

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015674.D
 Acq On : 23 Jun 2023 16:38
 Operator : MA/JU
 Sample : 03084-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL9

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 23:41:27 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	122186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	451766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	242329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	489841	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	507654	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	622518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8306	2.517	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.252	99	134977	11.991	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.404	67	100361	14.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	124589	15.266	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	67553	7.312	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	59606	16.806	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	63783	15.747	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	93890	12.707	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	74044	6.982	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	336492	17.609	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	384586	18.406	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	14938m	4.365	ng/u1	0.05
60) Fluorene-d10	15.728	176	273080	16.947	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	23113	7.448	ng/u1	0.02
73) Anthracene-d10	17.592	188	390143	17.505	ng/u1	0.00
81) Pyrene-d10	19.822	212	528919	19.467	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	586112	18.764	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.533	178	117939	4.487	ng/u1	100
80) Fluoranthene	19.492	202	385301	11.642	ng/u1	99
82) Pyrene	19.851	202	318004	9.287	ng/u1	97
85) Benzo(a)anthracene	21.568	228	189070	5.328	ng/u1	99
87) Chrysene	21.621	228	229412	6.839	ng/u1	98
90) Benzo(b)fluoranthene	23.357	252	367984	9.158	ng/u1	97
91) Benzo(k)fluoranthene	23.404	252	99568m	2.563	ng/u1	
93) Benzo(a)pyrene	24.027	252	215273	6.145	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	184048	4.059	ng/u1	95
95) Dibenzo(a,h)anthracene	26.856	278	51810m	1.403	ng/u1	
96) Benzo(g,h,i)perylene	27.692	276	177997	4.764	ng/u1	99

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

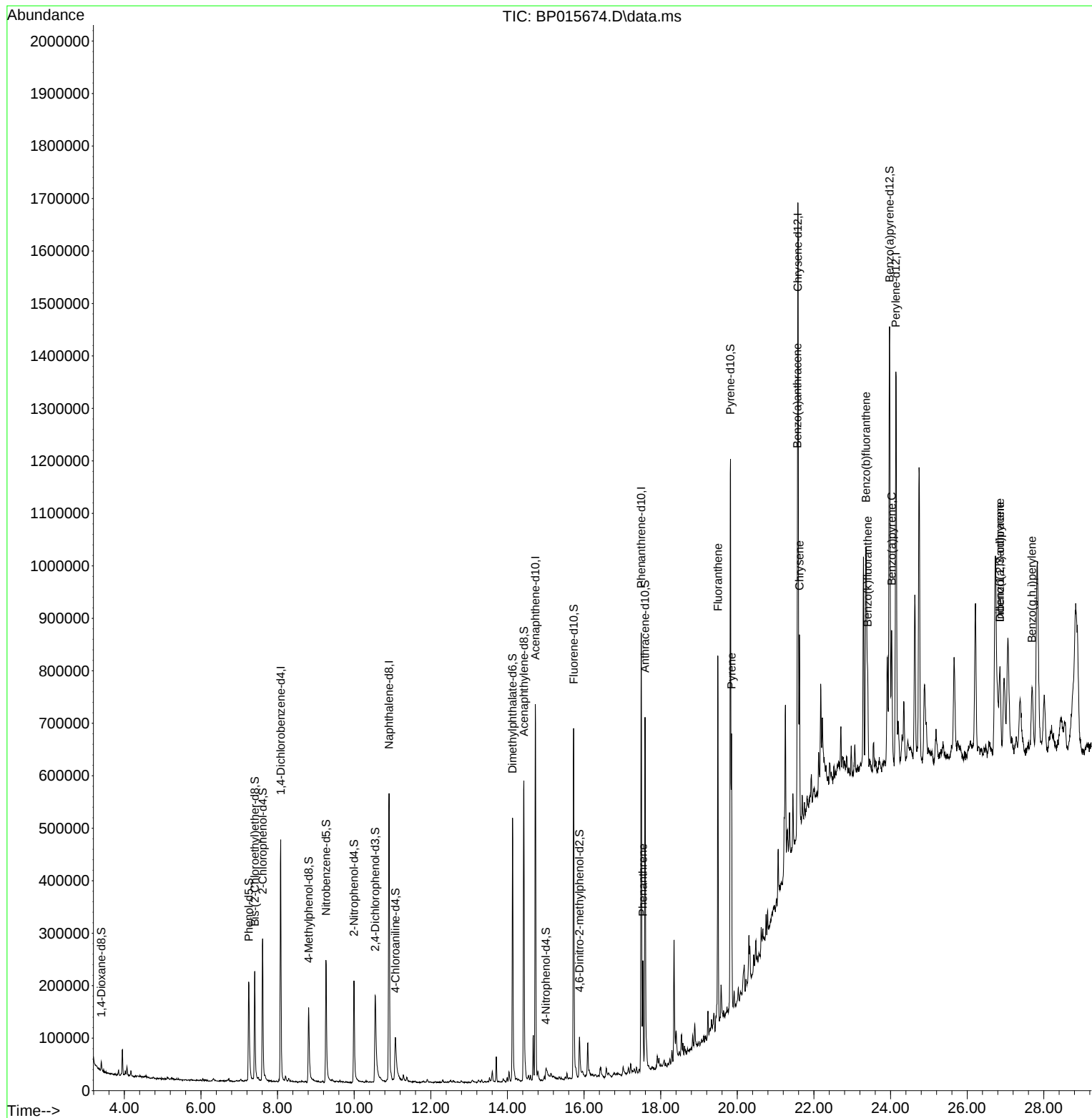
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015674.D
Acq On : 23 Jun 2023 16:38
Operator : MA/JU
Sample : 03084-02
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ALS Vial : 8 Sample Multiplier: 1

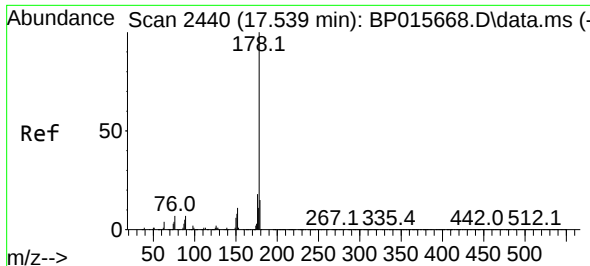
Instrument :
BNA_P
ClientSampleId :
DCFL9

Quant Time: Jun 23 23:41:27 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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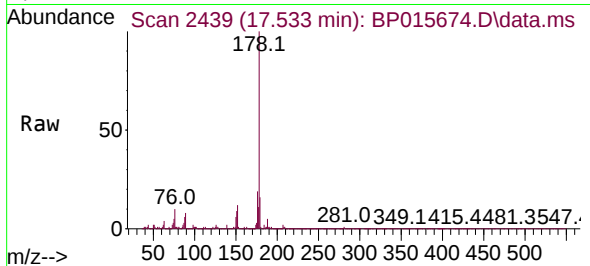
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#72
Phenanthrene
Concen: 4.487 ng/ul
RT: 17.533 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP015674.D
Acq: 23 Jun 2023 16:38

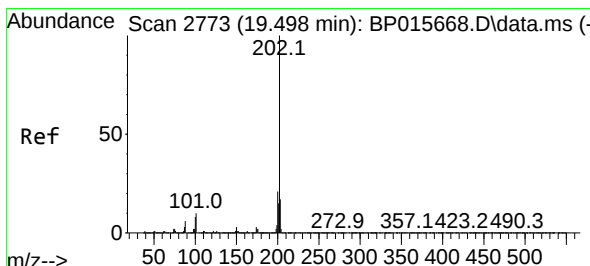
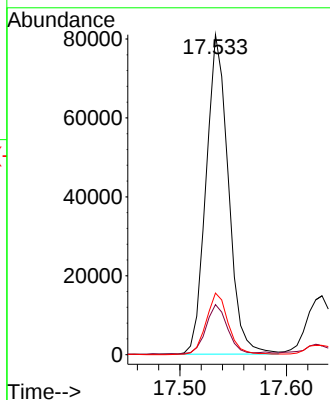
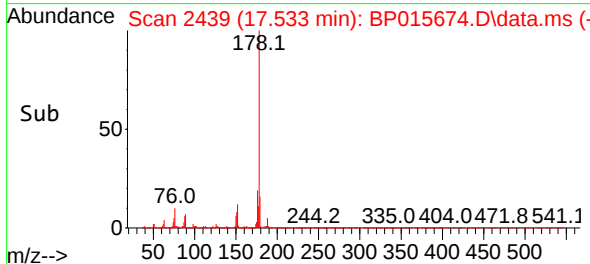
Instrument :
BNA_P
ClientSampleId :
DCFL9



Tgt Ion:178 Resp: 117939
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.4 23.0

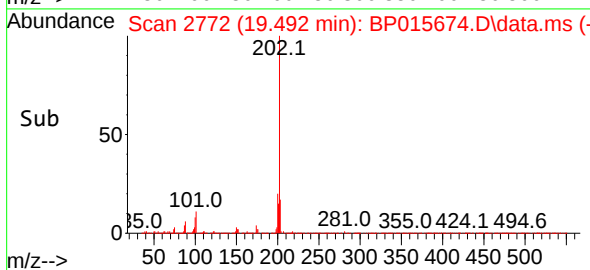
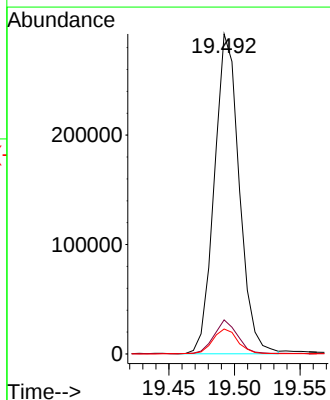
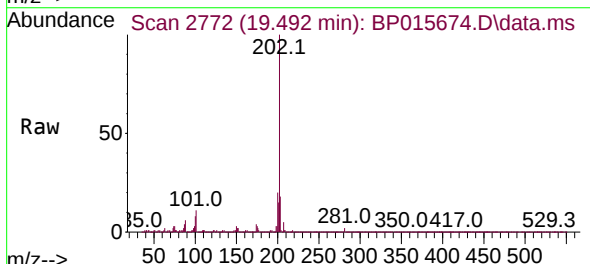
Manual Integrations
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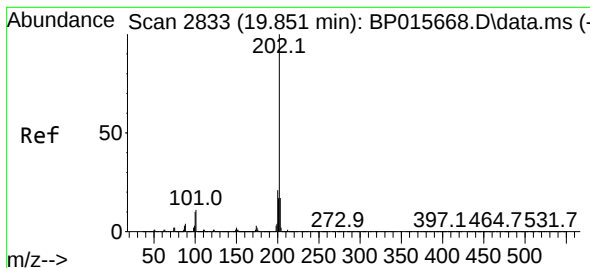
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#80
Fluoranthene
Concen: 11.642 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015674.D
Acq: 23 Jun 2023 16:38

Tgt Ion:202 Resp: 385301
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 7.8 6.6 9.8





#82

Pyrene

Concen: 9.287 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFL9

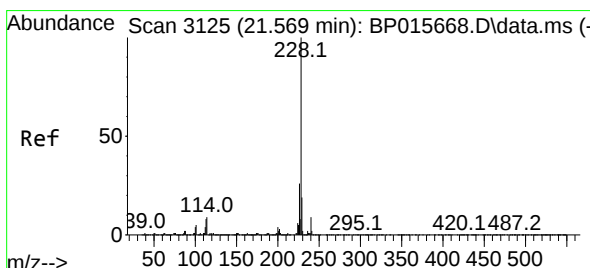
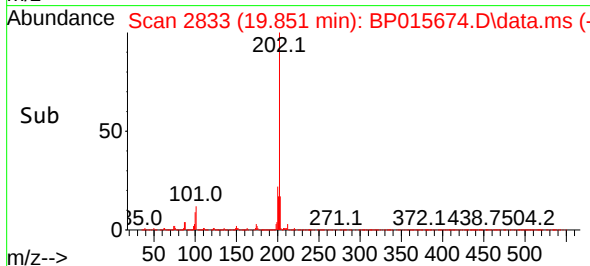
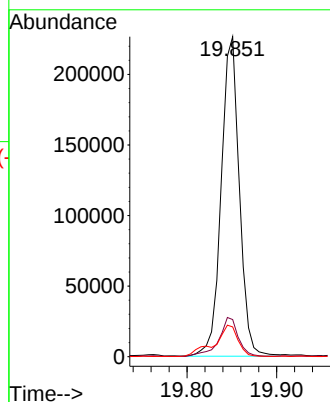
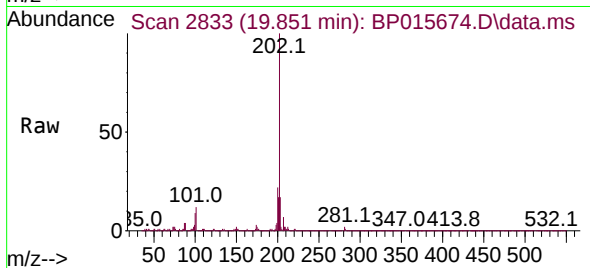
Tgt Ion:	202	Resp:	31800
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.9	14.9
100	9.3	8.4	12.6

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Supervised By :mohammad ahmed 06/27/2023



#85

Benzo(a)anthracene

Concen: 5.328 ng/ul

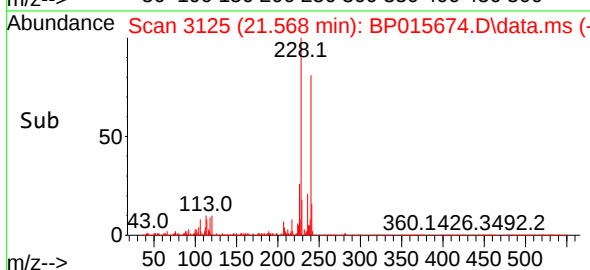
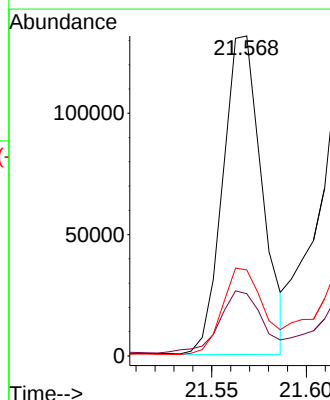
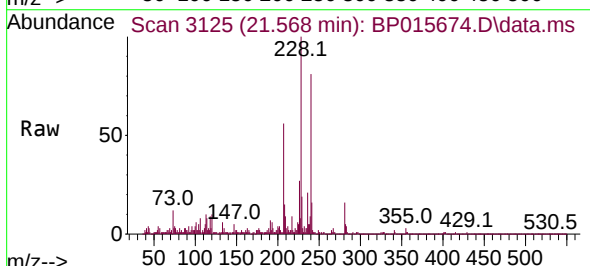
RT: 21.568 min Scan# 3125

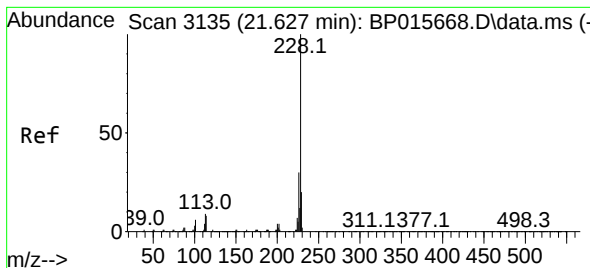
Delta R.T. 0.006 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

Tgt Ion:	228	Resp:	189070
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.8	23.6
226	26.9	21.8	32.6





#87

Chrysene

Concen: 6.839 ng/ul

RT: 21.621 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFL9

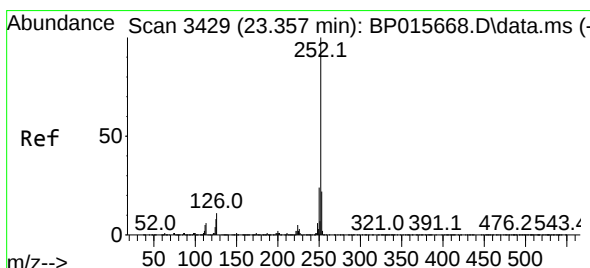
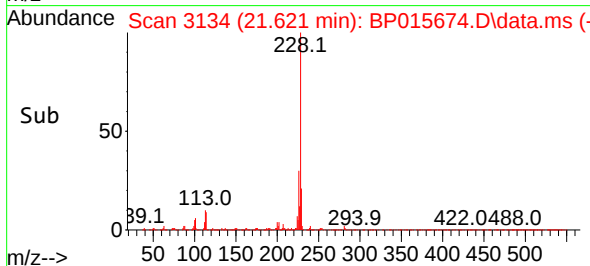
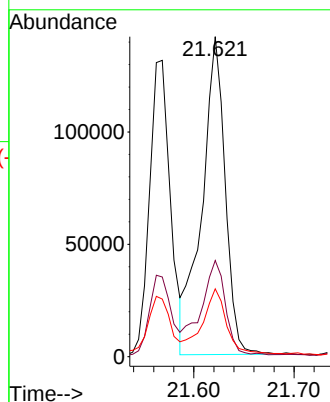
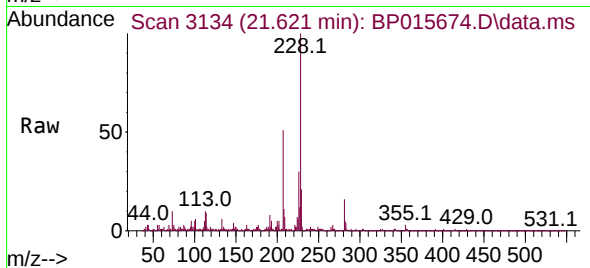
Tgt Ion:	228	Resp:	22941
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.9	35.9
229	21.2	15.1	22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(b)fluoranthene

Concen: 9.158 ng/ul

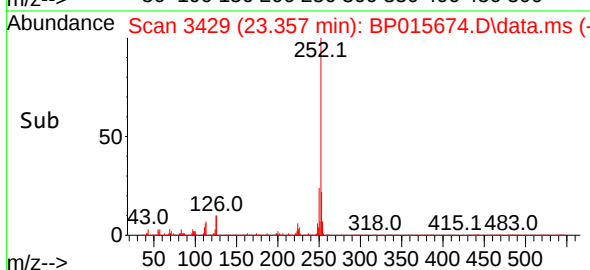
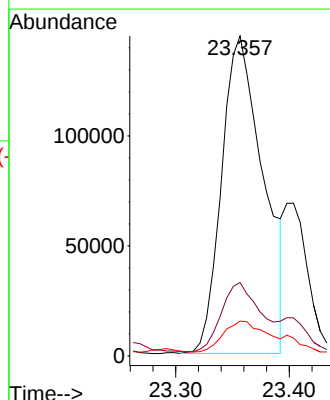
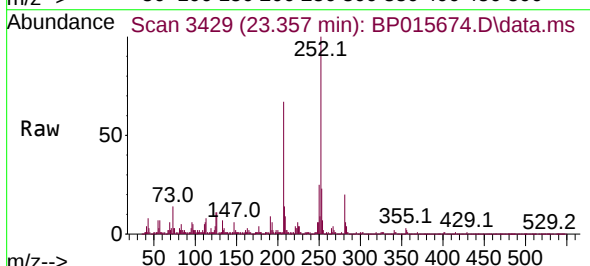
RT: 23.357 min Scan# 3429

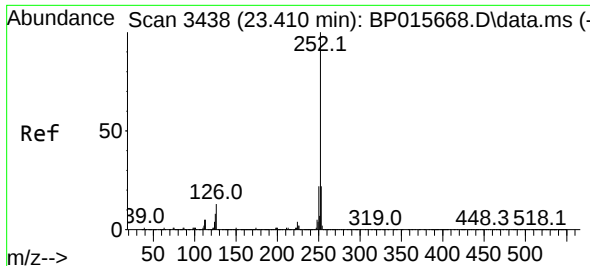
Delta R.T. 0.012 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

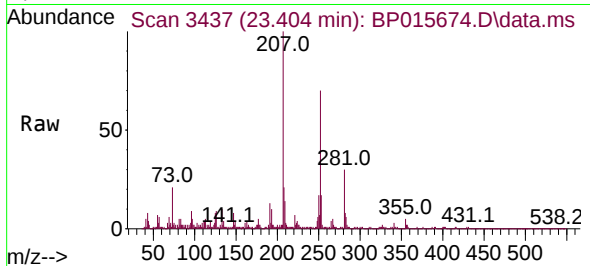
Tgt Ion:	252	Resp:	367984
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	10.9	7.3	10.9





#91
Benzo(k)fluoranthene
Concen: 2.563 ng/ul m
RT: 23.404 min Scan# 3438
Delta R.T. 0.006 min
Lab File: BP015674.D
Acq: 23 Jun 2023 16:38

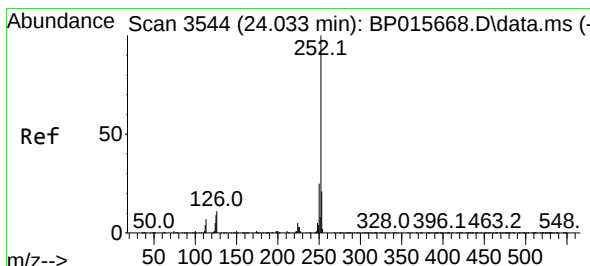
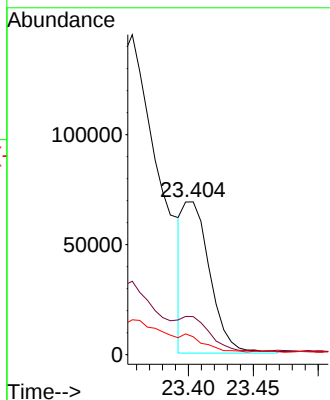
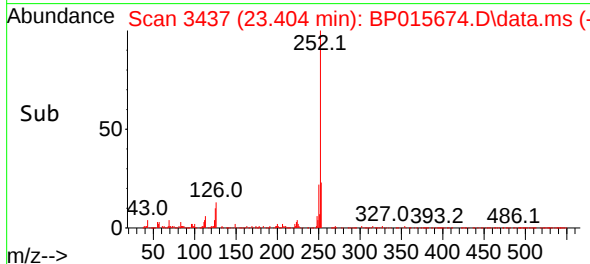
Instrument :
BNA_P
ClientSampleId :
DCFL9



Tgt Ion:252 Resp: 99568
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 11.7 7.3 10.9

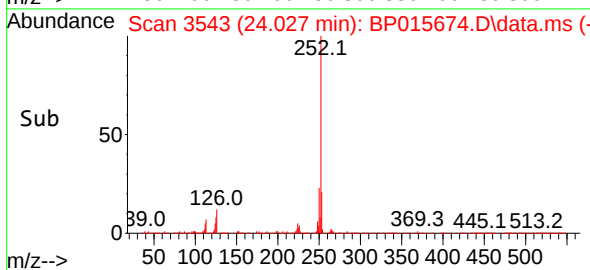
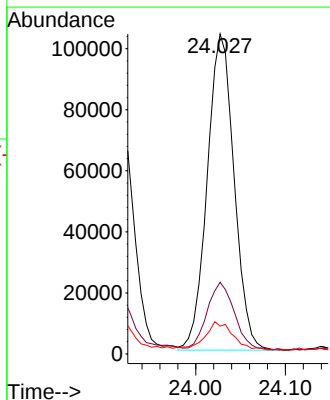
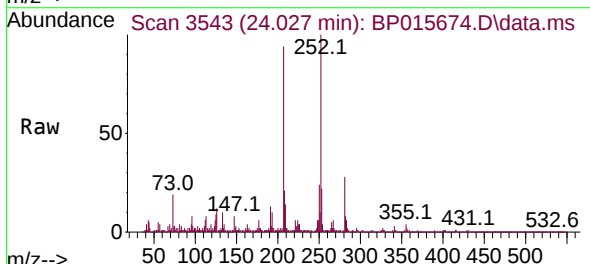
Manual Integrations
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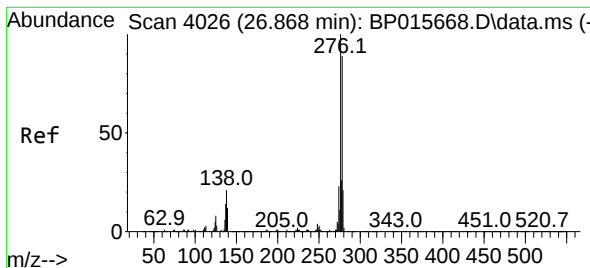
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 6.145 ng/ul
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP015674.D
Acq: 23 Jun 2023 16:38

Tgt Ion:252 Resp: 215273
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.7 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.059 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. 0.018 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFL9

Tgt Ion:276 Resp: 18404

Ion Ratio Lower Upper

276 100

138 17.6 17.3 25.9

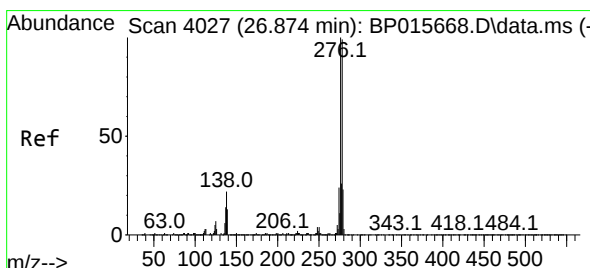
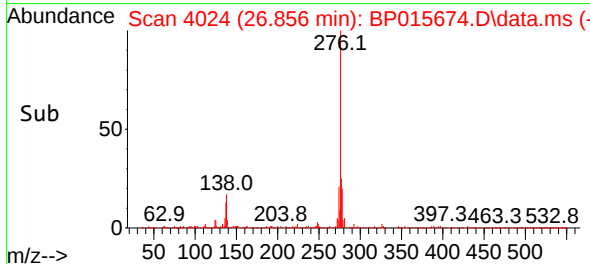
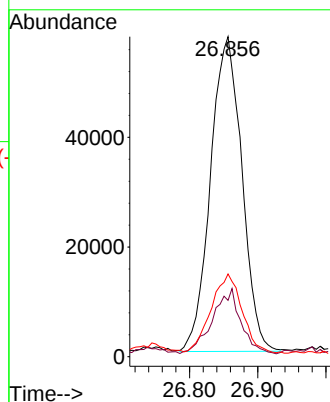
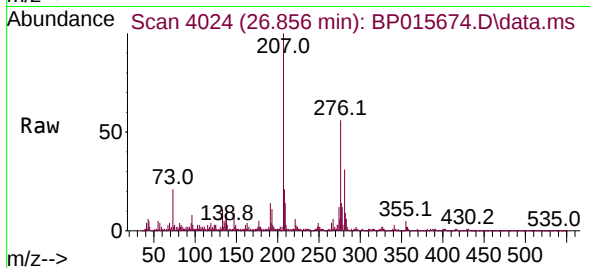
277 25.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.403 ng/ul m

RT: 26.856 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BP015674.D

Acq: 23 Jun 2023 16:38

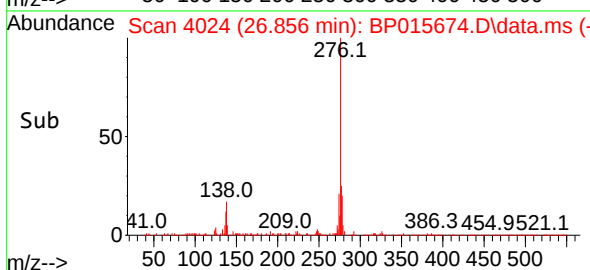
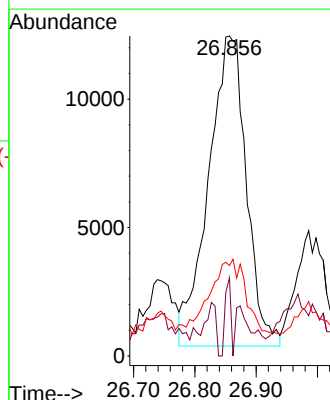
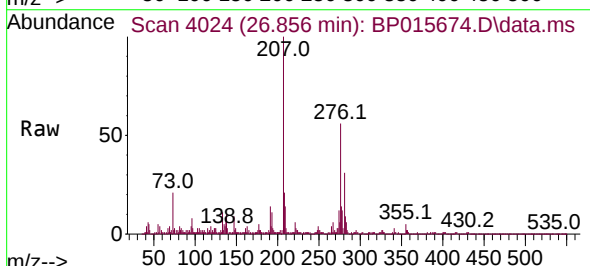
Tgt Ion:278 Resp: 51810

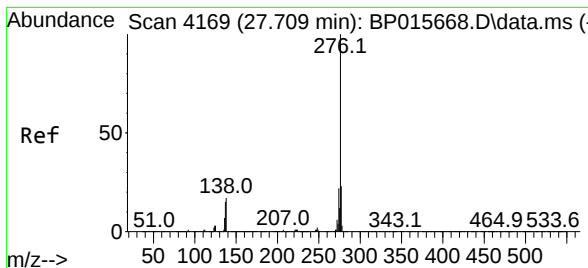
Ion Ratio Lower Upper

278 100

139 24.5 11.4 17.0#

279 28.2 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 4.764 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. 0.012 min

Lab File: BP015674.D

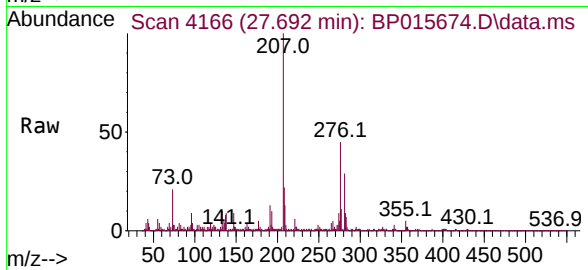
Acq: 23 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFL9



Tgt Ion:276 Resp: 17799

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 23.5 19.0 28.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023

