

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015825.D
 Acq On : 29 Jun 2023 23:44
 Operator : MA/JU
 Sample : 03161-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX3

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 01:59:56 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	274116	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1181805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	708403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1518754	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1093624	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1091476	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	21693	2.847	ng/uL	0.00
4) Pyridine-d5	3.828	84	239278	12.459	ng/ul	0.00
7) Phenol-d5	7.234	99	399768	17.045	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	288223	19.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	339239	19.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	158517	8.555	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	164774	18.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	181330	17.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	293265	15.612	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	112989	4.682	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1056131	19.289	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1210755	19.671	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	106076m	14.681	ng/ul	0.03
60) Fluorene-d10	15.698	176	911217	20.211	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	93970	10.061	ng/ul	0.00
73) Anthracene-d10	17.563	188	1359078	19.591	ng/ul	0.00
81) Pyrene-d10	19.792	212	1501560	21.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1085772	19.720	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.428	152	250961	3.700	ng/ul	100
72) Phenanthrene	17.504	178	973106	11.794	ng/ul	100
74) Anthracene	17.604	178	274994	3.317	ng/ul	96
80) Fluoranthene	19.469	202	2635503	29.696	ng/ul#	94
82) Pyrene	19.822	202	2149227	23.740	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	1206766	15.686	ng/ul	97
87) Chrysene	21.592	228	1208323	16.555	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	1661395	23.690	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	593102m	8.370	ng/ul	
93) Benzo(a)pyrene	23.986	252	987863	16.120	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	800536	9.623	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	225667	3.303	ng/ul#	75
96) Benzo(g,h,i)perylene	27.627	276	682745	9.976	ng/ul#	93

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

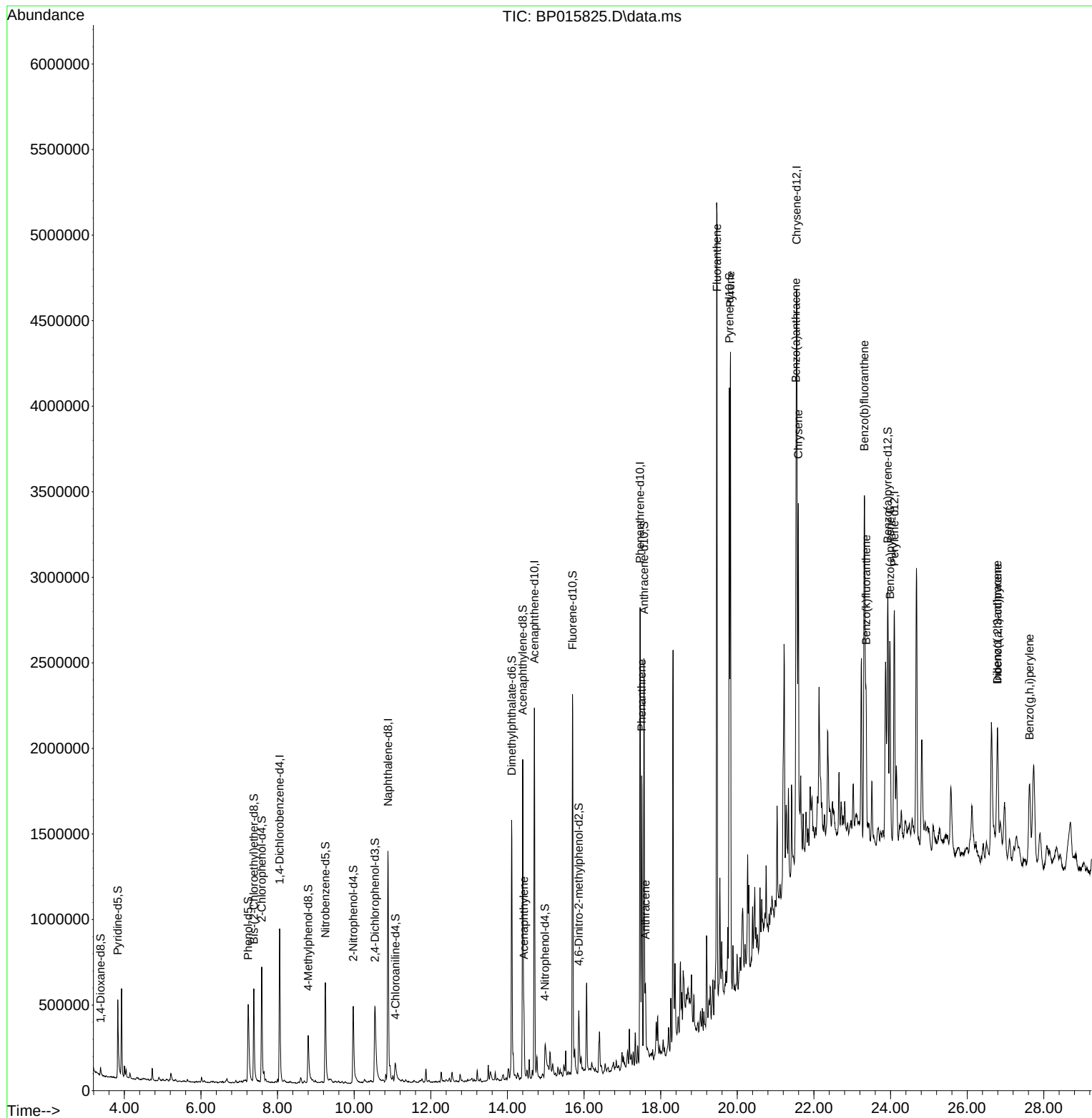
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015825.D
 Acq On : 29 Jun 2023 23:44
 Operator : MA/JU
 Sample : 03161-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

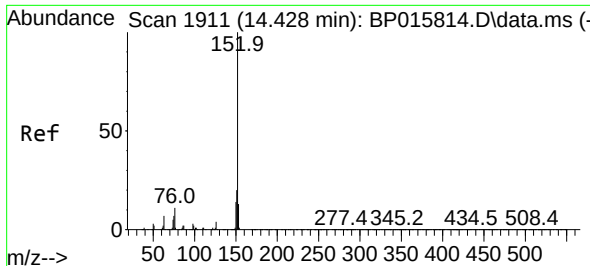
Instrument :
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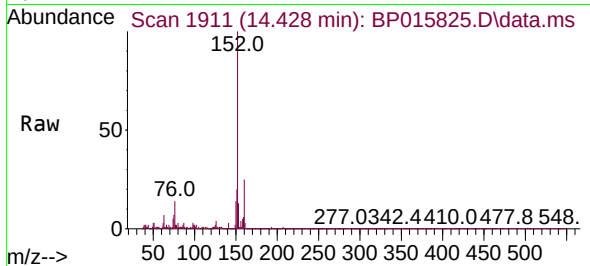
Quant Time: Jun 30 01:59:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 3.700 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44

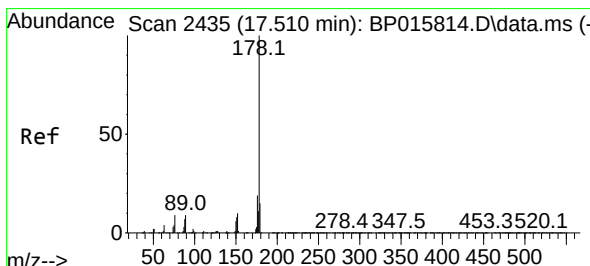
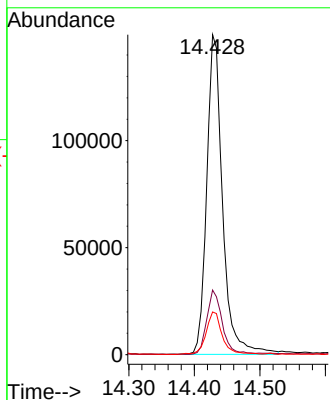
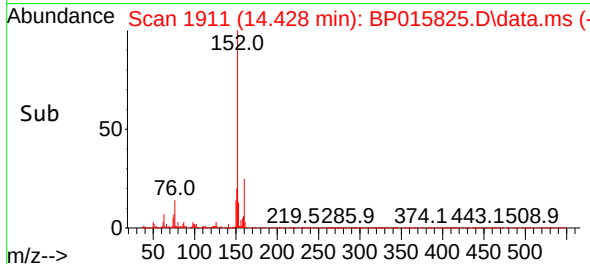
Instrument :
BNA_P
ClientSampleId :
DCFX3



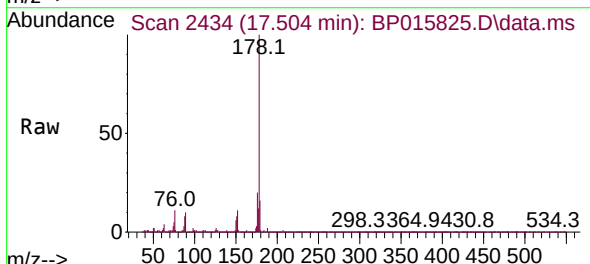
Tgt Ion:152 Resp: 25096
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.5 15.7

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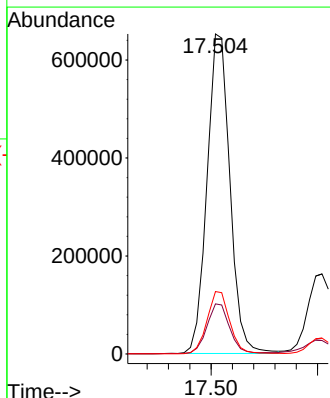
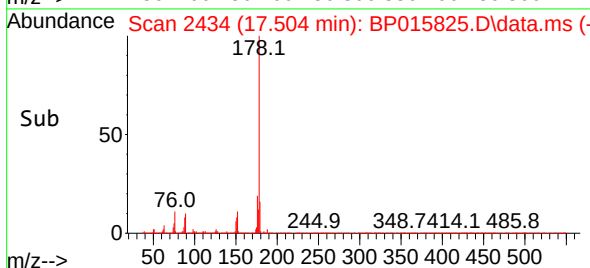
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

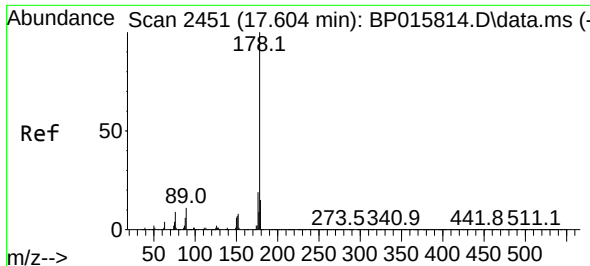


#72
Phenanthrene
Concen: 11.794 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44



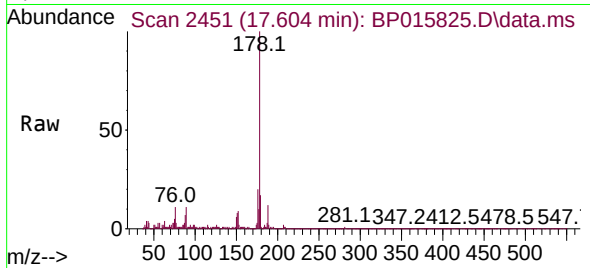
Tgt Ion:178 Resp: 973106
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.5 15.6 23.4





#74
 Anthracene
 Concen: 3.317 ng/u1
 RT: 17.604 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BP015825.D
 Acq: 29 Jun 2023 23:44

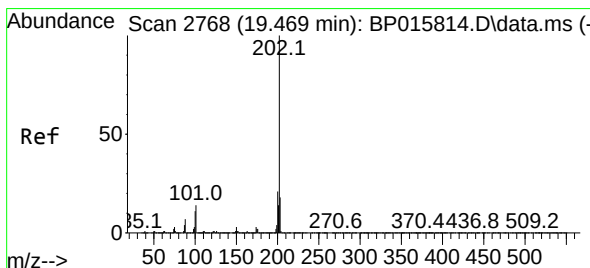
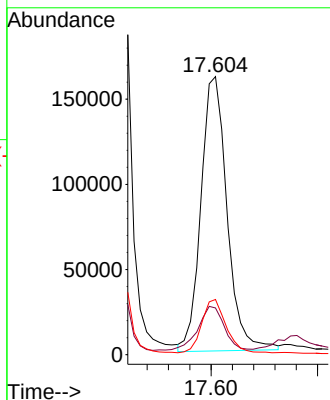
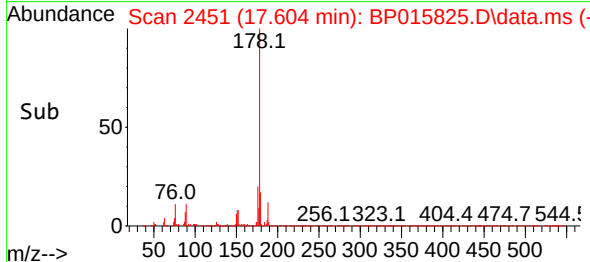
Instrument :
 BNA_P
 ClientSampleId :
 DCFX3



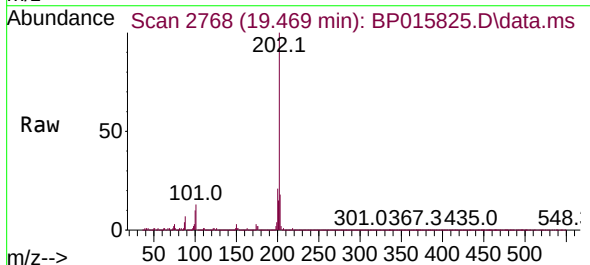
Tgt Ion:178 Resp: 274994
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.1 18.1
 176 19.8 14.6 22.0

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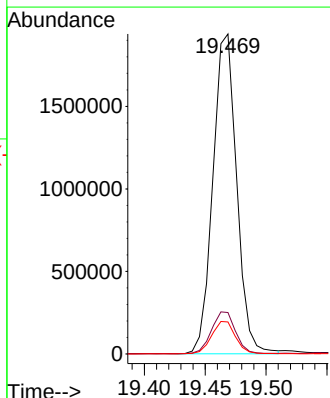
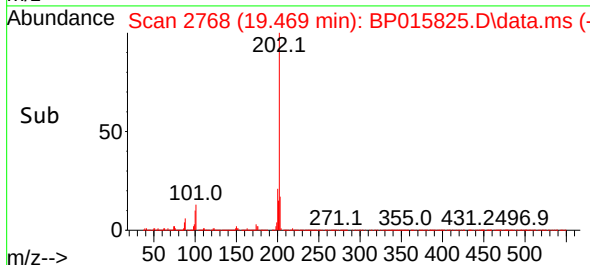
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

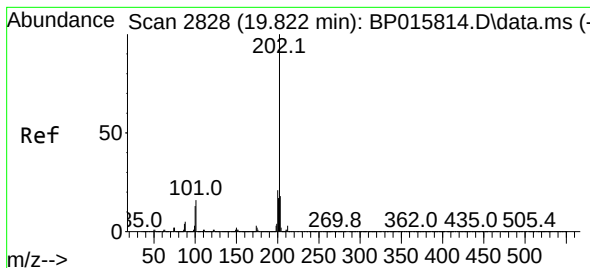


#80
 Fluoranthene
 Concen: 29.696 ng/u1
 RT: 19.469 min Scan# 2768
 Delta R.T. -0.006 min
 Lab File: BP015825.D
 Acq: 29 Jun 2023 23:44



Tgt Ion:202 Resp: 2635503
 Ion Ratio Lower Upper
 202 100
 101 13.0 8.3 12.5#
 100 10.0 6.6 9.8#





#82

Pyrene

Concen: 23.740 ng/ul

RT: 19.822 min Scan# 214922

Delta R.T. -0.006 min

Lab File: BP015825.D

Acq: 29 Jun 2023 23:44

Instrument :

BNA_P

ClientSampleId :

DCFX3

Tgt Ion:202 Resp: 214922

Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9

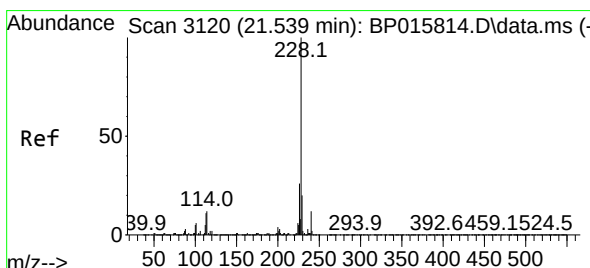
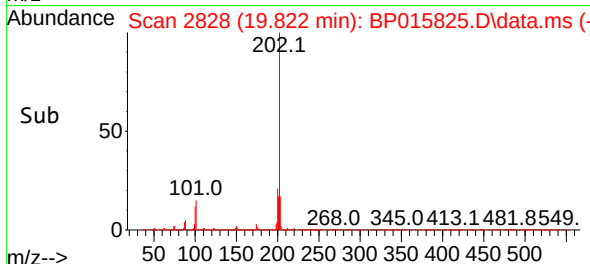
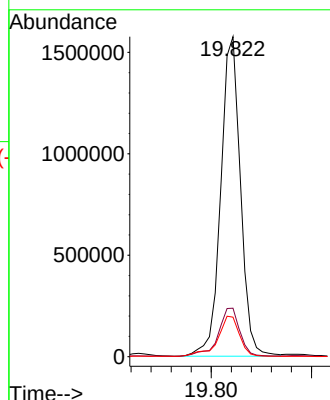
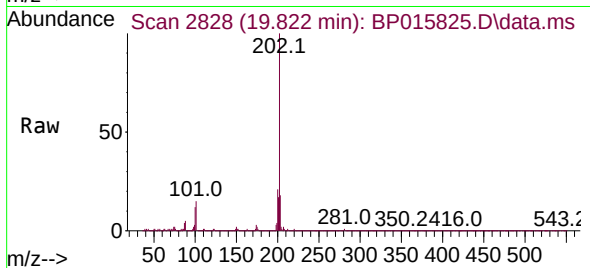
100 12.3 7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#85

Benzo(a)anthracene

Concen: 15.686 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015825.D

Acq: 29 Jun 2023 23:44

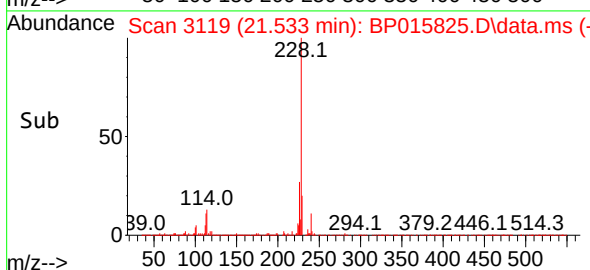
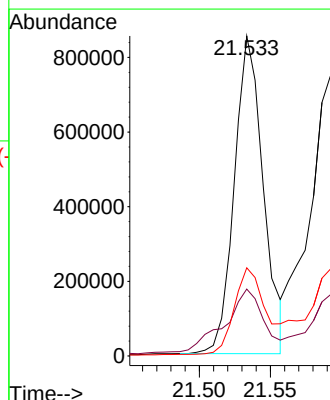
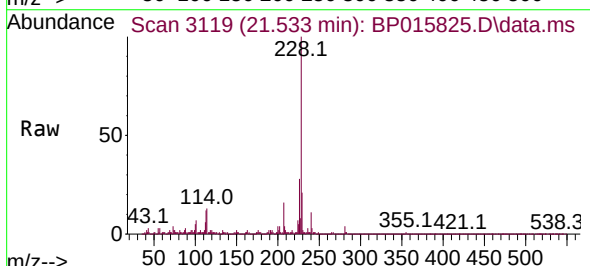
Tgt Ion:228 Resp: 1206766

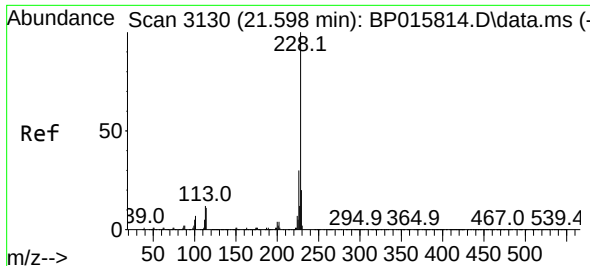
Ion Ratio Lower Upper

228 100

229 20.9 15.3 22.9

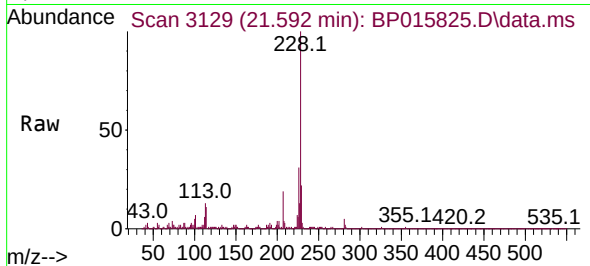
226 27.6 21.4 32.0





#87
Chrysene
Concen: 16.555 ng/ul
RT: 21.592 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44

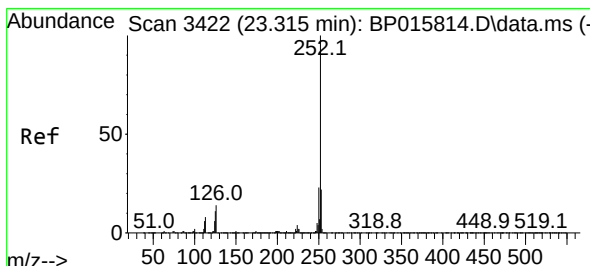
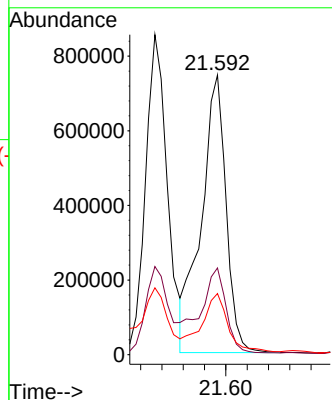
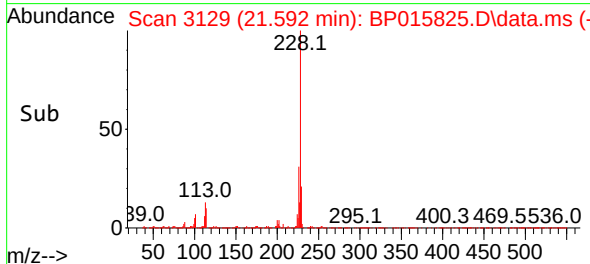
Instrument :
BNA_P
ClientSampleId :
DCFX3



Tgt Ion:228 Resp: 120832
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.8 15.5 23.3

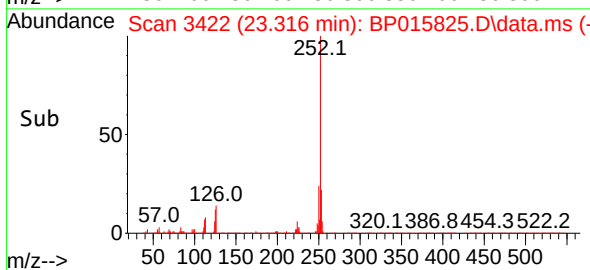
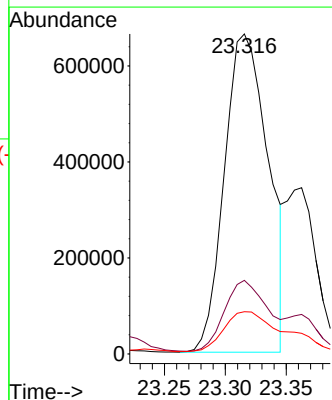
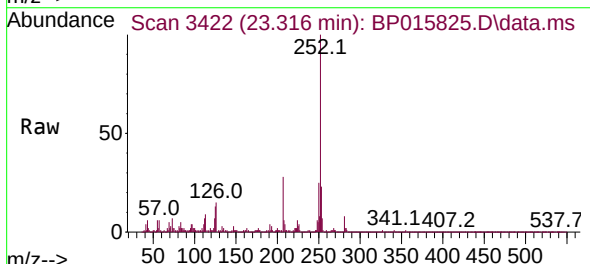
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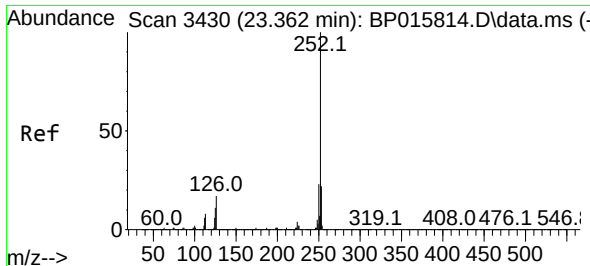
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(b)fluoranthene
Concen: 23.690 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44

Tgt Ion:252 Resp: 1661395
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 13.2 7.5 11.3





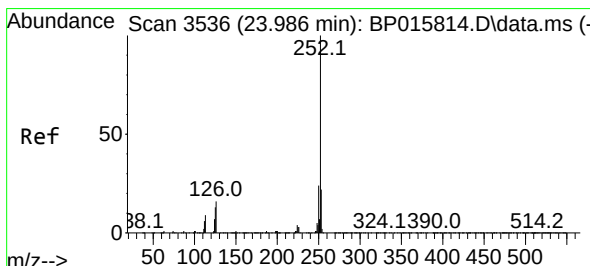
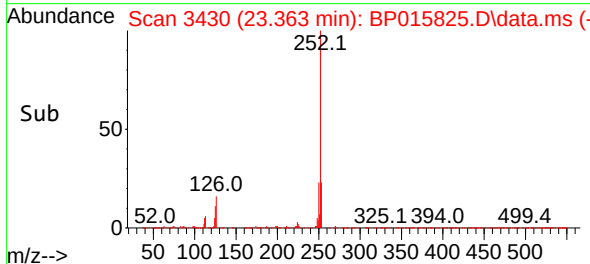
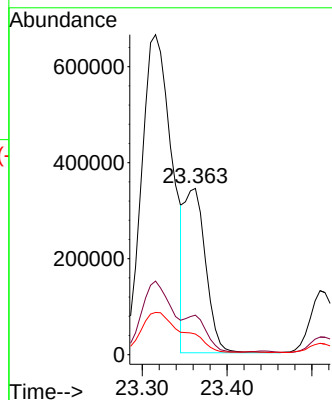
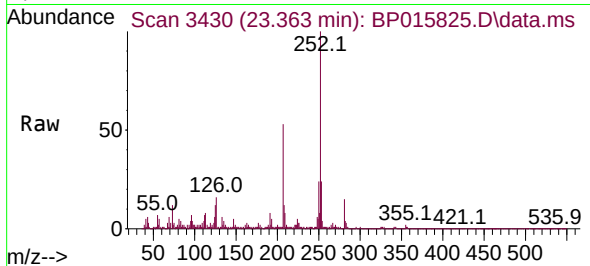
#91
Benzo(k)fluoranthene
Concen: 8.370 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44

Instrument :
BNA_P
ClientSampleId :
DCFX3

Tgt Ion:252 Resp: 593102
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 12.4 7.3 10.9

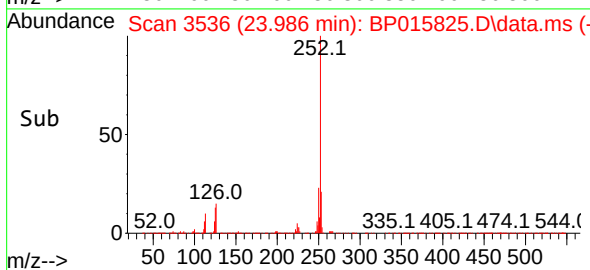
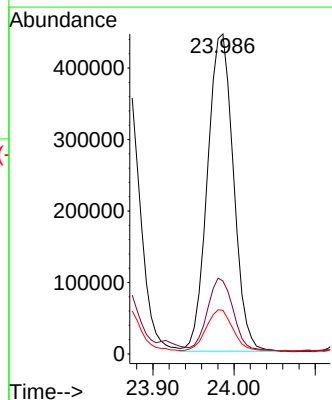
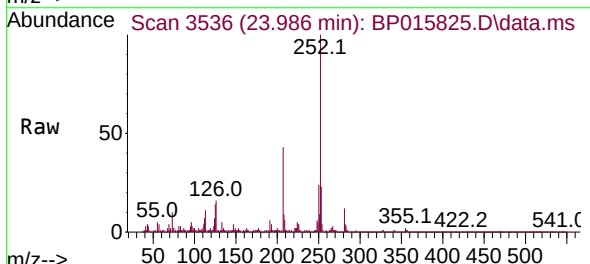
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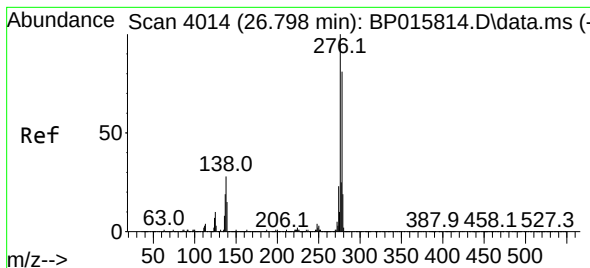
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#93
Benzo(a)pyrene
Concen: 16.120 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015825.D
Acq: 29 Jun 2023 23:44

Tgt Ion:252 Resp: 987863
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.6 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.623 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015825.D

Acq: 29 Jun 2023 23:44

Instrument :

BNA_P

ClientSampleId :

DCFX3

Tgt Ion:276 Resp: 800530

Ion Ratio Lower Upper

276 100

138 23.5 15.7 23.5

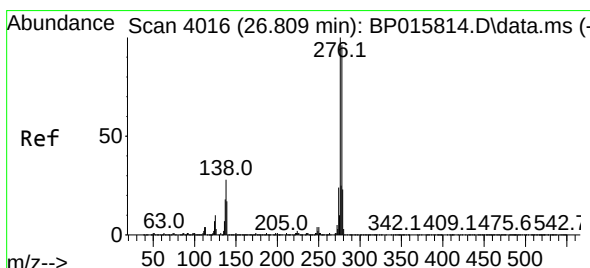
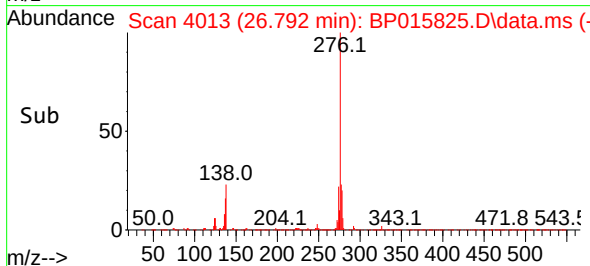
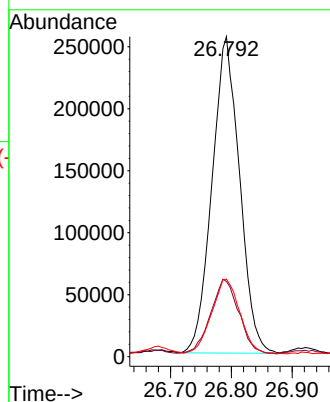
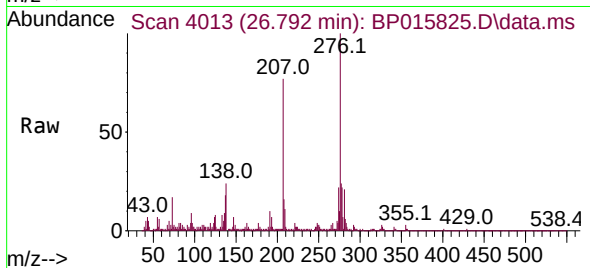
277 24.3 19.6 29.4

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 3.303 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.024 min

Lab File: BP015825.D

Acq: 29 Jun 2023 23:44

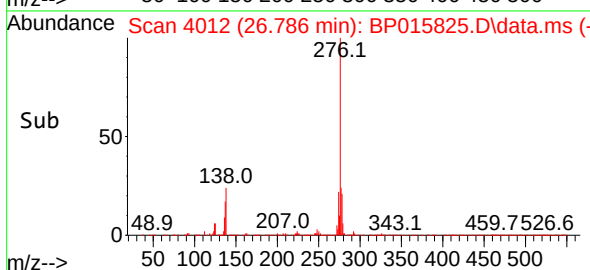
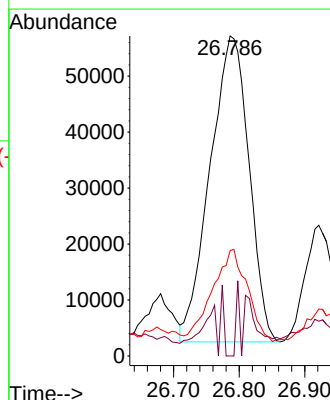
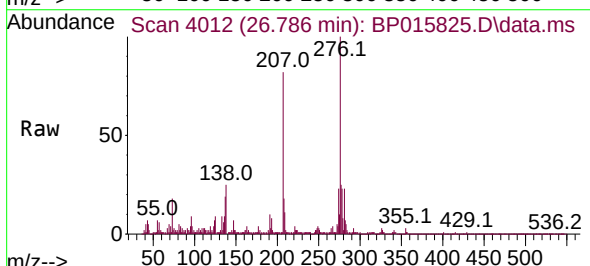
Tgt Ion:278 Resp: 225667

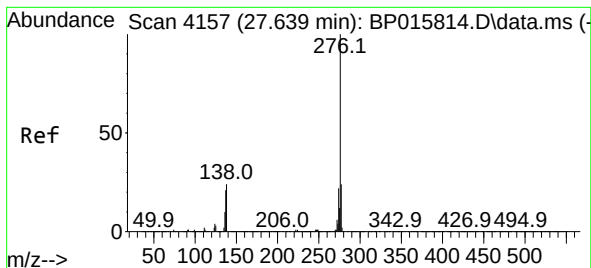
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 32.9 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 9.976 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. -0.006 min

Lab File: BP015825.D

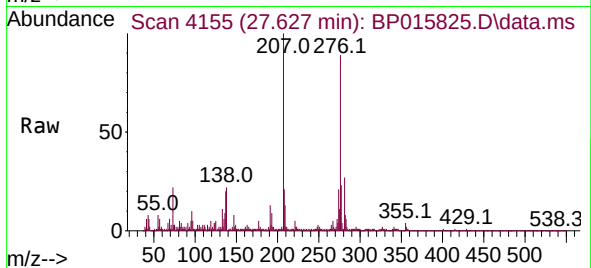
Acq: 29 Jun 2023 23:44

Instrument :

BNA_P

ClientSampleId :

DCFX3



Tgt Ion:276 Resp: 682745

Ion Ratio Lower Upper

276 100

138 24.1 15.1 22.7

277 25.2 18.8 28.2

Manual Integrations

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