

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015610.D
 Acq On : 19 Jun 2023 18:55
 Operator : MA/JU
 Sample : 03080-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ4

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 23:31:51 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	146073	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	648634	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	408908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	907110	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	655588	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	683128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	11810	2.994	ng/uL	0.00
4) Pyridine-d5	3.852	84	119002	11.614	ng/u1	0.00
7) Phenol-d5	7.246	99	257524	19.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	164957	20.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	209889	21.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	159499	14.441	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	111673	21.929	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	129189	22.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	215696	20.332	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	122808	8.065	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	753856	23.379	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	845495	23.980	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	78024	13.512	ng/u1	0.02
60) Fluorene-d10	15.722	176	644549	23.704	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	67277	11.707	ng/u1	0.00
73) Anthracene-d10	17.586	188	986082	23.892	ng/u1	0.00
81) Pyrene-d10	19.810	212	1100690	31.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	838695	24.468	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.457	152	71979	1.843	ng/u1	99
52) Acenaphthene	14.792	153	32333	1.198	ng/u1	99
72) Phenanthrene	17.528	178	921901	18.938	ng/u1	99
74) Anthracene	17.622	178	199477	4.039	ng/u1	99
80) Fluoranthene	19.486	202	2407894	56.337	ng/u1	99
82) Pyrene	19.839	202	2025703	45.811	ng/u1	99
85) Benzo(a)anthracene	21.551	228	1083844	23.649	ng/u1	98
87) Chrysene	21.610	228	1171639	27.046	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	1737681	39.407	ng/u1	97
91) Benzo(k)fluoranthene	23.386	252	629184m	14.761	ng/u1	
93) Benzo(a)pyrene	24.010	252	1190772	30.973	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	1023284	20.567	ng/u1	95
95) Dibenzo(a,h)anthracene	26.821	278	265005	6.538	ng/u1#	78
96) Benzo(g,h,i)perylene	27.662	276	946172	23.076	ng/u1	98

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

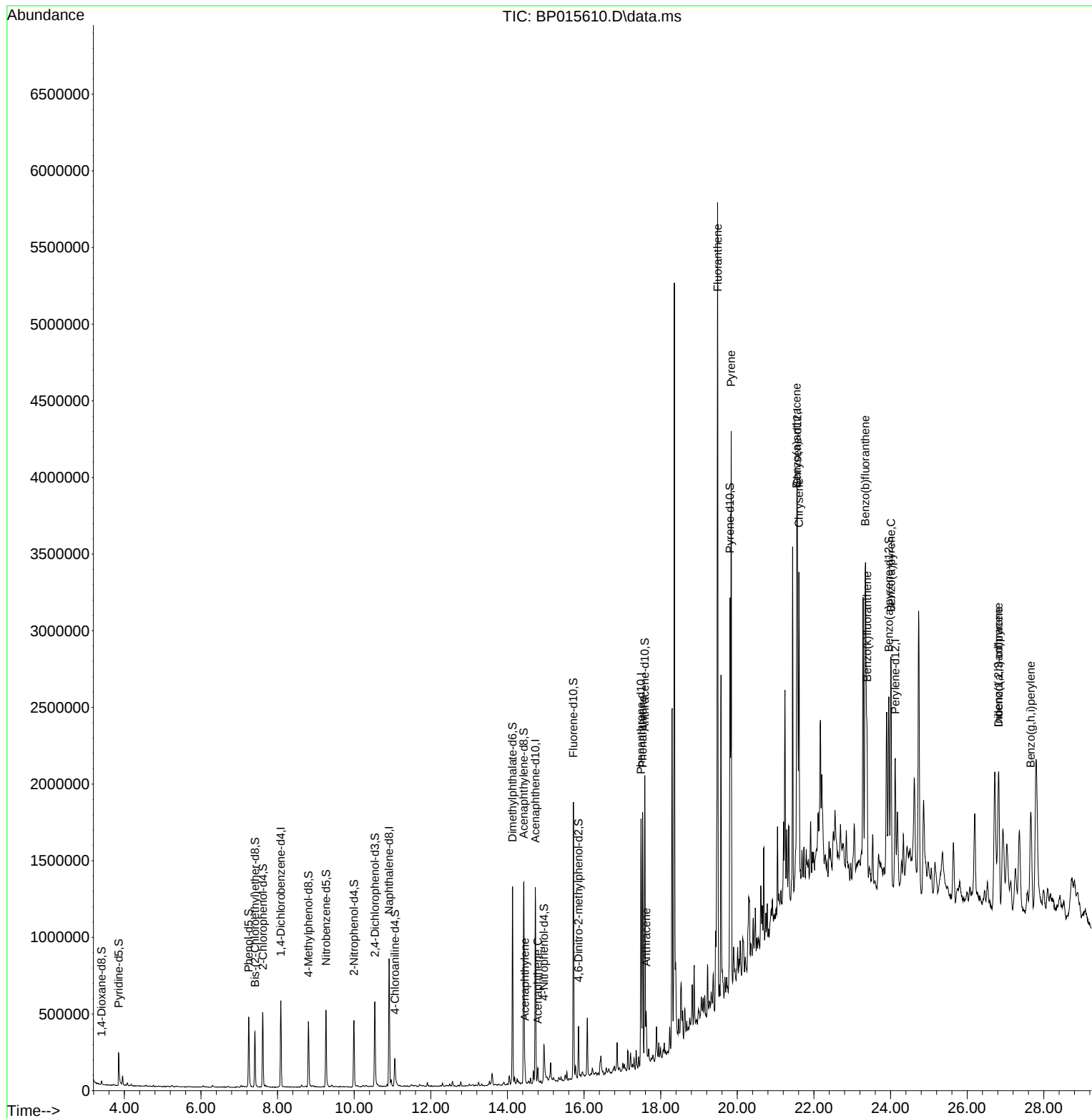
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Data File : BP015610.D
Acq On : 19 Jun 2023 18:55
Operator : MA/JU
Sample : 03080-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

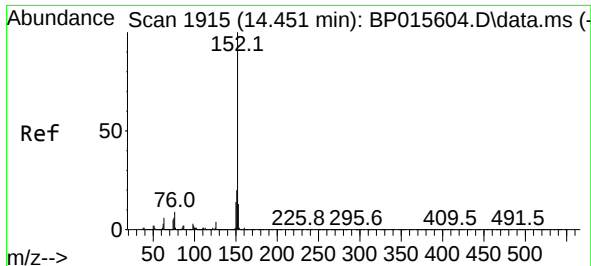
Instrument :
BNA_P
ClientSampleId :
DCFJ4

Quant Time: Jun 19 23:31:51 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

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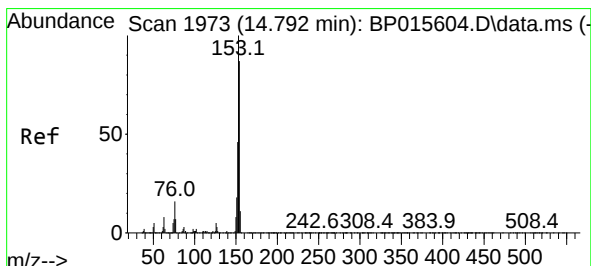
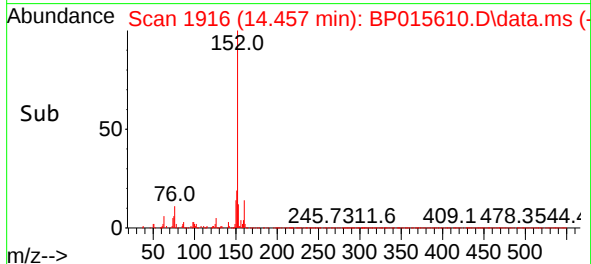
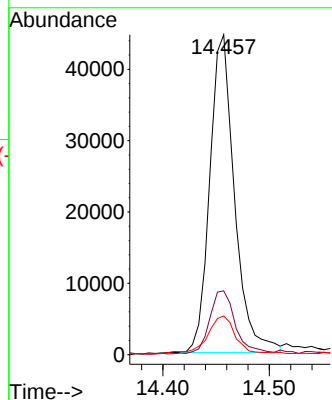
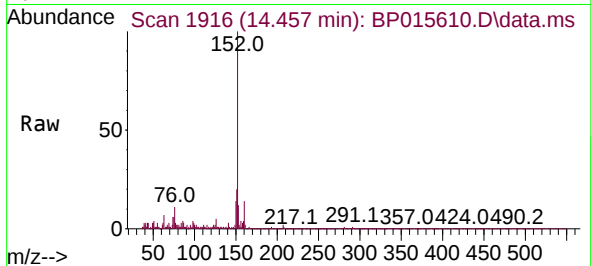
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Acenaphthylene
Concen: 1.843 ng/ul
RT: 14.457 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Instrument :
BNA_P
ClientSampleId :
DCFJ4

Tgt Ion:152 Resp: 71979
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.1 10.6 15.8

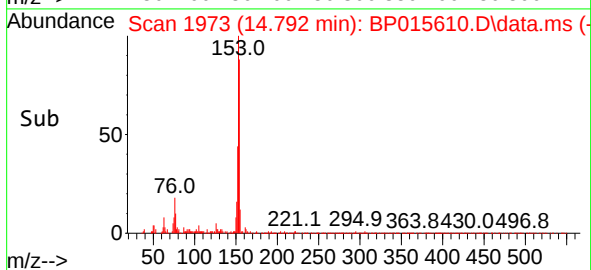
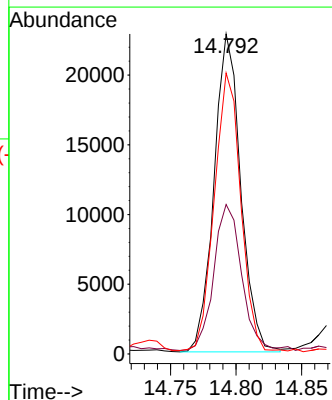
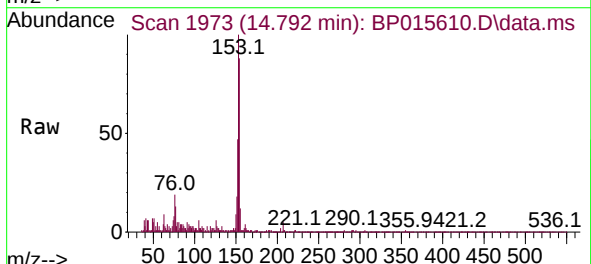
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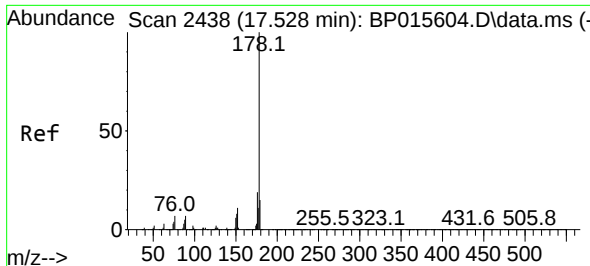
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#52
Acenaphthene
Concen: 1.198 ng/ul
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

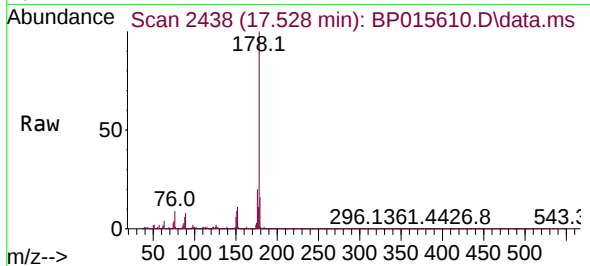
Tgt Ion:153 Resp: 32333
Ion Ratio Lower Upper
153 100
152 46.7 38.3 57.5
154 87.8 69.8 104.6





#72
Phenanthrene
Concen: 18.938 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

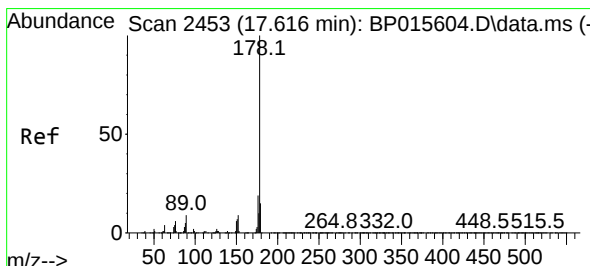
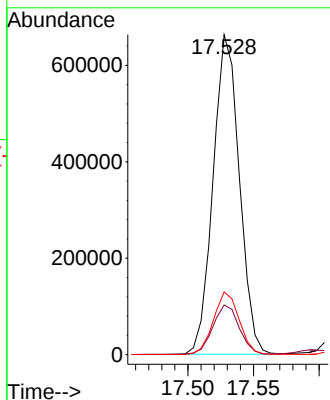
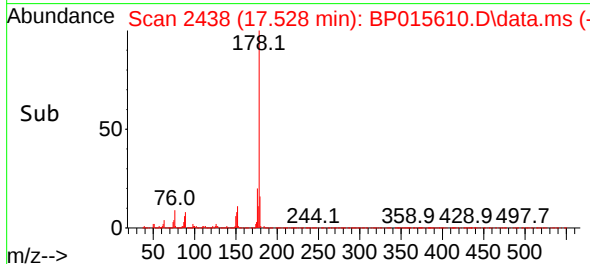
Instrument :
BNA_P
ClientSampleId :
DCFJ4



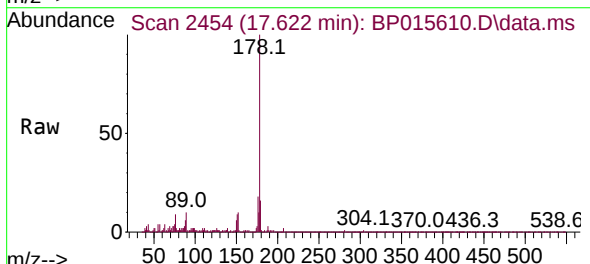
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Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.4 23.0

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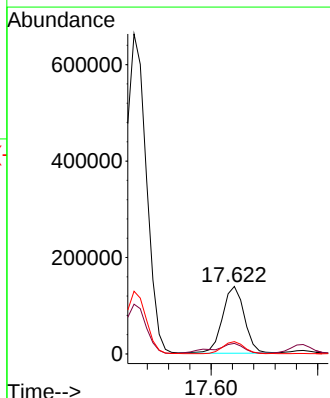
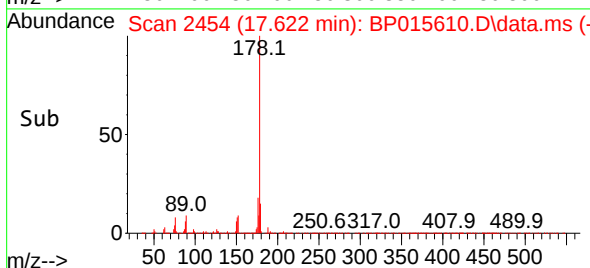
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023

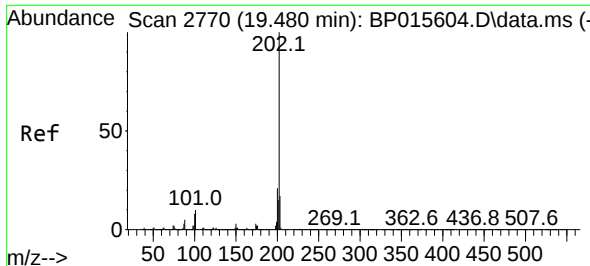


#74
Anthracene
Concen: 4.039 ng/ul
RT: 17.622 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55



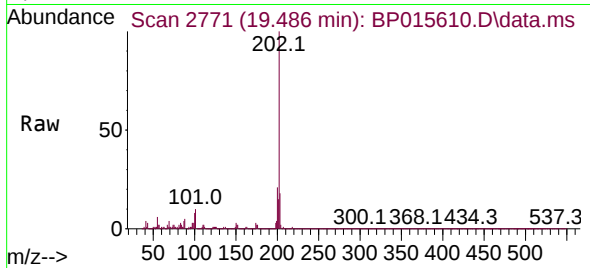
Tgt Ion:178 Resp: 199477
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.3 15.0 22.4





#80
Fluoranthene
Concen: 56.337 ng/ul
RT: 19.486 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

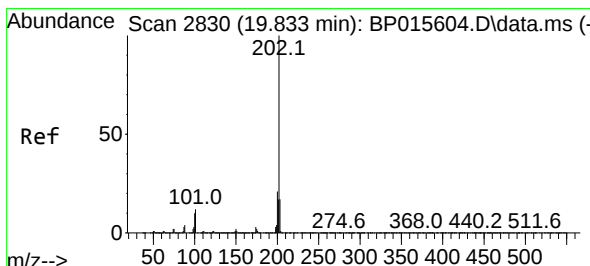
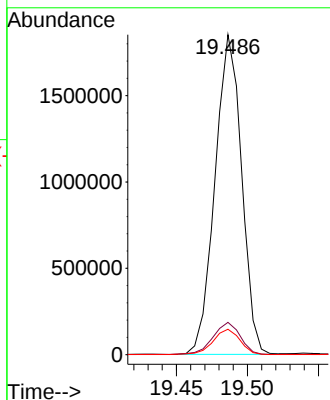
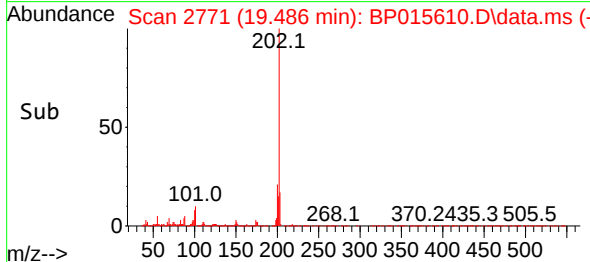
Instrument :
BNA_P
ClientSampleId :
DCFJ4



Tgt Ion:202 Resp: 2407894
Ion Ratio Lower Upper
202 100
101 10.1 8.6 13.0
100 7.9 6.6 9.8

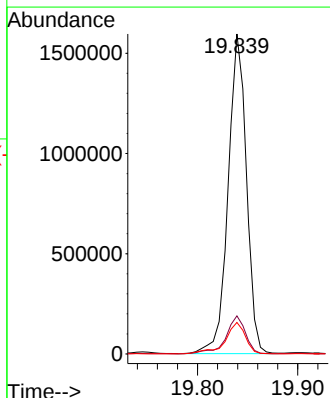
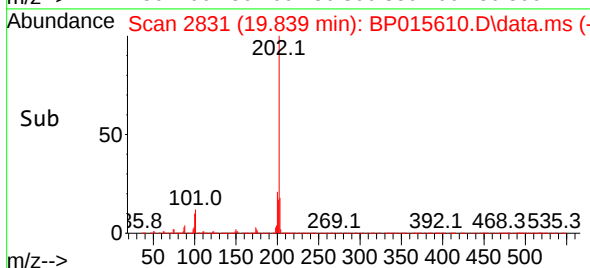
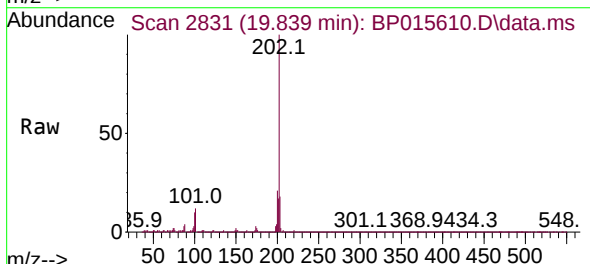
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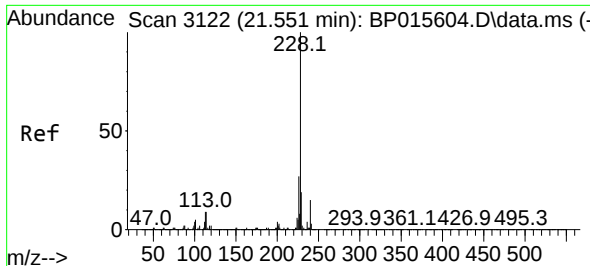
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#82
Pyrene
Concen: 45.811 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Tgt Ion:202 Resp: 2025703
Ion Ratio Lower Upper
202 100
101 11.9 9.9 14.9
100 9.9 8.4 12.6





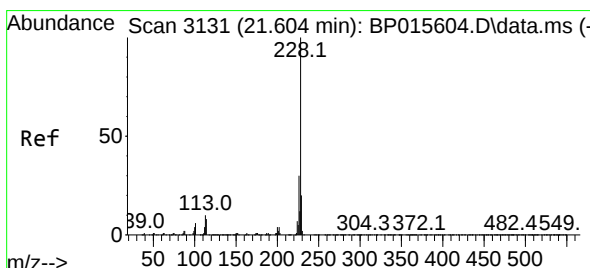
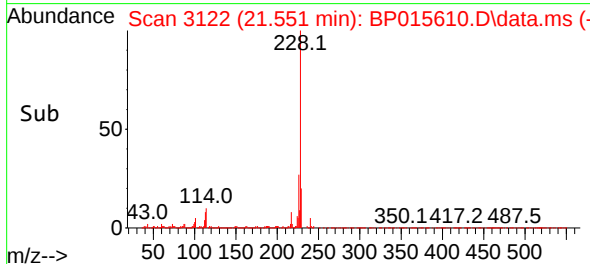
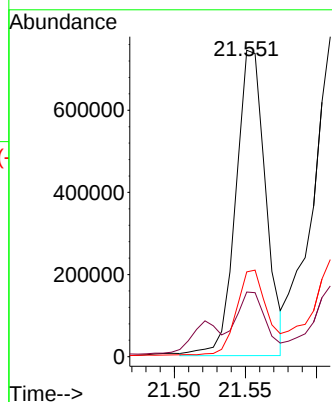
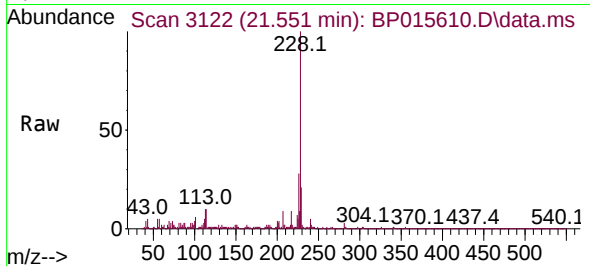
#85
Benzo(a)anthracene
Concen: 23.649 ng/u1
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Instrument :
BNA_P
ClientSampleId :
DCFJ4

Tgt Ion:228 Resp: 108384
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 27.7 21.8 32.6

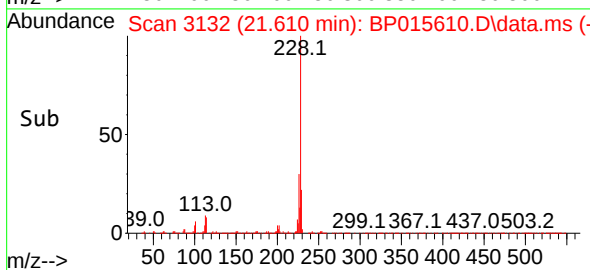
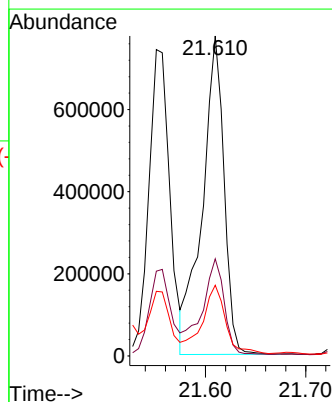
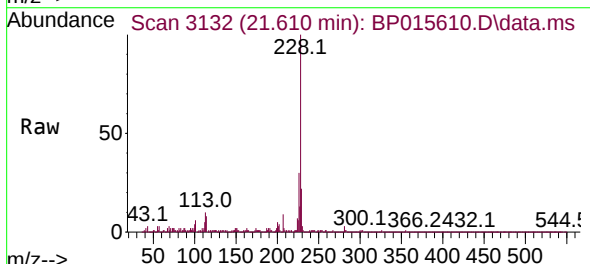
Manual Integrations
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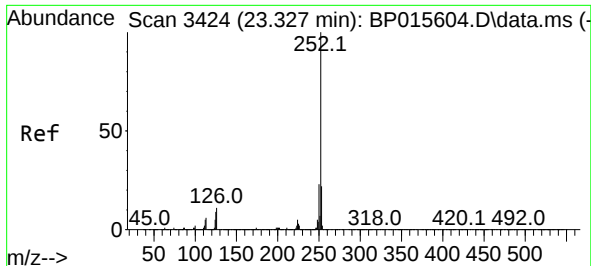
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#87
Chrysene
Concen: 27.046 ng/u1
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

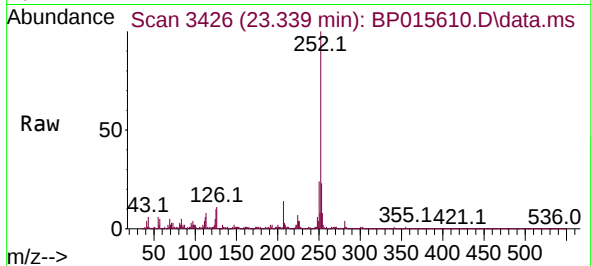
Tgt Ion:228 Resp: 1171639
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 22.1 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 39.407 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. 0.012 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

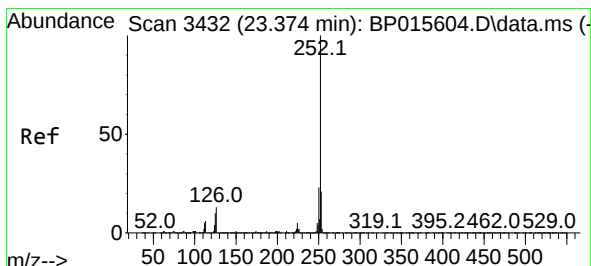
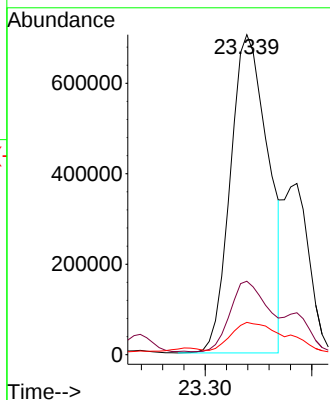
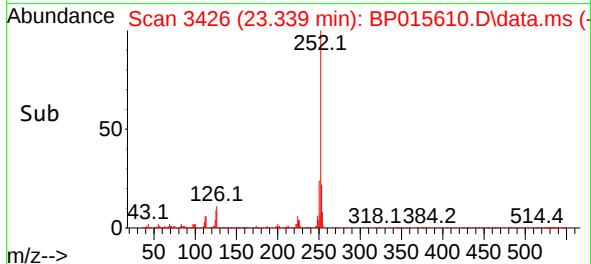
Instrument :
BNA_P
ClientSampleId :
DCFJ4



Tgt Ion:252 Resp: 173768
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.1 7.3 10.9

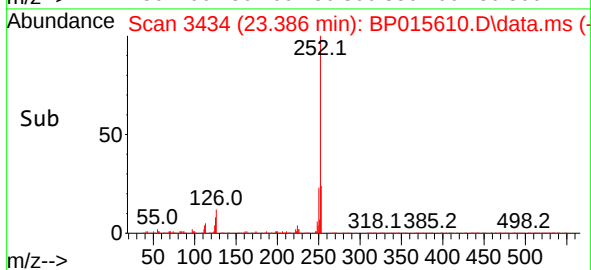
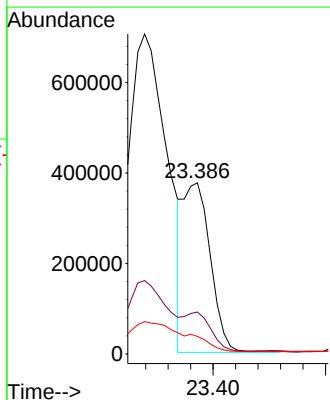
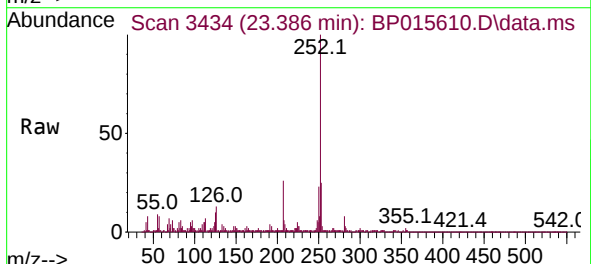
Manual Integrations
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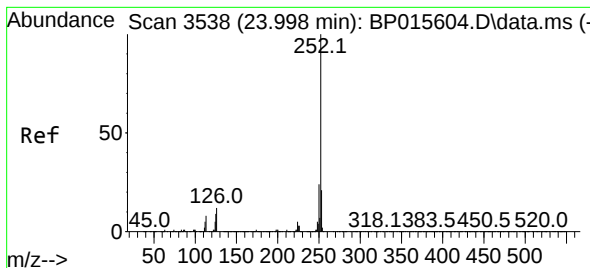
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#91
Benzo(k)fluoranthene
Concen: 14.761 ng/ul m
RT: 23.386 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Tgt Ion:252 Resp: 629184
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 10.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 30.973 ng/ul

RT: 24.010 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

Instrument :

BNA_P

ClientSampleId :

DCFJ4

Tgt Ion:252 Resp: 1190772

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

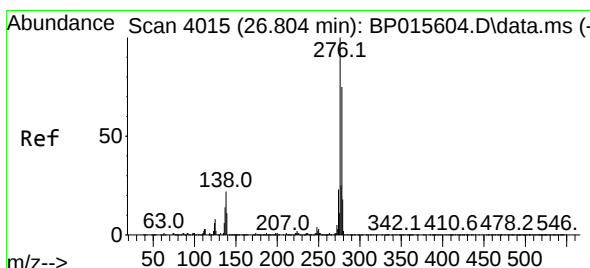
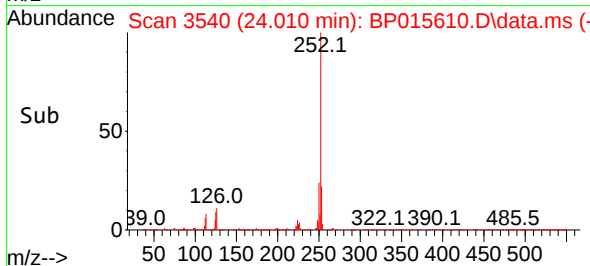
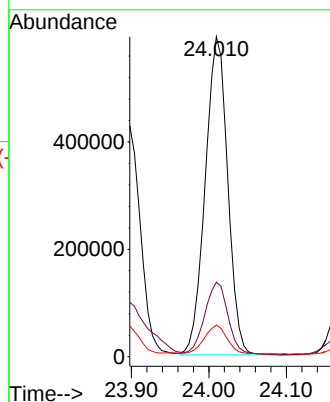
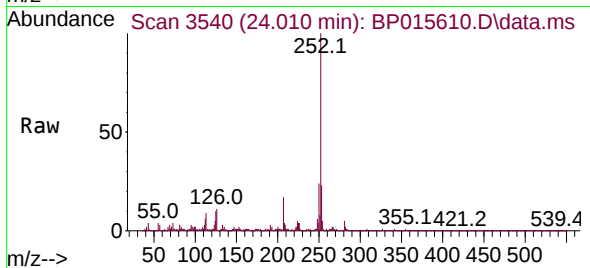
125 9.9 8.1 12.1

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: 20.567 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP015610.D

Acq: 19 Jun 2023 18:55

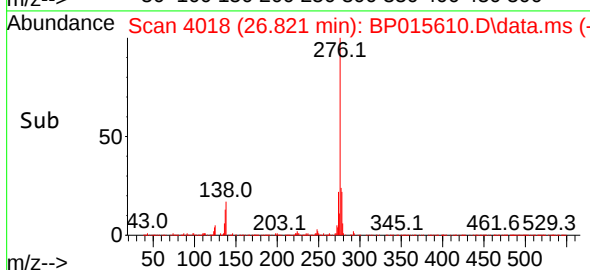
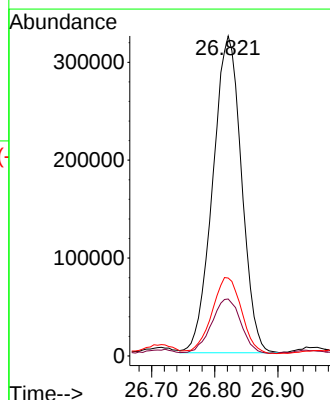
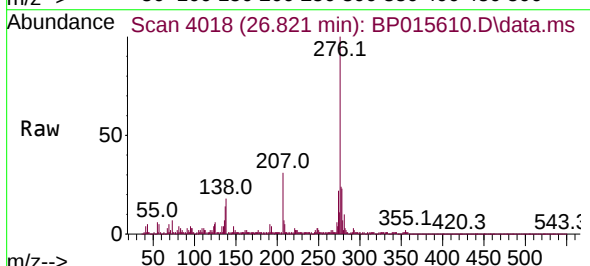
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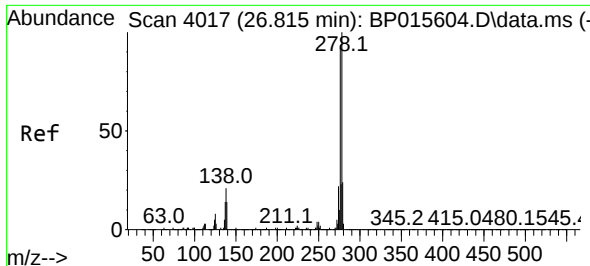
Ion Ratio Lower Upper

276 100

138 17.8 17.3 25.9

277 24.4 20.2 30.2





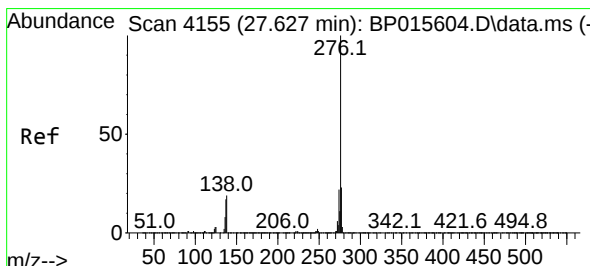
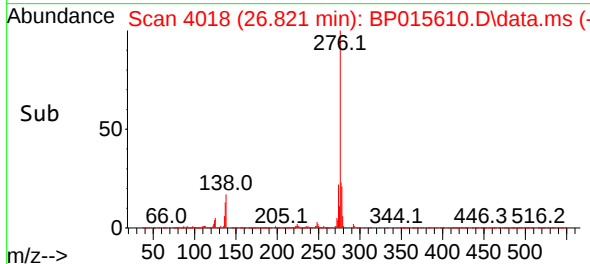
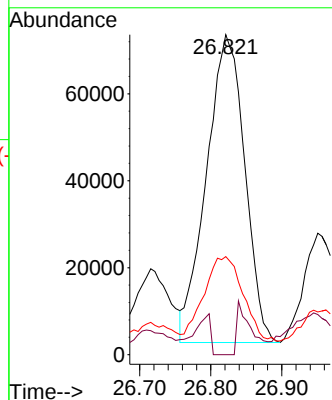
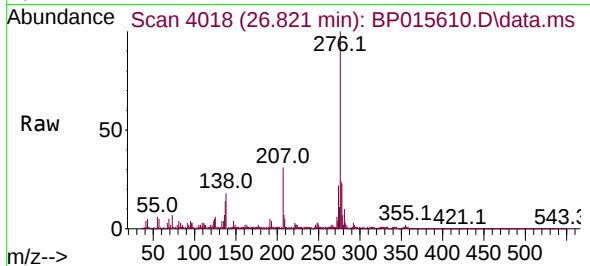
#95
Dibenzo(a,h)anthracene
Concen: 6.538 ng/ul
RT: 26.821 min Scan# 4017
Delta R.T. -0.006 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Instrument :
BNA_P
ClientSampleId :
DCFJ4

Tgt Ion:278 Resp: 26500
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0
279 30.7 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: 23.076 ng/ul
RT: 27.662 min Scan# 4161
Delta R.T. 0.023 min
Lab File: BP015610.D
Acq: 19 Jun 2023 18:55

Tgt Ion:276 Resp: 946172
Ion Ratio Lower Upper
276 100
138 18.3 15.6 23.4
277 24.5 19.0 28.6

