

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015824.D
 Acq On : 29 Jun 2023 23:10
 Operator : MA/JU
 Sample : 03161-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:26:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	288812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1220306	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	712227	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1499064	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	983816	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1068606	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	23808	2.966	ng/uL	0.00
4) Pyridine-d5	3.828	84	253954	12.550	ng/u1	0.00
7) Phenol-d5	7.234	99	406209	16.438	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	310279	20.295	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	352338	18.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	105981	5.429	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	181537	19.466	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	200949	18.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	285480	14.718	ng/u1	0.03
31) 4-Chloroaniline-d4	11.087	131	49046	1.968	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	1164115	21.147	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1322898	21.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	135670m	18.676	ng/u1	0.02
60) Fluorene-d10	15.698	176	985084	21.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	111381	12.082	ng/u1	0.00
73) Anthracene-d10	17.563	188	1452062	21.206	ng/u1	0.00
81) Pyrene-d10	19.786	212	1577219	24.552	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1170537	21.715	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.769	153	63414	1.341	ng/u1	96
61) Fluorene	15.757	166	63124	1.186	ng/u1	97
72) Phenanthrene	17.504	178	1618263	19.871	ng/u1	100
74) Anthracene	17.598	178	348189	4.255	ng/u1	96
80) Fluoranthene	19.463	202	3376417	42.290	ng/u1#	92
82) Pyrene	19.816	202	2694081	33.080	ng/u1#	89
85) Benzo(a)anthracene	21.533	228	1360579	19.660	ng/u1	98
87) Chrysene	21.586	228	1282345	19.530	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	1631906	23.767	ng/u1#	95
91) Benzo(k)fluoranthene	23.357	252	516254m	7.442	ng/u1	
93) Benzo(a)pyrene	23.980	252	1034618	17.245	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.792	276	765208	9.395	ng/u1	96
95) Dibenzo(a,h)anthracene	26.792	278	210720	3.150	ng/u1#	78
96) Benzo(g,h,i)perylene	27.621	276	683520	10.201	ng/u1#	94

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

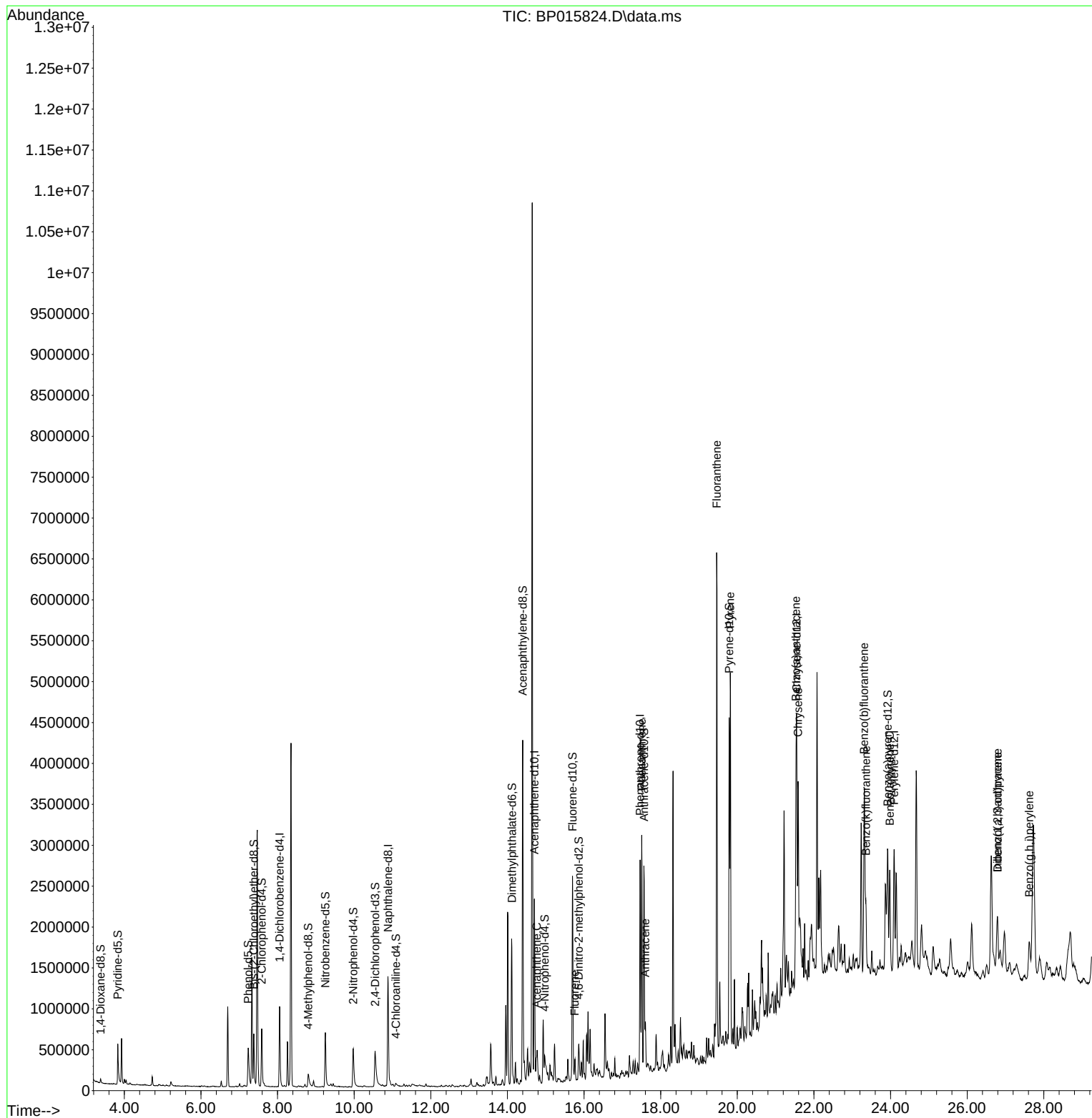
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015824.D
Acq On : 29 Jun 2023 23:10
Operator : MA/JU
Sample : 03161-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

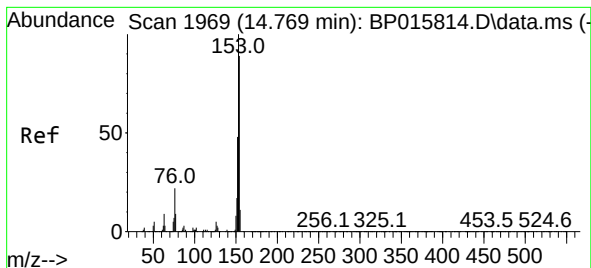
Instrument :
BNA_P
ClientSampleId :
DCFX2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:26:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.341 ng/ul

RT: 14.769 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

Instrument :

BNA_P

ClientSampleId :

DCFX2

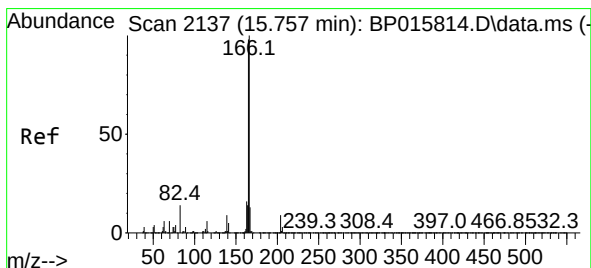
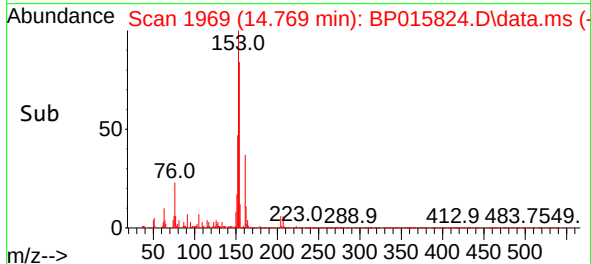
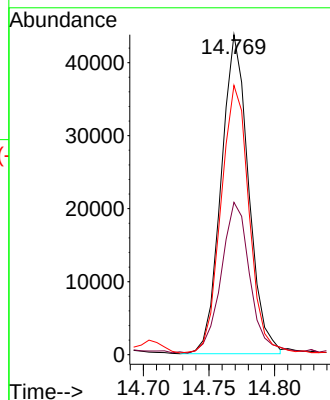
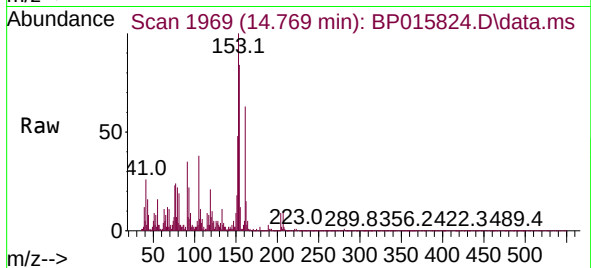
Tgt Ion:	153	Resp:	63414
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.4	59.2
154	84.1	71.4	107.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#61

Fluorene

Concen: 1.186 ng/ul

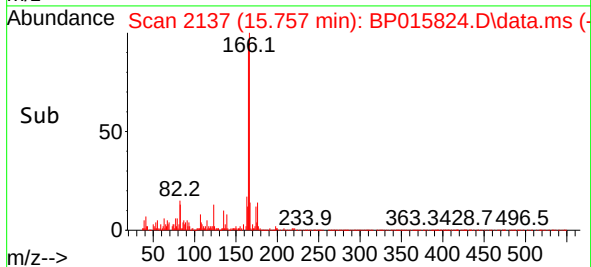
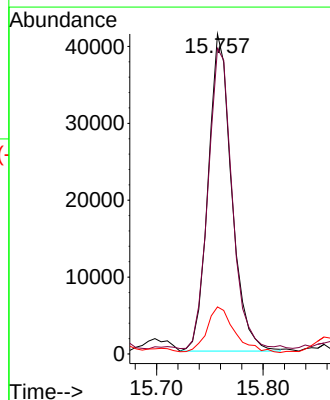
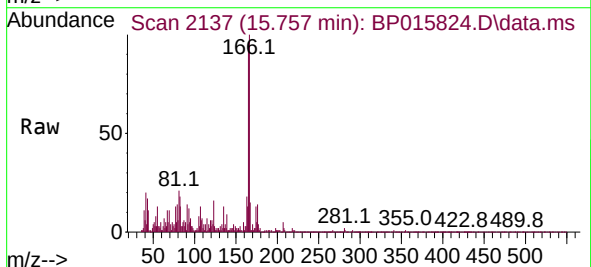
RT: 15.757 min Scan# 2137

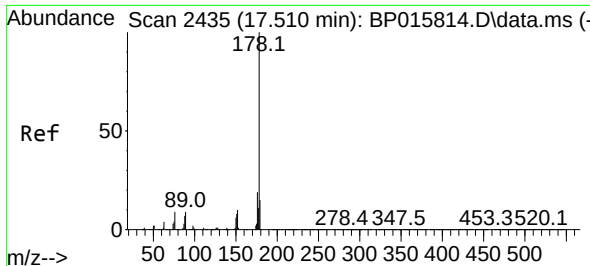
Delta R.T. 0.000 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

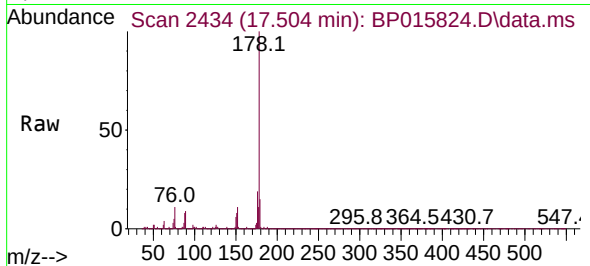
Tgt Ion:	166	Resp:	63124
Ion Ratio	Lower	Upper	
166	100		
165	95.5	78.7	118.1
167	14.7	10.5	15.7





#72
Phenanthrene
Concen: 19.871 ng/ul
RT: 17.504 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

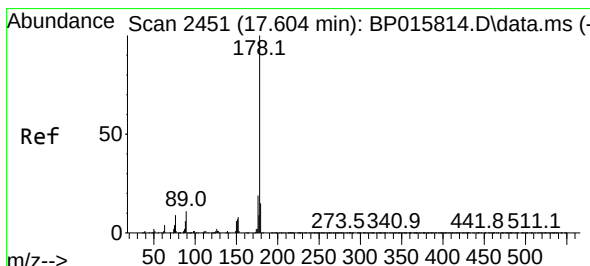
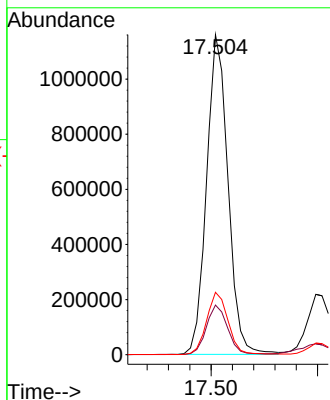
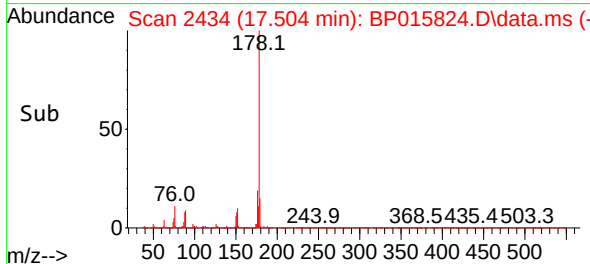
Instrument :
BNA_P
ClientSampleId :
DCFX2



Tgt Ion:178 Resp: 161826
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.5 15.6 23.4

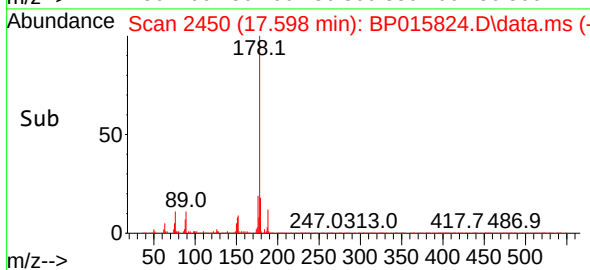
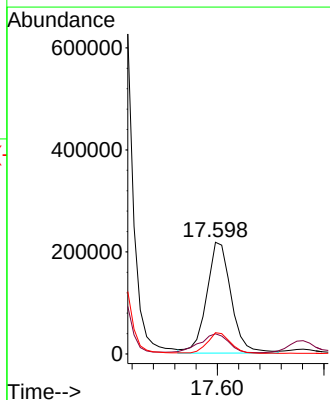
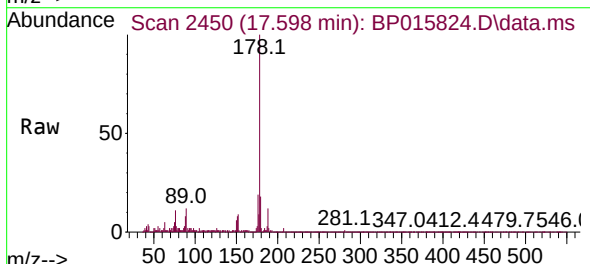
Manual Integrations
APPROVED

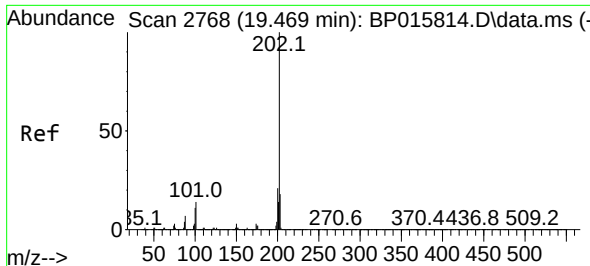
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#74
Anthracene
Concen: 4.255 ng/ul
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

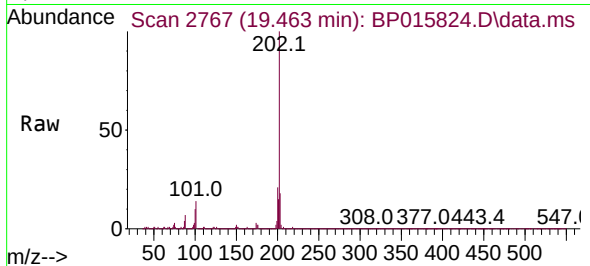
Tgt Ion:178 Resp: 348189
Ion Ratio Lower Upper
178 100
179 18.0 12.1 18.1
176 19.1 14.6 22.0





#80
Fluoranthene
Concen: 42.290 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

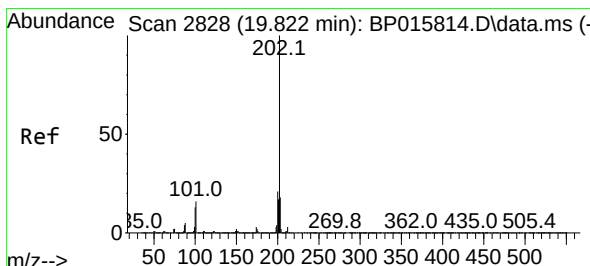
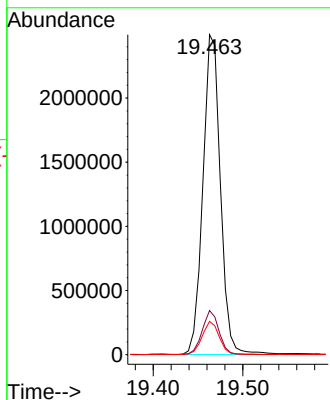
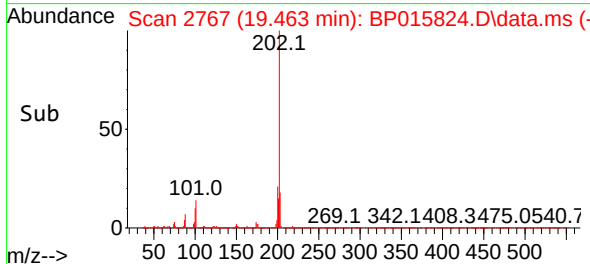
Instrument :
BNA_P
ClientSampleId :
DCFX2



Tgt Ion:202 Resp: 337641
Ion Ratio Lower Upper
202 100
101 13.8 8.3 12.5
100 10.4 6.6 9.8

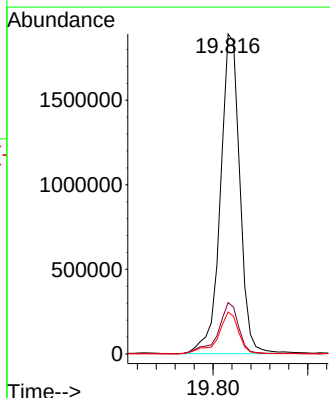
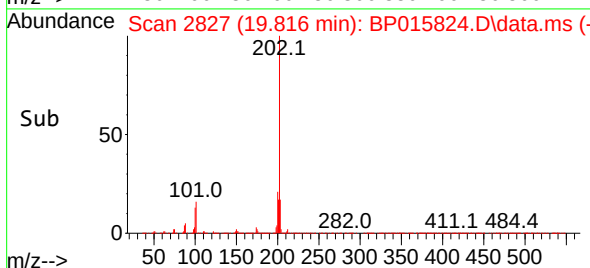
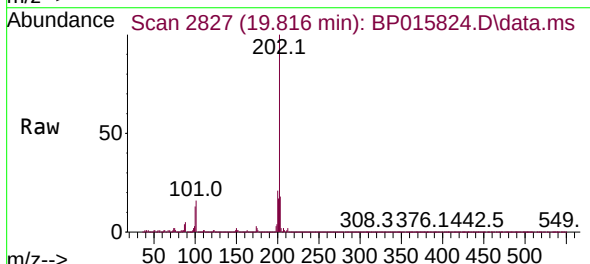
Manual Integrations
APPROVED

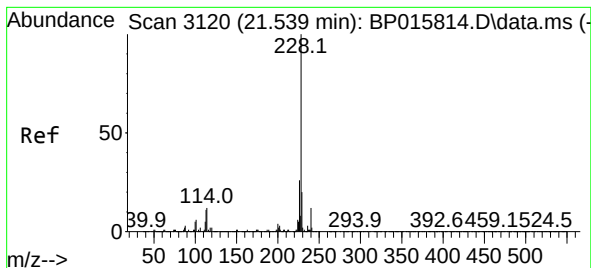
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
Pyrene
Concen: 33.080 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. -0.012 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

Tgt Ion:202 Resp: 2694081
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 13.1 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 19.660 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

Instrument :

BNA_P

ClientSampleId :

DCFX2

Tgt Ion:228 Resp: 1360579

Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

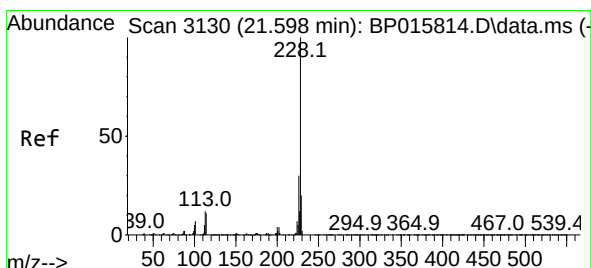
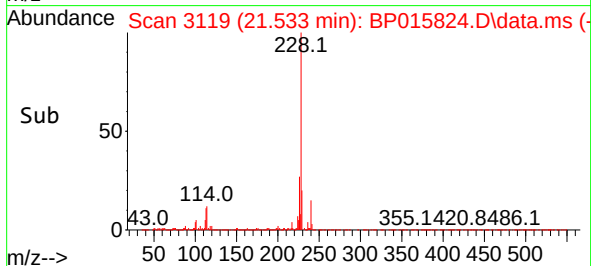
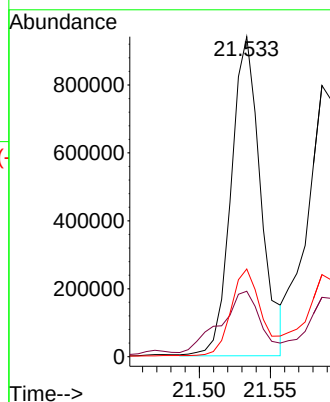
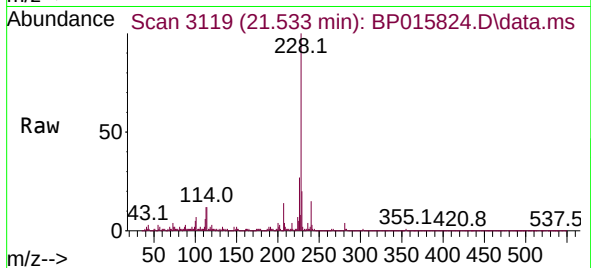
226 27.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#87

Chrysene

Concen: 19.530 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.012 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

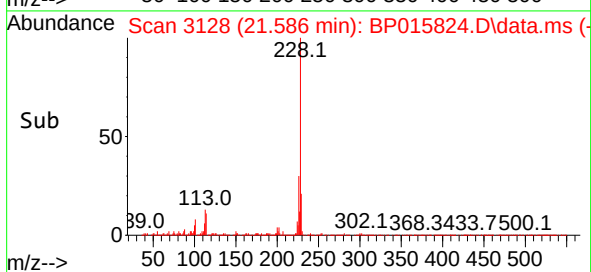
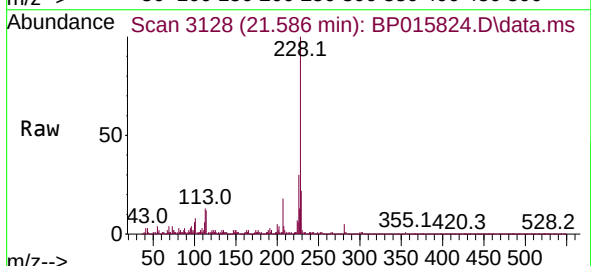
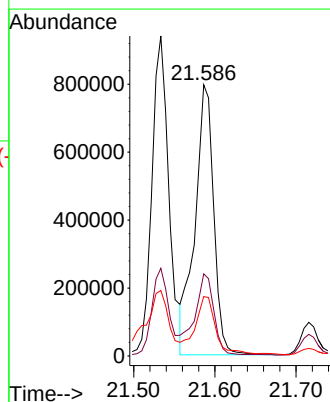
Tgt Ion:228 Resp: 1282345

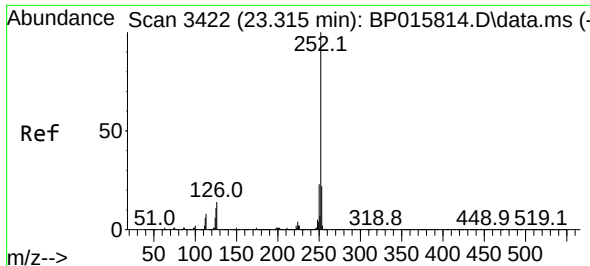
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

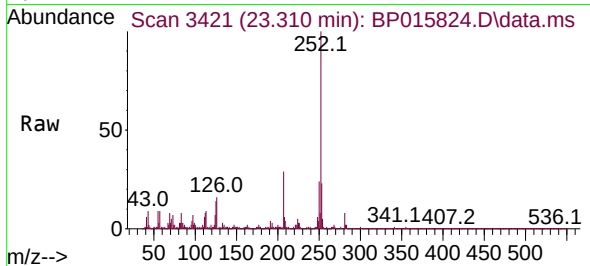
229 21.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 23.767 ng/ul
RT: 23.310 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

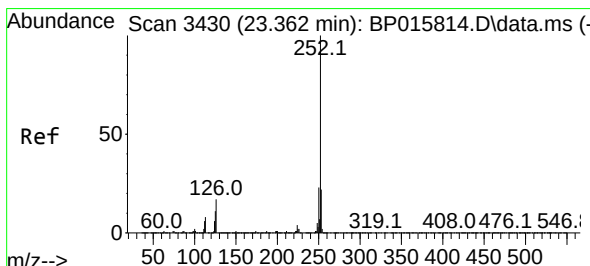
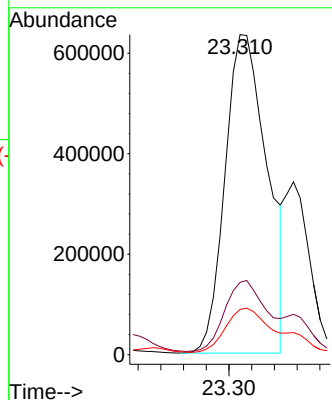
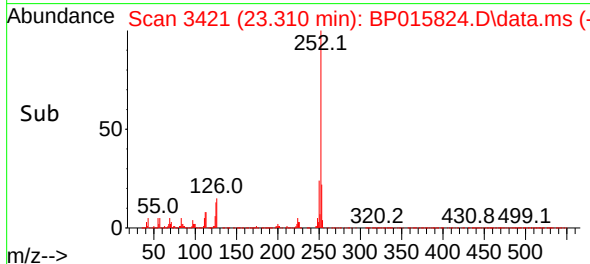
Instrument :
BNA_P
ClientSampleId :
DCFX2



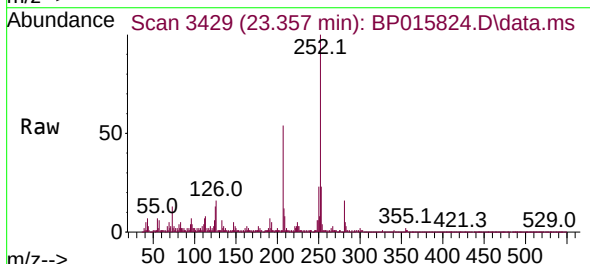
Tgt Ion:252 Resp: 1631900
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 14.2 7.5 11.3

Manual Integrations
APPROVED

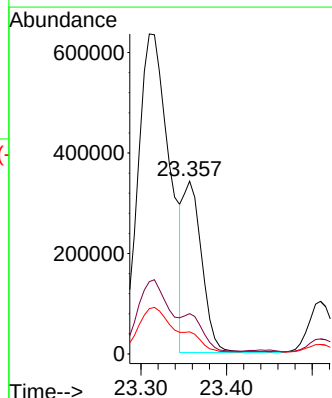
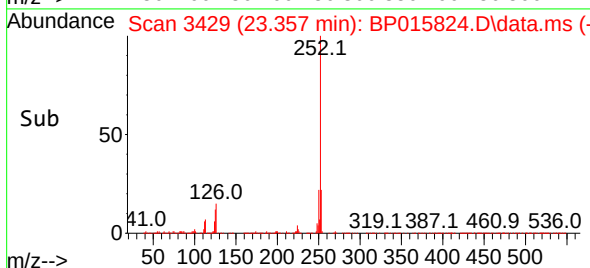
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

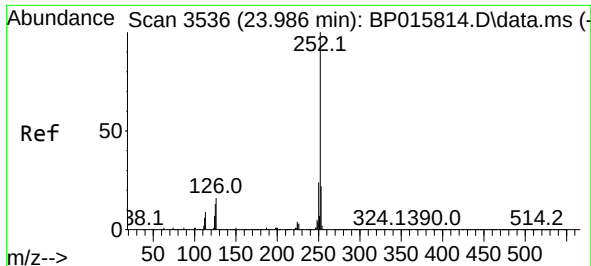


#91
Benzo(k)fluoranthene
Concen: 7.442 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.012 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10



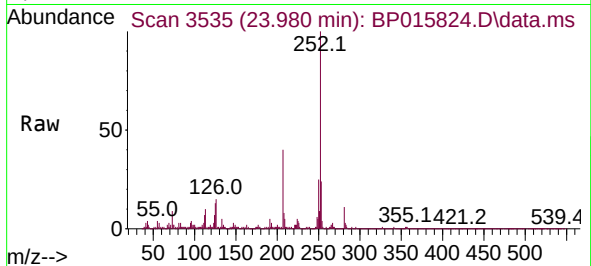
Tgt Ion:252 Resp: 516254
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.4
125 12.8 7.3 10.9





#93
Benzo(a)pyrene
Concen: 17.245 ng/ul
RT: 23.980 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

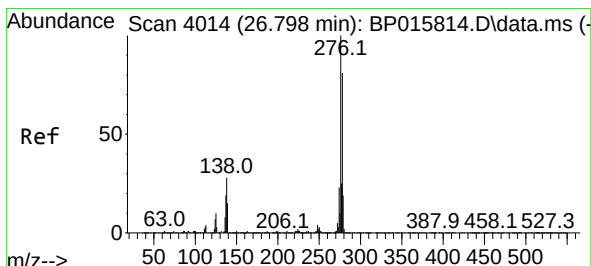
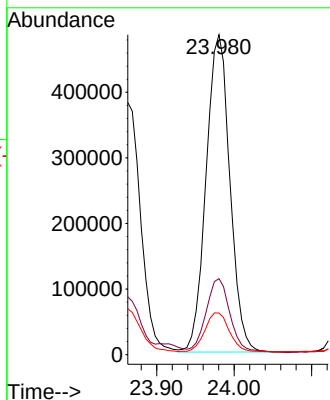
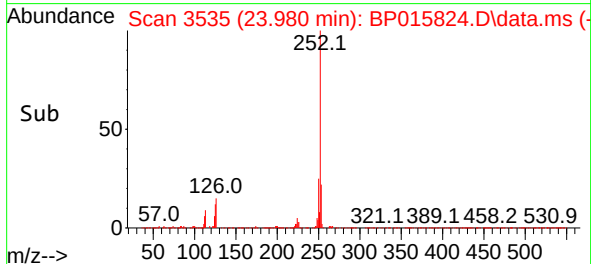
Instrument :
BNA_P
ClientSampleId :
DCFX2



Tgt Ion:252 Resp: 1034618
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 13.0 8.2 12.2

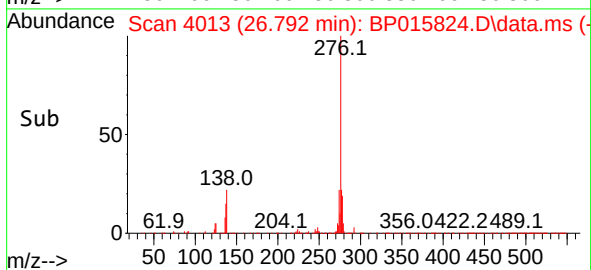
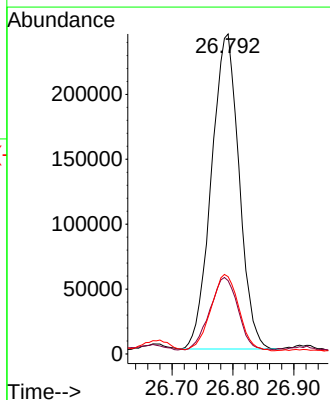
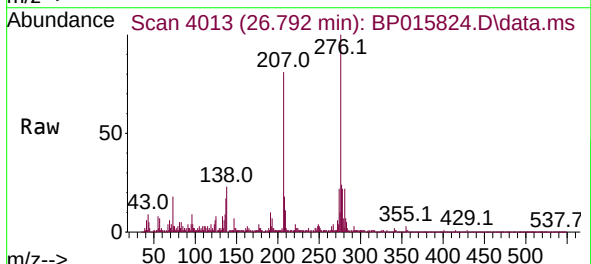
Manual Integrations
APPROVED

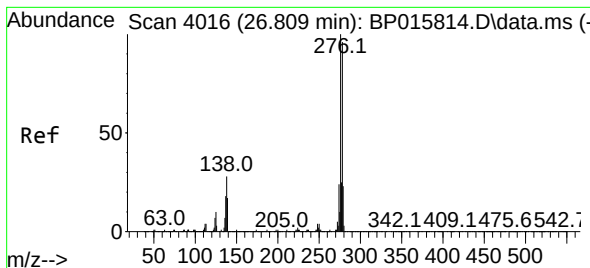
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 9.395 ng/ul
RT: 26.792 min Scan# 4013
Delta R.T. -0.006 min
Lab File: BP015824.D
Acq: 29 Jun 2023 23:10

Tgt Ion:276 Resp: 765208
Ion Ratio Lower Upper
276 100
138 22.9 15.7 23.5
277 24.2 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 3.150 ng/ul

RT: 26.792 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

Instrument :

BNA_P

ClientSampleId :

DCFX2

Tgt Ion:278 Resp: 210720

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

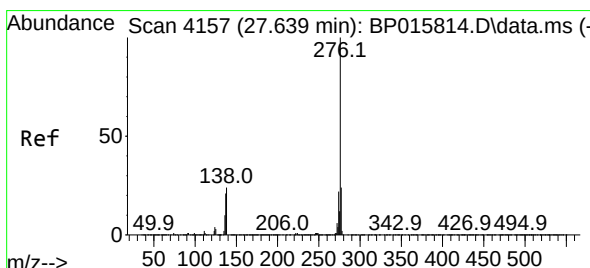
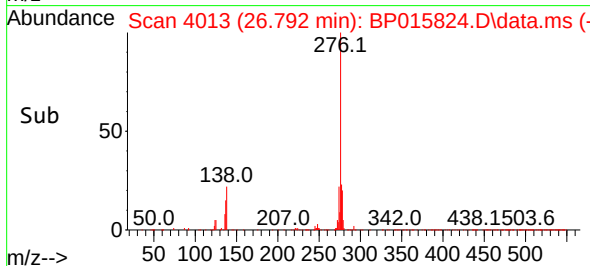
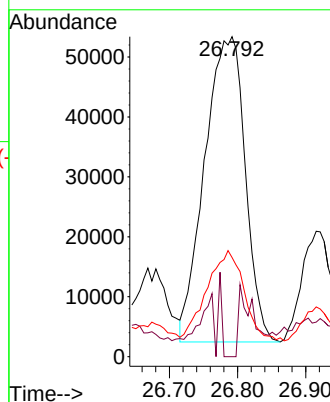
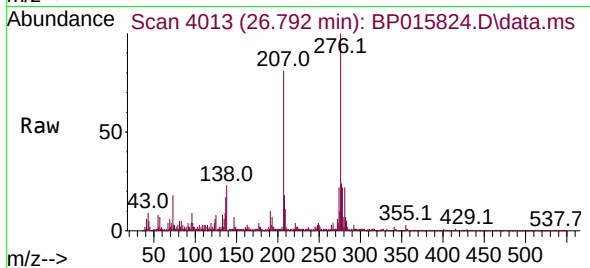
279 31.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 10.201 ng/ul

RT: 27.621 min Scan# 4154

Delta R.T. -0.012 min

Lab File: BP015824.D

Acq: 29 Jun 2023 23:10

Tgt Ion:276 Resp: 683520

Ion Ratio Lower Upper

276 100

138 24.7 15.1 22.7

277 23.4 18.8 28.2

