

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015651.D
 Acq On : 22 Jun 2023 17:20
 Operator : MA/JU
 Sample : 03083-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 23:01:37 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	135063	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	559184	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	321959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	556994	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	449241	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	584004	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11730	3.216	ng/uL	0.00
4) Pyridine-d5	3.846	84	85721	9.048	ng/u1	0.00
7) Phenol-d5	7.240	99	224490	18.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	144300	19.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	185137	20.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	179526	17.580	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	93901	21.389	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	107742	21.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	183385	20.052	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	131489	10.016	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	604198	23.798	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	662023	23.847	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	52455	11.537	ng/u1	0.02
60) Fluorene-d10	15.722	176	467692	21.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	61708m	17.488	ng/u1	0.00
73) Anthracene-d10	17.592	188	599413	23.653	ng/u1	0.00
81) Pyrene-d10	19.816	212	644975	26.825	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	736987	25.151	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.451	152	55706	1.812	ng/u1#	97
72) Phenanthrene	17.534	178	104487	3.496	ng/u1	99
74) Anthracene	17.628	178	33521	1.105	ng/u1	96
80) Fluoranthene	19.492	202	316370	10.802	ng/u1	98
82) Pyrene	19.845	202	268921	8.875	ng/u1	97
85) Benzo(a)anthracene	21.563	228	175411	5.585	ng/u1	97
87) Chrysene	21.616	228	206575	6.959	ng/u1	97
90) Benzo(b)fluoranthene	23.345	252	383077	10.162	ng/u1	98
91) Benzo(k)fluoranthene	23.392	252	123375m	3.386	ng/u1	
93) Benzo(a)pyrene	24.016	252	240634	7.321	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	239786	5.637	ng/u1	96
95) Dibenzo(a,h)anthracene	26.839	278	59200	1.708	ng/u1#	69
96) Benzo(g,h,i)perylene	27.674	276	220879	6.301	ng/u1	98

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

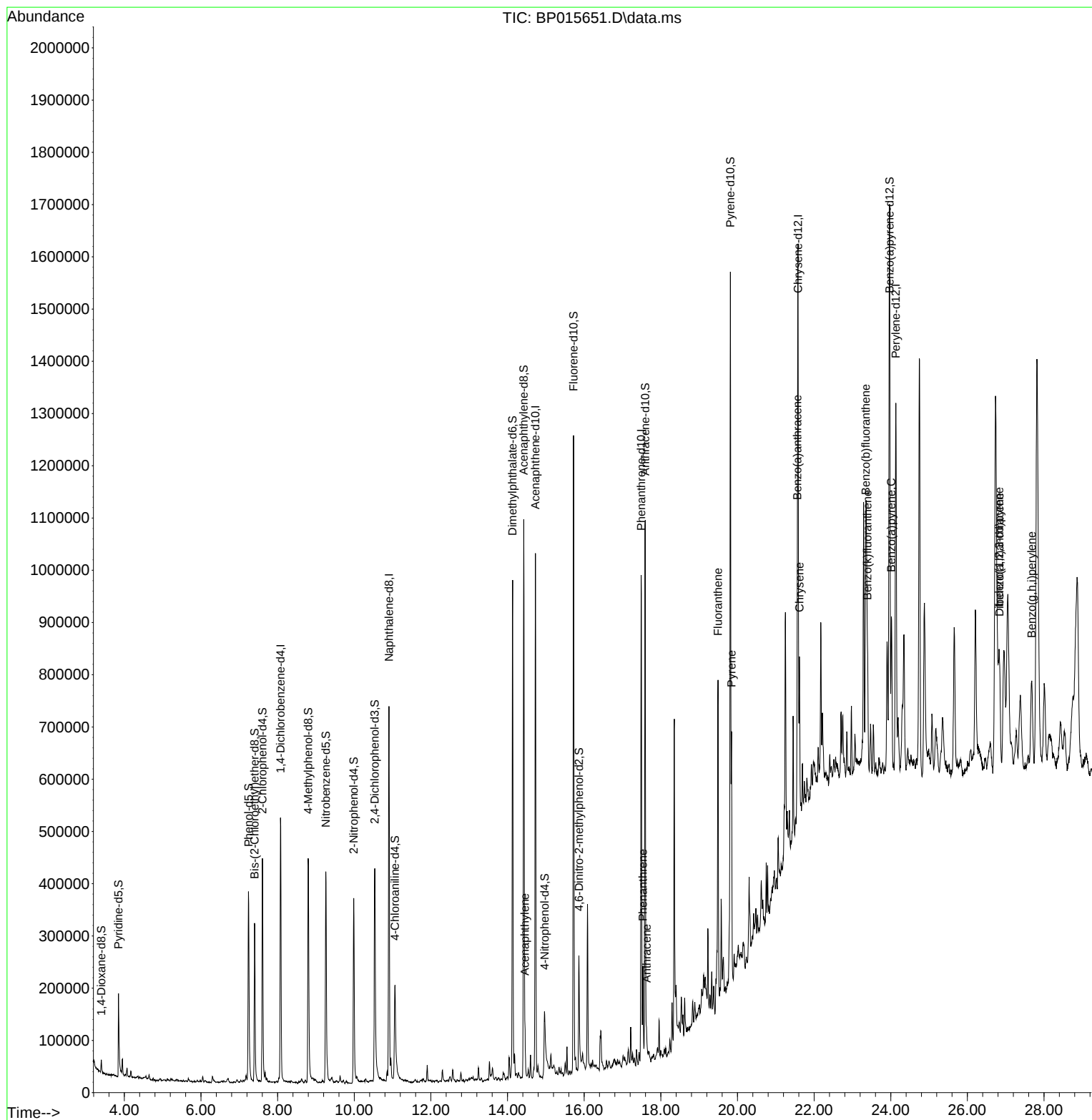
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015651.D
 Acq On : 22 Jun 2023 17:20
 Operator : MA/JU
 Sample : 03083-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

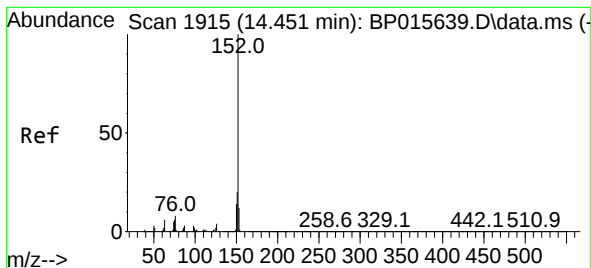
Instrument :
 BNA_P
 ClientSampleId :
 DCFL5

Quant Time: Jun 22 23:01:37 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 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023





#50

Acenaphthylene

Concen: 1.812 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

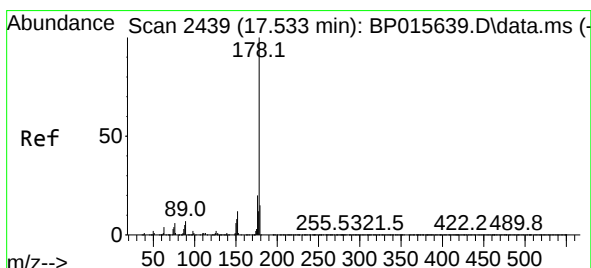
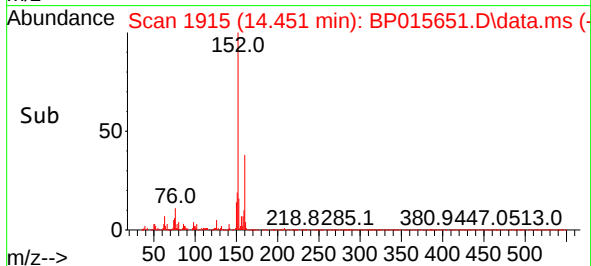
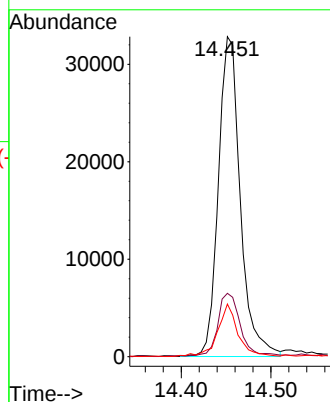
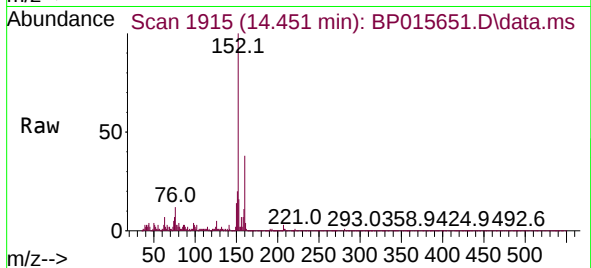
Tgt Ion:	152	Resp:	55700
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	16.4	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#72

Phenanthrene

Concen: 3.496 ng/ul

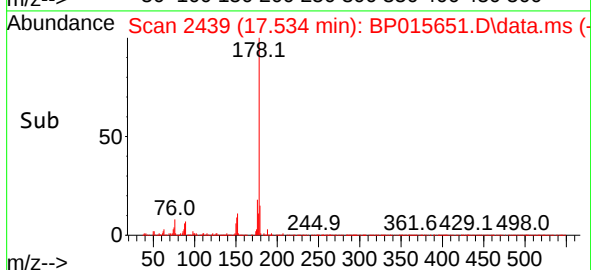
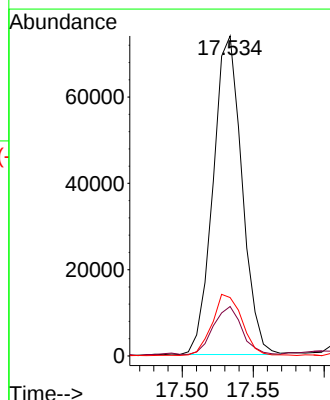
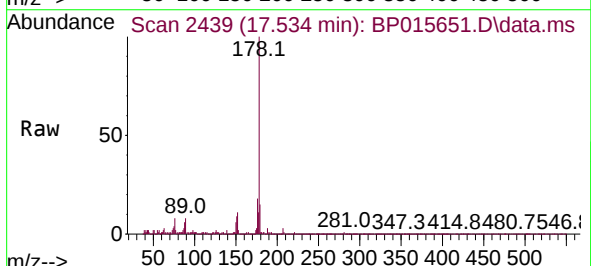
RT: 17.534 min Scan# 2439

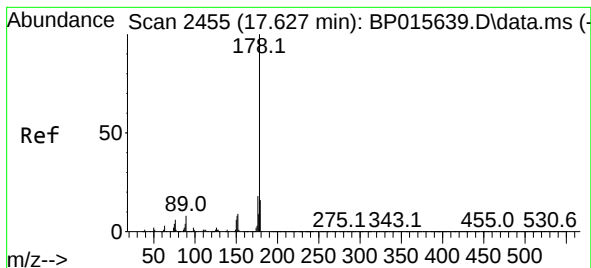
Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Tgt Ion:	178	Resp:	104487
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.2	15.4	23.0





#74

Anthracene

Concen: 1.105 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

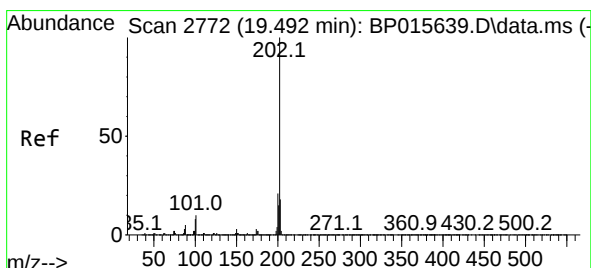
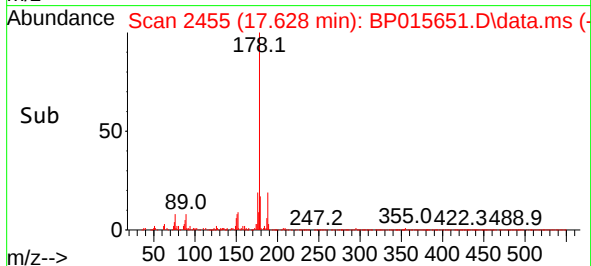
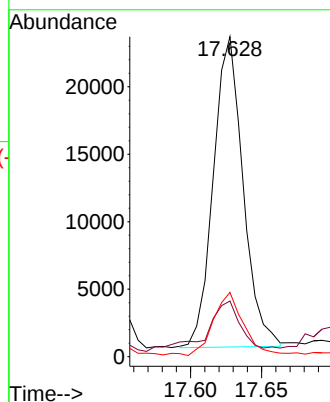
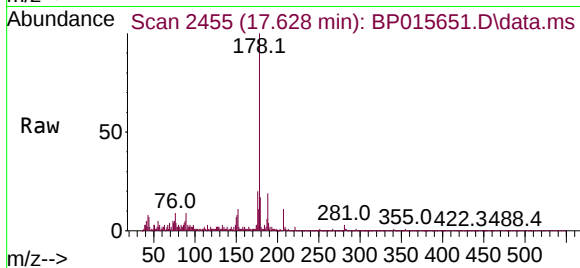
Tgt Ion:178	Resp:	3352
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.4 18.6
176	20.1	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#80

Fluoranthene

Concen: 10.802 ng/ul

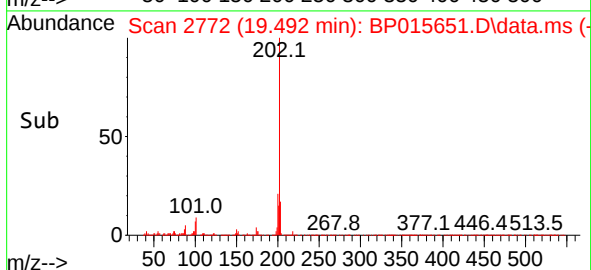
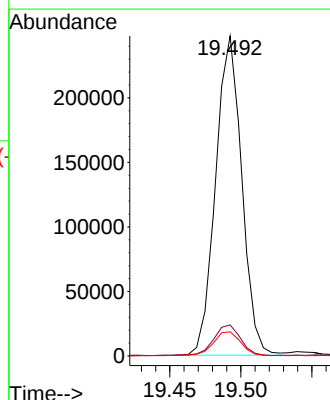
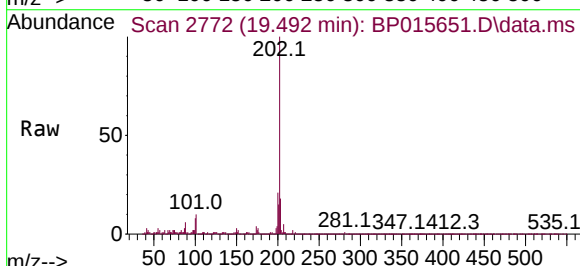
RT: 19.492 min Scan# 2772

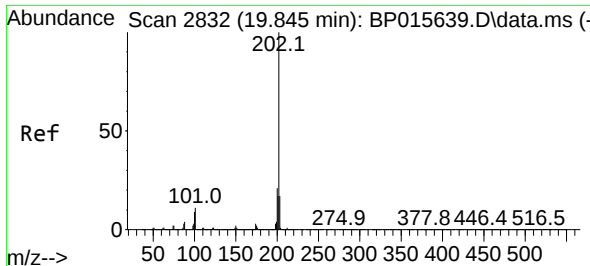
Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

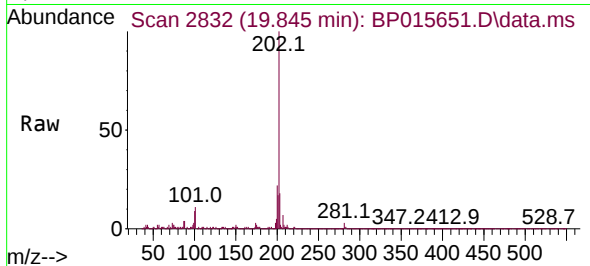
Tgt Ion:202	Resp:	316370
Ion Ratio	Lower	Upper
202	100	
101	9.7	8.6 13.0
100	7.6	6.6 9.8





#82
Pyrene
Concen: 8.875 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20

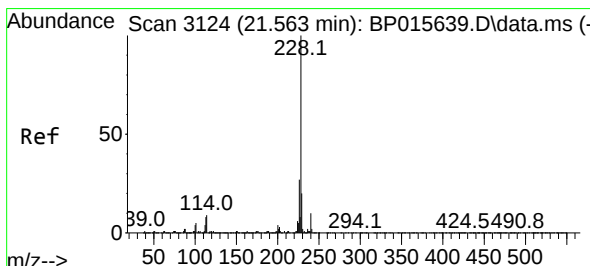
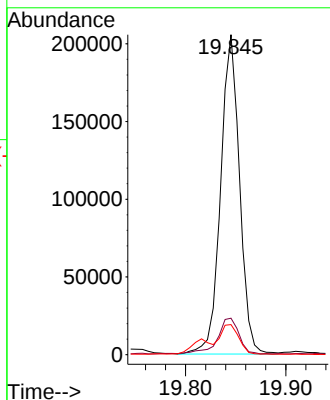
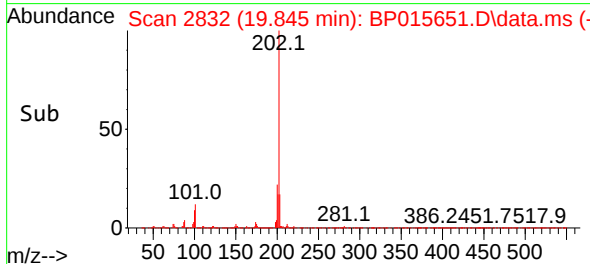
Instrument :
BNA_P
ClientSampleId :
DCFL5



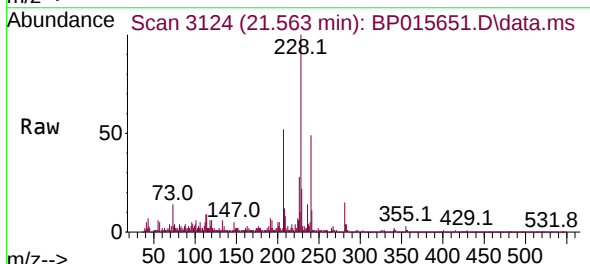
Tgt Ion:202 Resp: 26892
Ion Ratio Lower Upper
202 100
101 11.4 9.9 14.9
100 9.4 8.4 12.6

Manual Integrations
APPROVED

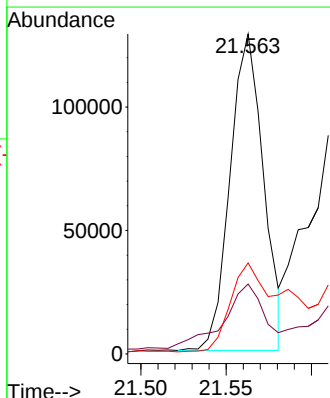
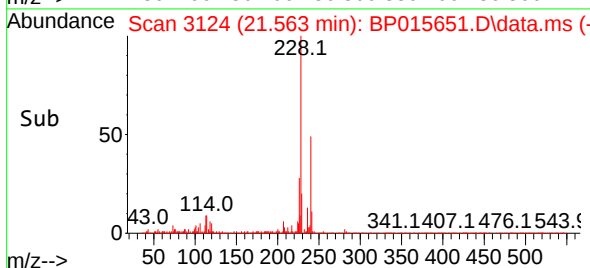
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

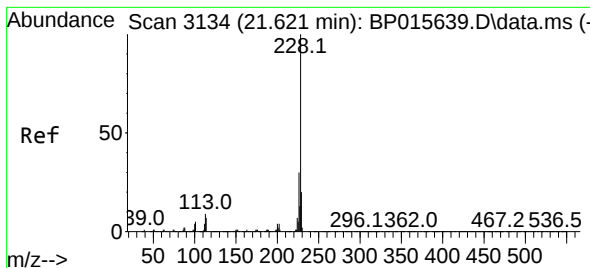


#85
Benzo(a)anthracene
Concen: 5.585 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20



Tgt Ion:228 Resp: 175411
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 28.4 21.8 32.6





#87

Chrysene

Concen: 6.959 ng/ul

RT: 21.616 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

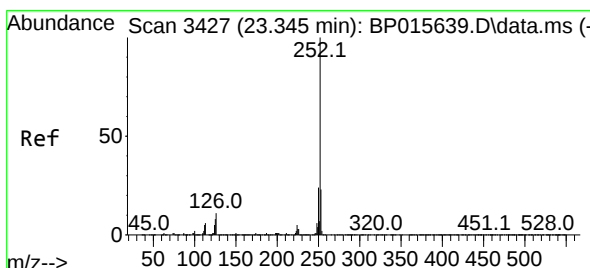
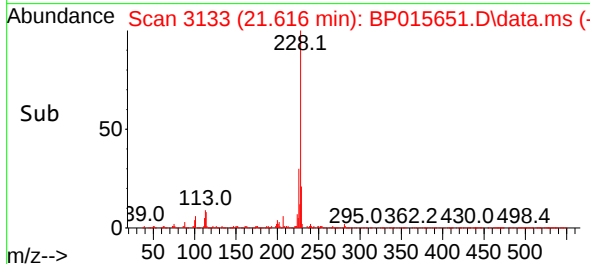
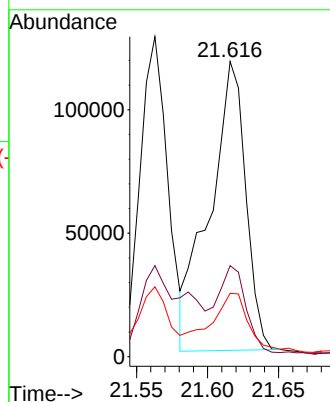
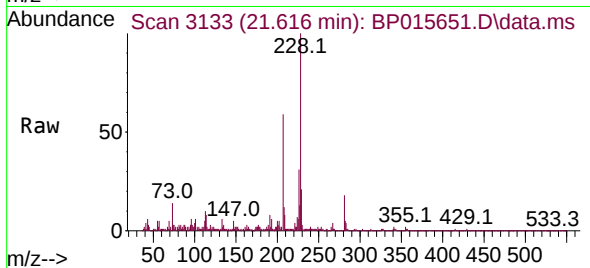
DCFL5

Tgt Ion:228 Resp: 206579
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.9 35.9
 229 21.5 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(b)fluoranthene

Concen: 10.162 ng/ul

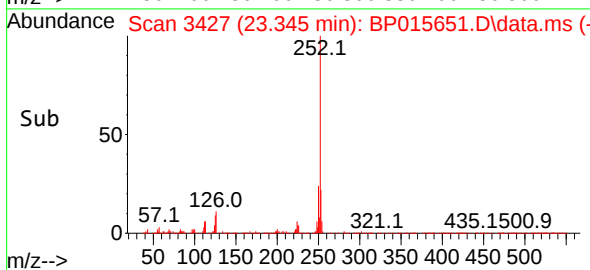
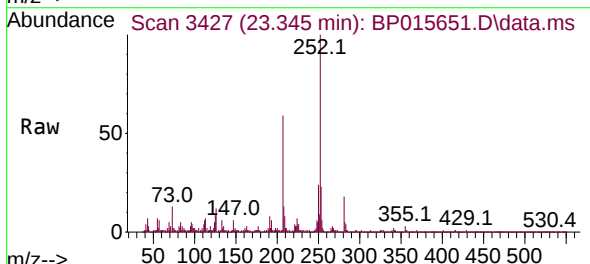
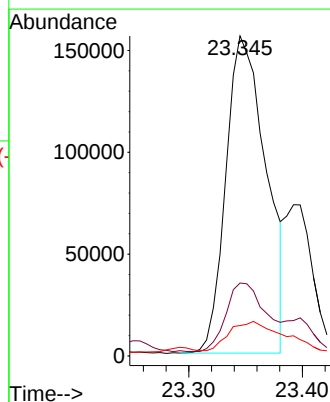
RT: 23.345 min Scan# 3427

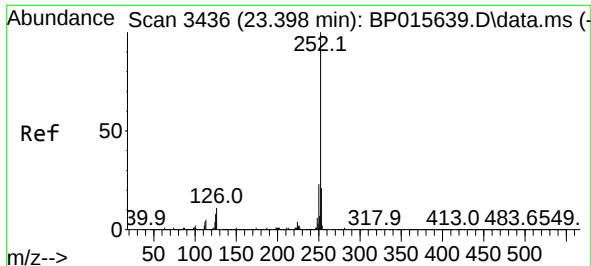
Delta R.T. 0.000 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

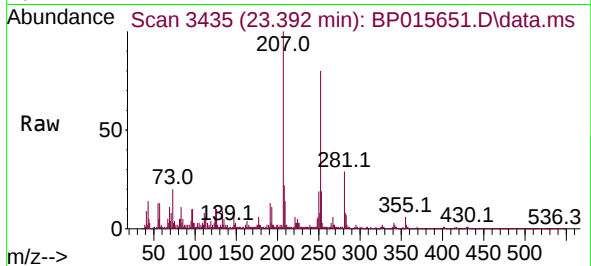
Tgt Ion:252 Resp: 383077
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 9.5 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 3.386 ng/ul m
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20

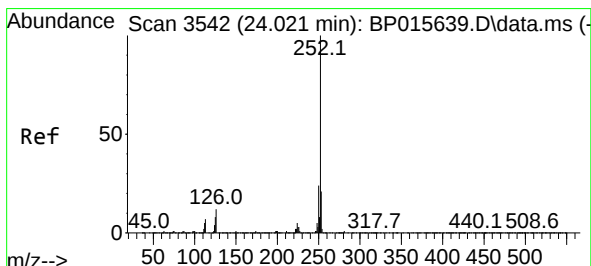
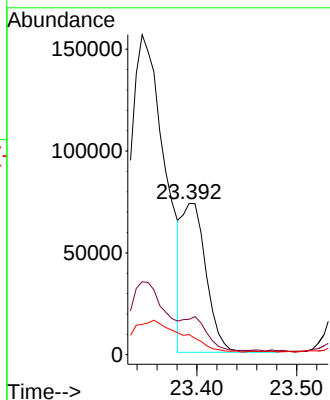
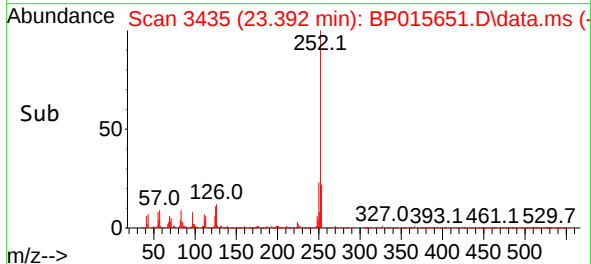
Instrument :
BNA_P
ClientSampleId :
DCFL5



Tgt Ion:252 Resp: 123379
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 13.3 7.3 10.9

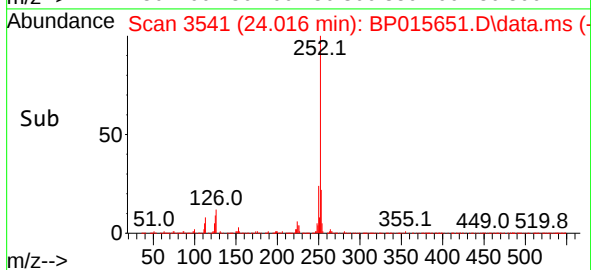
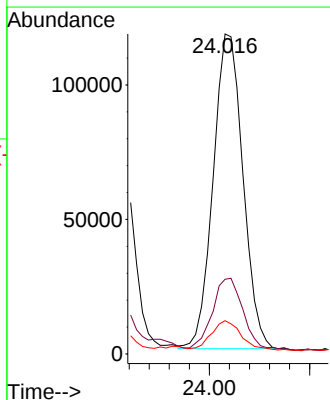
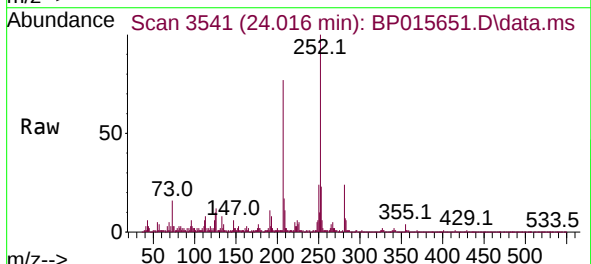
Manual Integrations
APPROVED

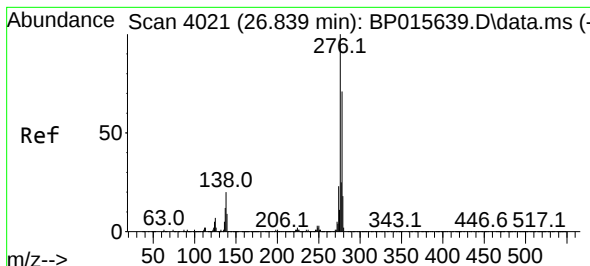
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#93
Benzo(a)pyrene
Concen: 7.321 ng/ul
RT: 24.016 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP015651.D
Acq: 22 Jun 2023 17:20

Tgt Ion:252 Resp: 240634
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 10.4 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.637 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

Instrument :

BNA_P

ClientSampleId :

DCFL5

Tgt Ion:276 Resp: 239780

Ion Ratio Lower Upper

276 100

138 18.7 17.3 25.9

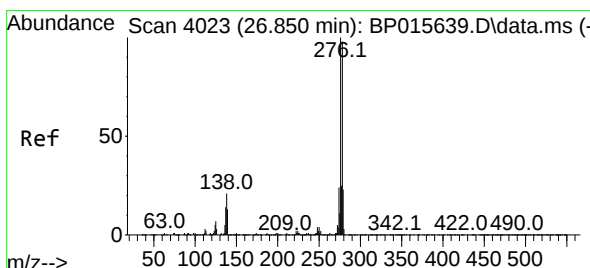
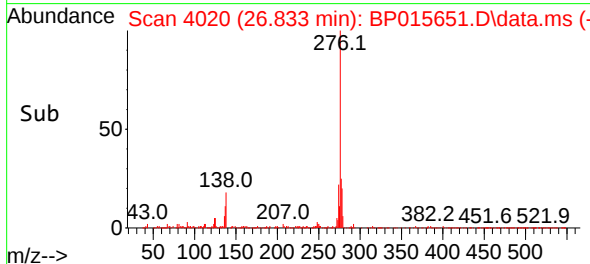
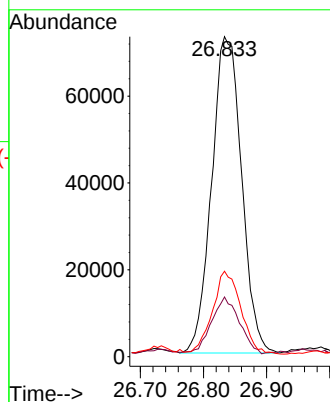
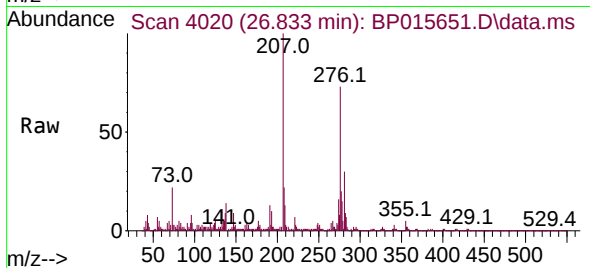
277 26.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.708 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.011 min

Lab File: BP015651.D

Acq: 22 Jun 2023 17:20

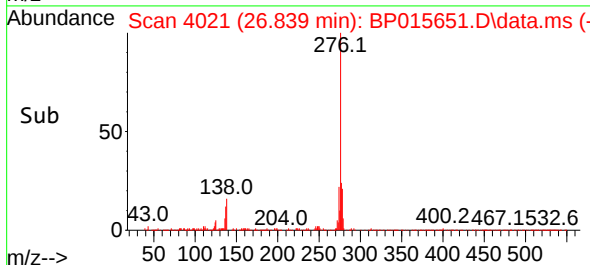
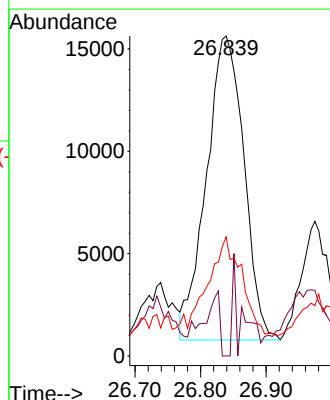
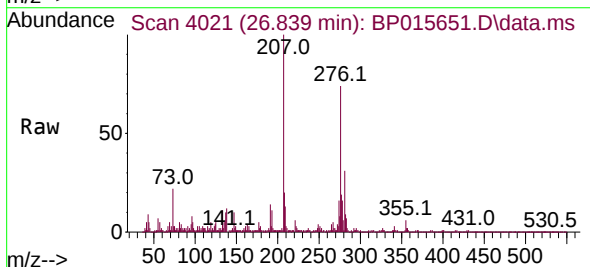
Tgt Ion:278 Resp: 59200

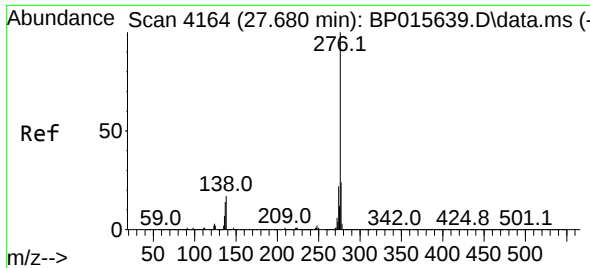
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

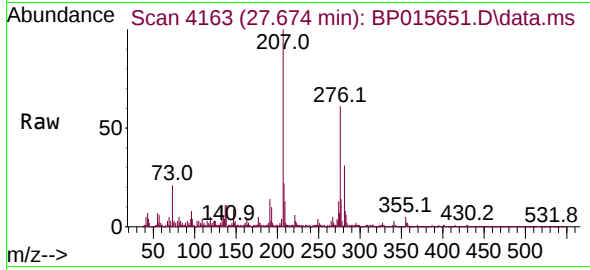
279 37.2 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 6.301 ng/ul
 RT: 27.674 min Scan# 4163
 Delta R.T. -0.006 min
 Lab File: BP015651.D
 Acq: 22 Jun 2023 17:20

Instrument :
 BNA_P
 ClientSampleId :
 DCFL5



Tgt Ion:	276	Resp:	220879
Ion Ratio	Lower	Upper	
276	100		
138	17.4	15.6	23.4
277	23.7	19.0	28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

