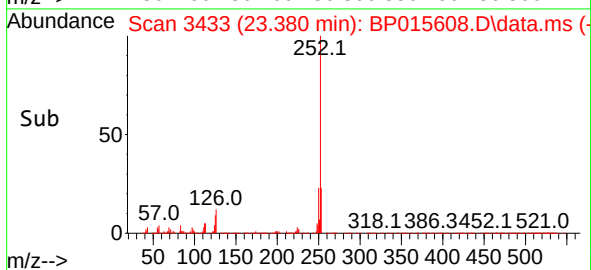
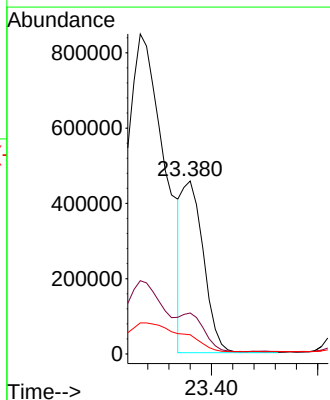
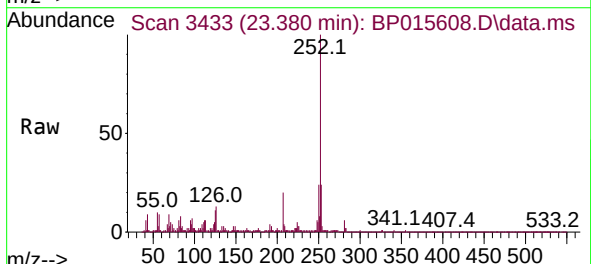
Manual Integrations
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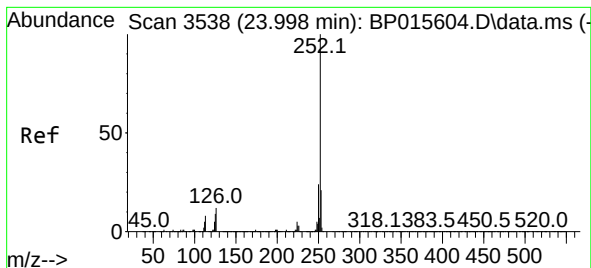
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#91
Benzo(k)fluoranthene
Concen: 14.298 ng/ul m
RT: 23.380 min Scan# 3433
Delta R.T. -0.000 min
Lab File: BP015608.D
Acq: 19 Jun 2023 17:47

Tgt Ion:252 Resp: 639604
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 11.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 33.855 ng/ul

RT: 24.004 min Scan# 3538

Delta R.T. -0.000 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

Instrument :

BNA_P

ClientSampleId :

DCFJ2

Tgt Ion:252 Resp: 1365910

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

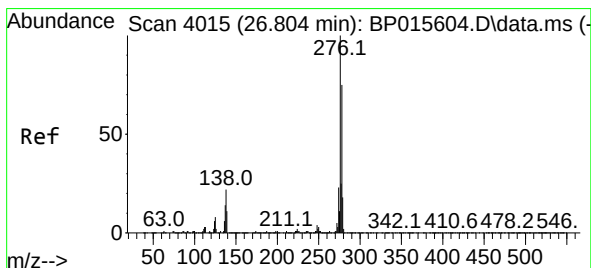
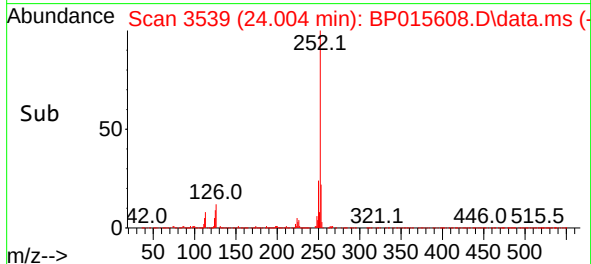
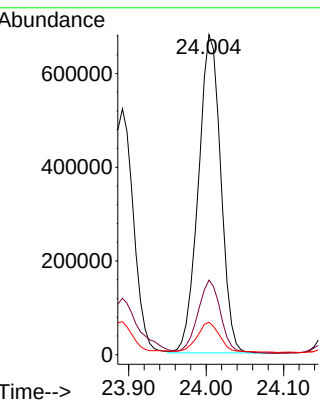
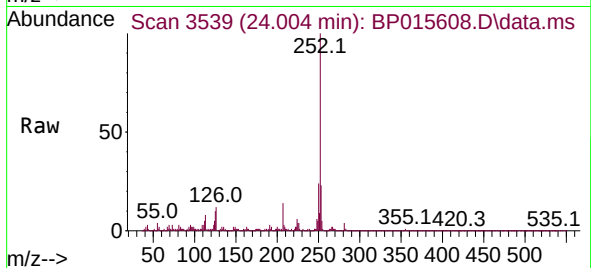
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.012 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.000 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

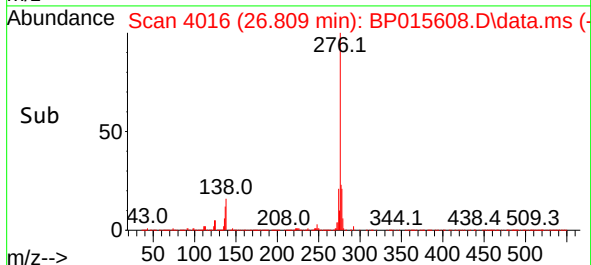
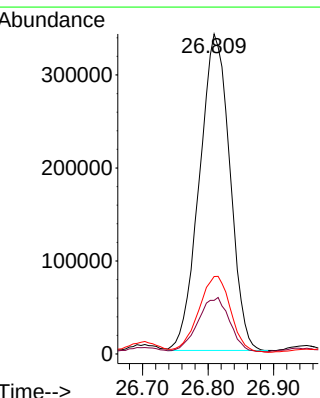
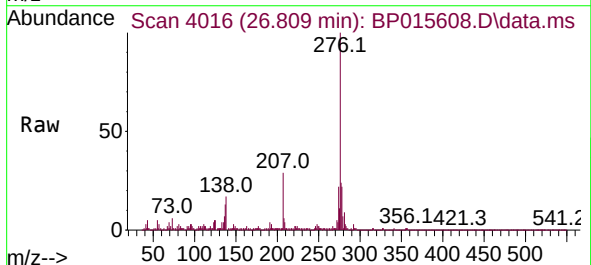
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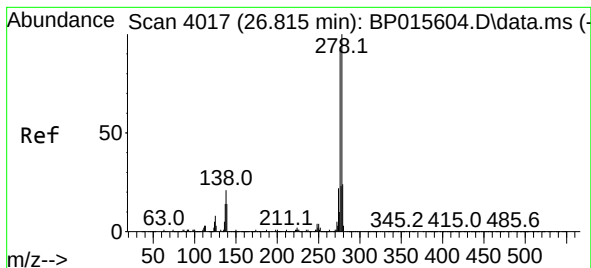
Ion Ratio Lower Upper

276 100

138 16.8 17.3 25.9#

277 24.2 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 7.133 ng/ul

RT: 26.821 min Scan# 4017

Delta R.T. -0.006 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

Instrument :

BNP_P

ClientSampleId :

DCFJ2

Tgt Ion:278 Resp: 303449

Ion Ratio Lower Upper

278 100

139 16.9 11.4 17.0

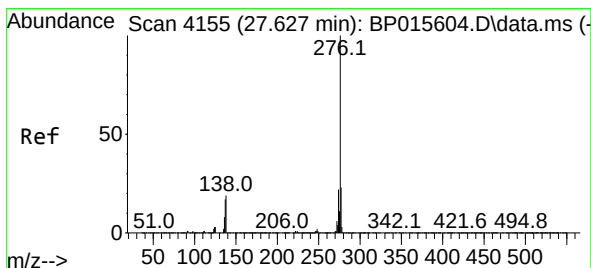
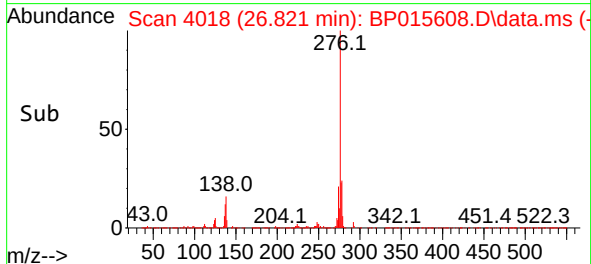
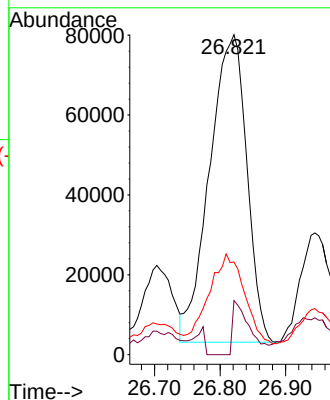
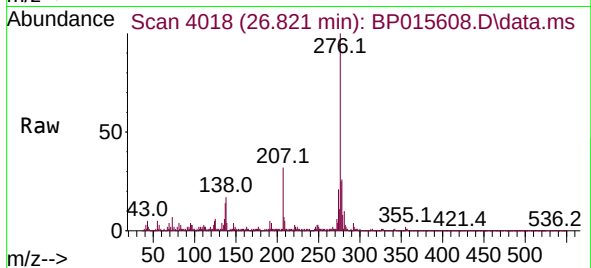
279 29.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#96

Benzo(g,h,i)perylene

Concen: 23.882 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015608.D

Acq: 19 Jun 2023 17:47

Tgt Ion:276 Resp: 1027667

Ion Ratio Lower Upper

276 100

138 18.2 15.6 23.4

277 23.8 19.0 28.6

