

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015723.D
 Acq On : 26 Jun 2023 20:09
 Operator : MA/JU
 Sample : 03084-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN0

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 02:50:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	144772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	595251	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	381198	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	827727	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	623232	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	595195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	7769	1.931	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	135936	10.974	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	94123	12.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	116287	12.436	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	58082	5.936	ng/u1	0.02
21) Nitrobenzene-d5	9.252	128	57395	12.617	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	65529	12.342	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	103194	10.907	ng/u1	0.03
31) 4-Chloroaniline-d4	11.081	131	40727m	3.351	ng/u1	0.04
46) Dimethylphthalate-d6	14.122	166	430123	14.598	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	474754	14.334	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	36774m	9.458	ng/u1	0.04
60) Fluorene-d10	15.710	176	375308	15.470	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	49140	9.653	ng/u1	0.00
73) Anthracene-d10	17.575	188	538244	14.236	ng/u1	0.00
81) Pyrene-d10	19.798	212	672521	16.526	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	482506	16.071	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	98402	2.188	ng/u1	98
80) Fluoranthene	19.474	202	319657	6.320	ng/u1	99
82) Pyrene	19.833	202	261270	5.064	ng/u1	99
85) Benzo(a)anthracene	21.551	228	152815	3.486	ng/u1#	94
87) Chrysene	21.604	228	180590	4.342	ng/u1#	94
90) Benzo(b)fluoranthene	23.333	252	251211	6.569	ng/u1#	91
91) Benzo(k)fluoranthene	23.380	252	76988m	1.992	ng/u1	
93) Benzo(a)pyrene	23.998	252	141415	4.232	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.815	276	117645	2.593	ng/u1	95
96) Benzo(g,h,i)perylene	27.651	276	107681	2.885	ng/u1	98

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

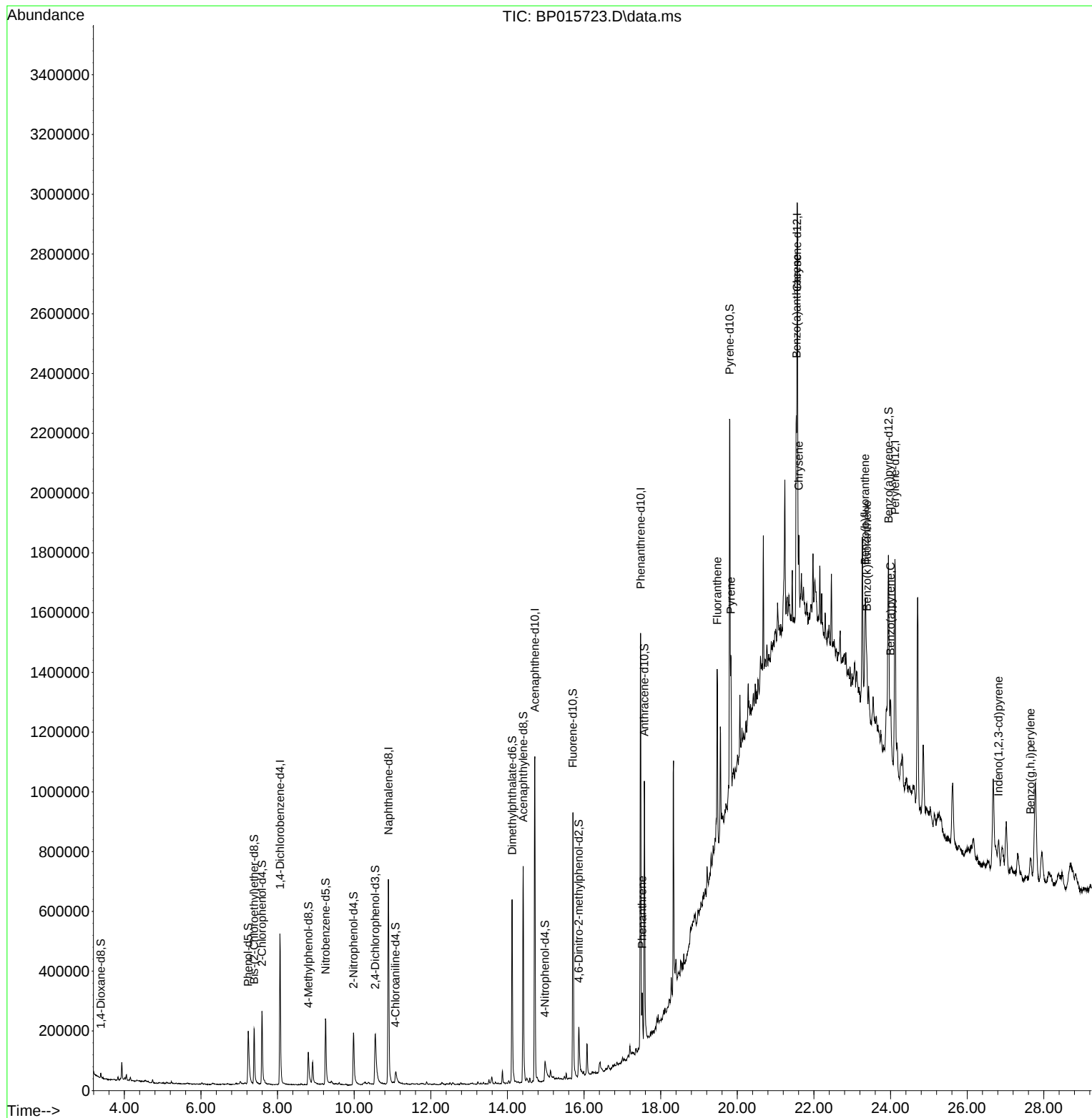
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015723.D
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ALS Vial : 13 Sample Multiplier: 1

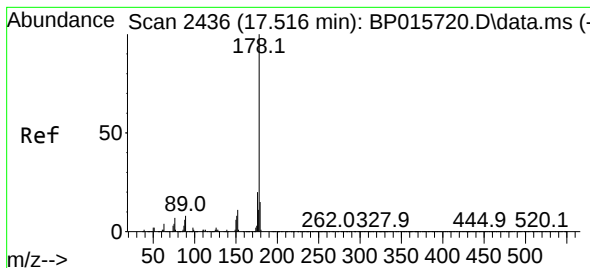
Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.188 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

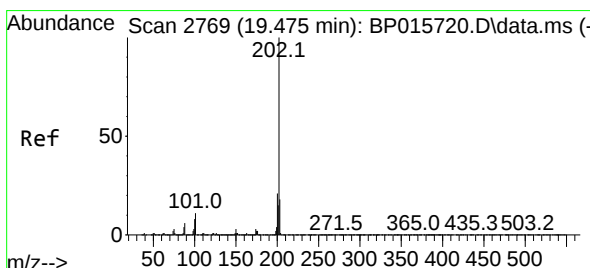
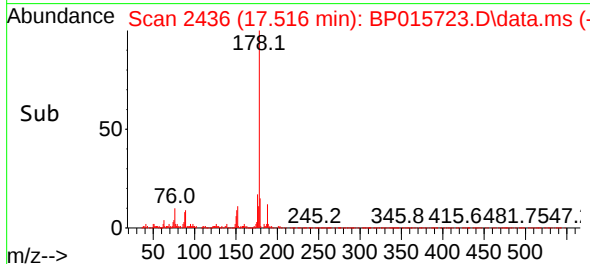
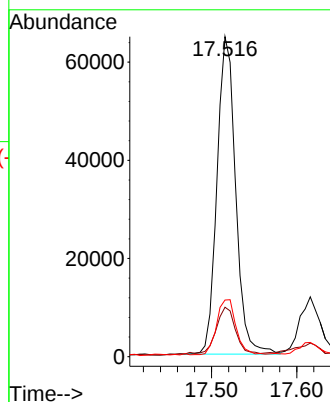
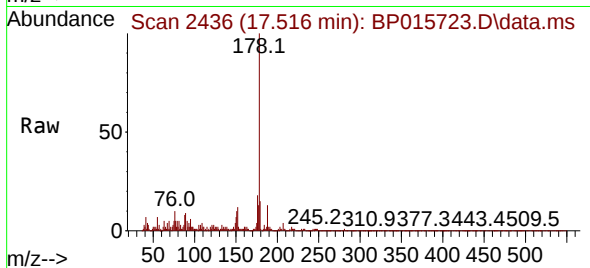
Tgt Ion:178	Resp:	9840
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.4 18.6
176	17.7	15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 6.320 ng/ul

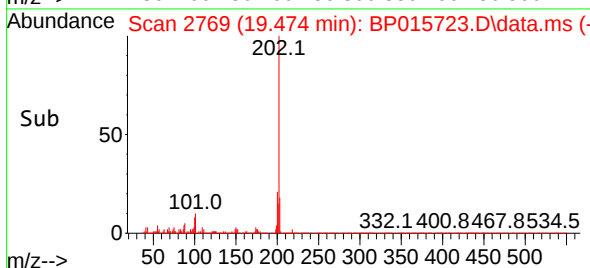
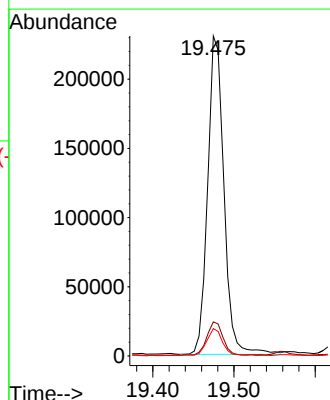
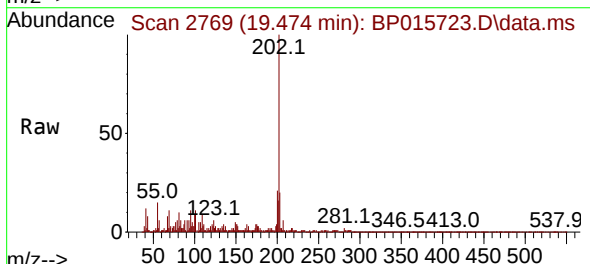
RT: 19.474 min Scan# 2769

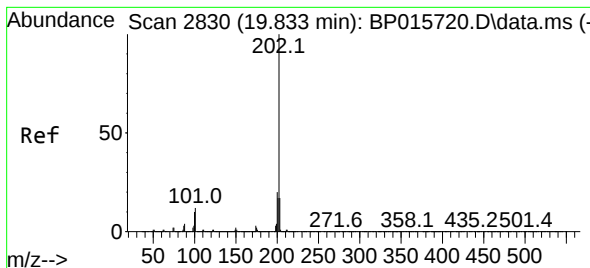
Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Tgt Ion:202	Resp:	319657
Ion Ratio	Lower	Upper
202	100	
101	10.7	8.3 12.5
100	8.5	6.6 9.8





#82

Pyrene

Concen: 5.064 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

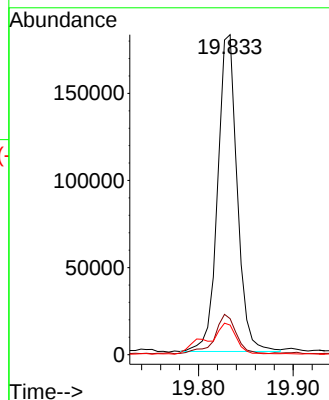
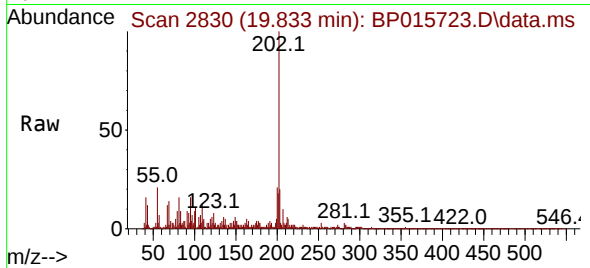
DCFN0

Tgt Ion:	202	Resp:	261270
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.3	13.9
100	9.3	7.6	11.4

Manual Integrations

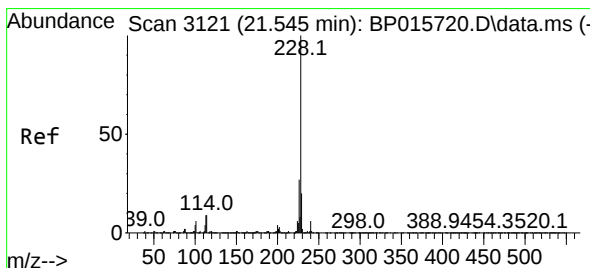
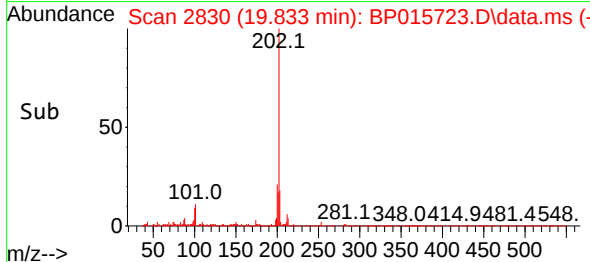
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Patel



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Supervised By :mohammad
ahmed

06/27/2023



#85

Benzo(a)anthracene

Concen: 3.486 ng/ul

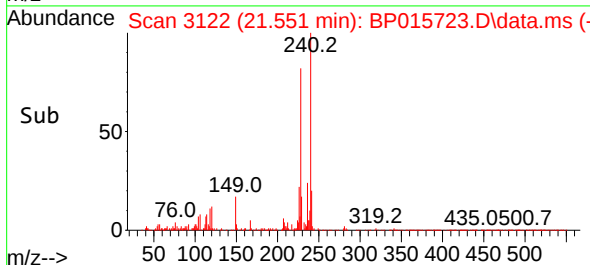
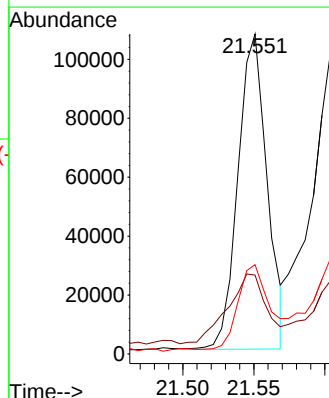
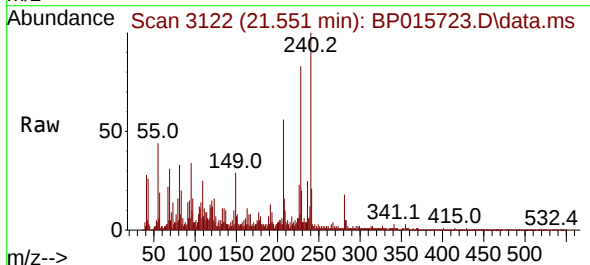
RT: 21.551 min Scan# 3122

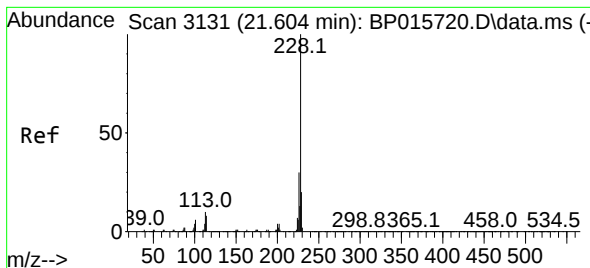
Delta R.T. 0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Tgt Ion:	228	Resp:	152815
Ion Ratio	Lower	Upper	
228	100		
229	24.7	15.3	22.9#
226	27.9	21.4	32.0





#87

Chrysene

Concen: 4.342 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

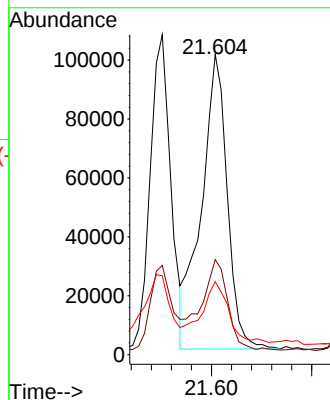
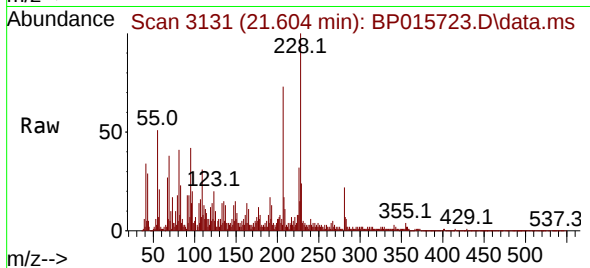
ClientSampleId :

DCFN0

Tgt Ion:	228	Resp:	180590
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.3	36.5
229	24.3	15.5	23.3

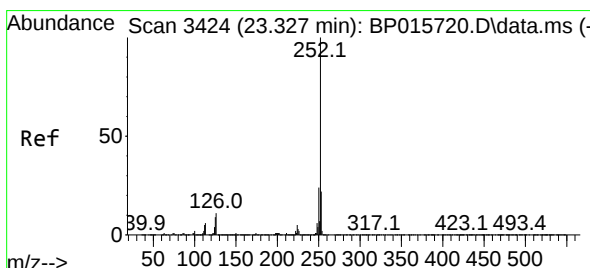
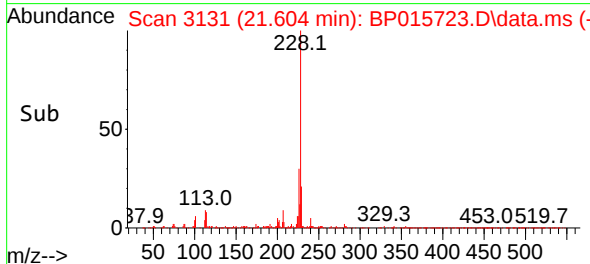
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ahmed

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#90

Benzo(b)fluoranthene

Concen: 6.569 ng/ul

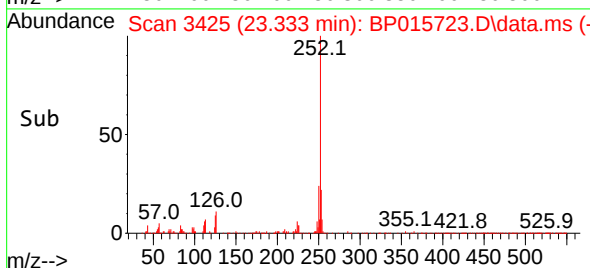
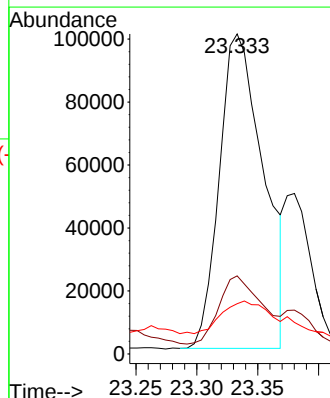
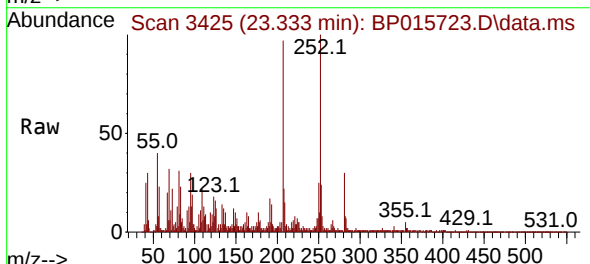
RT: 23.333 min Scan# 3425

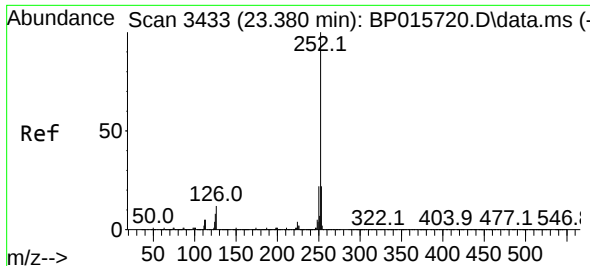
Delta R.T. 0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Tgt Ion:	252	Resp:	251211
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.3	25.9
125	15.7	7.5	11.3





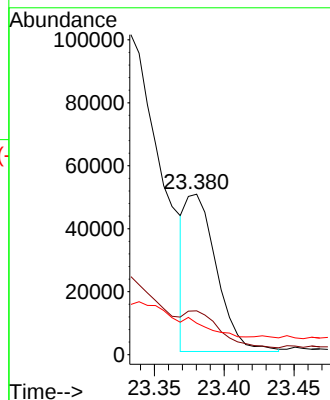
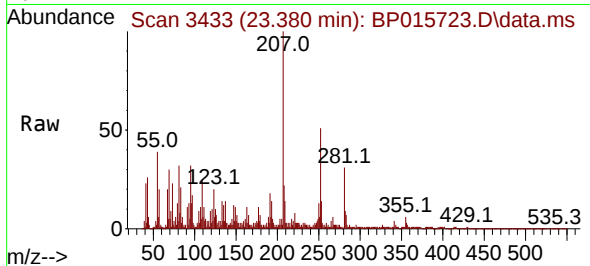
#91
Benzo(k)fluoranthene
Concen: 1.992 ng/ul m
RT: 23.380 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BP015723.D
Acq: 26 Jun 2023 20:09

Instrument :
BNA_P
ClientSampleId :
DCFN0

Tgt Ion:252 Resp: 76988
Ion Ratio Lower Upper
252 100
253 27.3 17.0 25.4
125 19.7 7.3 10.9

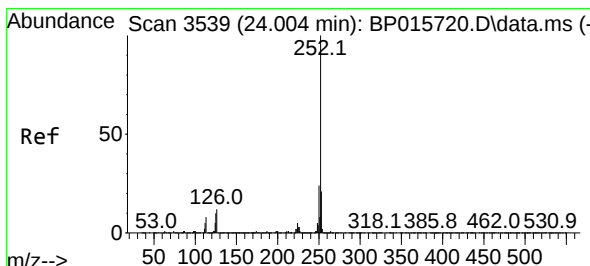
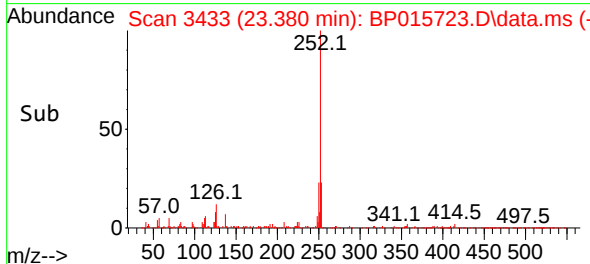
Manual Integrations
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Reviewed By :Yogesh
Patel



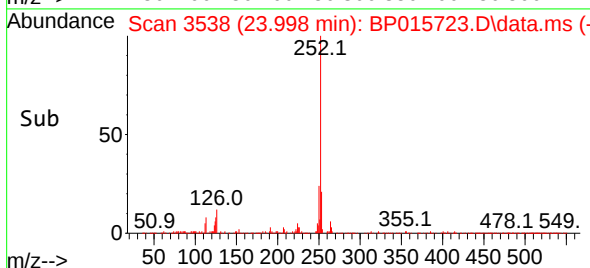
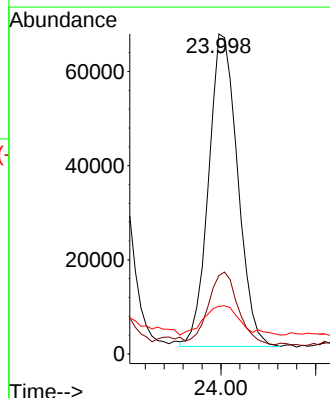
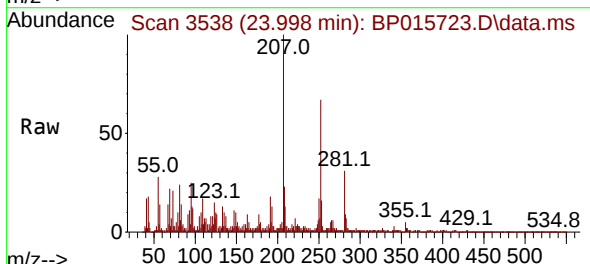
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Supervised By :mohammad
ahmed

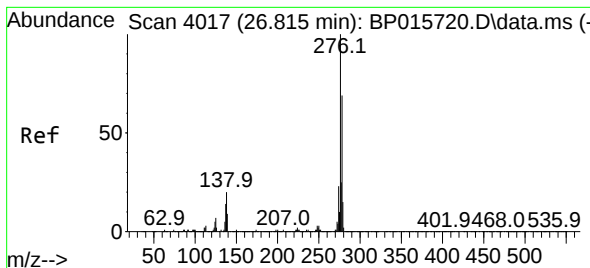
06/27/2023



#93
Benzo(a)pyrene
Concen: 4.232 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015723.D
Acq: 26 Jun 2023 20:09

Tgt Ion:252 Resp: 141415
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 14.9 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.593 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNP_P

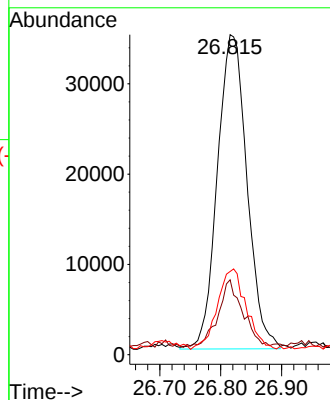
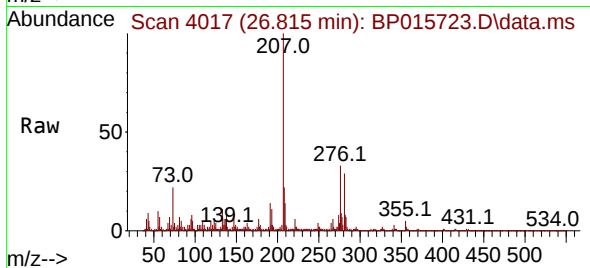
ClientSampleId :

DCFN0

Tgt Ion:	276	Resp:	11764
Ion Ratio	Lower	Upper	
276	100		
138	23.4	15.7	23.5
277	26.0	19.6	29.4

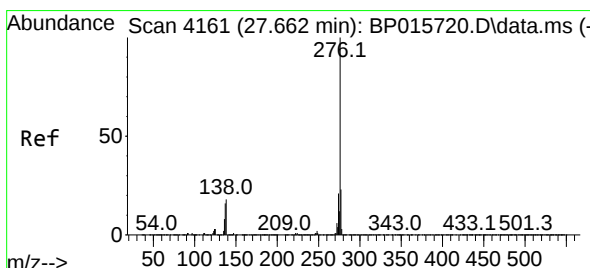
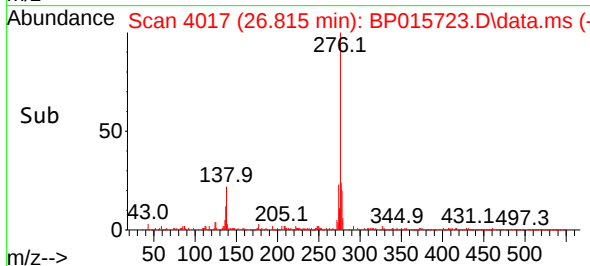
Manual Integrations
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Patel



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ahmed

06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.885 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Tgt Ion:	276	Resp:	107681
Ion Ratio	Lower	Upper	
276	100		
138	18.6	15.1	22.7
277	22.3	18.8	28.2

