

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015641.D
 Acq On : 22 Jun 2023 11:44
 Operator : MA/JU
 Sample : 03083-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 22:17:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	112584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	483419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	294327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	537720	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	423719	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	536896	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8531	2.806	ng/uL	0.00
4) Pyridine-d5	3.852	84	68128	8.627	ng/u1	0.01
7) Phenol-d5	7.240	99	165954	16.000	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	103566	16.719	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	136008	18.086	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	128392	15.083	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	67713	17.841	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	75583	17.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	134011	16.950	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	82640	7.282	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	449432	19.364	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	501431	19.758	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	34453m	8.289	ng/u1	0.02
60) Fluorene-d10	15.722	176	361904	18.491	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	45274m	13.290	ng/u1	0.00
73) Anthracene-d10	17.592	188	480153	19.626	ng/u1	0.00
81) Pyrene-d10	19.816	212	514829	22.702	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	555453	20.619	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.534	178	199352	6.908	ng/u1	98
74) Anthracene	17.622	178	37425	1.278	ng/u1	96
80) Fluoranthene	19.492	202	319593	11.569	ng/u1	97
82) Pyrene	19.845	202	260944	9.131	ng/u1#	95
85) Benzo(a)anthracene	21.563	228	150269	5.073	ng/u1	97
87) Chrysene	21.616	228	153827	5.494	ng/u1	97
90) Benzo(b)fluoranthene	23.345	252	266585	7.692	ng/u1	97
91) Benzo(k)fluoranthene	23.392	252	85596m	2.555	ng/u1	
93) Benzo(a)pyrene	24.016	252	166602	5.514	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.833	276	146628	3.750	ng/u1	95
95) Dibenzo(a,h)anthracene	26.839	278	37868	1.189	ng/u1#	79
96) Benzo(g,h,i)perylene	27.668	276	136813	4.245	ng/u1	97

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

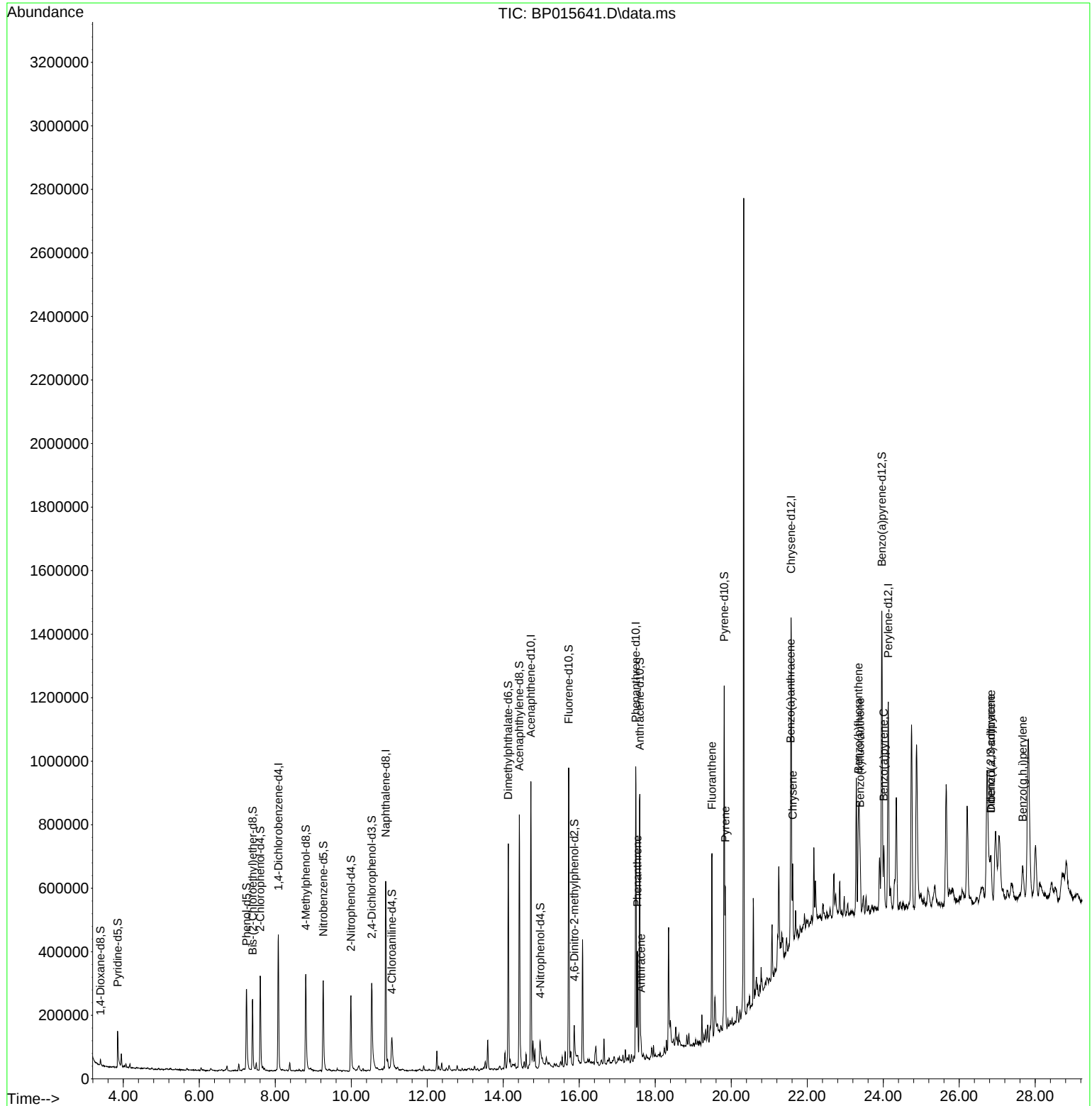
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015641.D
Acq On : 22 Jun 2023 11:44
Operator : MA/JU
Sample : 03083-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

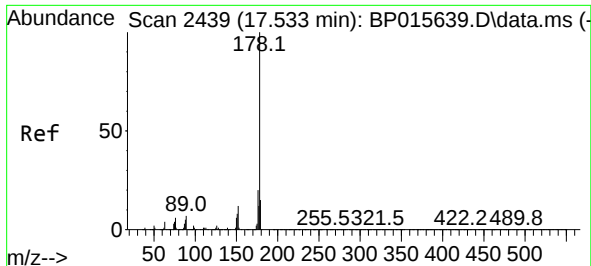
Instrument :
BNA_P
ClientSampleId :
DCFK0

Quant Time: Jun 22 22:17:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

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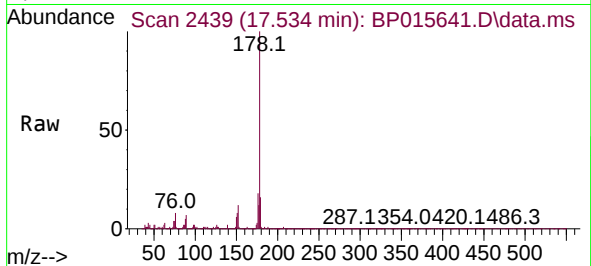
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#72
Phenanthrene
Concen: 6.908 ng/u1
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

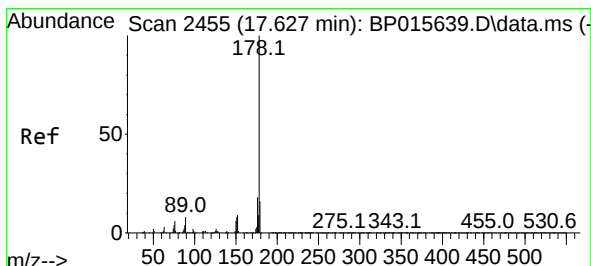
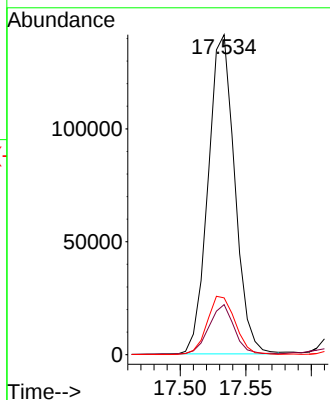
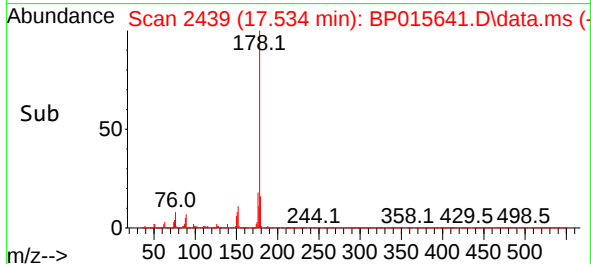
Instrument :
BNA_P
ClientSampleId :
DCFK0



Tgt Ion:178 Resp: 199352
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 17.8 15.4 23.0

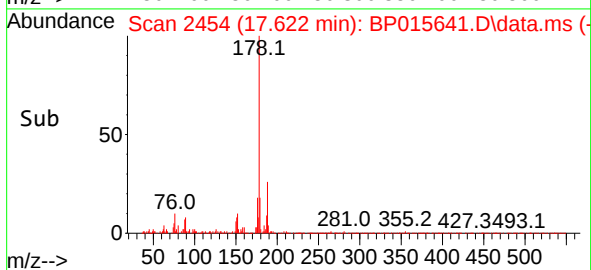
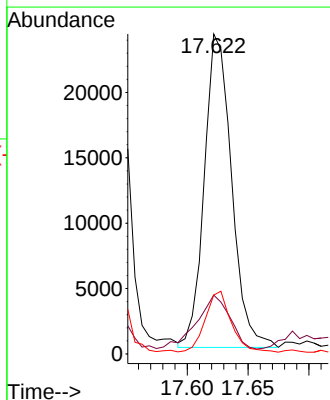
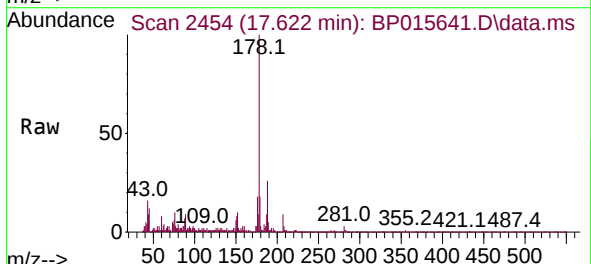
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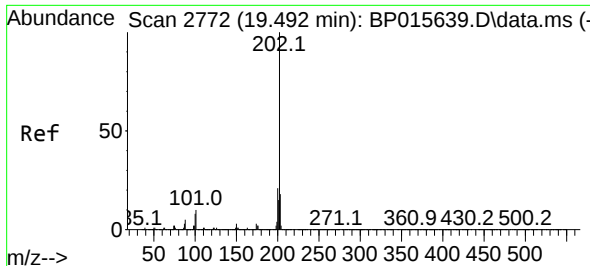
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#74
Anthracene
Concen: 1.278 ng/u1
RT: 17.622 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

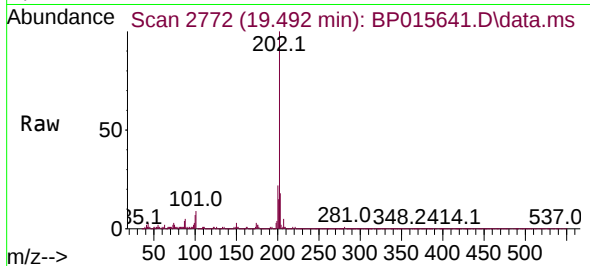
Tgt Ion:178 Resp: 37425
Ion Ratio Lower Upper
178 100
179 18.4 12.4 18.6
176 18.4 15.0 22.4





#80
Fluoranthene
Concen: 11.569 ng/u1
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

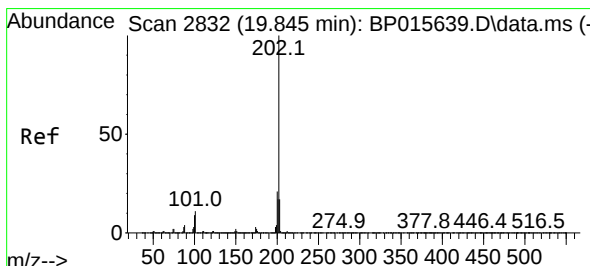
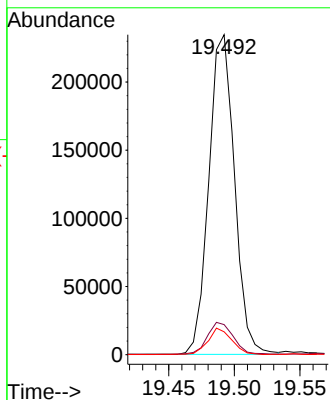
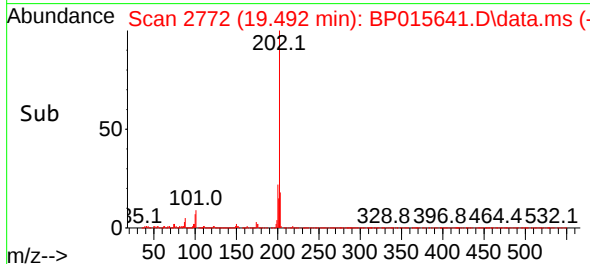
Instrument :
BNA_P
ClientSampleId :
DCFK0



Tgt Ion:202 Resp: 31959
Ion Ratio Lower Upper
202 100
101 9.4 8.6 13.0
100 7.2 6.6 9.8

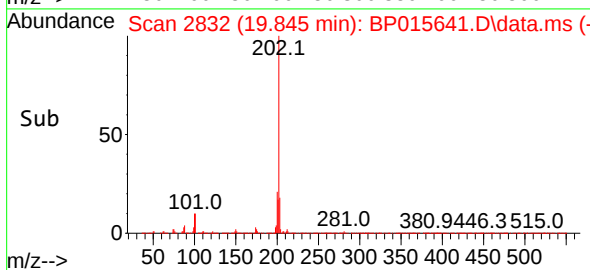
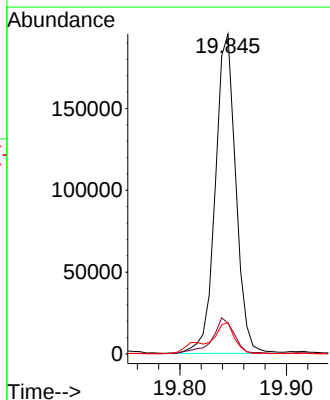
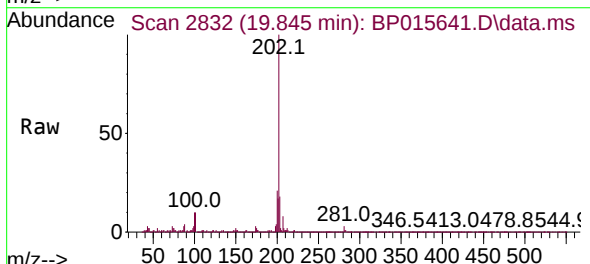
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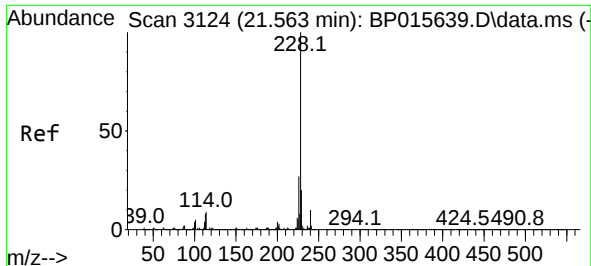
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
Pyrene
Concen: 9.131 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

Tgt Ion:202 Resp: 260944
Ion Ratio Lower Upper
202 100
101 9.7 9.9 14.9#
100 9.9 8.4 12.6





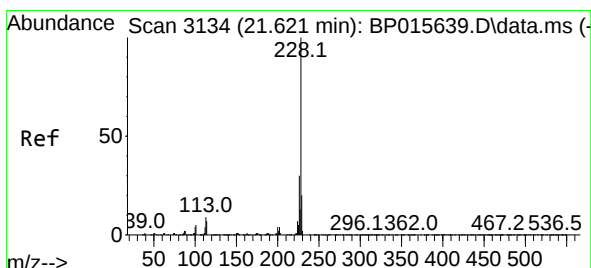
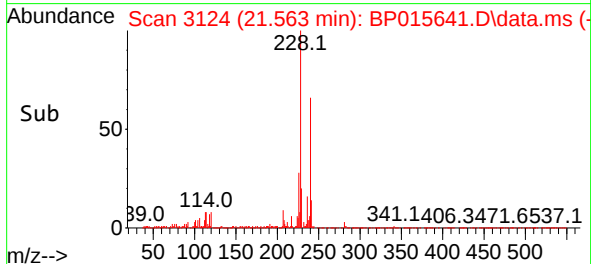
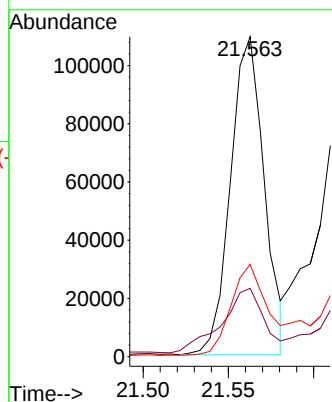
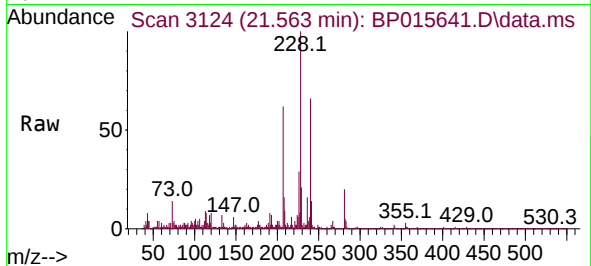
#85
Benzo(a)anthracene
Concen: 5.073 ng/u1
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

Instrument :
BNA_P
ClientSampleId :
DCFK0

Tgt Ion:228 Resp: 150269
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 28.9 21.8 32.6

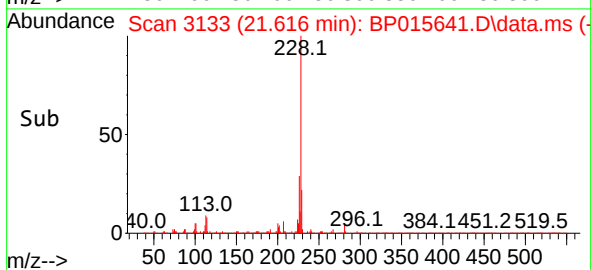
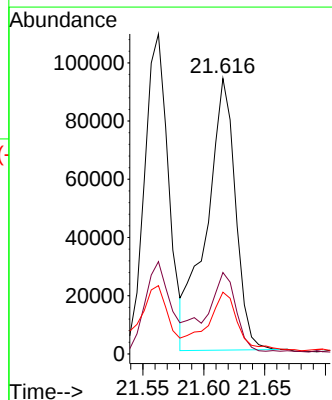
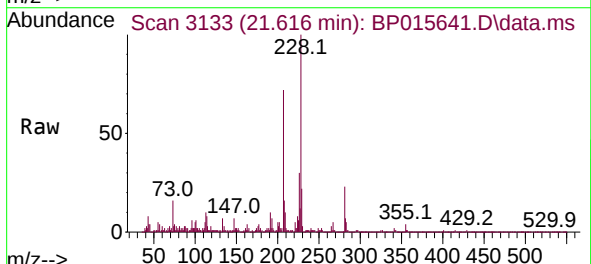
Manual Integrations
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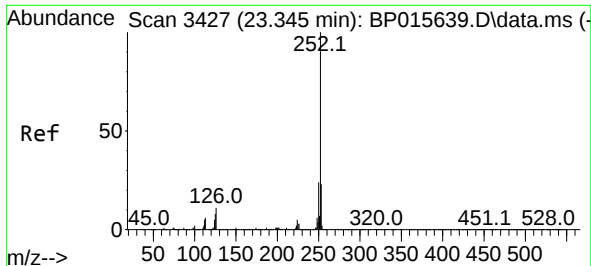
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#87
Chrysene
Concen: 5.494 ng/u1
RT: 21.616 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

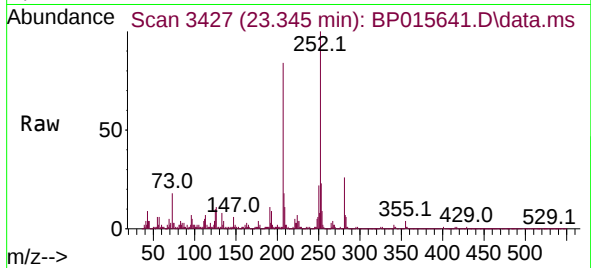
Tgt Ion:228 Resp: 153827
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 22.4 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 7.692 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44

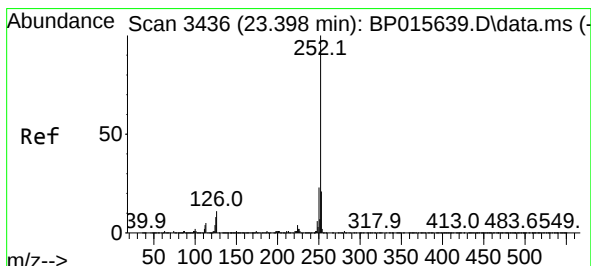
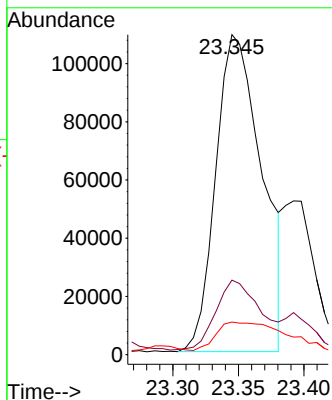
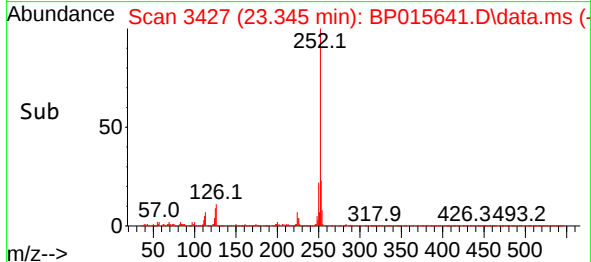
Instrument :
BNA_P
ClientSampleId :
DCFK0



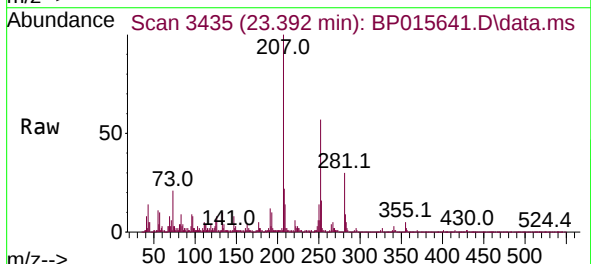
Tgt Ion:252 Resp: 26658
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.2 7.3 10.9

Manual Integrations
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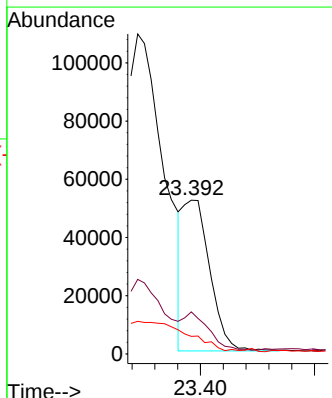
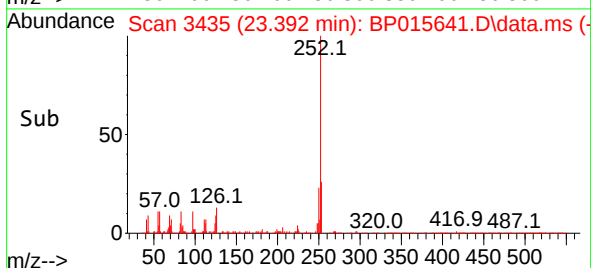
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

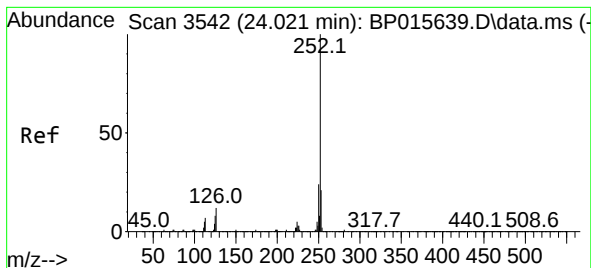


#91
Benzo(k)fluoranthene
Concen: 2.555 ng/ul m
RT: 23.392 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BP015641.D
Acq: 22 Jun 2023 11:44



Tgt Ion:252 Resp: 85596
Ion Ratio Lower Upper
252 100
253 27.4 17.7 26.5#
125 11.5 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 5.514 ng/ul

RT: 24.016 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015641.D

Acq: 22 Jun 2023 11:44

Instrument :

BNA_P

ClientSampleId :

DCFK0

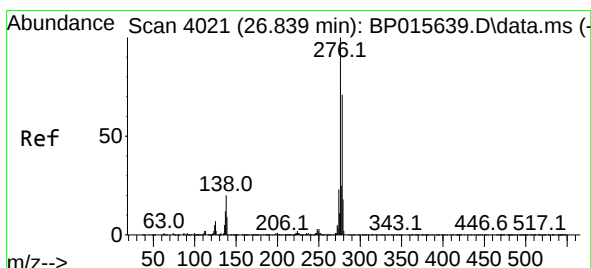
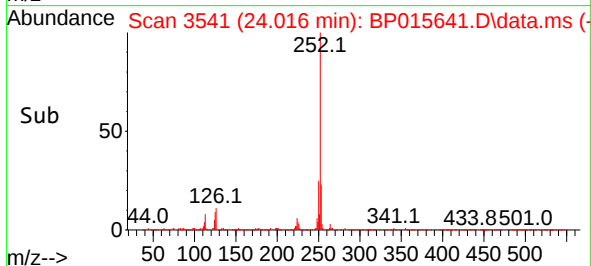
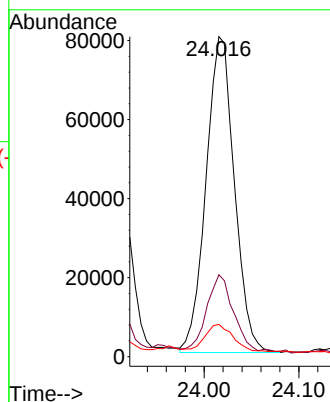
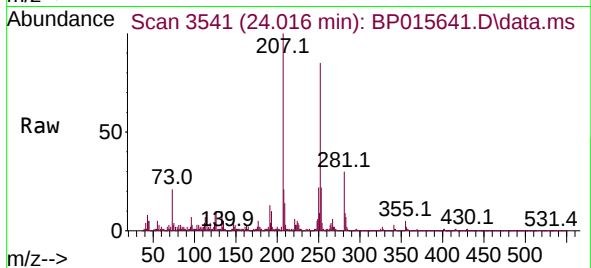
Tgt Ion:	252	Resp:	16660
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.8	26.6
125	10.1	8.1	12.1

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.750 ng/ul

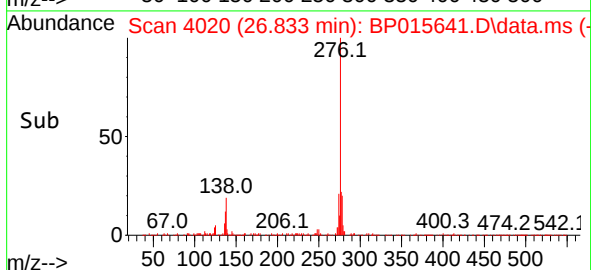
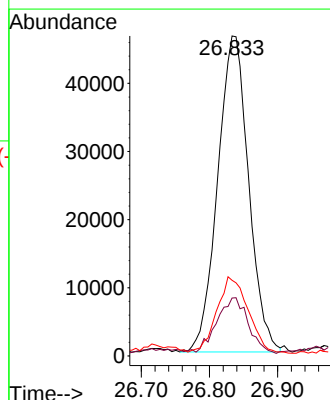
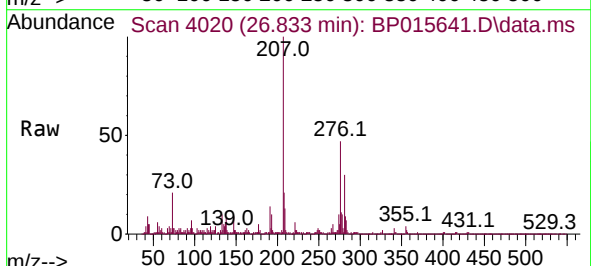
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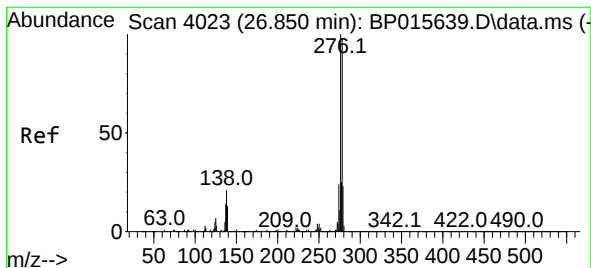
Delta R.T. -0.006 min

Lab File: BP015641.D

Acq: 22 Jun 2023 11:44

Tgt Ion:	276	Resp:	146628
Ion Ratio	Lower	Upper	
276	100		
138	18.1	17.3	25.9
277	23.7	20.2	30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.189 ng/ul

RT: 26.839 min Scan# 4023

Delta R.T. -0.012 min

Lab File: BP015641.D

Acq: 22 Jun 2023 11:44

Instrument :

BNP_P

ClientSampleId :

DCF00

Tgt Ion:278 Resp: 3786

Ion Ratio Lower Upper

278 100

139 20.7 11.4 17.0

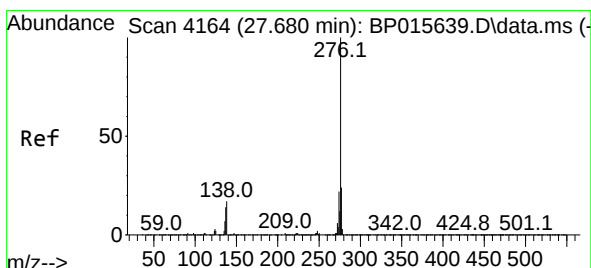
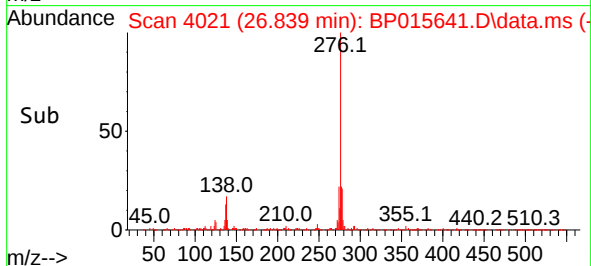
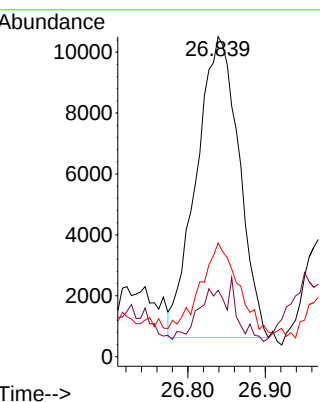
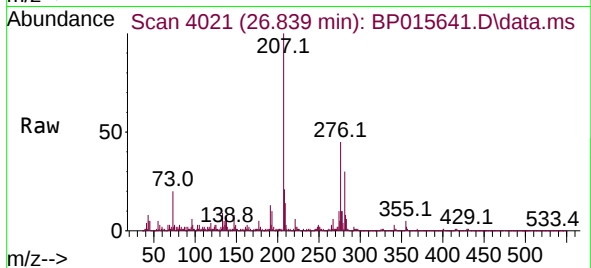
279 35.5 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 4.245 ng/ul

RT: 27.668 min Scan# 4162

Delta R.T. -0.012 min

Lab File: BP015641.D

Acq: 22 Jun 2023 11:44

Tgt Ion:276 Resp: 136813

Ion Ratio Lower Upper

276 100

138 20.4 15.6 23.4

277 25.8 19.0 28.6

