

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015671.D
 Acq On : 23 Jun 2023 14:56
 Operator : MA/JU
 Sample : 03084-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ7

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 23:01:06 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	117853	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	466401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	252573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	461499	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	447405	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	561979	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8552	2.687	ng/uL	0.00
4) Pyridine-d5	3.852	84	65095	7.874	ng/u1	0.01
7) Phenol-d5	7.246	99	135651	12.494	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	93514	14.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	118664	15.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	72445	8.130	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	55535	15.166	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	65431	15.647	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	97725	12.811	ng/u1	0.02
31) 4-Chloroaniline-d4	11.081	131	57555	5.257	ng/u1	0.03
46) Dimethylphthalate-d6	14.134	166	326245	16.380	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	364656	16.744	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	25087m	7.034	ng/u1	0.04
60) Fluorene-d10	15.728	176	251675	14.985	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	25935	8.871	ng/u1	0.01
73) Anthracene-d10	17.592	188	343352	16.352	ng/u1	0.00
81) Pyrene-d10	19.822	212	416315	17.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	472619	16.761	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.457	152	36082	1.496	ng/u1	95
72) Phenanthrene	17.533	178	88221	3.562	ng/u1	98
74) Anthracene	17.633	178	30591	1.217	ng/u1	98
80) Fluoranthene	19.498	202	284430	9.751	ng/u1	98
82) Pyrene	19.851	202	255108	8.454	ng/u1	97
85) Benzo(a)anthracene	21.569	228	170917	5.465	ng/u1	97
87) Chrysene	21.621	228	180526m	6.106	ng/u1	
90) Benzo(b)fluoranthene	23.357	252	313092	8.631	ng/u1#	97
91) Benzo(k)fluoranthene	23.404	252	94101m	2.684	ng/u1	
93) Benzo(a)pyrene	24.027	252	186212	5.888	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.851	276	161191	3.938	ng/u1	96
95) Dibenzo(a,h)anthracene	26.856	278	45247m	1.357	ng/u1	
96) Benzo(g,h,i)perylene	27.698	276	144729	4.291	ng/u1	99

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

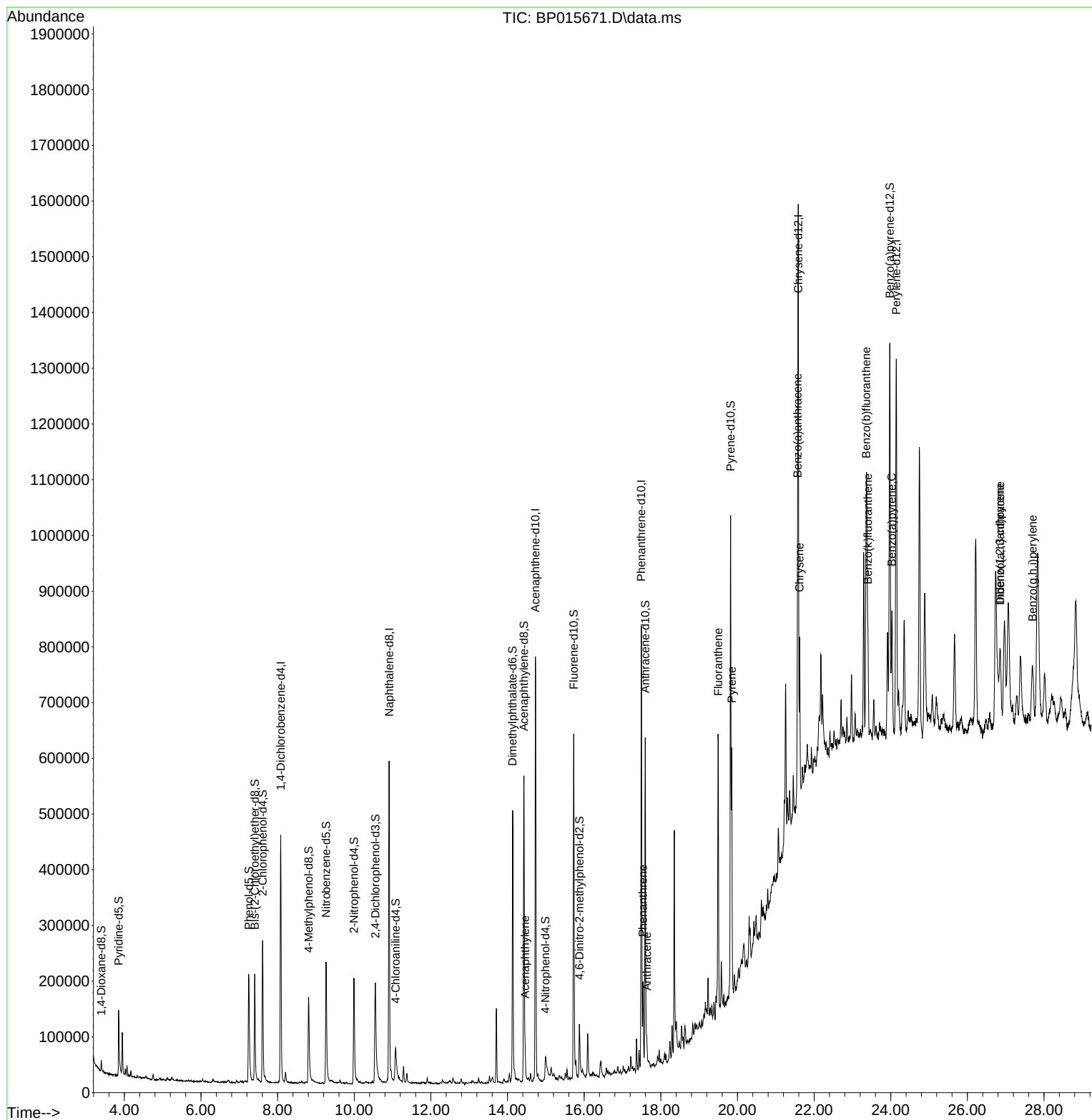
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Data File : BP015671.D
Acq On : 23 Jun 2023 14:56
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

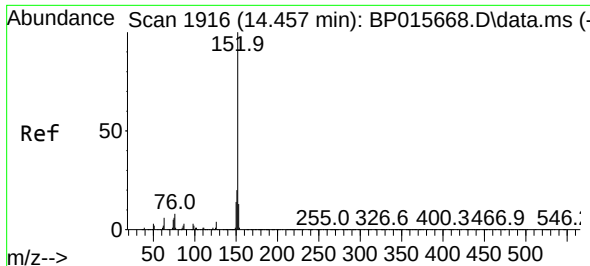
Instrument :
BNA_P
ClientSampleId :
DCFQ7

Quant Time: Jun 23 23:01:06 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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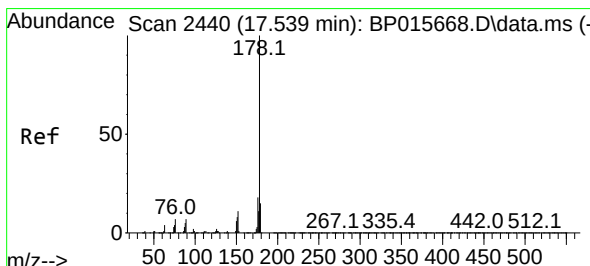
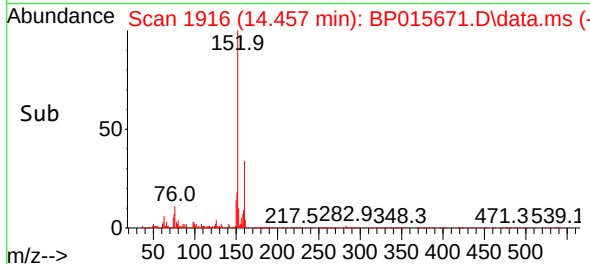
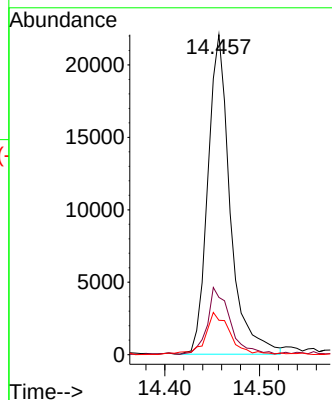
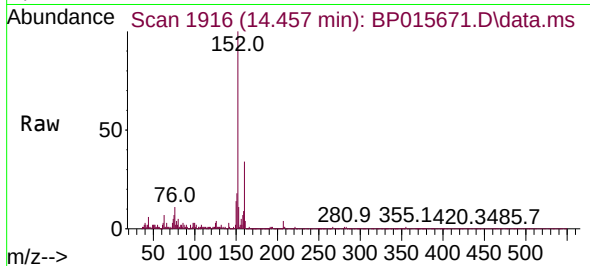
#50
Acenaphthylene
Concen: 1.496 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015671.D
Acq: 23 Jun 2023 14:56

Instrument :
BNA_P
ClientSampleId :
DCFQ7

Tgt Ion:152 Resp: 3608
Ion Ratio Lower Upper
152 100
151 17.9 16.0 24.0
153 10.8 10.6 15.8

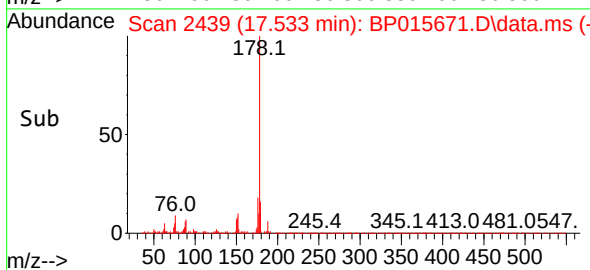
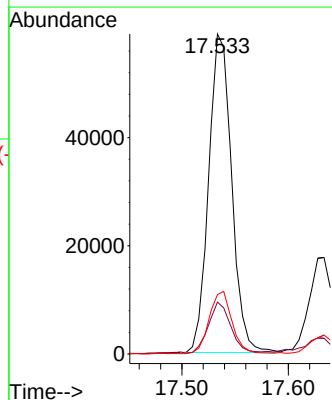
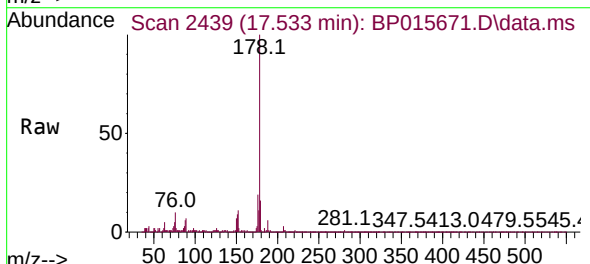
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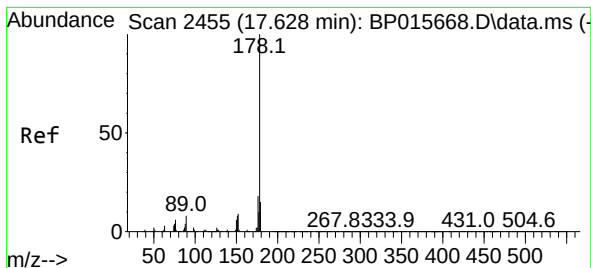
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Phenanthrene
Concen: 3.562 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015671.D
Acq: 23 Jun 2023 14:56

Tgt Ion:178 Resp: 88221
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 18.5 15.4 23.0





#74

Anthracene

Concen: 1.217 ng/ul

RT: 17.633 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA_P

ClientSampleId :

DCFQ7

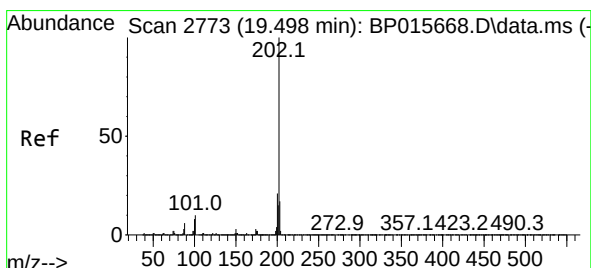
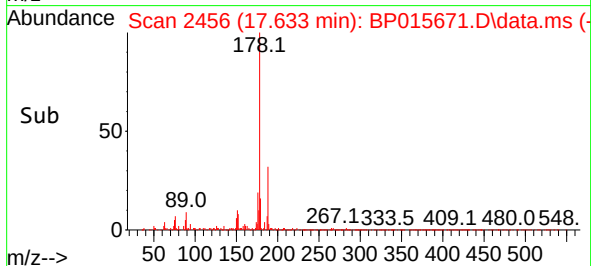
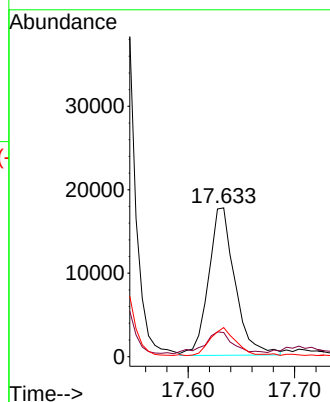
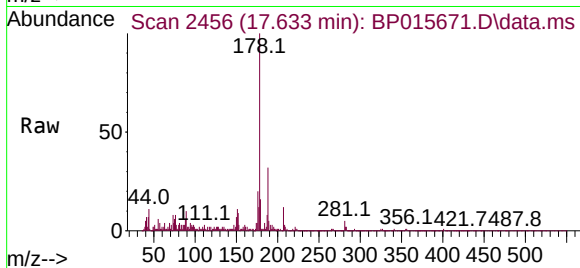
Tgt Ion:178	Resp:	3059
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.4 18.6
176	19.5	15.0 22.4

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#80

Fluoranthene

Concen: 9.751 ng/ul

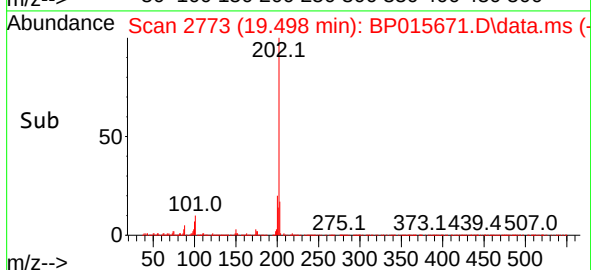
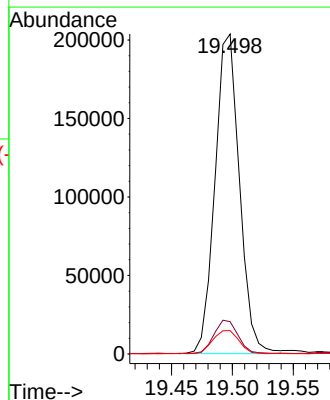
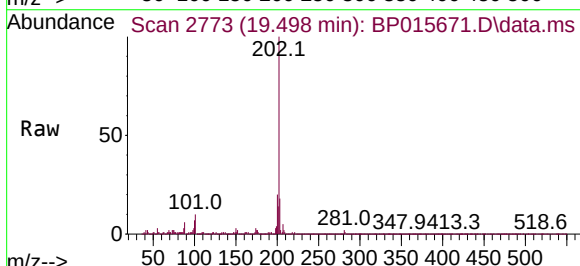
RT: 19.498 min Scan# 2773

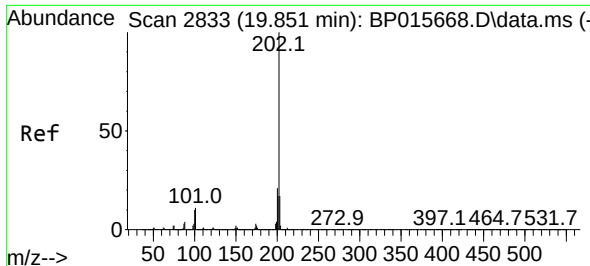
Delta R.T. 0.006 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

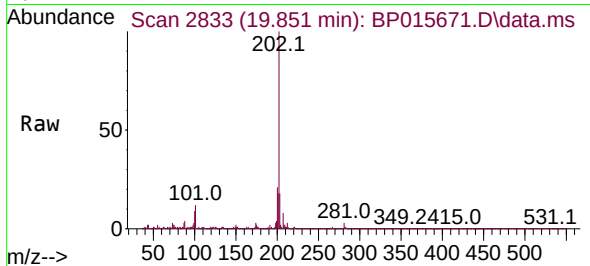
Tgt Ion:202	Resp:	284430
Ion Ratio	Lower	Upper
202	100	
101	10.1	8.6 13.0
100	7.3	6.6 9.8





#82
 Pyrene
 Concen: 8.454 ng/ul
 RT: 19.851 min Scan# 2833
 Delta R.T. 0.006 min
 Lab File: BP015671.D
 Acq: 23 Jun 2023 14:56

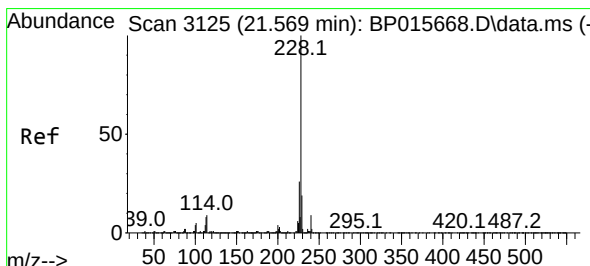
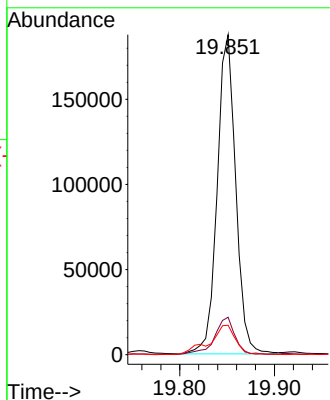
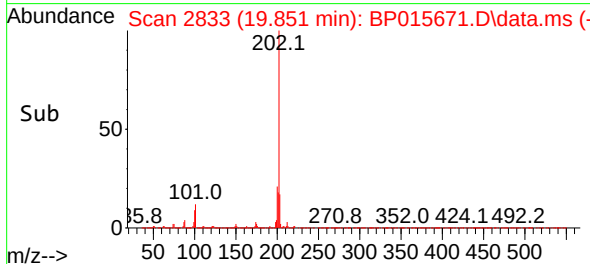
Instrument :
 BNA_P
 ClientSampleId :
 DCFQ7



Tgt Ion:202 Resp: 255108
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.9 14.9
 100 9.2 8.4 12.6

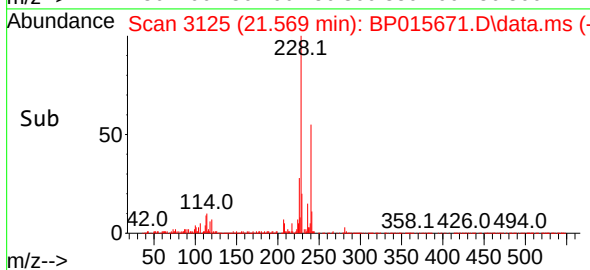
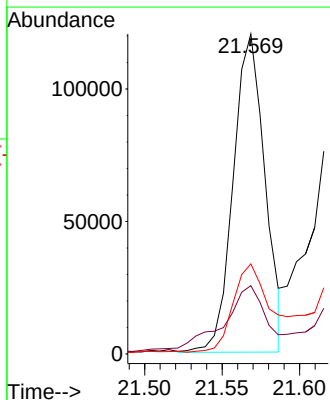
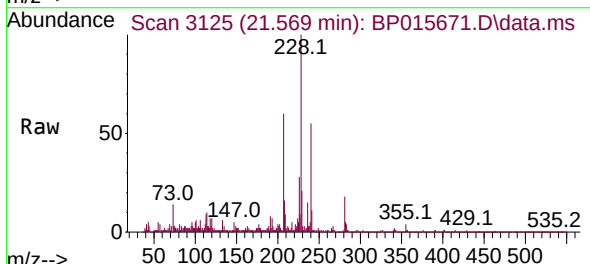
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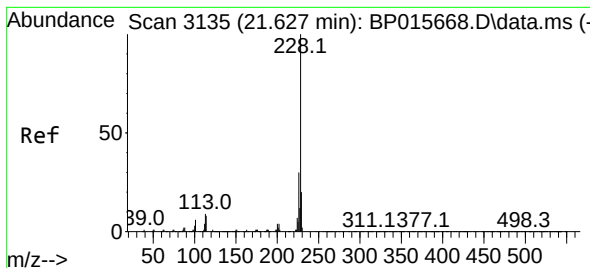
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#85
 Benzo(a)anthracene
 Concen: 5.465 ng/ul
 RT: 21.569 min Scan# 3125
 Delta R.T. 0.006 min
 Lab File: BP015671.D
 Acq: 23 Jun 2023 14:56

Tgt Ion:228 Resp: 170917
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.8 23.6
 226 28.1 21.8 32.6





#87

Chrysene

Concen: 6.106 ng/ul m

RT: 21.621 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA_P

ClientSampleId :

DCFQ7

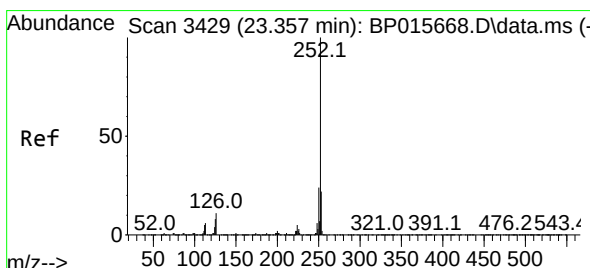
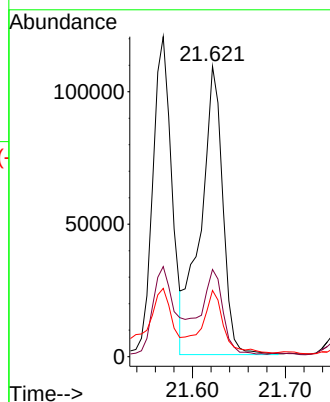
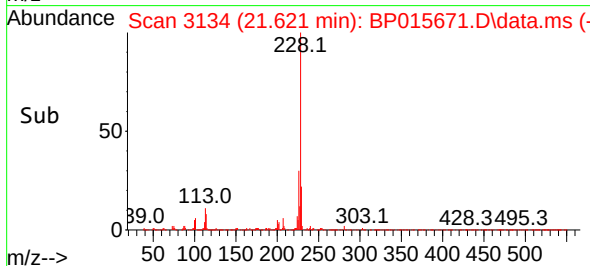
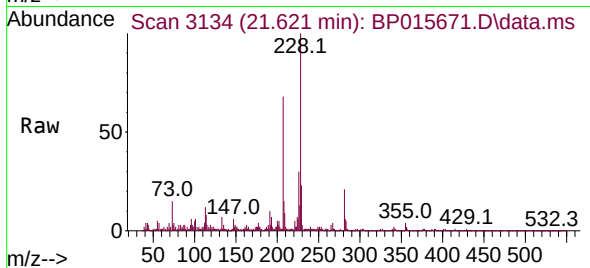
Tgt Ion:	228	Resp:	180520
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.9	35.9
229	22.8	15.1	22.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(b)fluoranthene

Concen: 8.631 ng/ul

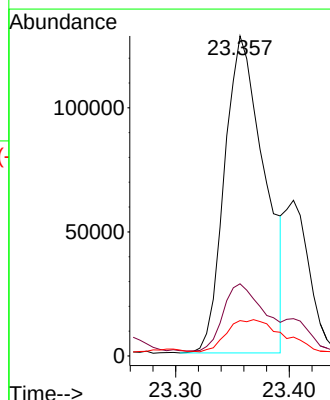
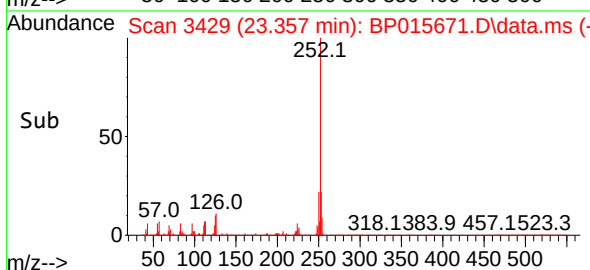
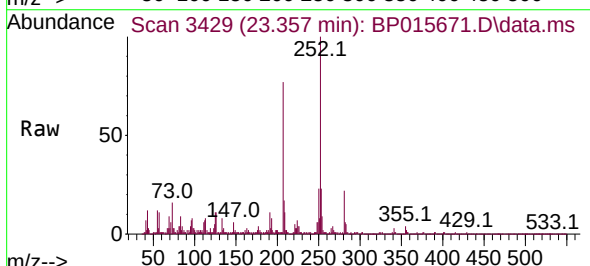
RT: 23.357 min Scan# 3429

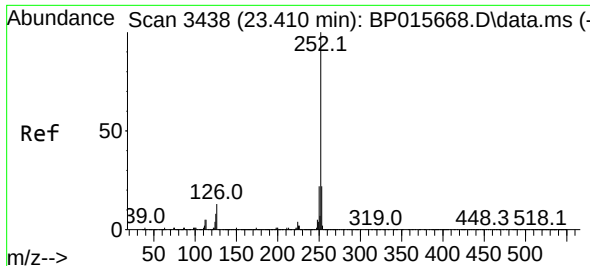
Delta R.T. 0.012 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Tgt Ion:	252	Resp:	313092
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	11.0	7.3	10.9





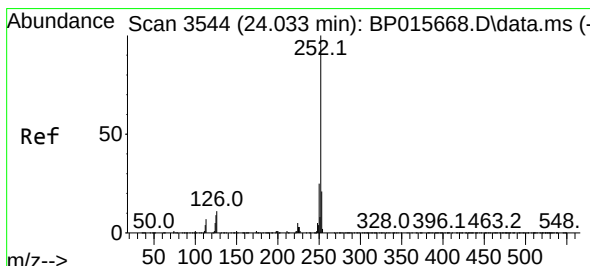
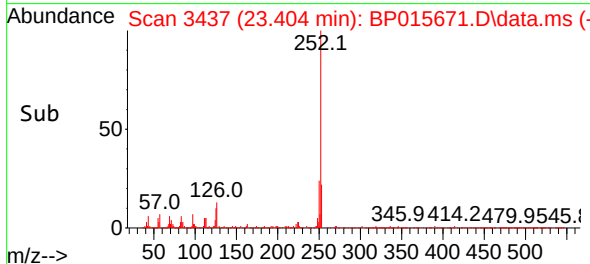
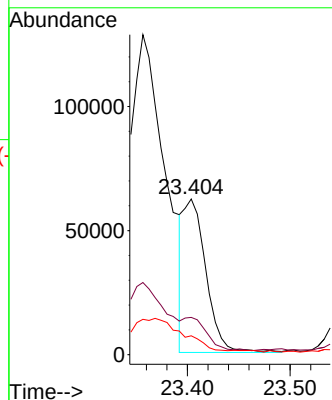
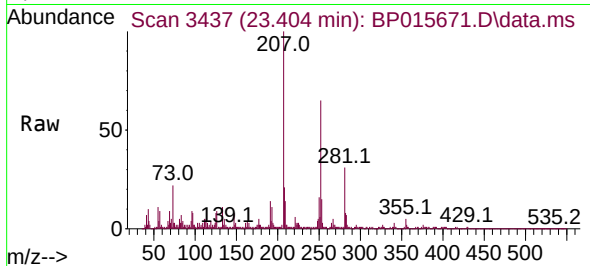
#91
Benzo(k)fluoranthene
Concen: 2.684 ng/ul m
RT: 23.404 min Scan# 3438
Delta R.T. 0.006 min
Lab File: BP015671.D
Acq: 23 Jun 2023 14:56

Instrument :
BNA_P
ClientSampleId :
DCFQ7

Tgt Ion:252 Resp: 9410
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 12.2 7.3 10.9

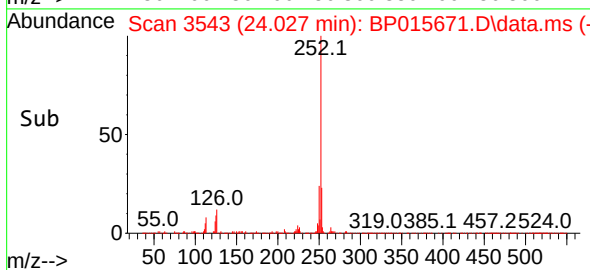
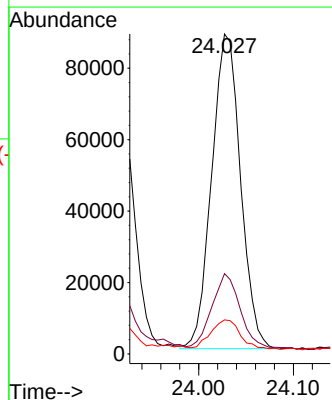
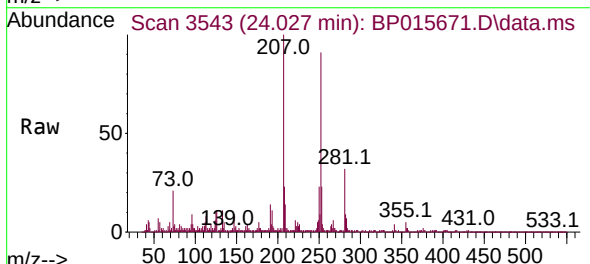
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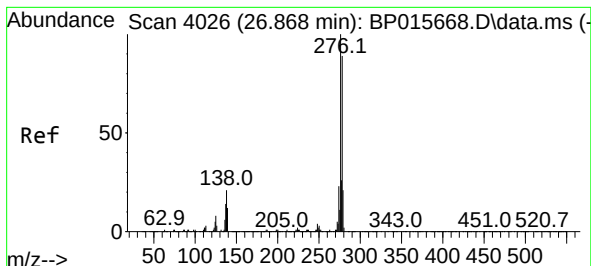
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 5.888 ng/ul
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP015671.D
Acq: 23 Jun 2023 14:56

Tgt Ion:252 Resp: 186212
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 10.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.938 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.012 min

Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Instrument :

BNA_P

ClientSampleId :

DCFQ7

Tgt Ion:276 Resp: 16119

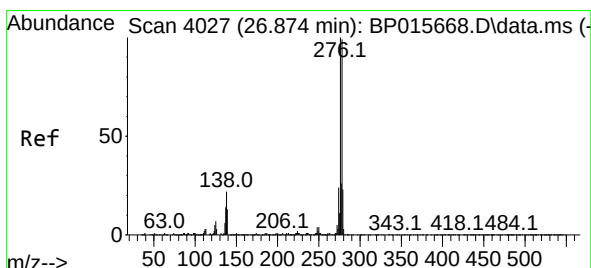
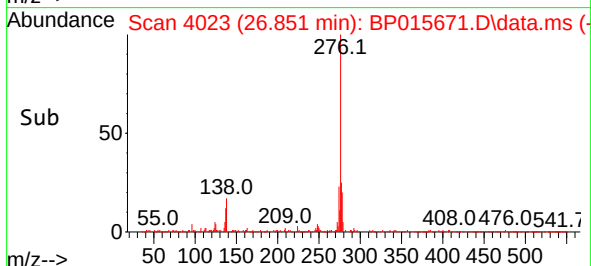
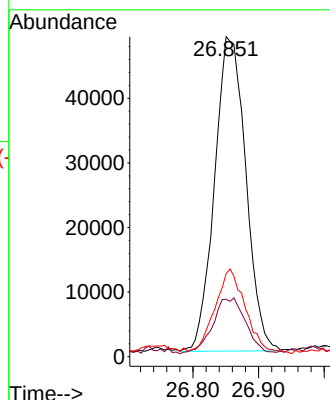
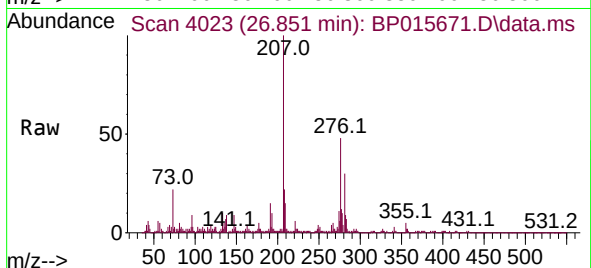
Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.3	25.9
277	26.0	20.2	30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.357 ng/ul m

RT: 26.856 min Scan# 4024

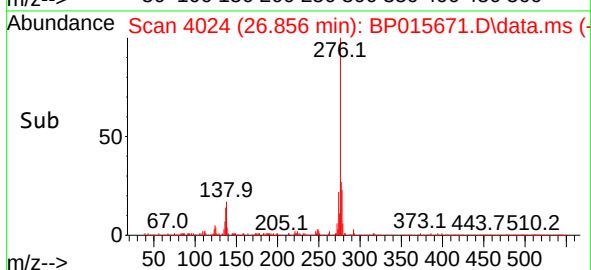
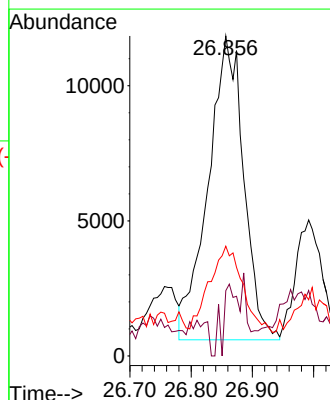
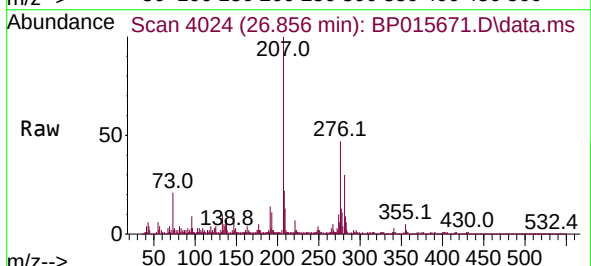
Delta R.T. 0.006 min

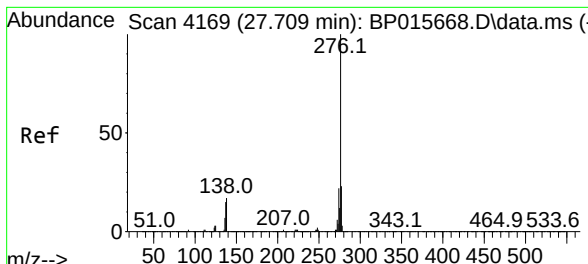
Lab File: BP015671.D

Acq: 23 Jun 2023 14:56

Tgt Ion:278 Resp: 45247

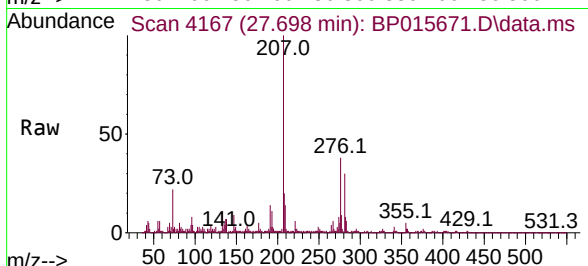
Ion	Ratio	Lower	Upper
278	100		
139	20.4	11.4	17.0#
279	34.3	18.7	28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 4.291 ng/ul
 RT: 27.698 min Scan# 4167
 Delta R.T. 0.018 min
 Lab File: BP015671.D
 Acq: 23 Jun 2023 14:56

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ7



Tgt Ion: 276 Resp: 144729

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.6	23.4
277	24.5	19.0	28.6

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