

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015704.D
 Acq On : 24 Jun 2023 12:20
 Operator : MA/JU
 Sample : 03085-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ0

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:18:50 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	8.075	152	153411	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	594778	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	334084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	668262	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	646323	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	783332	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13002	3.138	ng/uL	0.00
4) Pyridine-d5	3.846	84	111111	10.325	ng/u1	0.00
7) Phenol-d5	7.246	99	219659	15.542	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	150631	17.846	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	185923	18.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	159837	13.780	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	88121	18.871	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	97751	18.331	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	160281	16.477	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	109942	7.874	ng/u1	0.02
46) Dimethylphthalate-d6	14.133	166	537715	20.411	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	601505	20.881	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	60531m	12.831	ng/u1	0.04
60) Fluorene-d10	15.722	176	436669	19.656	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	56746	13.404	ng/u1	0.01
73) Anthracene-d10	17.586	188	639364	21.028	ng/u1	0.00
81) Pyrene-d10	19.816	212	767060	22.174	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	849448	21.612	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	37991	1.179	ng/u1	97
50) Acenaphthylene	14.451	152	63325	1.985	ng/u1	99
72) Phenanthrene	17.527	178	125686	3.505	ng/u1	97
74) Anthracene	17.627	178	80640	2.216	ng/u1	97
80) Fluoranthene	19.492	202	336338	7.982	ng/u1	99
82) Pyrene	19.845	202	300092	6.884	ng/u1	99
85) Benzo(a)anthracene	21.563	228	300616	6.653	ng/u1	97
87) Chrysene	21.615	228	405159	9.487	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	917021	18.136	ng/u1	98
91) Benzo(k)fluoranthene	23.398	252	251999m	5.156	ng/u1	
93) Benzo(a)pyrene	24.027	252	533029	12.091	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.850	276	484036	8.484	ng/u1	100
95) Dibenzo(a,h)anthracene	26.850	278	137043	2.948	ng/u1#	90
96) Benzo(g,h,i)perylene	27.692	276	461186	9.809	ng/u1	98

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

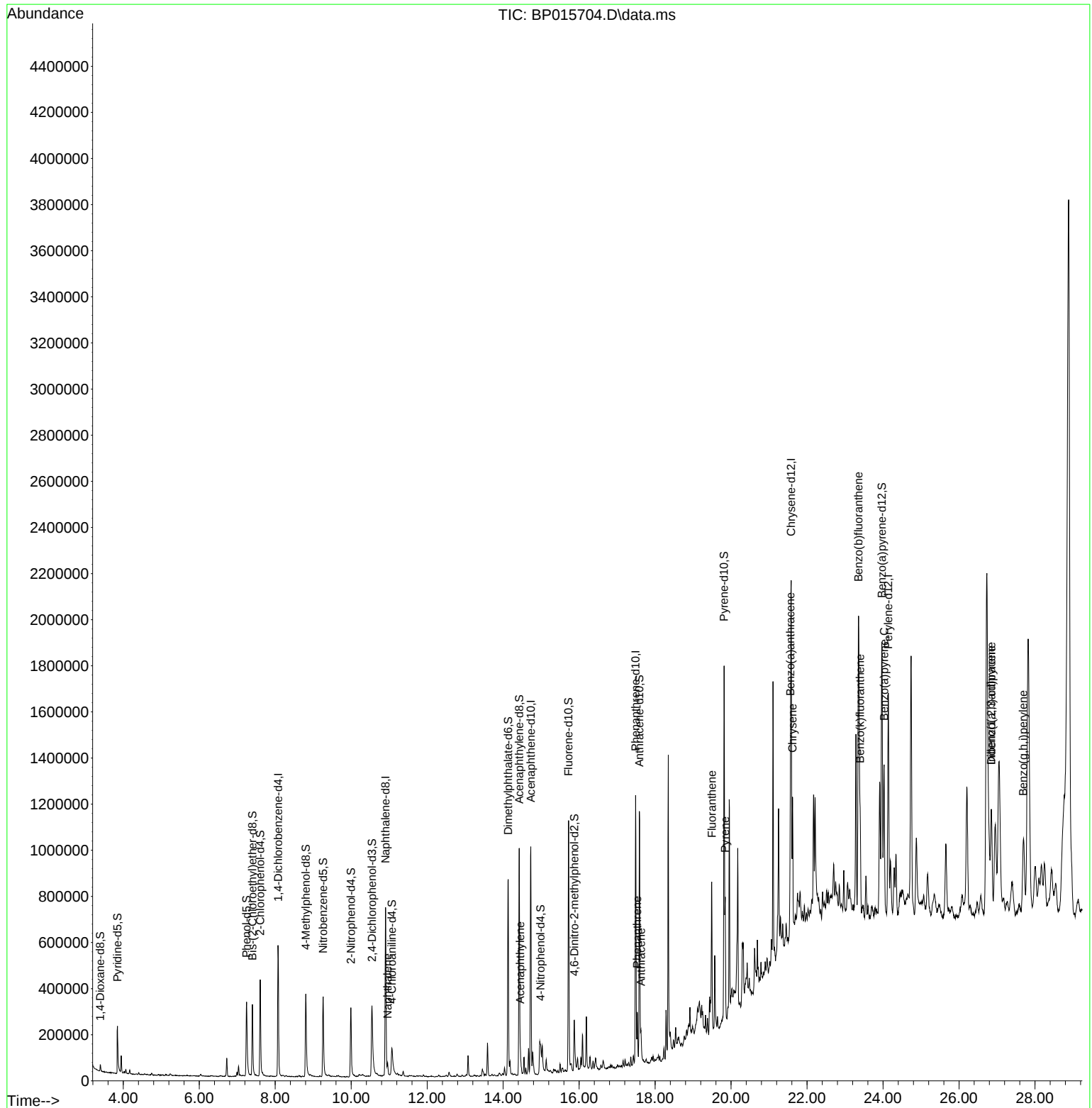
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015704.D
Acq On : 24 Jun 2023 12:20
Operator : MA/JU
Sample : 03085-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

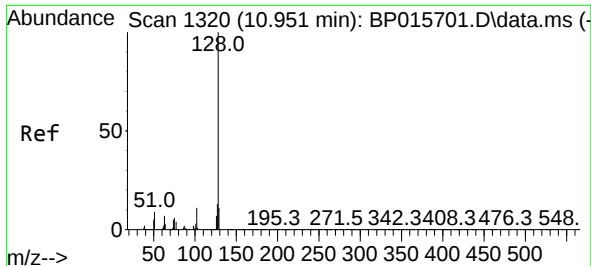
Instrument :
BNA_P
ClientSampleId :
DCFQ0

Quant Time: Jun 24 23:18:50 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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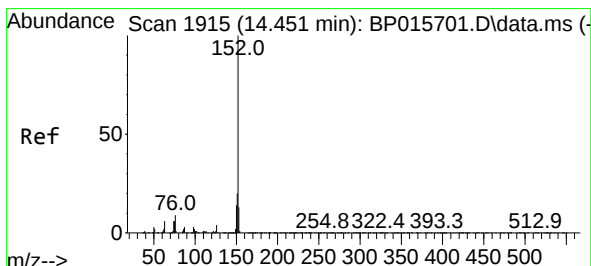
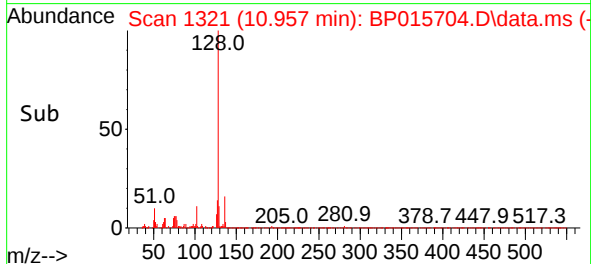
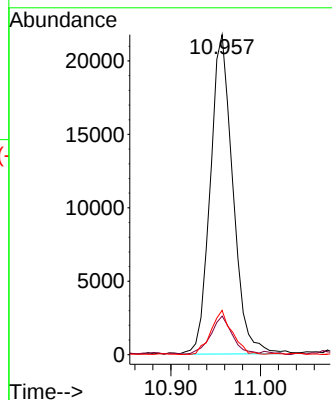
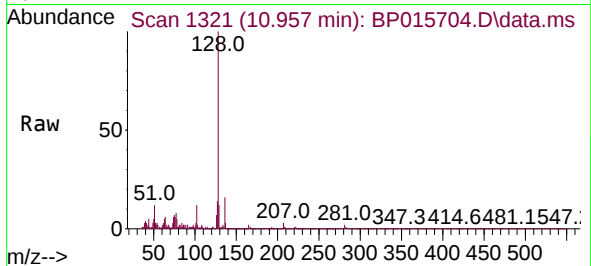
#30
Naphthalene
Concen: 1.179 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Tgt Ion:128 Resp: 3799
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.9 10.5 15.7

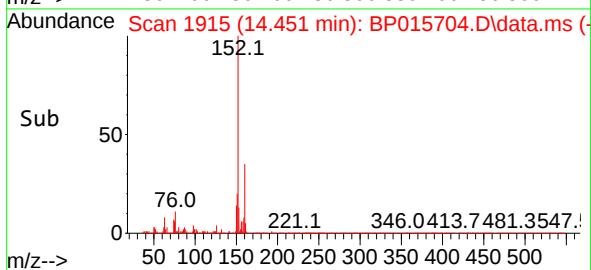
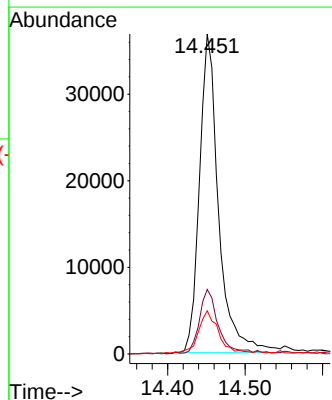
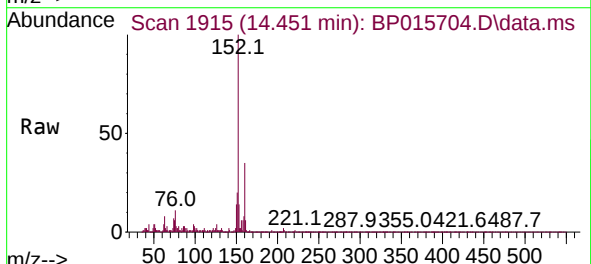
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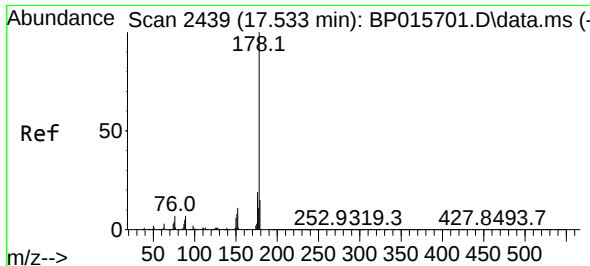
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#50
Acenaphthylene
Concen: 1.985 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

Tgt Ion:152 Resp: 63325
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.5 10.6 15.8





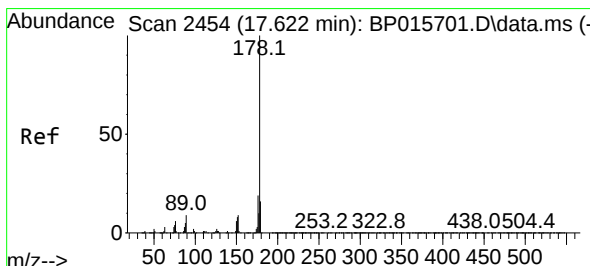
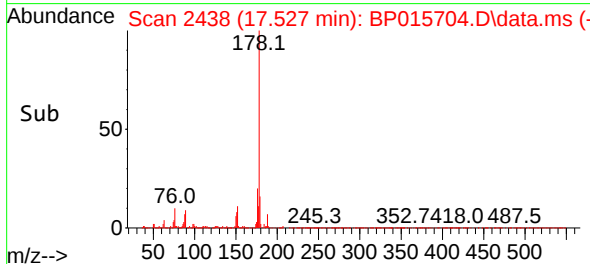
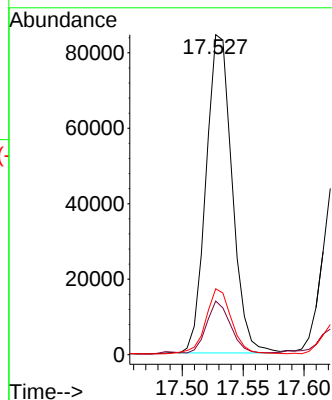
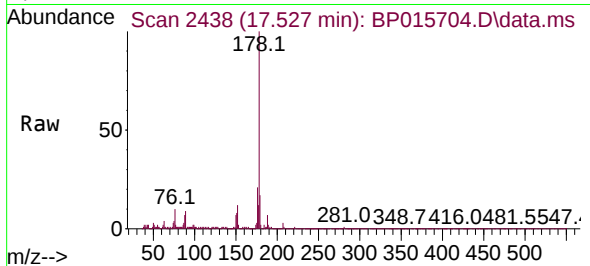
#72
Phenanthrene
Concen: 3.505 ng/u1
RT: 17.527 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

Instrument :
BNA_P
ClientSampleId :
DCFQ0

Tgt Ion:178 Resp: 125680
Ion Ratio Lower Upper
178 100
179 16.7 12.3 18.5
176 20.6 15.4 23.0

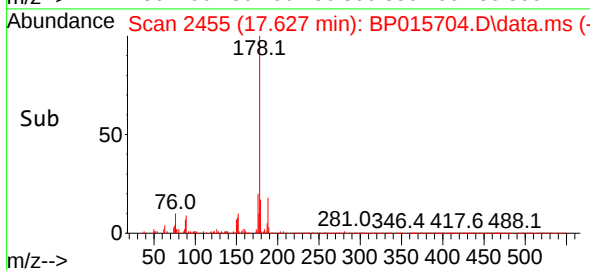
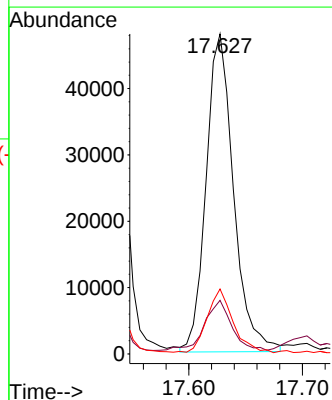
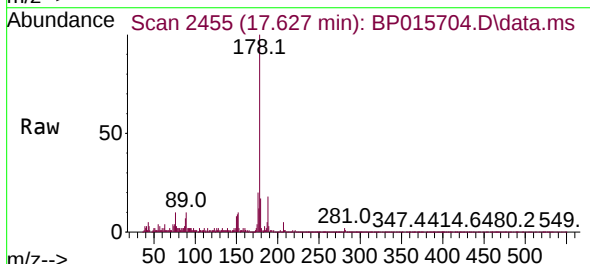
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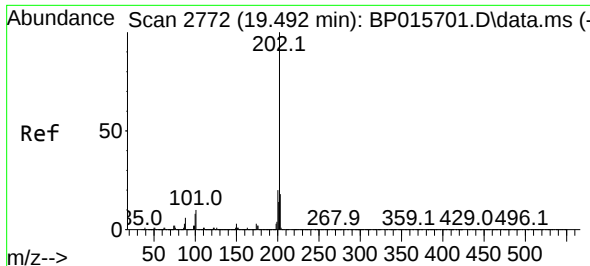
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#74
Anthracene
Concen: 2.216 ng/u1
RT: 17.627 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

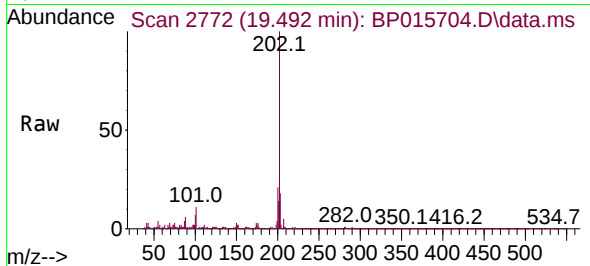
Tgt Ion:178 Resp: 80640
Ion Ratio Lower Upper
178 100
179 16.8 12.4 18.6
176 20.3 15.0 22.4





#80
Fluoranthene
Concen: 7.982 ng/u1
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

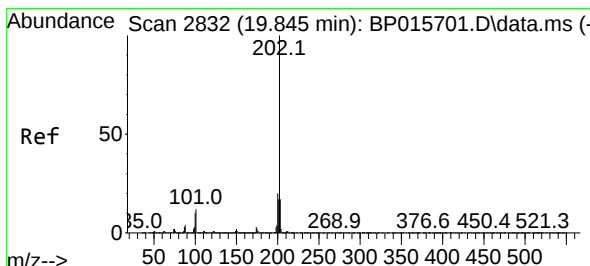
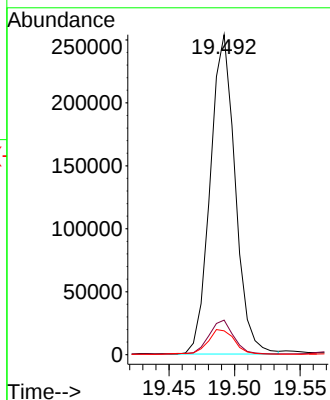
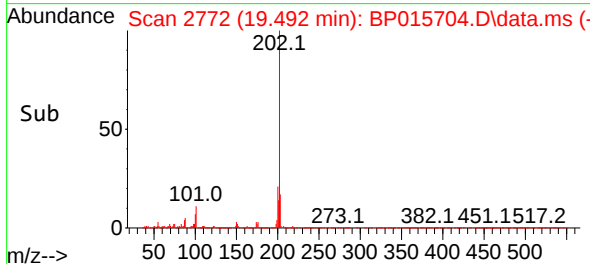
Instrument :
BNA_P
ClientSampleId :
DCFQ0



Tgt Ion:202 Resp: 336338
Ion Ratio Lower Upper
202 100
101 10.8 8.6 13.0
100 7.5 6.6 9.8

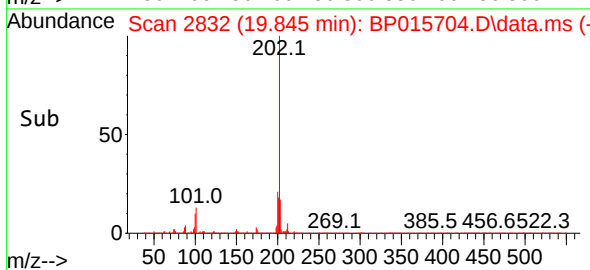
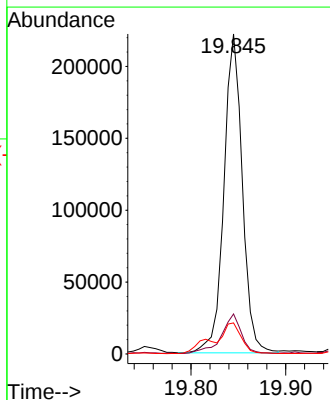
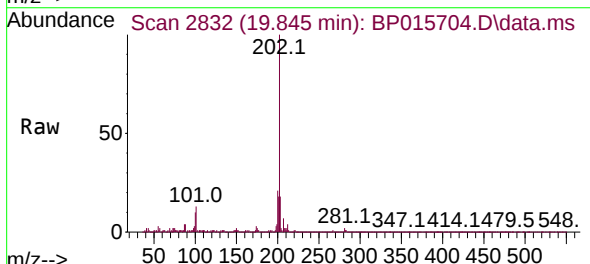
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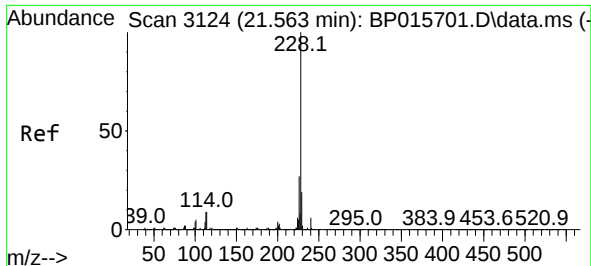
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 6.884 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

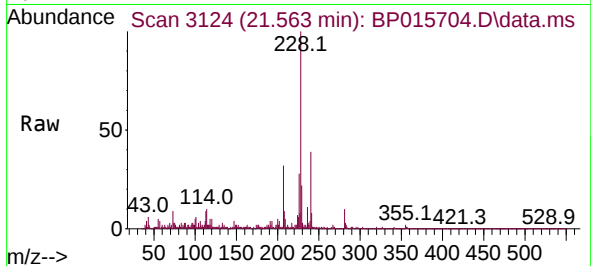
Tgt Ion:202 Resp: 300092
Ion Ratio Lower Upper
202 100
101 12.5 9.9 14.9
100 9.7 8.4 12.6





#85
Benzo(a)anthracene
Concen: 6.653 ng/u1
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

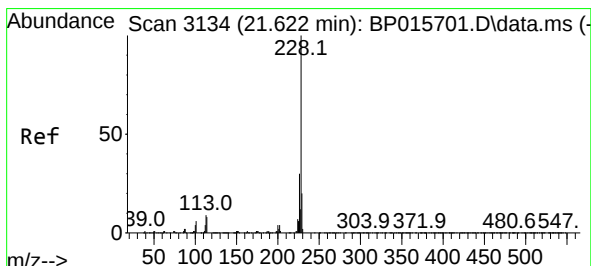
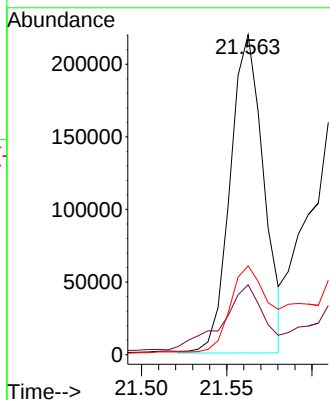
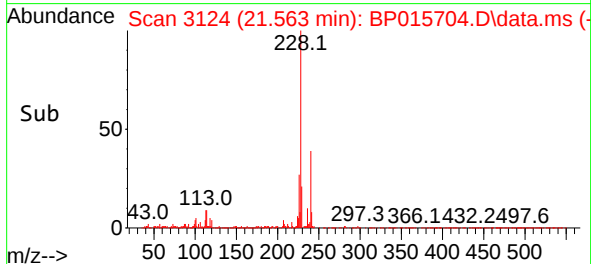
Instrument :
BNA_P
ClientSampleId :
DCFQ0



Tgt Ion:228 Resp: 300610
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 27.8 21.8 32.6

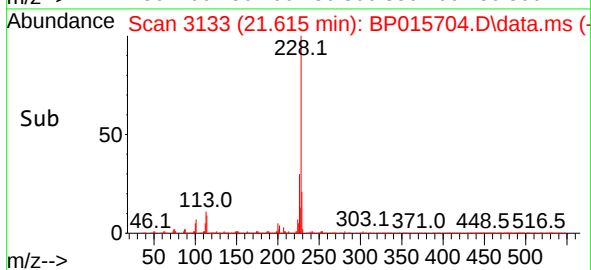
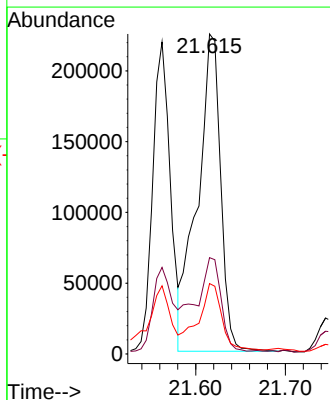
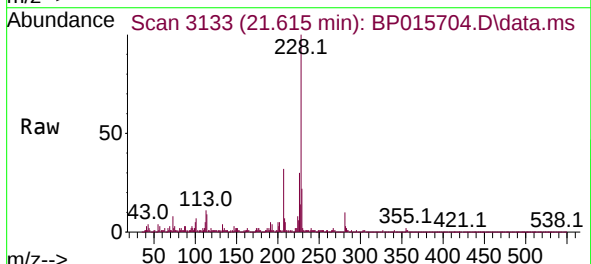
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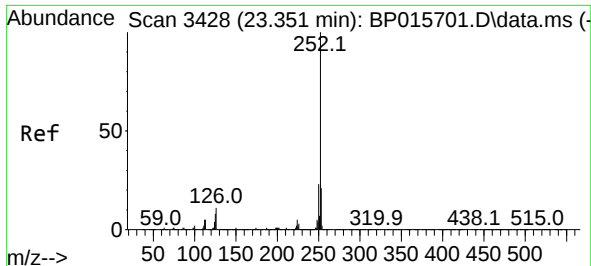
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 9.487 ng/u1
RT: 21.615 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

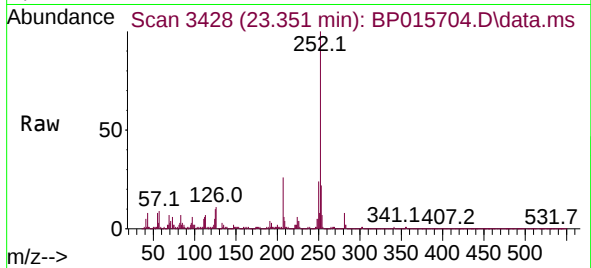
Tgt Ion:228 Resp: 405159
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 22.0 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 18.136 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20

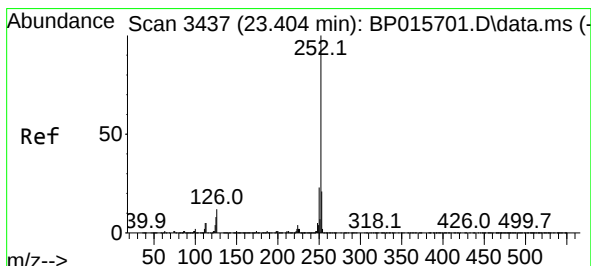
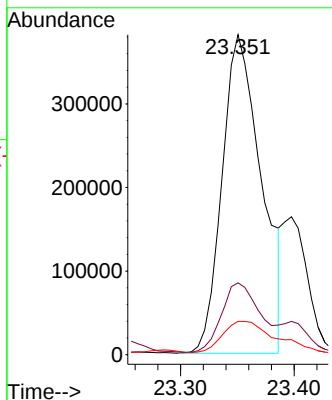
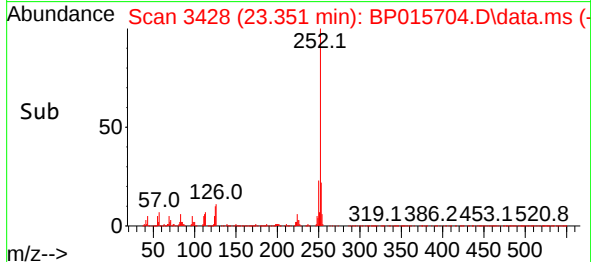
Instrument :
BNA_P
ClientSampleId :
DCFQ0



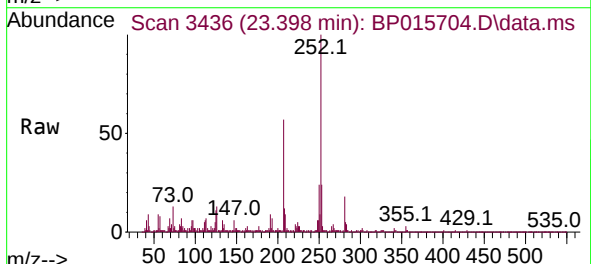
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Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.4 7.3 10.9

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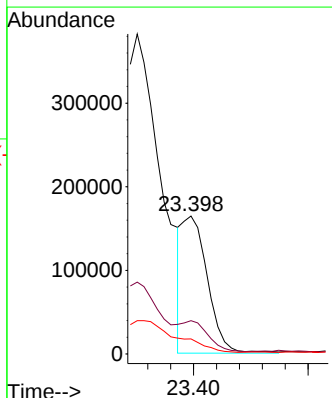
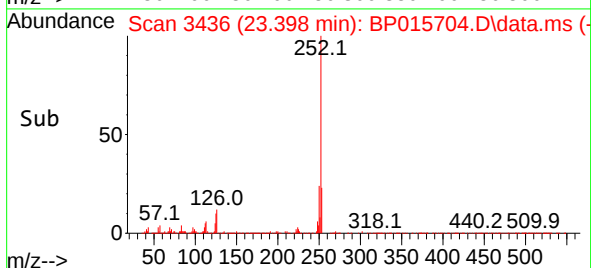
Reviewed By :Yogesh Patel 06/26/2023
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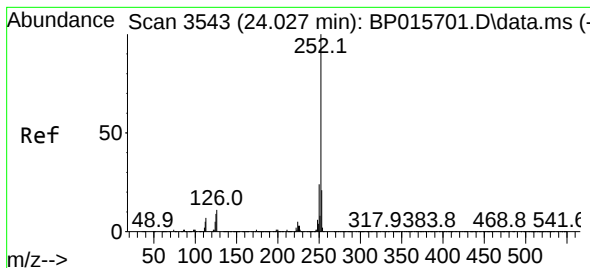


#91
Benzo(k)fluoranthene
Concen: 5.156 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BP015704.D
Acq: 24 Jun 2023 12:20



Tgt Ion:252 Resp: 251999
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 10.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 12.091 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015704.D

Acq: 24 Jun 2023 12:20

Instrument :

BNA_P

ClientSampleId :

DCFQ0

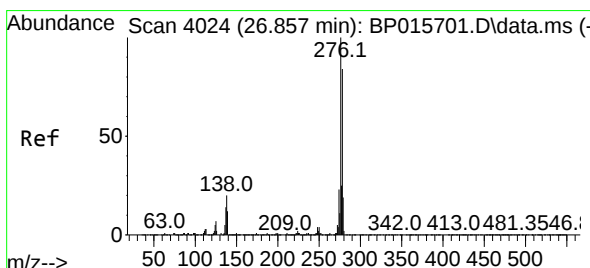
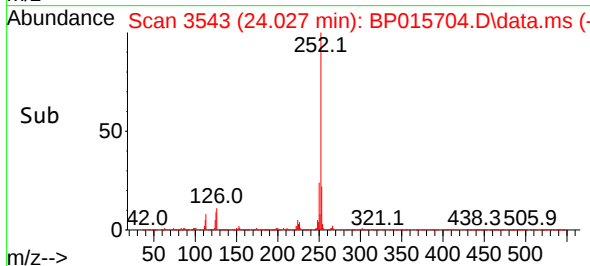
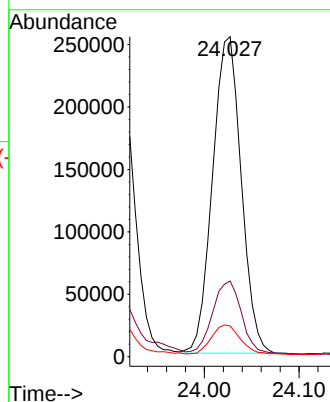
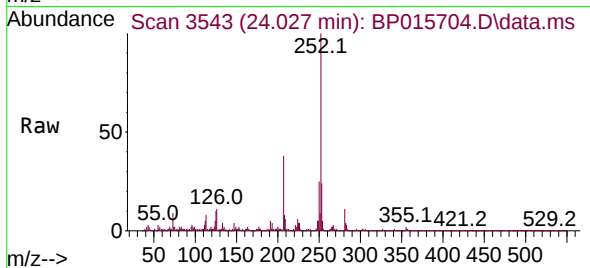
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Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	9.6	8.1	12.1

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.484 ng/ul

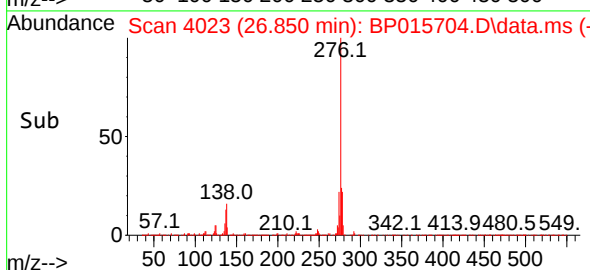
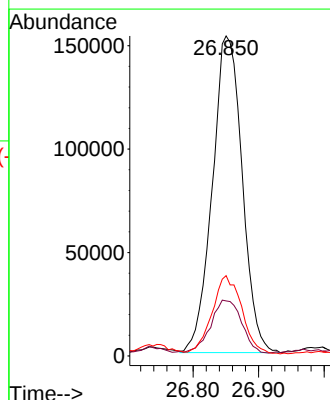
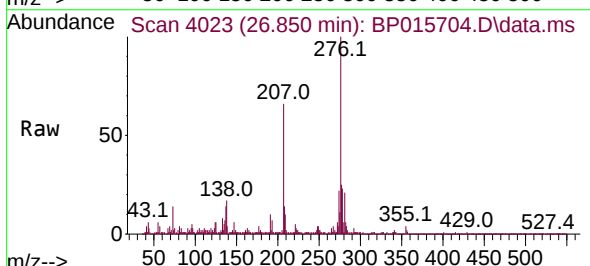
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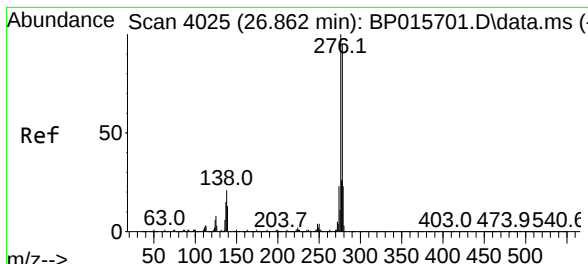
Delta R.T. 0.012 min

Lab File: BP015704.D

Acq: 24 Jun 2023 12:20

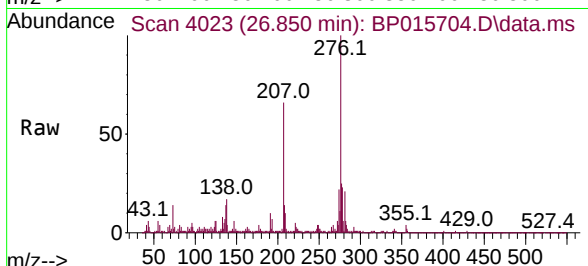
Tgt Ion:	276	Resp:	484036
Ion Ratio	Lower	Upper	
276	100		
138	21.5	17.3	25.9
277	25.1	20.2	30.2





#95
 Dibenzo(a,h)anthracene
 Concen: 2.948 ng/ul
 RT: 26.850 min Scan# 4023
 Delta R.T. 0.000 min
 Lab File: BP015704.D
 Acq: 24 Jun 2023 12:20

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ0

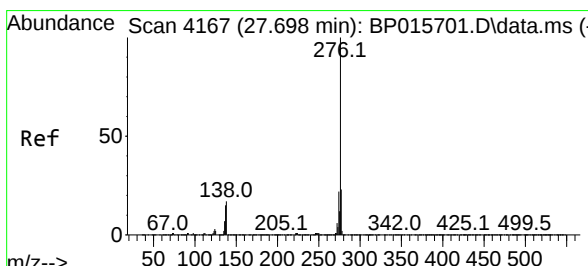
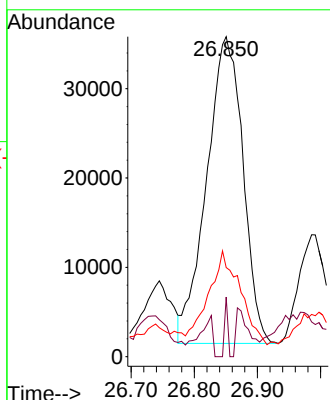
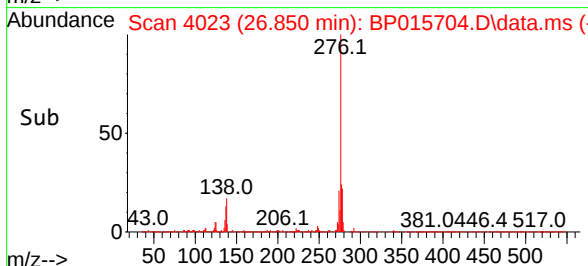


Tgt Ion: 278 Resp: 13704

Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.4	17.0
279	27.9	18.7	28.1

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 9.809 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015704.D
 Acq: 24 Jun 2023 12:20

Tgt Ion: 276 Resp: 461186

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.6	23.4
277	23.4	19.0	28.6

