

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015826.D
 Acq On : 30 Jun 2023 00:17
 Operator : MA/JU
 Sample : 03161-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 DCFX4

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

Quant Time: Jun 30 02:03:44 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	8.051	152	256884	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1089176	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	649502	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1374691	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	963486	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1031604	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25731	3.604	ng/uL	0.00
4) Pyridine-d5	3.828	84	277097	15.396	ng/ul	0.00
7) Phenol-d5	7.234	99	473740	21.554	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	327267	24.067	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	388095	23.391	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	221761	12.772	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	192648	23.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	211058	21.725	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	337004	19.466	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	158015	7.105	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1214146	24.185	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1383703	24.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.974	143	143321	21.634	ng/ul	0.02
60) Fluorene-d10	15.698	176	1035249	25.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	126657	14.981	ng/ul	0.00
73) Anthracene-d10	17.563	188	1558370	24.817	ng/ul	0.00
81) Pyrene-d10	19.792	212	1696984	26.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1316812	25.304	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.934	128	78505	1.326	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	49928	1.281	ng/ul	98
50) Acenaphthylene	14.427	152	265351	4.267	ng/ul	100
52) Acenaphthene	14.769	153	54957	1.275	ng/ul	99
61) Fluorene	15.757	166	81003	1.668	ng/ul	94
72) Phenanthrene	17.510	178	1691346	22.648	ng/ul	100
74) Anthracene	17.604	178	389032	5.184	ng/ul	98
80) Fluoranthene	19.468	202	3856097	49.318	ng/ul#	94
82) Pyrene	19.821	202	3045199	38.180	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	1657591	24.457	ng/ul	97
87) Chrysene	21.592	228	1645777	25.594	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	2209786	33.338	ng/ul#	95
91) Benzo(k)fluoranthene	23.356	252	799339m	11.935	ng/ul	
93) Benzo(a)pyrene	23.986	252	1371612	23.682	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.791	276	1090611	13.871	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.791	278	307883	4.767	ng/ul#	77
96) Benzo(g,h,i)perylene	27.633	276	925209	14.304	ng/ul#	94

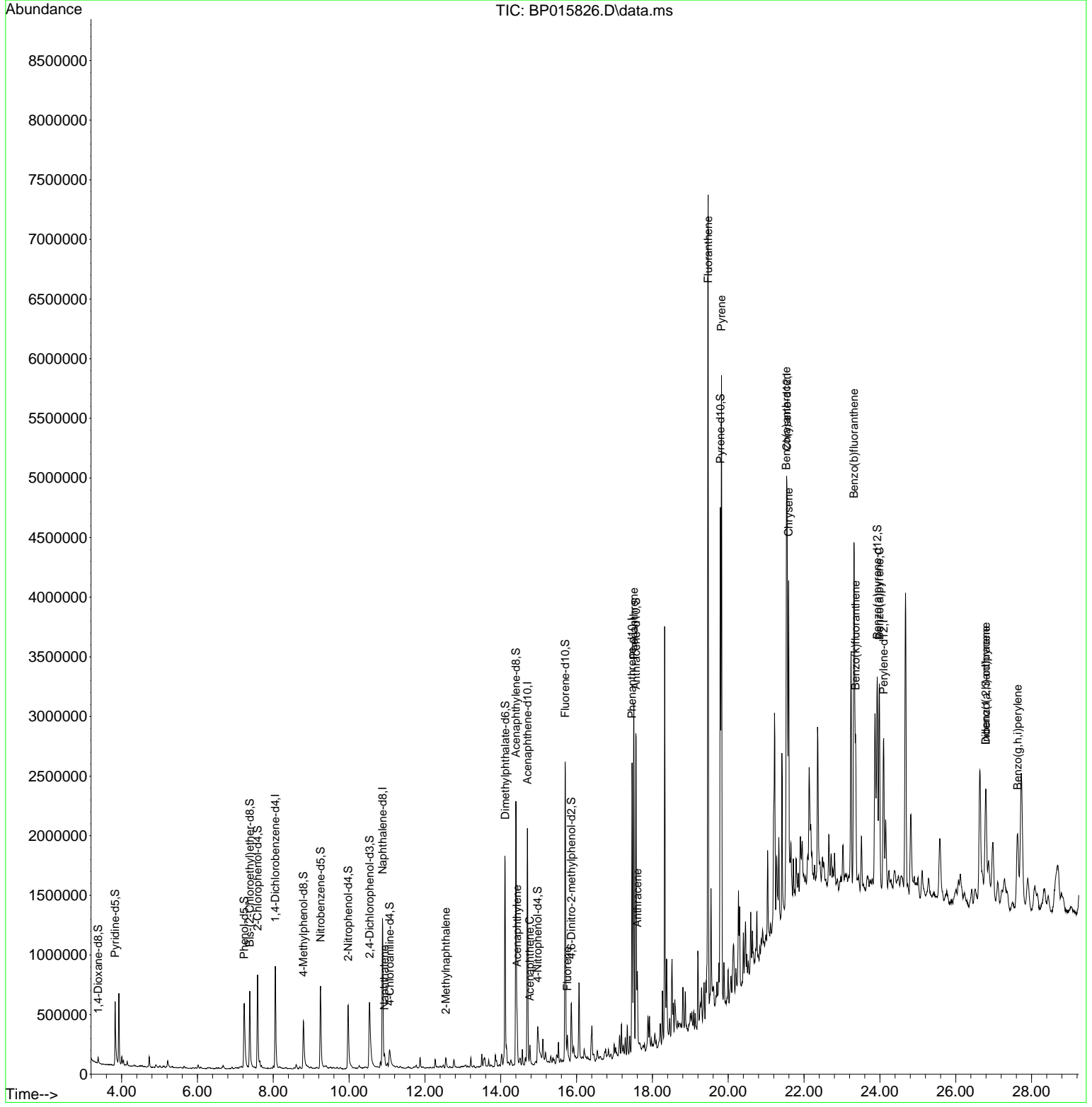
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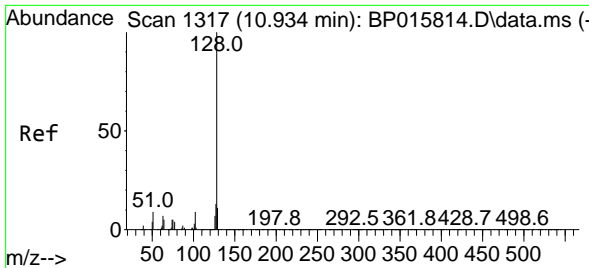
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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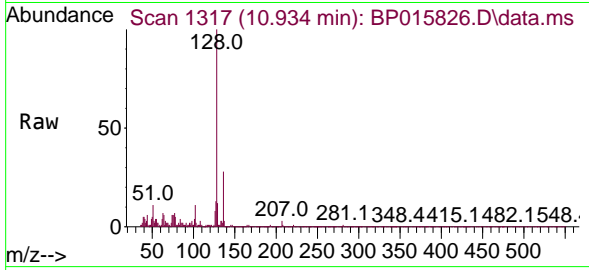
#30
 Naphthalene
 Concen: 1.326 ng/u1
 RT: 10.934 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

Instrument :

BNA_P

Client Sample Id :

DCFX4



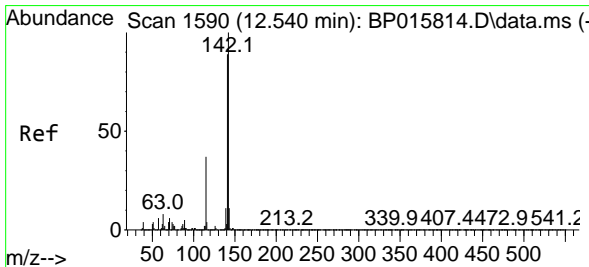
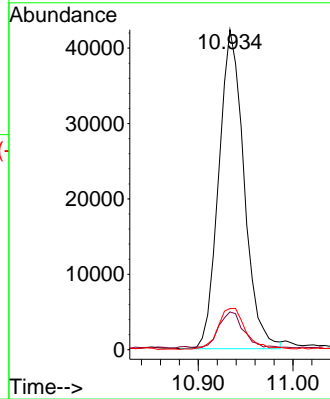
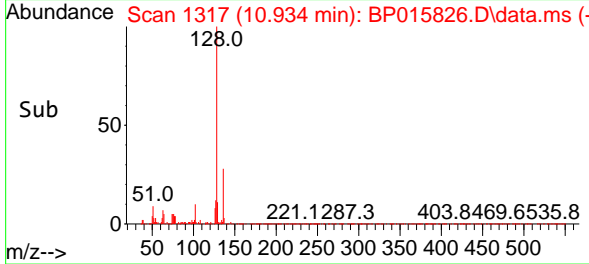
Tgt Ion:128 Resp: 7850
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.6 12.8
 127 12.9 10.3 15.5

Manual Integrations

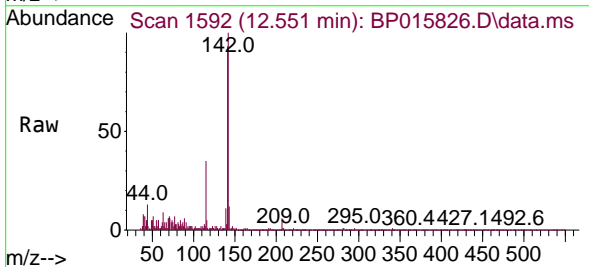
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Reviewed By :Yogesh Patel 06/30/2023

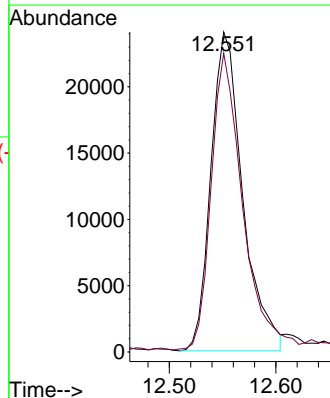
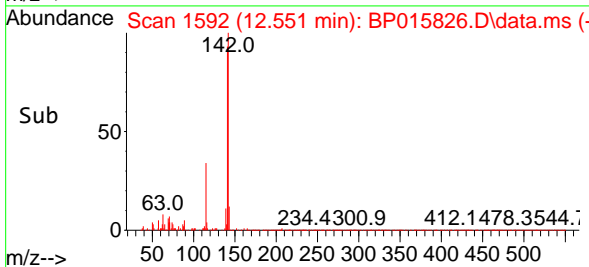
Supervised By :mohammad ahmed 06/30/2023

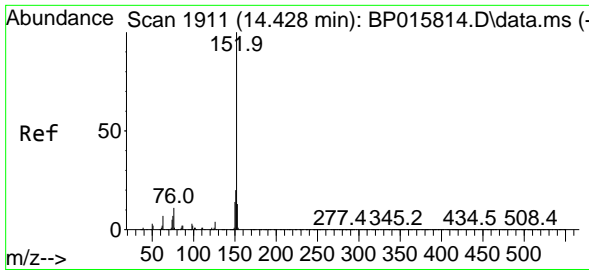


#36
 2-Methylnaphthalene
 Concen: 1.281 ng/u1
 RT: 12.551 min Scan# 1592
 Delta R.T. 0.011 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



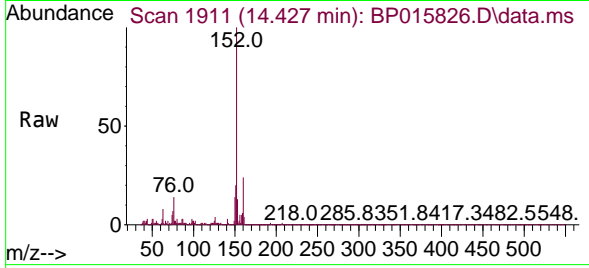
Tgt Ion:142 Resp: 49928
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.2 109.8





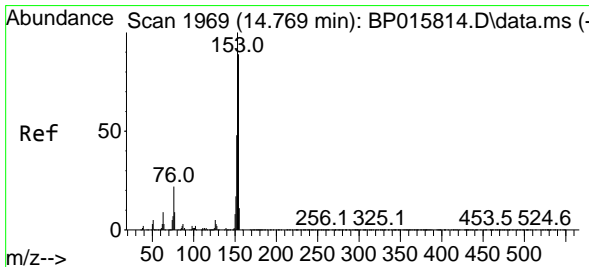
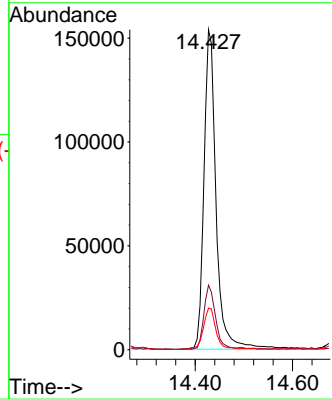
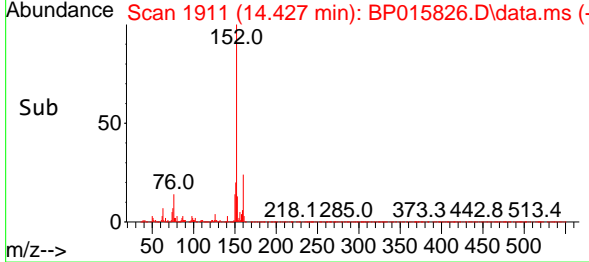
#50
 Acenaphthylene
 Concen: 4.267 ng/u1
 RT: 14.427 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

Instrument : BNA_P
 Client Sample Id : DCFX4

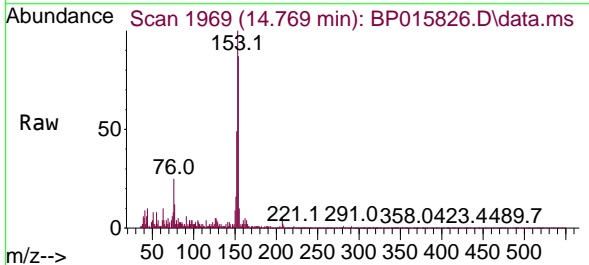


Tgt Ion:152 Resp: 26535
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.2
 153 13.0 10.5 15.7

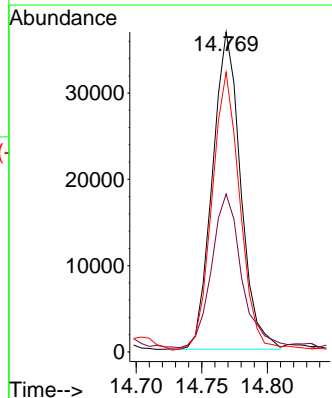
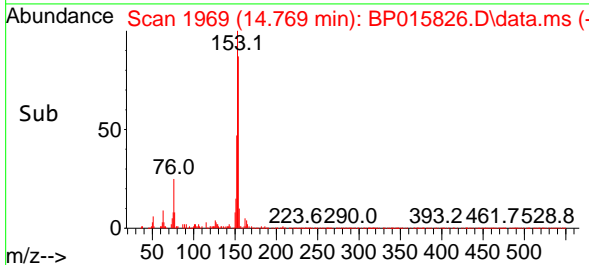
Manual Integrations
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 Supervised By :mohammad ahmed 06/30/2023

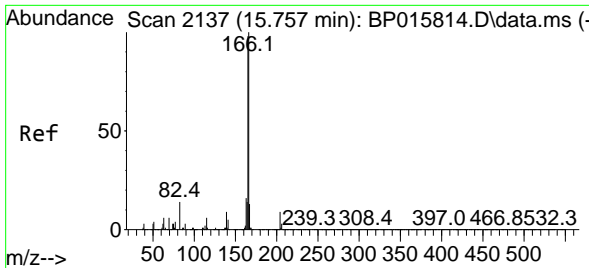


#52
 Acenaphthene
 Concen: 1.275 ng/u1
 RT: 14.769 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



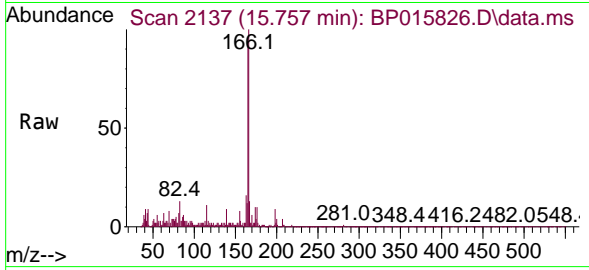
Tgt Ion:153 Resp: 54957
 Ion Ratio Lower Upper
 153 100
 152 49.3 39.4 59.2
 154 87.4 71.4 107.2





#61
 Fluorene
 Concen: 1.668 ng/u1
 RT: 15.757 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

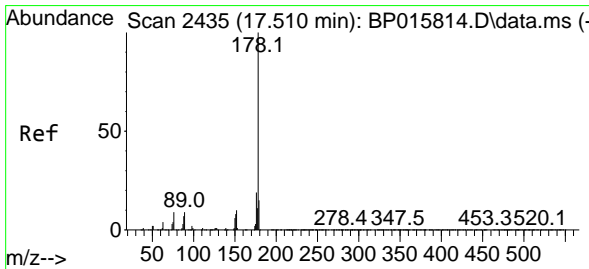
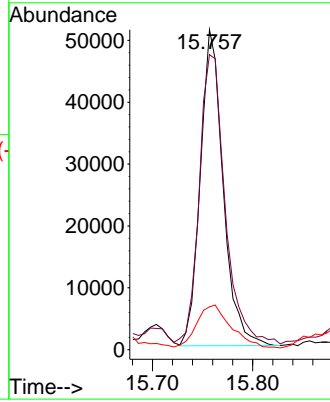
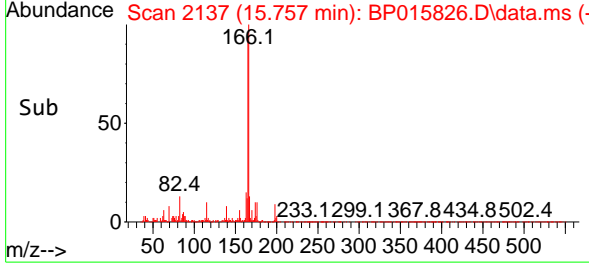
Instrument : BNA_P
 Client SampleId : DCFX4



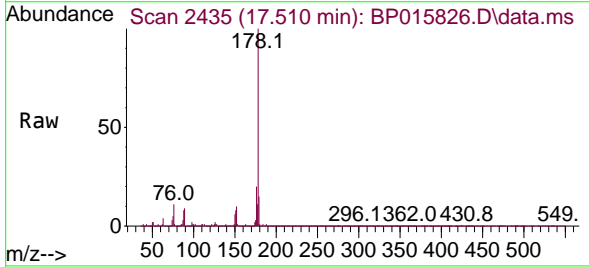
Tgt Ion:166 Resp: 81000
 Ion Ratio Lower Upper
 166 100
 165 92.2 78.7 118.1
 167 13.4 10.5 15.7

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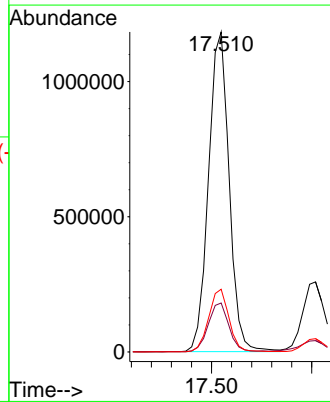
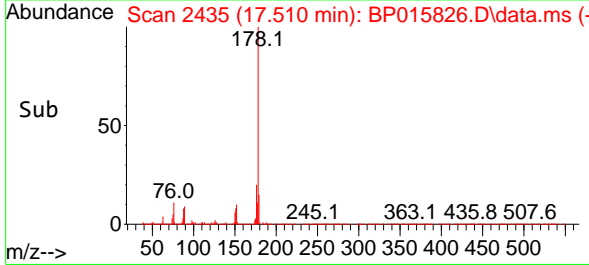
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

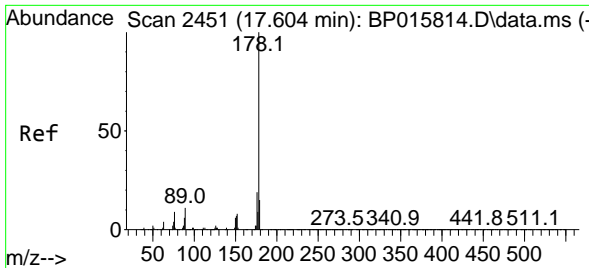


#72
 Phenanthrene
 Concen: 22.648 ng/u1
 RT: 17.510 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



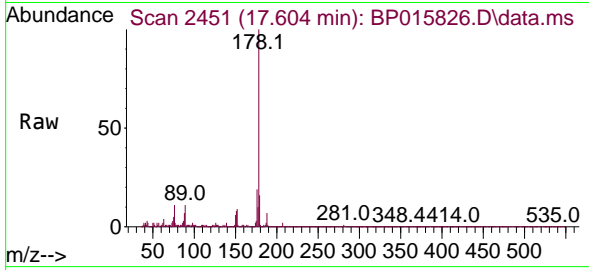
Tgt Ion:178 Resp: 1691346
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 19.6 15.6 23.4





#74
 Anthracene
 Concen: 5.184 ng/uI
 RT: 17.604 min Scan# 2451
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

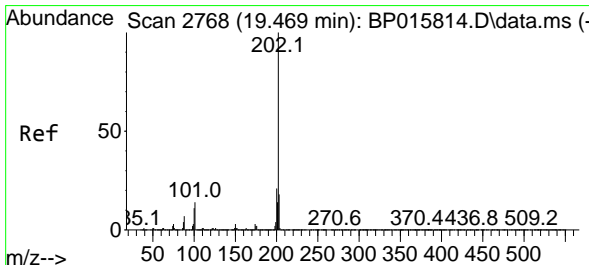
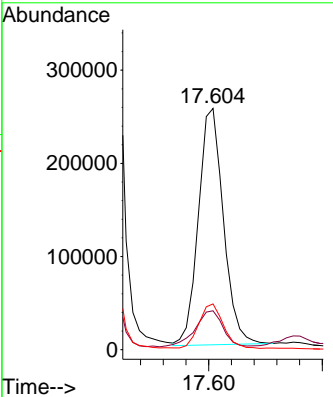
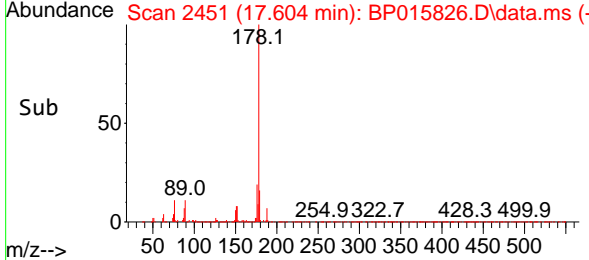
Instrument : BNA_P
 Client SampleId : DCFX4



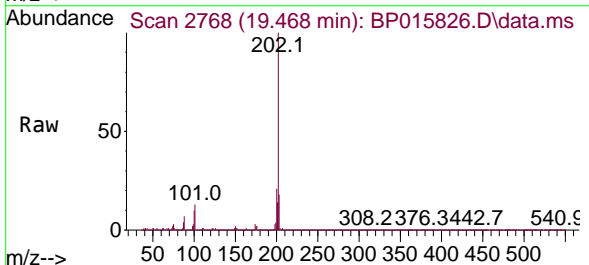
Tgt Ion: 178 Resp: 38903

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.1	18.1
176	19.0	14.6	22.0

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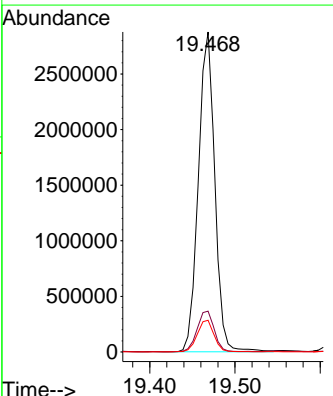
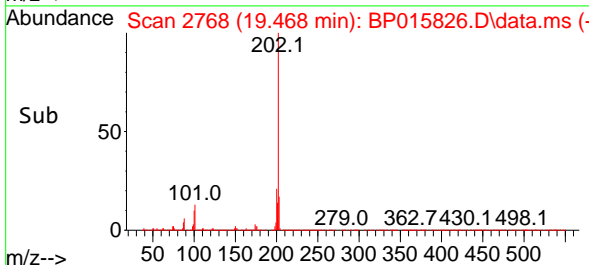


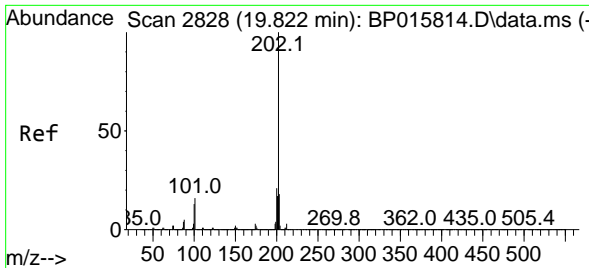
#80
 Fluoranthene
 Concen: 49.318 ng/uI
 RT: 19.468 min Scan# 2768
 Delta R.T. -0.006 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



Tgt Ion: 202 Resp: 3856097

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.3	12.5#
100	9.9	6.6	9.8#





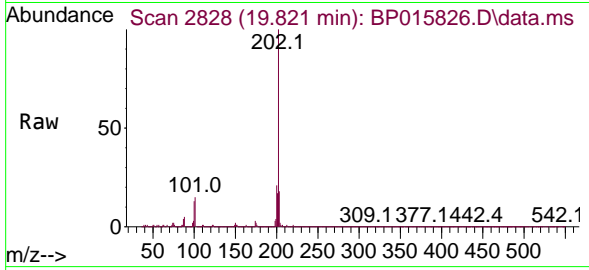
#82
 Pyrene
 Concen: 38.180 ng/u1
 RT: 19.821 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

Instrument :

BNA_P

Client SampleId :

DCF4



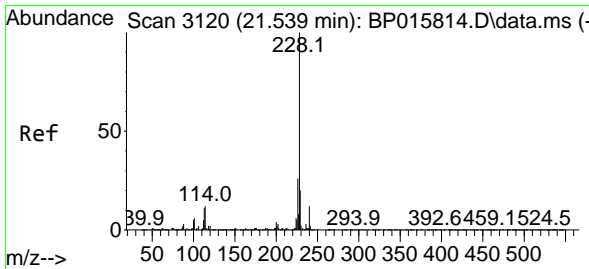
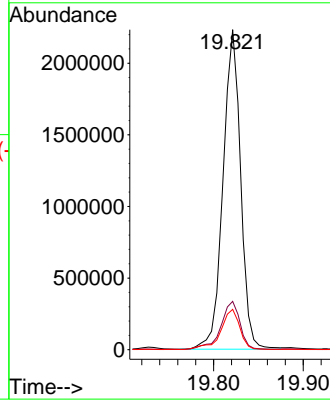
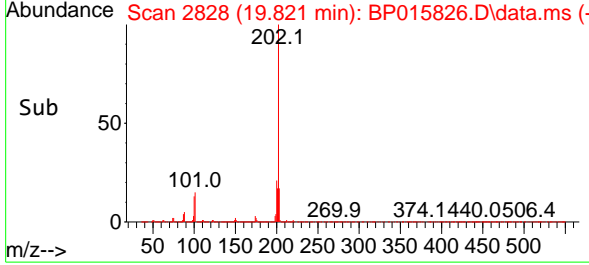
Tgt Ion:202 Resp: 3045199
 Ion Ratio Lower Upper
 202 100
 101 15.1 9.3 13.9
 100 12.6 7.6 11.4

Manual Integrations

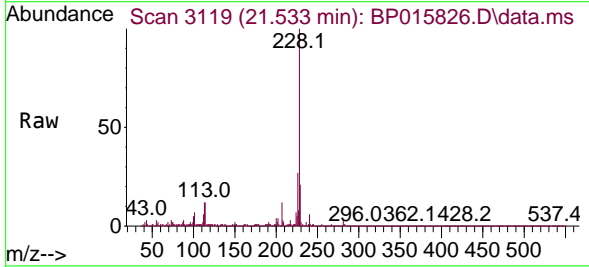
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Reviewed By :Yogesh Patel 06/30/2023

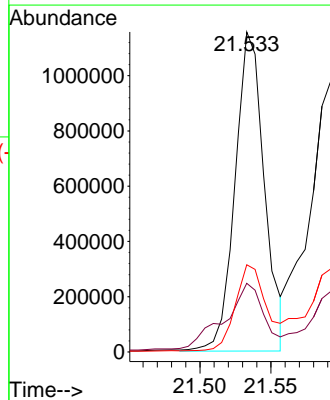
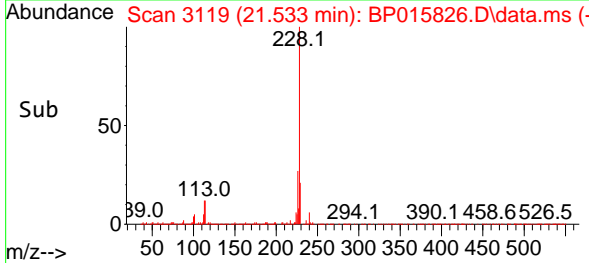
Supervised By :mohammad ahmed 06/30/2023

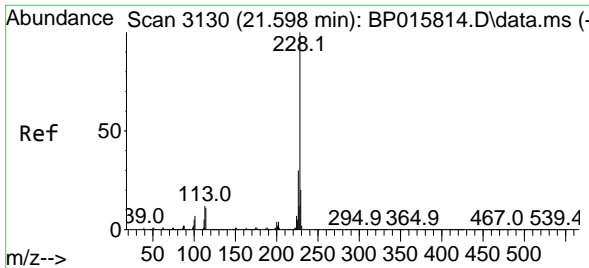


#85
 Benzo(a)anthracene
 Concen: 24.457 ng/u1
 RT: 21.533 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



Tgt Ion:228 Resp: 1657591
 Ion Ratio Lower Upper
 228 100
 229 21.5 15.3 22.9
 226 27.2 21.4 32.0





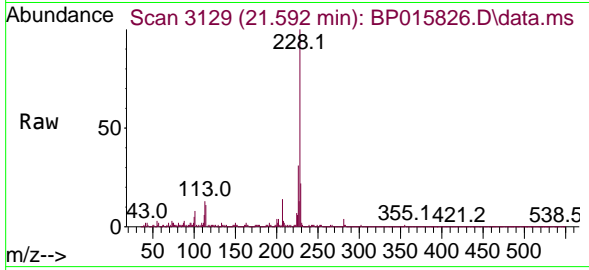
#87
 Chrysene
 Concen: 25.594 ng/u1
 RT: 21.592 min Scan# 3129
 Delta R.T. -0.006 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

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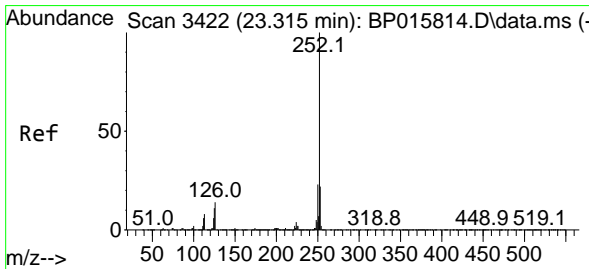
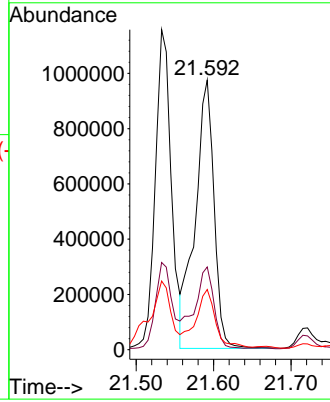
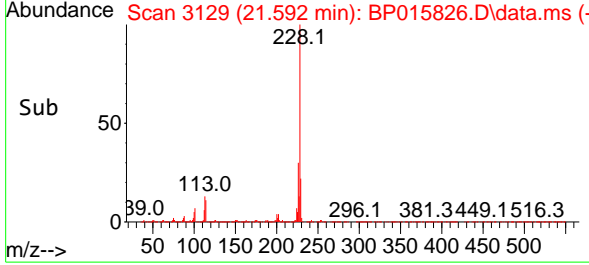
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 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 22.3 15.5 23.3

Manual Integrations

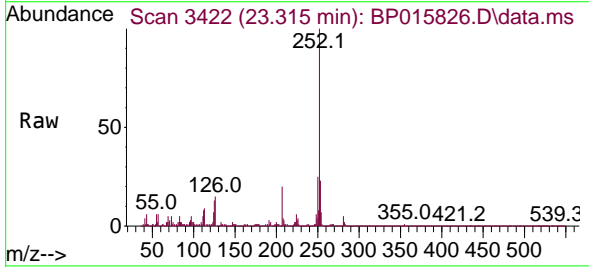
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

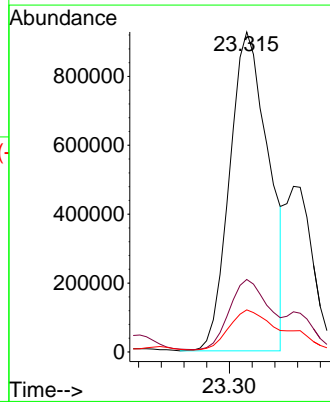
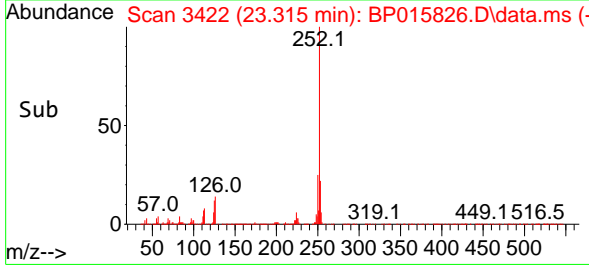
Supervised By :mohammad ahmed 06/30/2023

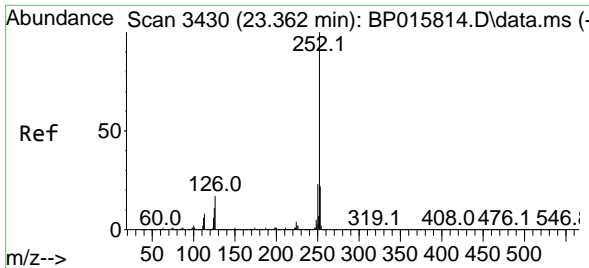


#90
 Benzo(b)fluoranthene
 Concen: 33.338 ng/u1
 RT: 23.315 min Scan# 3422
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



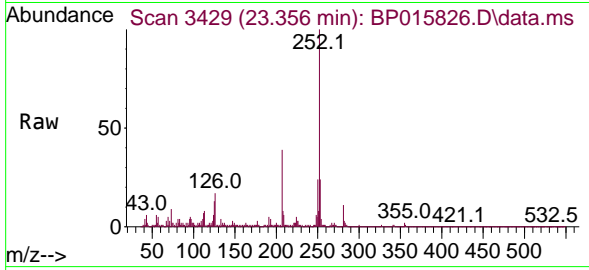
Tgt Ion:252 Resp: 2209786
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.3 25.9
 125 13.2 7.5 11.3#





#91
 Benzo(k)fluoranthene
 Concen: 11.935 ng/ul m
 RT: 23.356 min Scan# 3429
 Delta R.T. -0.012 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

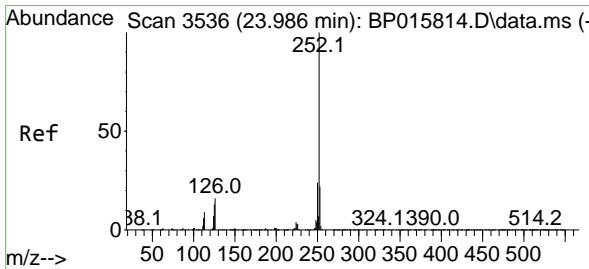
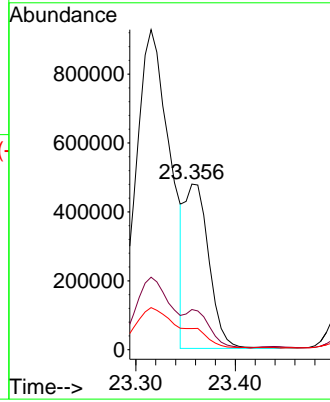
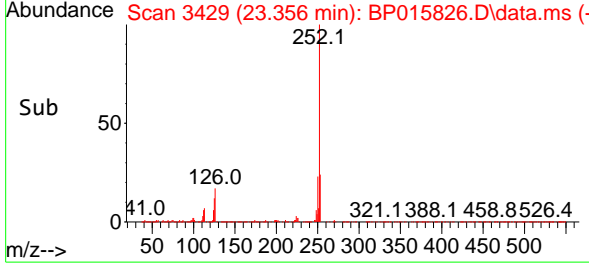
Instrument :
 BNA_P
 ClientSampleId :
 DCFX4



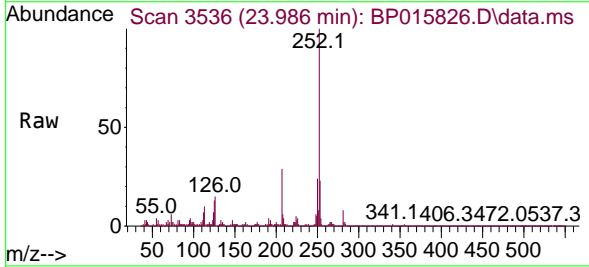
Tgt Ion:252 Resp: 799339
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.0 25.4
 125 12.7 7.3 10.9

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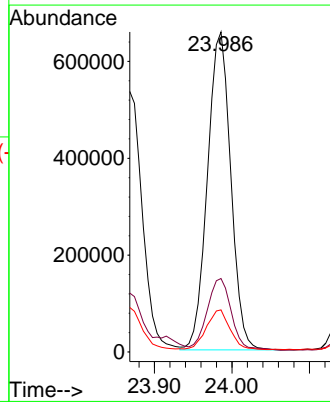
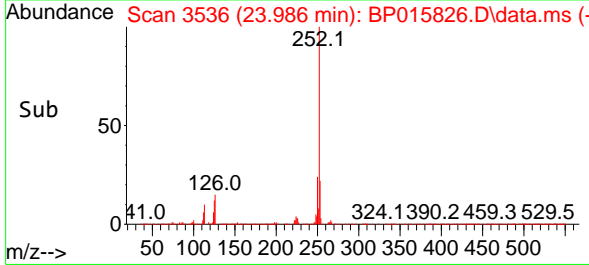
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

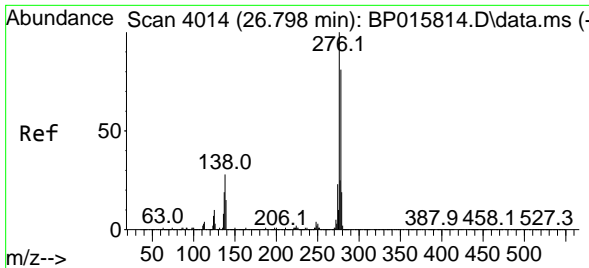


#93
 Benzo(a)pyrene
 Concen: 23.682 ng/ul
 RT: 23.986 min Scan# 3536
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



Tgt Ion:252 Resp: 1371612
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.7 26.5
 125 13.2 8.2 12.2#





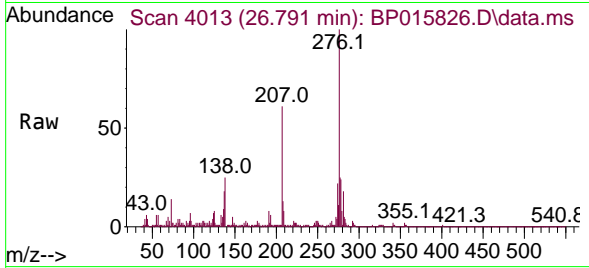
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 13.871 ng/uI
 RT: 26.791 min Scan# 4013
 Delta R.T. -0.006 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

Instrument :

BNA_P

Client SampleId :

DCFX4



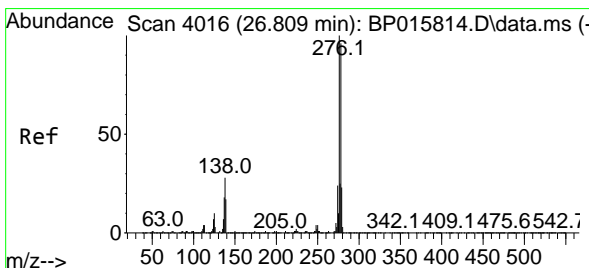
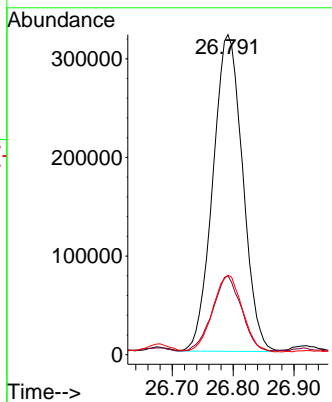
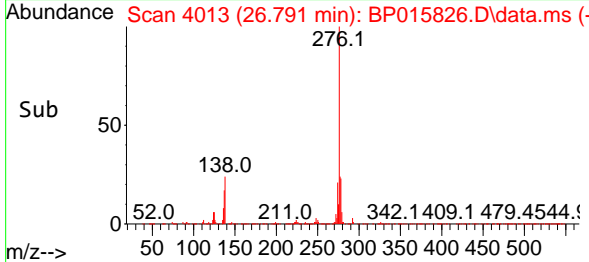
Tgt Ion: 276 Resp: 109061
 Ion Ratio Lower Upper
 276 100
 138 24.6 15.7 23.5#
 277 24.9 19.6 29.4#

Manual Integrations

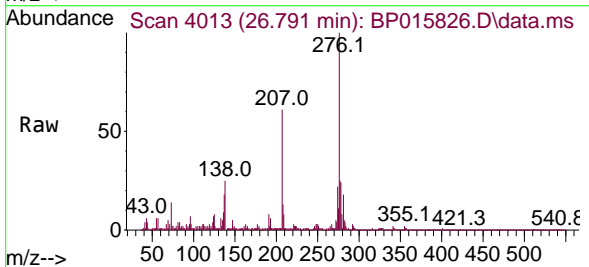
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

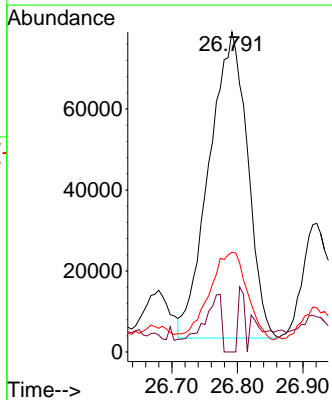
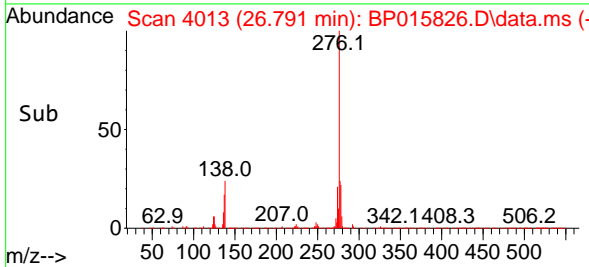
Supervised By :mohammad ahmed 06/30/2023

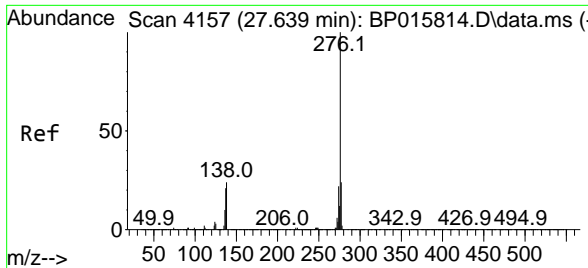


#95
 Dibenzo(a,h)anthracene
 Concen: 4.767 ng/uI
 RT: 26.791 min Scan# 4013
 Delta R.T. -0.018 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17



Tgt Ion: 278 Resp: 307883
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 31.1 18.4 27.6#





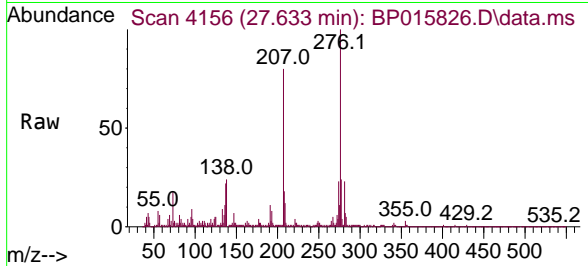
#96
 Benzo(g,h,i)perylene
 Concen: 14.304 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.000 min
 Lab File: BP015826.D
 Acq: 30 Jun 2023 00:17

Instrument :

BNA_P

ClientSampleId :

DCFX4



Tgt Ion: 276 Resp: 925209

Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.1	22.7
277	24.2	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023

