

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015673.D
 Acq On : 23 Jun 2023 16:04
 Operator : MA/JU
 Sample : 03083-14DL 30X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 23:37:38 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	131949	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	522573	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	291324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	515863	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	491238	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	632658	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.322	99	4710m	0.387	ng/u1	0.08
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.622	132	4320m	0.490	ng/u1	0.02
15) 4-Methylphenol-d8	8.893	113	4232m	0.424	ng/u1	0.09
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.151	166	16757m	0.729	ng/u1	0.02
49) Acenaphthylene-d8	14.428	160	17767	0.707	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.734	176	13170	0.680	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.598	188	22881	0.975	ng/u1	0.00
81) Pyrene-d10	19.822	212	21690	0.825	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	25804	0.813	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.539	178	288375	10.417	ng/u1	100
74) Anthracene	17.634	178	60121	2.140	ng/u1	98
80) Fluoranthene	19.492	202	602686	18.819	ng/u1	99
82) Pyrene	19.845	202	491056	14.821	ng/u1	100
85) Benzo(a)anthracene	21.563	228	321992	9.376	ng/u1	99
87) Chrysene	21.622	228	300206	9.249	ng/u1	97
90) Benzo(b)fluoranthene	23.357	252	427576	10.470	ng/u1	98
91) Benzo(k)fluoranthene	23.404	252	155330m	3.935	ng/u1	
93) Benzo(a)pyrene	24.027	252	283157	7.953	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	205164	4.452	ng/u1	97
95) Dibenzo(a,h)anthracene	26.857	278	56930	1.517	ng/u1#	78
96) Benzo(g,h,i)perylene	27.692	276	176336	4.644	ng/u1	98

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

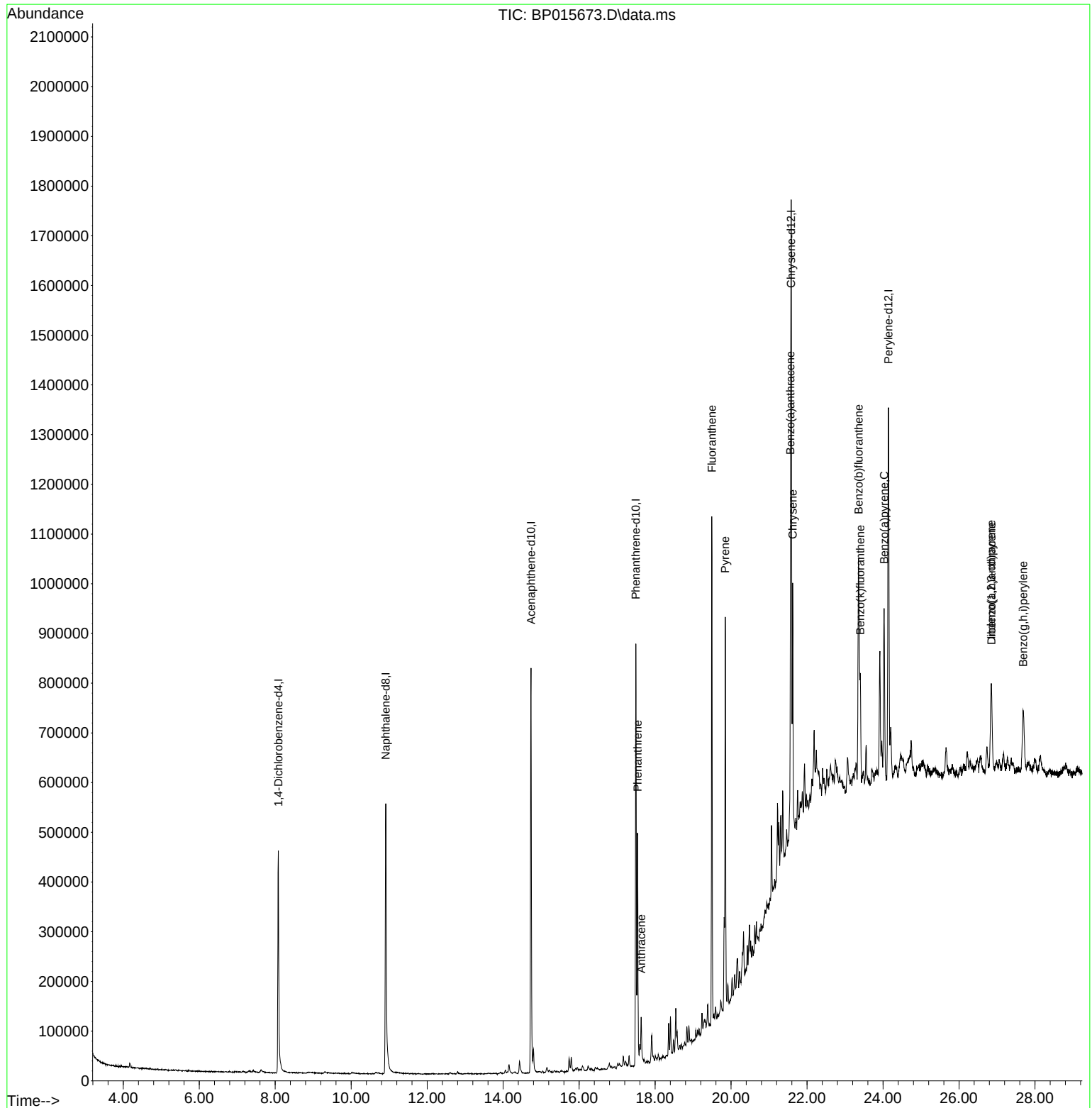
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015673.D
Acq On : 23 Jun 2023 16:04
Operator : MA/JU
Sample : 03083-14DL 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

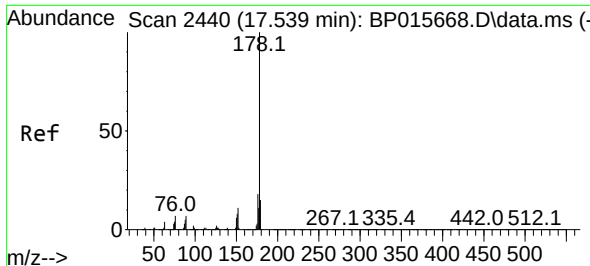
Instrument :
BNA_P
ClientSampleId :
DCFL2DL

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Supervised By :mohammad ahmed 06/27/2023

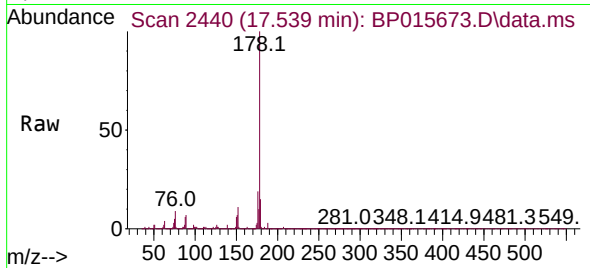
Quant Time: Jun 23 23:37:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.417 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

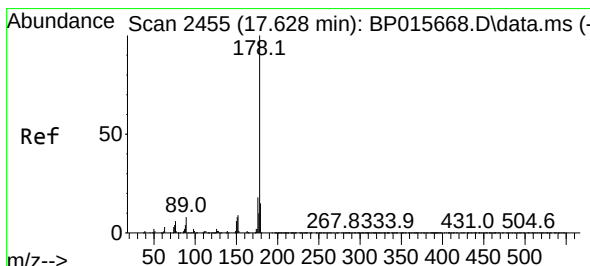
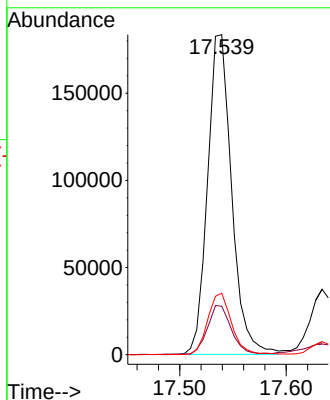
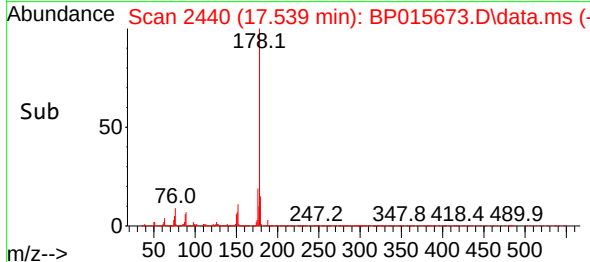
Instrument :
BNA_P
ClientSampleId :
DCFL2DL



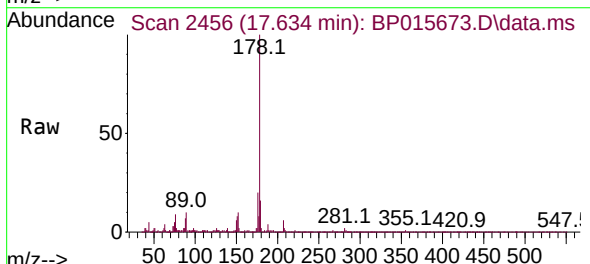
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Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.4 23.0

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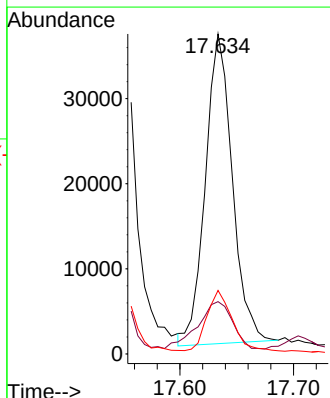
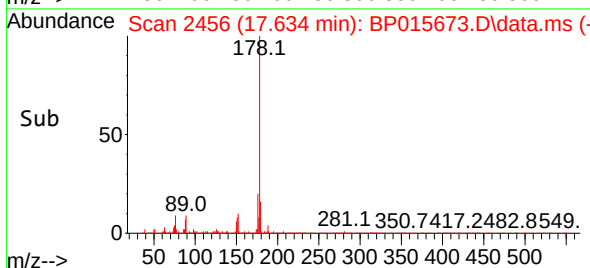
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

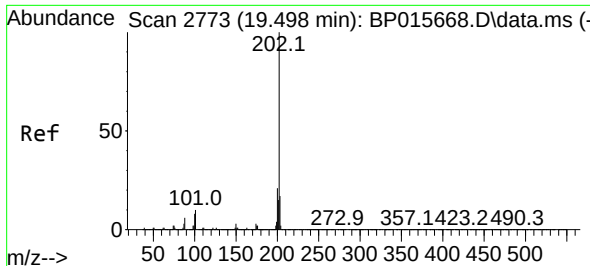


#74
Anthracene
Concen: 2.140 ng/ul
RT: 17.634 min Scan# 2456
Delta R.T. 0.006 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04



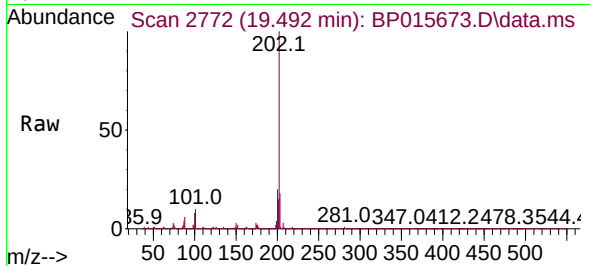
Tgt Ion:178 Resp: 60121
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 19.8 15.0 22.4





#80
Fluoranthene
Concen: 18.819 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

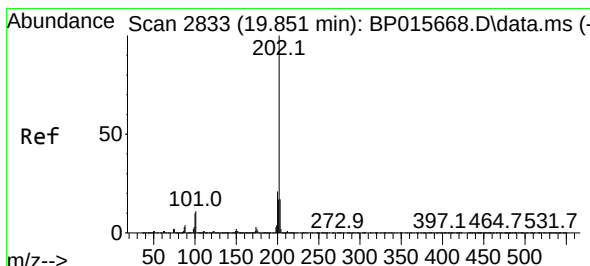
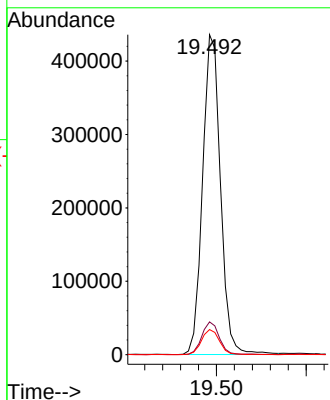
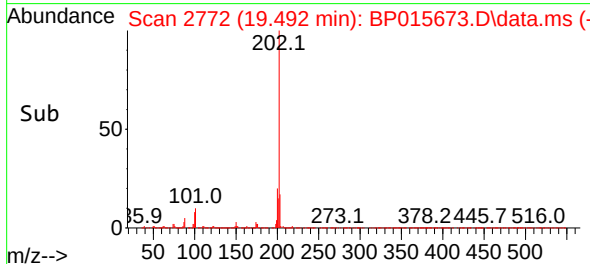
Instrument :
BNA_P
ClientSampleId :
DCFL2DL



Tgt Ion:202 Resp: 602680
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 7.9 6.6 9.8

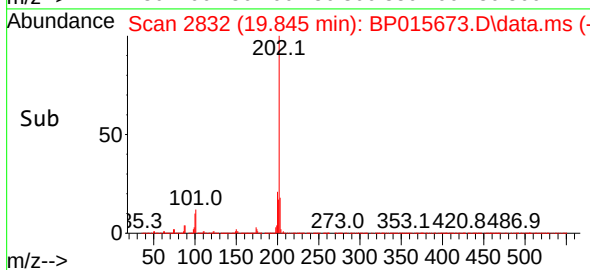
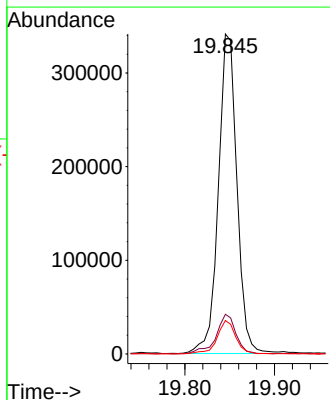
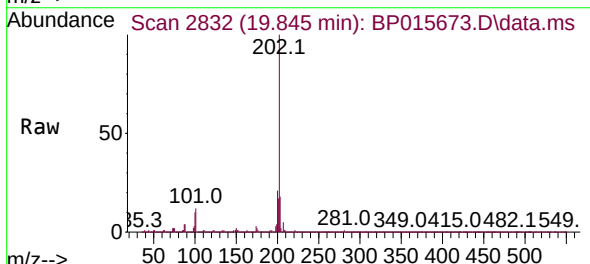
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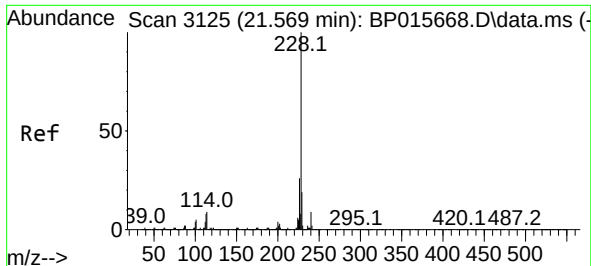
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 14.821 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

Tgt Ion:202 Resp: 491056
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 10.5 8.4 12.6





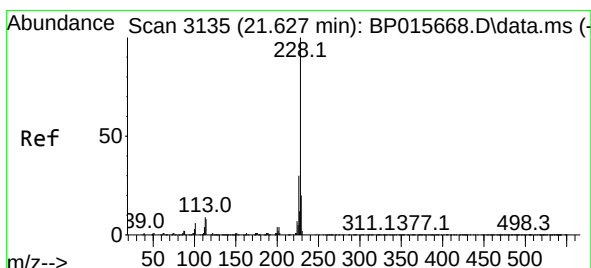
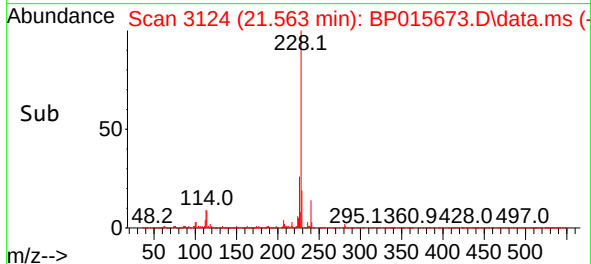
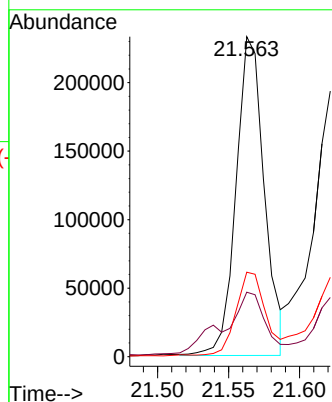
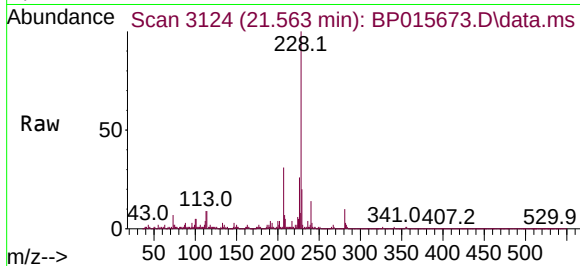
#85
Benzo(a)anthracene
Concen: 9.376 ng/u1
RT: 21.563 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Tgt Ion:228 Resp: 321992
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 26.4 21.8 32.6

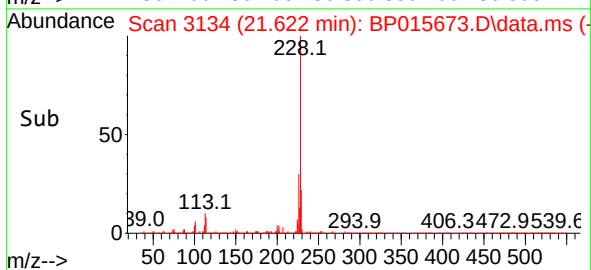
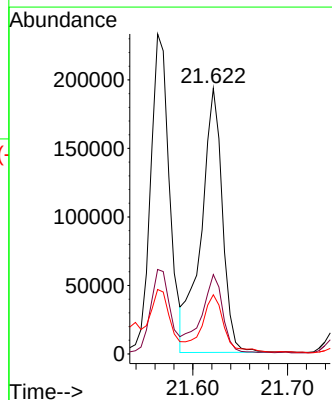
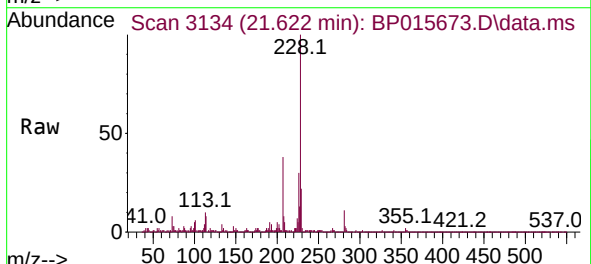
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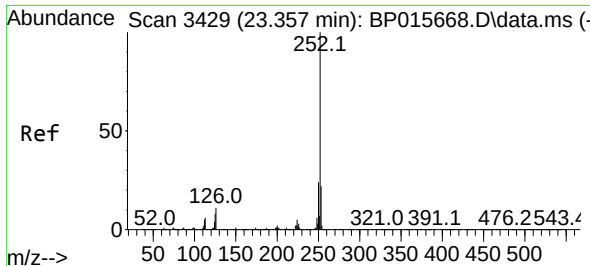
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 9.249 ng/u1
RT: 21.622 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

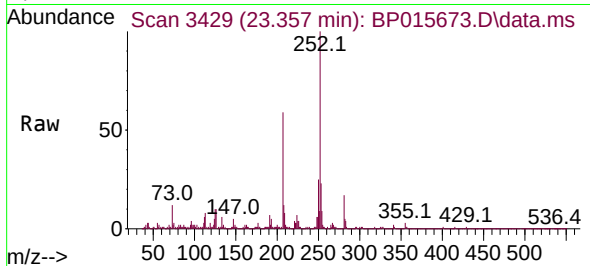
Tgt Ion:228 Resp: 300206
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 22.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 10.470 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

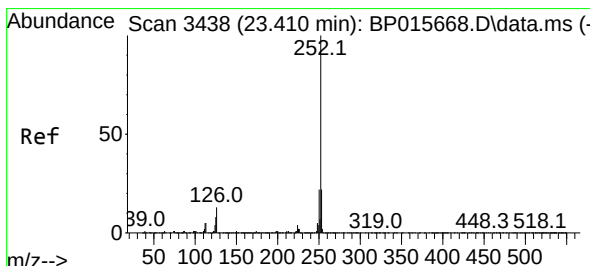
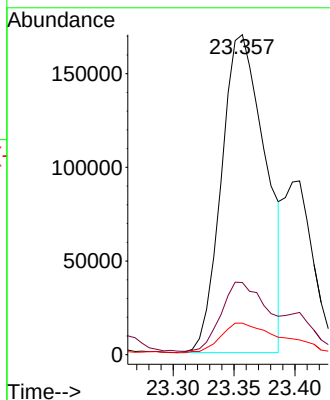
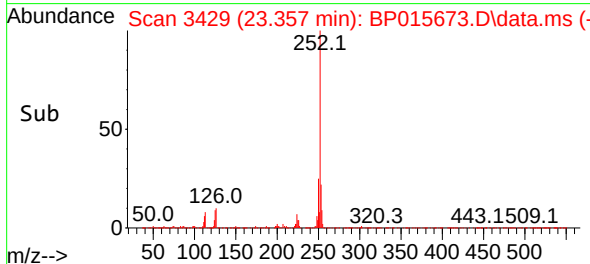
Instrument :
BNA_P
ClientSampleId :
DCFL2DL



Tgt Ion:252 Resp: 427570
Ion Ratio Lower Upper
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253 22.6 17.4 26.2
125 9.9 7.3 10.9

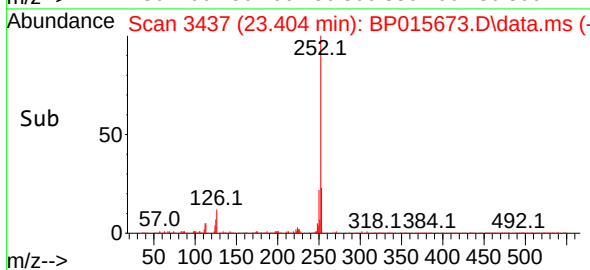
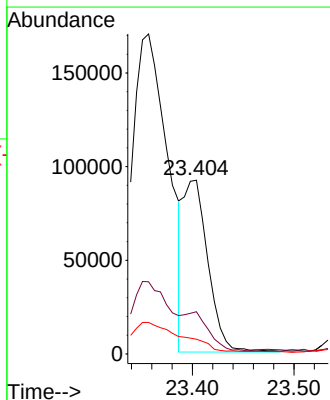
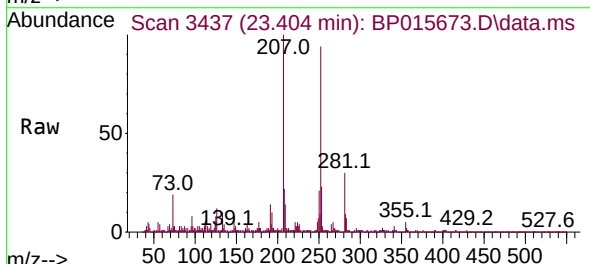
Manual Integrations
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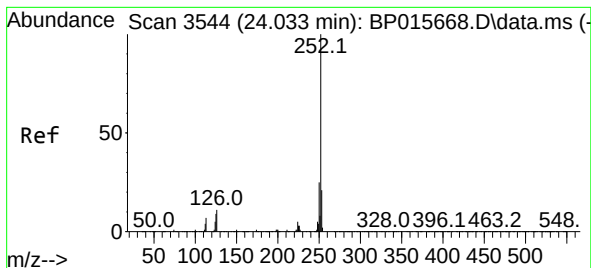
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 3.935 ng/ul m
RT: 23.404 min Scan# 3437
Delta R.T. 0.006 min
Lab File: BP015673.D
Acq: 23 Jun 2023 16:04

Tgt Ion:252 Resp: 155330
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 8.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 7.953 ng/ul

RT: 24.027 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNA_P

ClientSampleId :

DCFL2DL

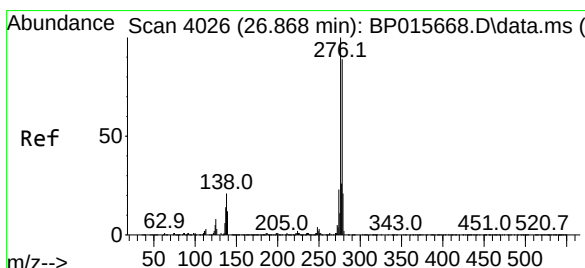
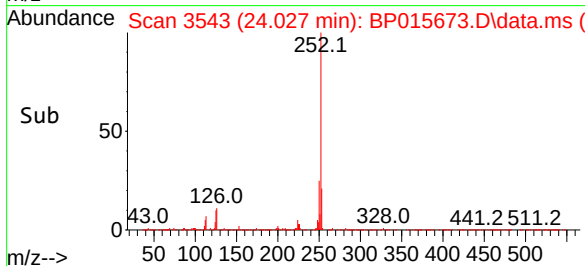
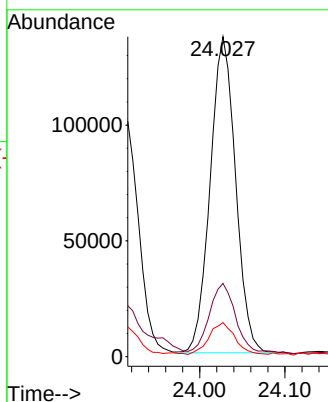
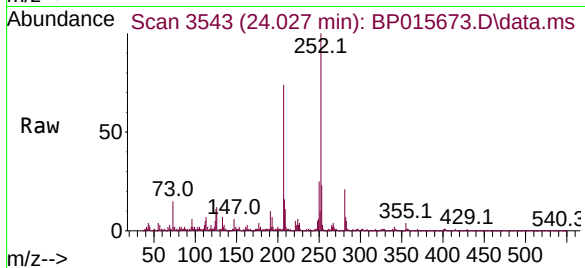
Tgt Ion:	252	Resp:	28315
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	10.6	8.1	12.1

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.452 ng/ul

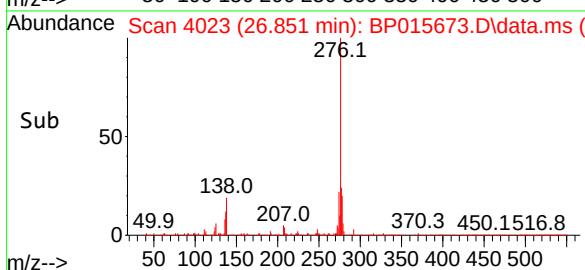
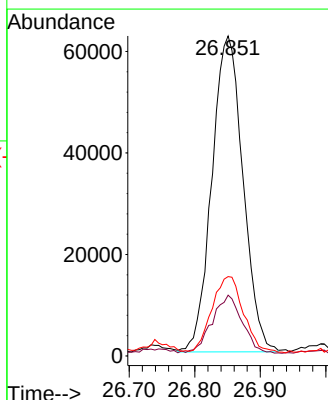
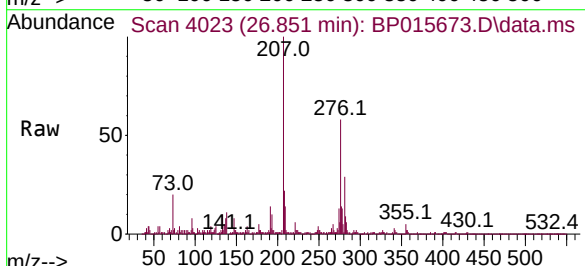
RT: 26.851 min Scan# 4023

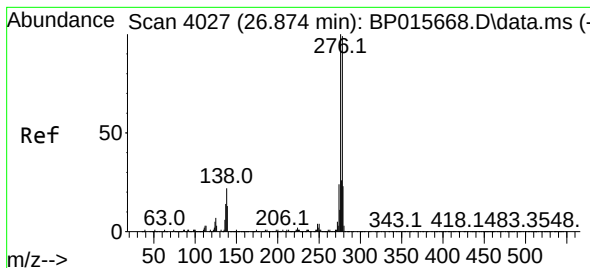
Delta R.T. 0.012 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Tgt Ion:	276	Resp:	205164
Ion Ratio	Lower	Upper	
276	100		
138	19.0	17.3	25.9
277	24.8	20.2	30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.517 ng/ul

RT: 26.857 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Instrument :

BNP_P

ClientSampleId :

DCFL2DL

Tgt Ion: 278 Resp: 56930

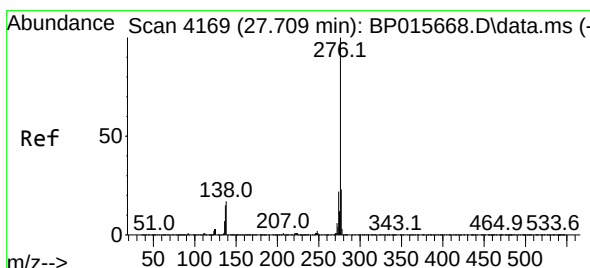
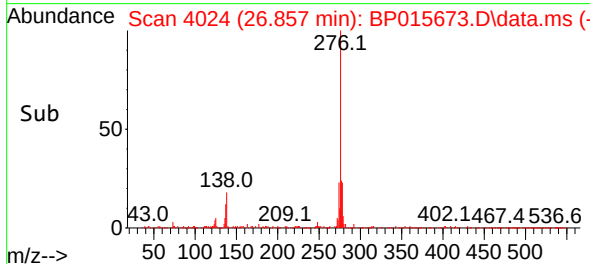
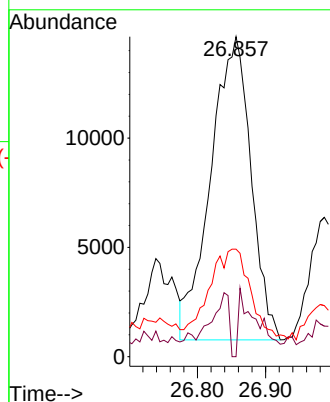
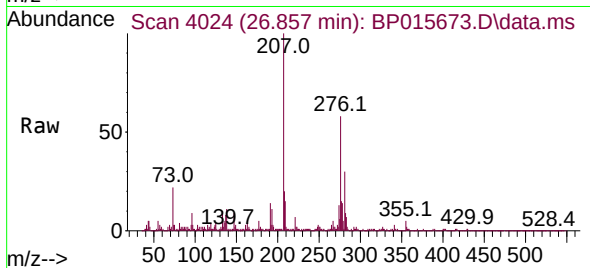
Ion	Ratio	Lower	Upper
278	100		
139	4.6	11.4	17.0
279	33.6	18.7	28.1

Manual Integrations

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Supervised By : mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 4.644 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. 0.012 min

Lab File: BP015673.D

Acq: 23 Jun 2023 16:04

Tgt Ion: 276 Resp: 176336

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.6	23.4
277	24.6	19.0	28.6

