

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015670.D
 Acq On : 23 Jun 2023 14:23
 Operator : MA/JU
 Sample : 03084-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN6

Quant Time: Jun 23 22:46:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	133890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	499834	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	269426	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	537510	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	555229	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	685907	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	7054	1.951	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.246	99	97463	7.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	73410	9.965	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	89445	10.002	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	40347	3.986	ng/u1	0.01
21) Nitrobenzene-d5	9.263	128	41185	10.495	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	47075	10.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	68067	8.326	ng/u1	0.02
31) 4-Chloroaniline-d4	11.087	131	24720m	2.107	ng/u1	0.04
46) Dimethylphthalate-d6	14.140	166	245046	11.534	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	276471	11.901	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	16725m	4.396	ng/u1	0.05
60) Fluorene-d10	15.728	176	195792	10.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	20583	6.045	ng/u1	0.02
73) Anthracene-d10	17.592	188	283506	11.593	ng/u1	0.00
81) Pyrene-d10	19.822	212	362602	12.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	406060	11.799	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	57878	2.007	ng/u1	99
80) Fluoranthene	19.492	202	259236	7.162	ng/u1	99
82) Pyrene	19.851	202	219643	5.865	ng/u1	99
85) Benzo(a)anthracene	21.569	228	123892	3.192	ng/u1	98
87) Chrysene	21.627	228	162604	4.432	ng/u1	96
90) Benzo(b)fluoranthene	23.357	252	244799	5.529	ng/u1#	96
91) Benzo(k)fluoranthene	23.398	252	83112m	1.942	ng/u1	
93) Benzo(a)pyrene	24.033	252	141159	3.657	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	120677	2.416	ng/u1	97
96) Benzo(g,h,i)perylene	27.698	276	115490	2.805	ng/u1	97

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

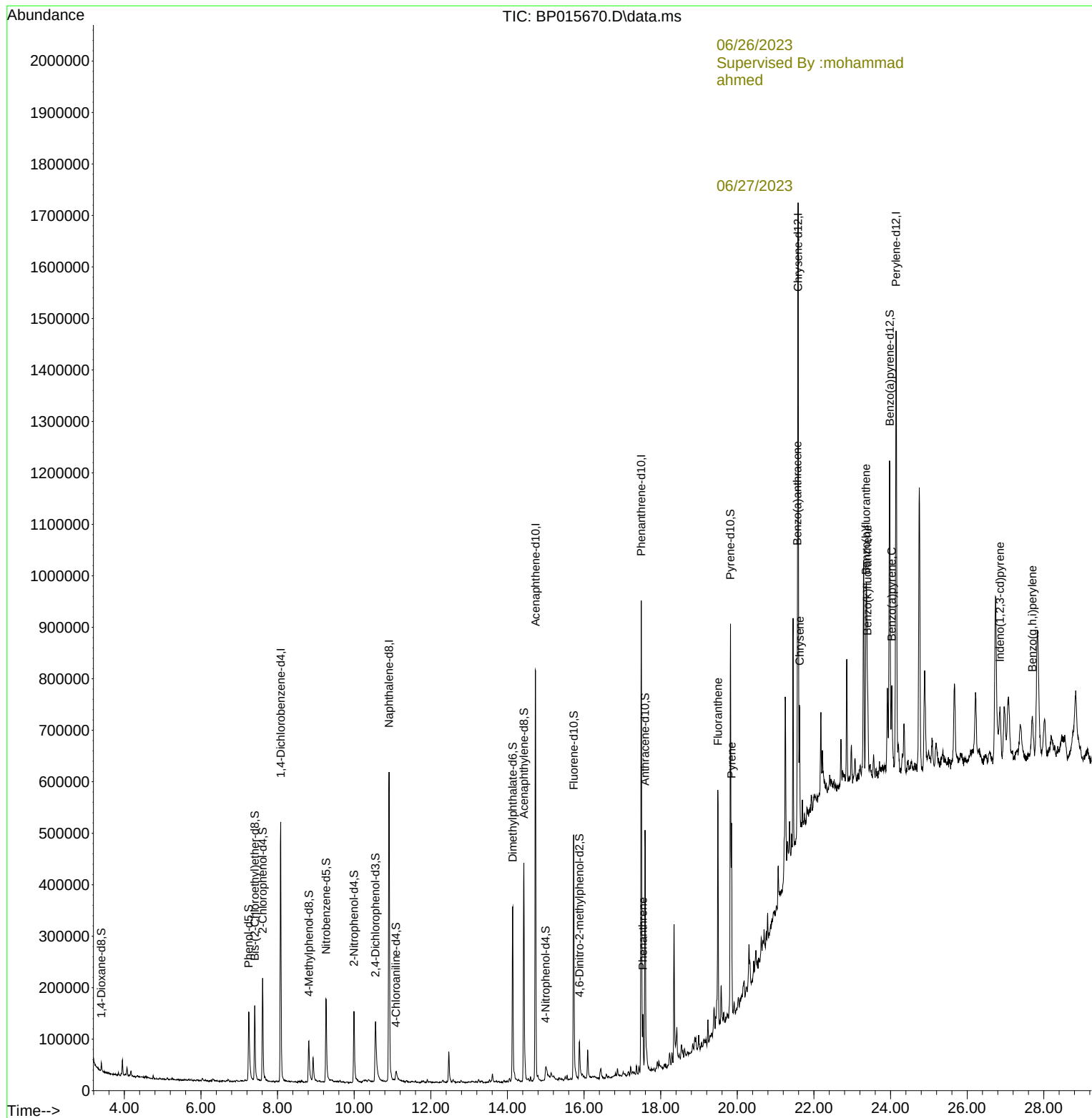
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015670.D
Acq On : 23 Jun 2023 14:23
Operator : MA/JU
Sample : 03084-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

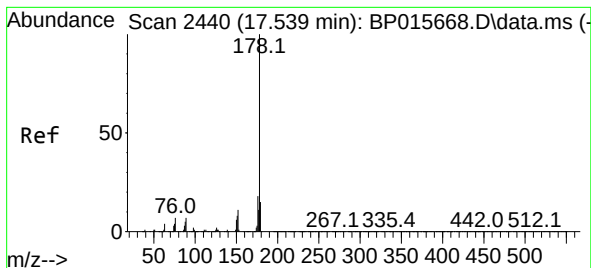
Instrument :
BNA_P
ClientSampleId :
DCFN6

Quant Time: Jun 23 22:46:31 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
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#72

Phenanthrene

Concen: 2.007 ng/u1

RT: 17.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Instrument :

BNP_P

ClientSampleId :

DCFN6

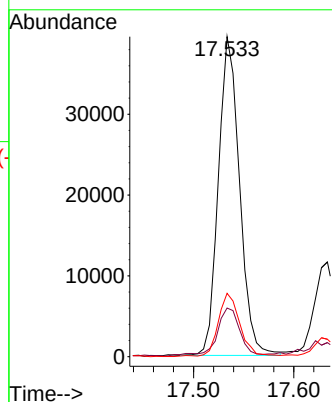
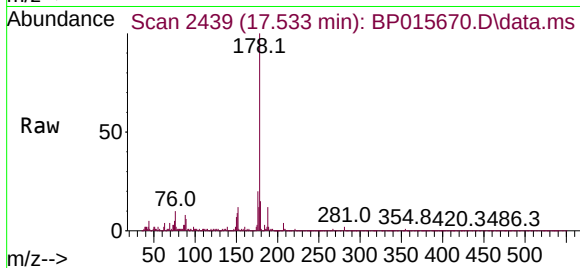
Tgt Ion:178	Resp:	57878
Ion Ratio	Lower	Upper
178	100	
179	15.2	12.3 18.5
176	19.8	15.4 23.0

Manual Integrations

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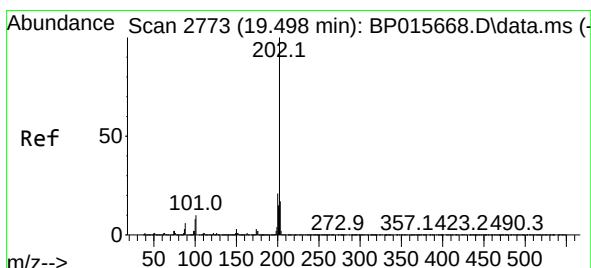
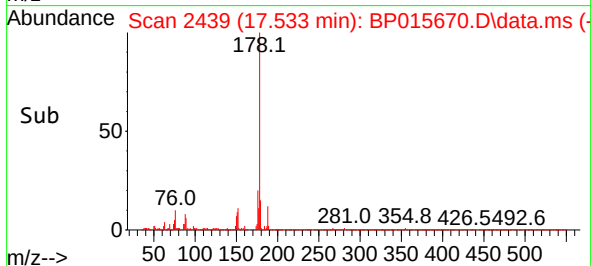
Supervised By :mohammad ahmed 06/27/2023



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#80

Fluoranthene

Concen: 7.162 ng/u1

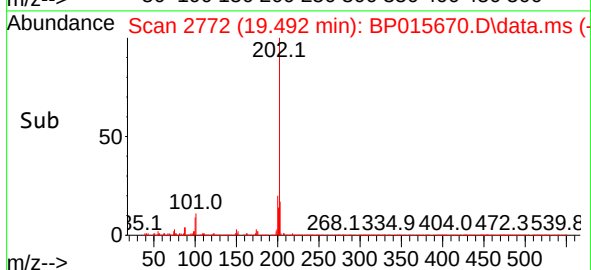
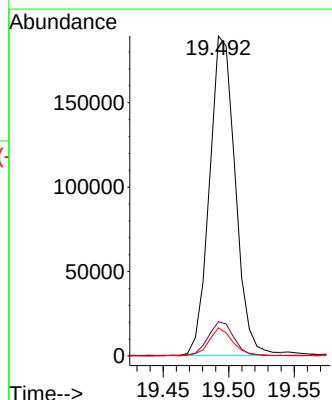
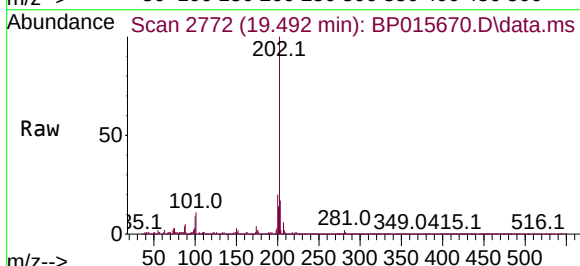
RT: 19.492 min Scan# 2772

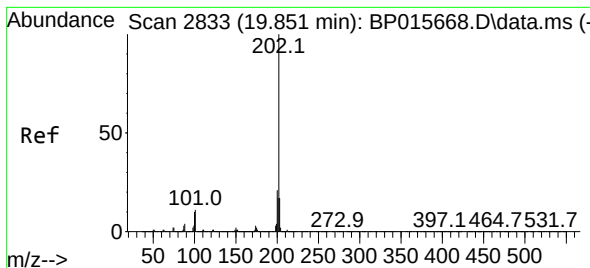
Delta R.T. 0.000 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Tgt Ion:202	Resp:	259236
Ion Ratio	Lower	Upper
202	100	
101	10.7	8.6 13.0
100	8.8	6.6 9.8





#82

Pyrene

Concen: 5.865 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Instrument :

BNL_P

ClientSampleId :

DCFN6

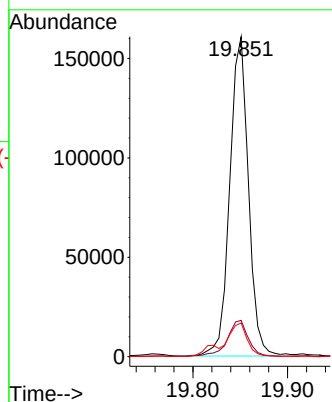
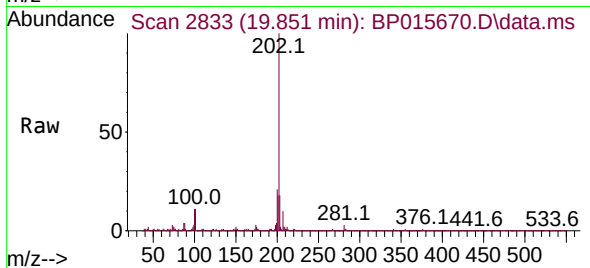
Tgt Ion:	202	Resp:	21964
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.9	14.9
100	10.5	8.4	12.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

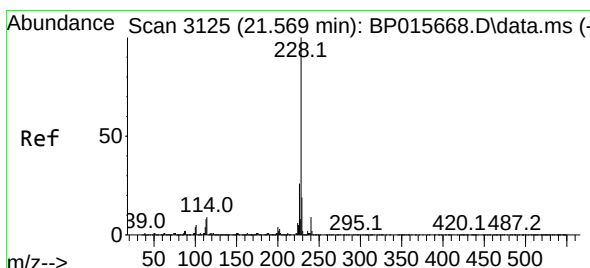
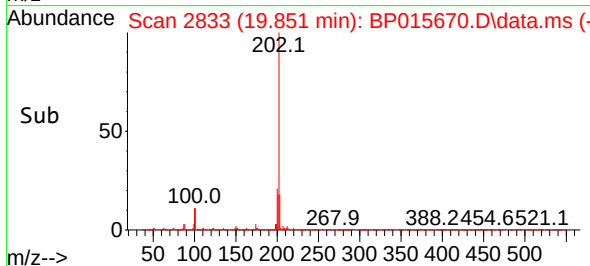
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#85

Benzo(a)anthracene

Concen: 3.192 ng/ul

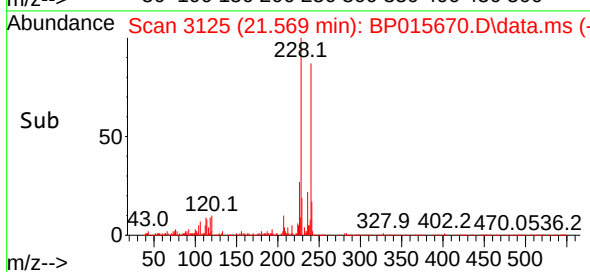
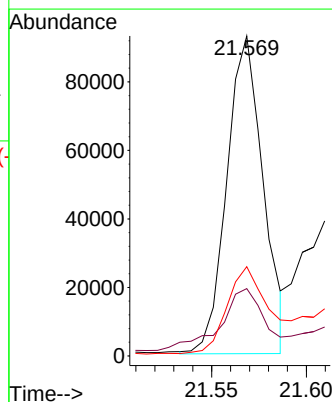
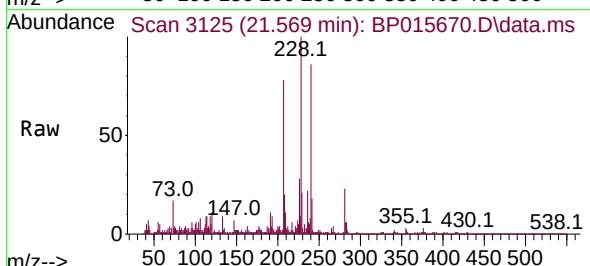
RT: 21.569 min Scan# 3125

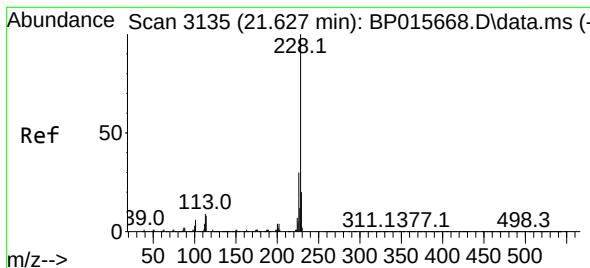
Delta R.T. 0.006 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Tgt Ion:	228	Resp:	123892
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	27.9	21.8	32.6





#87

Chrysene

Concen: 4.432 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Instrument :

BNA_P

ClientSampleId :

DCFN6

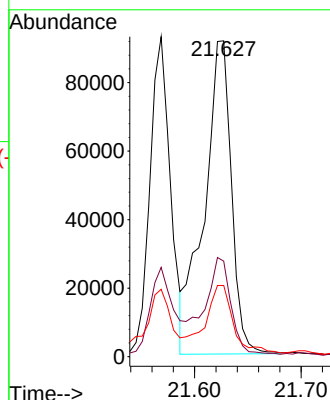
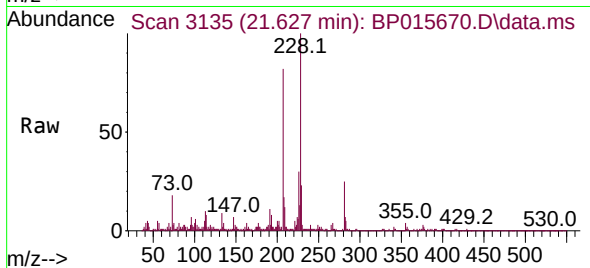
Tgt Ion:	228	Resp:	162604
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.9	35.9
229	22.6	15.1	22.7

Manual Integrations

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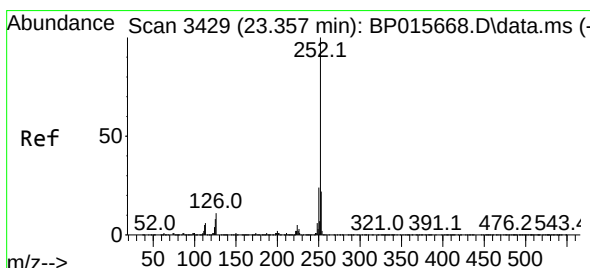
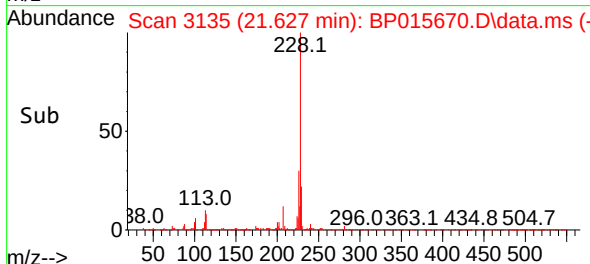
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#90

Benzo(b)fluoranthene

Concen: 5.529 ng/ul

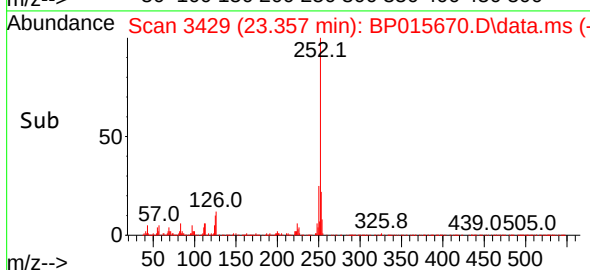
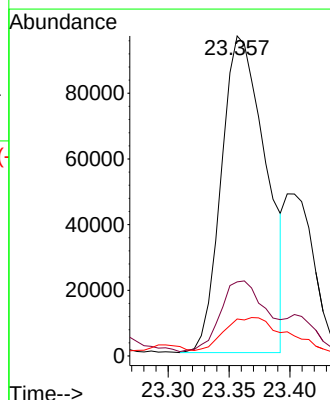
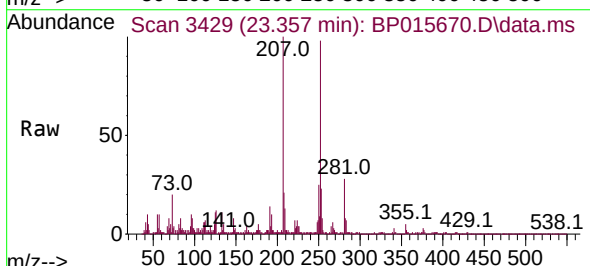
RT: 23.357 min Scan# 3429

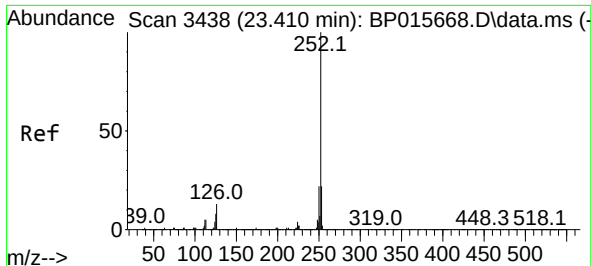
Delta R.T. 0.012 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Tgt Ion:	252	Resp:	244799
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	11.5	7.3	10.9





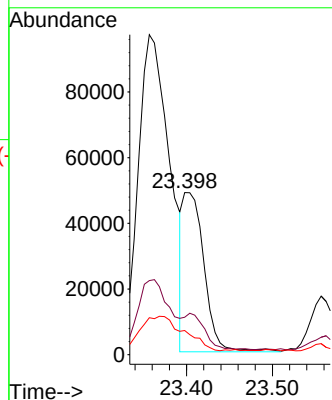
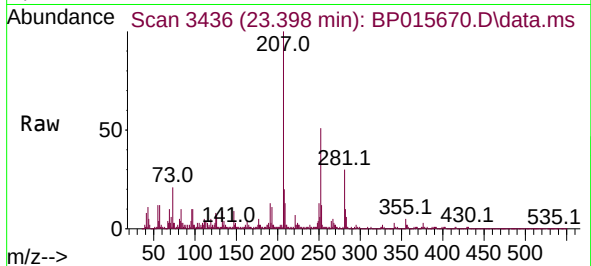
#91
Benzo(k)fluoranthene
Concen: 1.942 ng/ul m
RT: 23.398 min Scan# 3438
Delta R.T. 0.000 min
Lab File: BP015670.D
Acq: 23 Jun 2023 14:23

Instrument :
BNA_P
ClientSampleId :
DCFN6

Tgt Ion:252 Resp: 83112
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 14.9 7.3 10.9

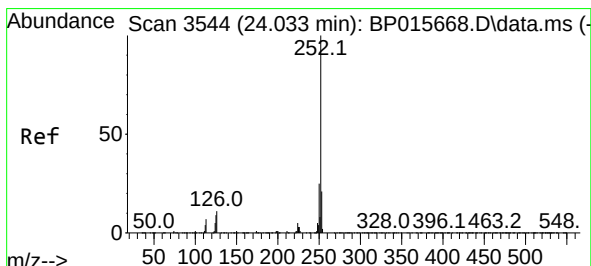
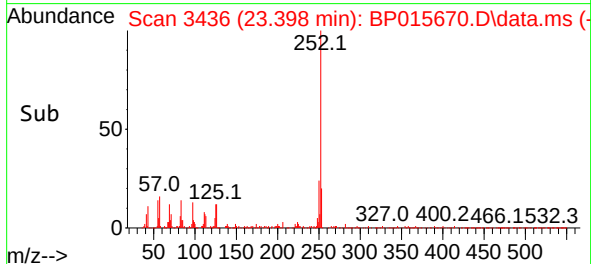
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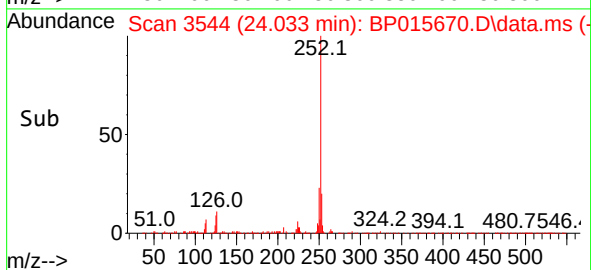
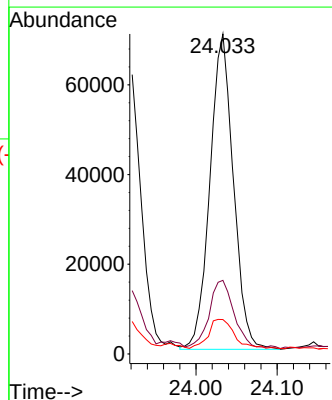
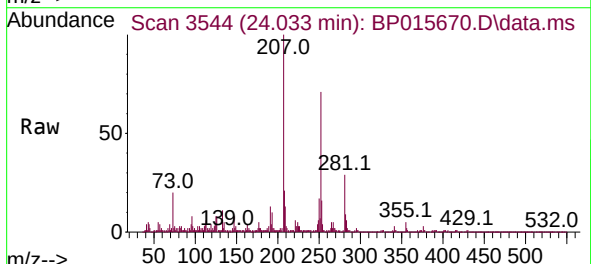
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ahmed

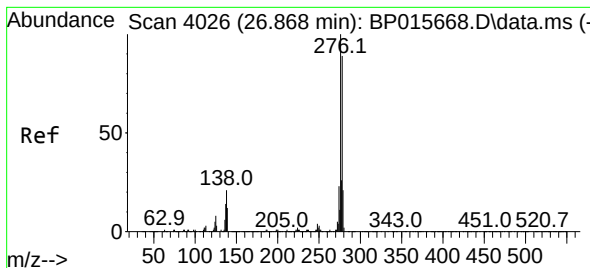
06/27/2023



#93
Benzo(a)pyrene
Concen: 3.657 ng/ul
RT: 24.033 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BP015670.D
Acq: 23 Jun 2023 14:23

Tgt Ion:252 Resp: 141159
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.7 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.416 ng/ul

RT: 26.856 min Scan# 4026

Delta R.T. 0.018 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Instrument :

BNA_P

ClientSampleId :

DCFN6

Tgt Ion:276 Resp: 12067

Ion Ratio Lower Upper

276 100

138 18.8 17.3 25.9

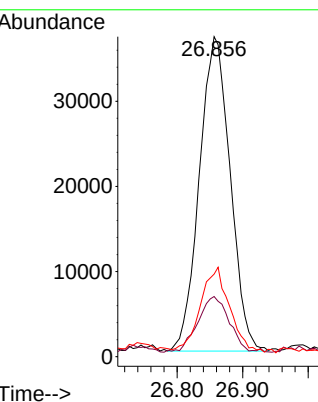
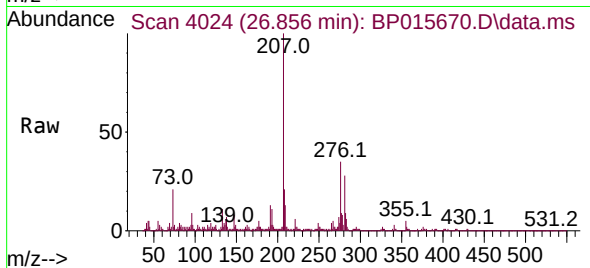
277 25.8 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

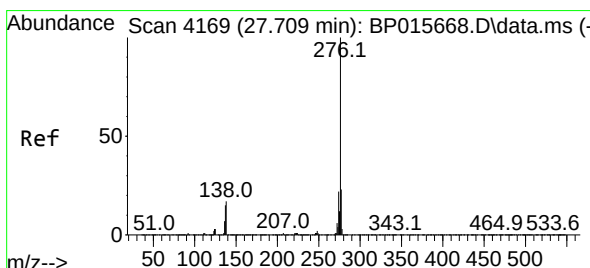
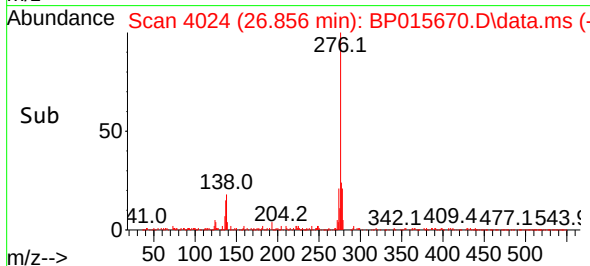
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06/26/2023

Supervised By :mohammad
ahmed

06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.805 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015670.D

Acq: 23 Jun 2023 14:23

Tgt Ion:276 Resp: 115490

Ion Ratio Lower Upper

276 100

138 17.0 15.6 23.4

277 24.1 19.0 28.6

