

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015614.D
 Acq On : 19 Jun 2023 21:10
 Operator : MA/JU
 Sample : 03080-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 19 23:54:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	147944	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	645621	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	413514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	881851	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	590470	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	665563	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	16715	4.184	ng/uL	0.00
4) Pyridine-d5	3.852	84	179882	17.334	ng/u1	0.00
7) Phenol-d5	7.246	99	431337	31.647	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	265706	32.643	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	352805	35.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	335629	30.004	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	182613	36.027	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	209996	36.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	362329	34.314	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	153632	10.136	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	1139279	34.939	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	1309061	36.714	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	136932	23.450	ng/u1	0.02
60) Fluorene-d10	15.722	176	977539	35.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	105447	18.875	ng/u1	0.00
73) Anthracene-d10	17.587	188	1497352	37.319	ng/u1	0.00
81) Pyrene-d10	19.810	212	1518983	48.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1243135	37.225	ng/u1	0.01
Target Compounds	Qvalue					
30) Naphthalene	10.963	128	65367	1.868	ng/u1	96
50) Acenaphthylene	14.457	152	261863	6.632	ng/u1	100
52) Acenaphthene	14.793	153	39648	1.453	ng/u1	98
61) Fluorene	15.775	166	39368	1.248	ng/u1	93
72) Phenanthrene	17.528	178	1160747	24.528	ng/u1	99
74) Anthracene	17.622	178	361392	7.526	ng/u1	99
80) Fluoranthene	19.486	202	3624400	94.151	ng/u1	98
82) Pyrene	19.839	202	3318426	83.322	ng/u1	98
85) Benzo(a)anthracene	21.557	228	1803489	43.691	ng/u1	96
87) Chrysene	21.610	228	2066730	52.970	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	4151903	96.641	ng/u1	98
91) Benzo(k)fluoranthene	23.392	252	1171448m	28.207	ng/u1	
93) Benzo(a)pyrene	24.021	252	2588358	69.103	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	2343785	48.350	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.851	278	592446	15.001	ng/u1#	80
96) Benzo(g,h,i)perylene	27.692	276	2199136	55.049	ng/u1	97

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

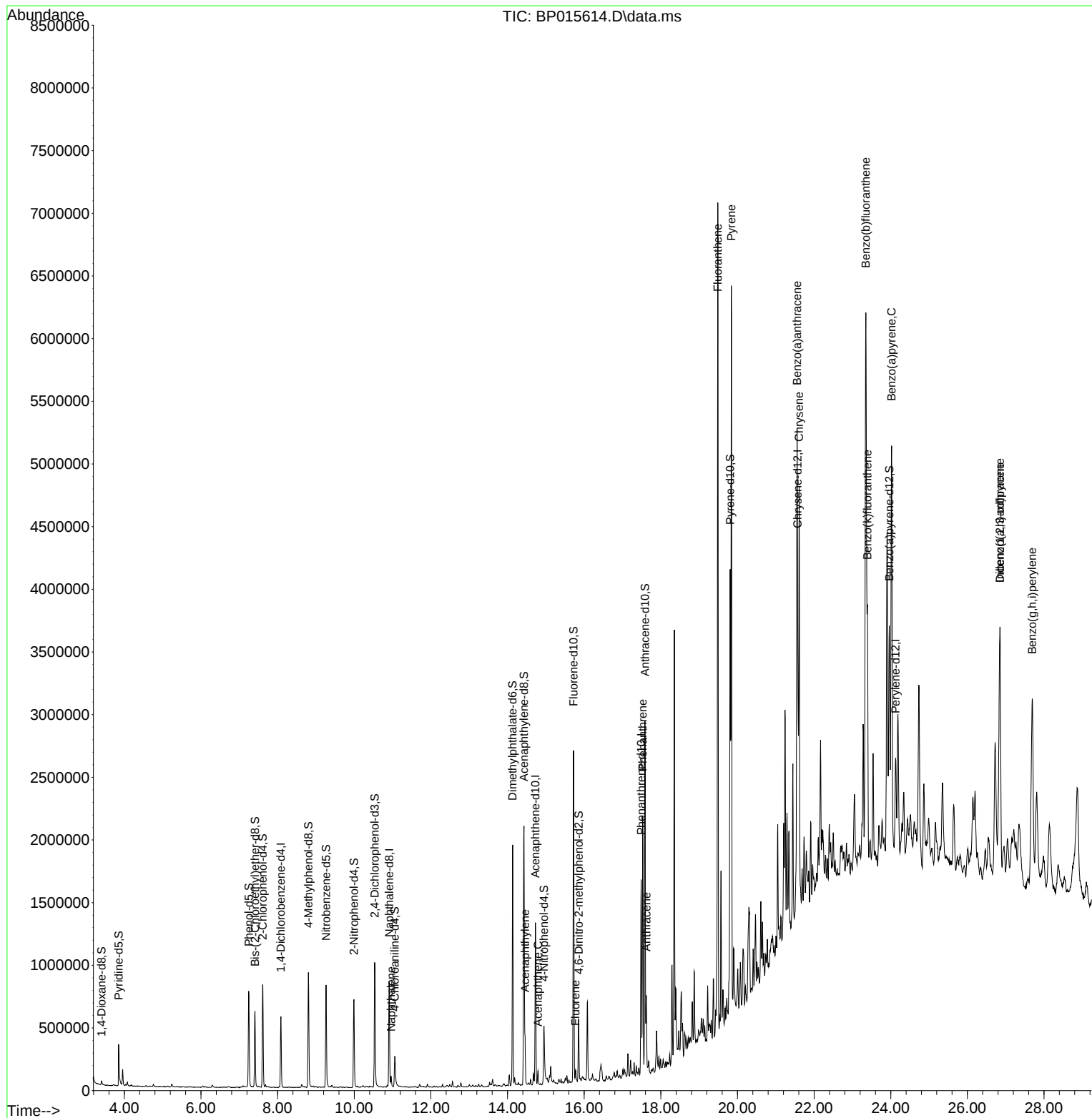
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015614.D
Acq On : 19 Jun 2023 21:10
Operator : MA/JU
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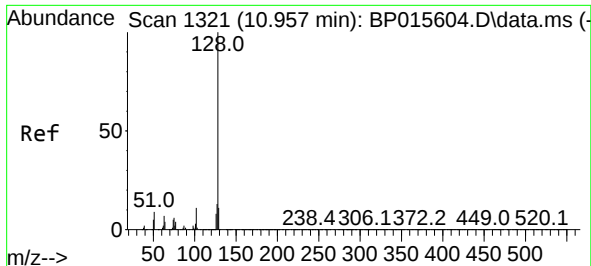
Instrument :
BNA_P
ClientSampleId :
DCFJ3

Quant Time: Jun 19 23:54:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/21/2023





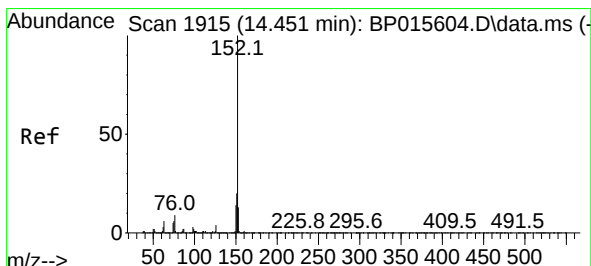
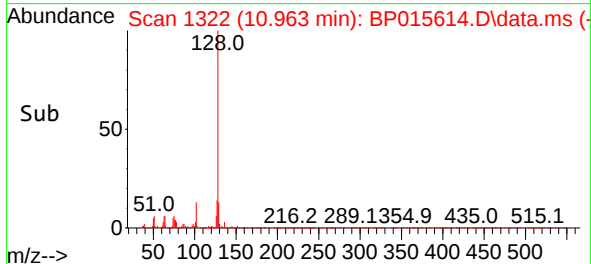
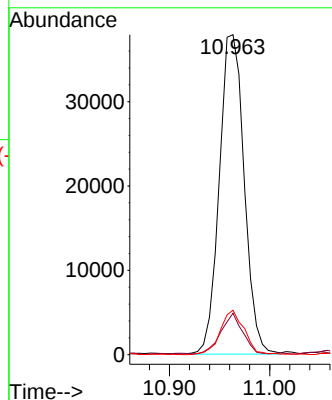
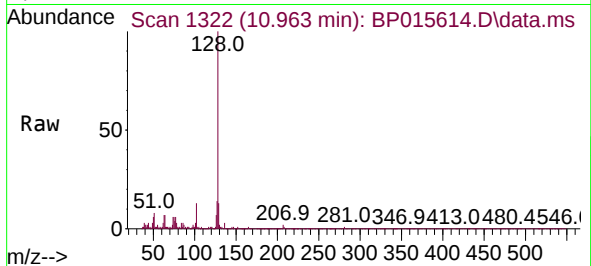
#30
Naphthalene
Concen: 1.868 ng/ul
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Instrument :
BNA_P
ClientSampleId :
DCFJ3

Tgt Ion:128 Resp: 6536
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0
127 13.9 10.5 15.7

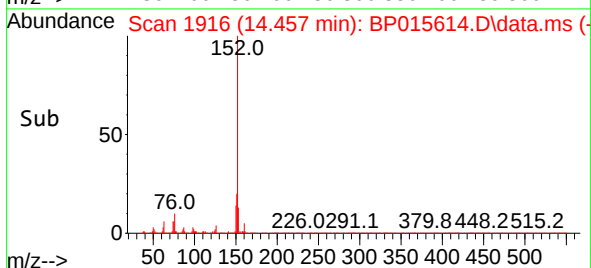
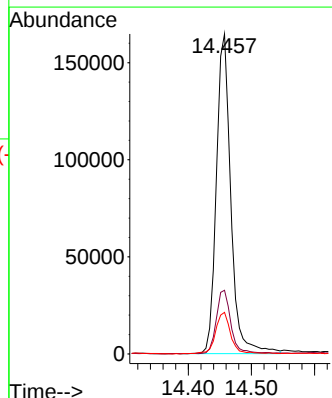
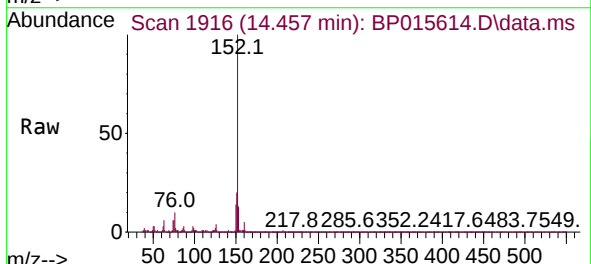
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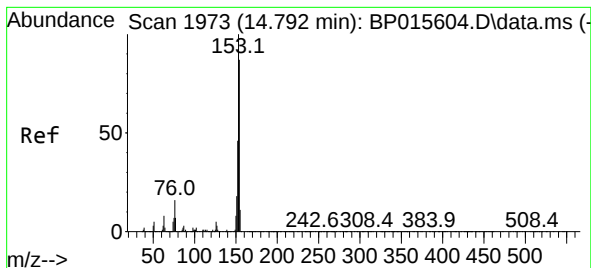
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#50
Acenaphthylene
Concen: 6.632 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

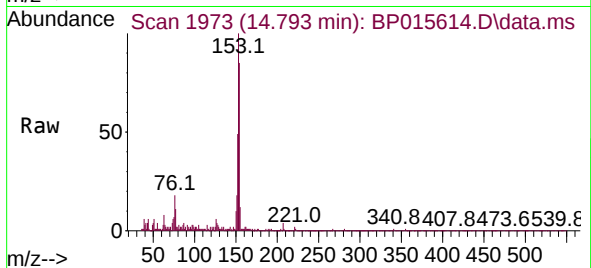
Tgt Ion:152 Resp: 261863
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.6 15.8





#52
Acenaphthene
Concen: 1.453 ng/ul
RT: 14.793 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

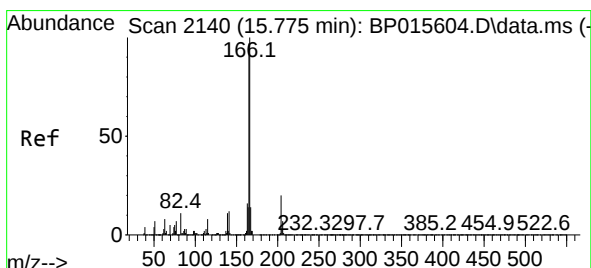
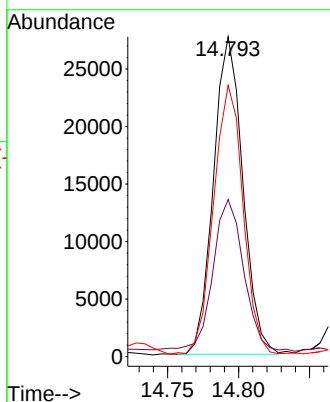
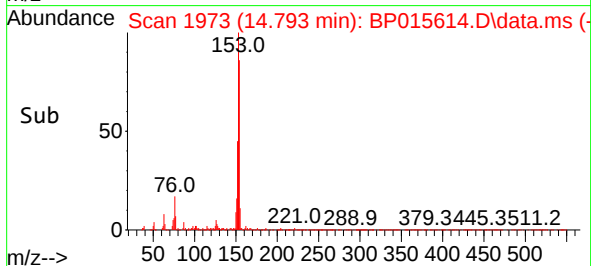
Instrument :
BNA_P
ClientSampleId :
DCFJ3



Tgt Ion:153 Resp: 39648
Ion Ratio Lower Upper
153 100
152 49.1 38.3 57.5
154 84.8 69.8 104.6

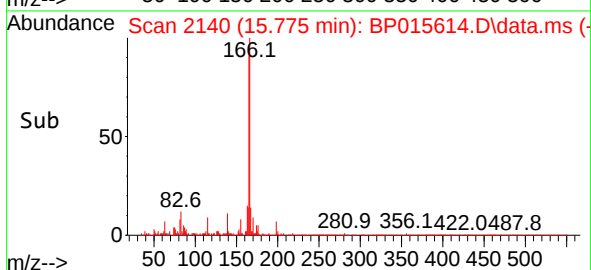
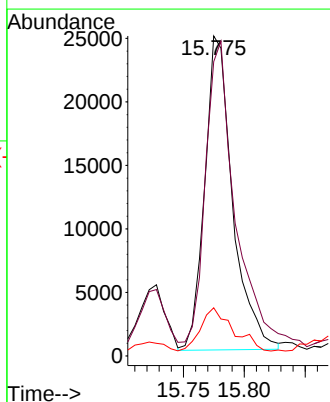
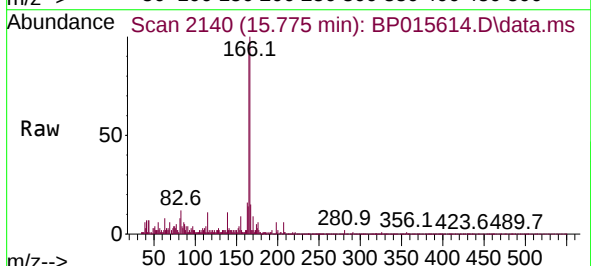
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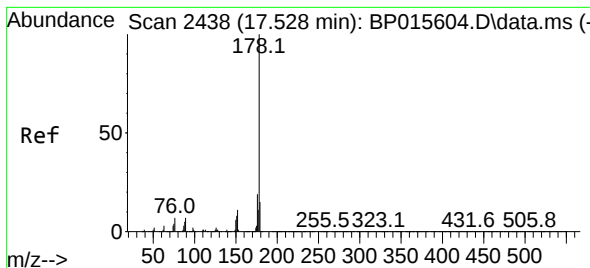
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#61
Fluorene
Concen: 1.248 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Tgt Ion:166 Resp: 39368
Ion Ratio Lower Upper
166 100
165 92.0 79.1 118.7
167 15.0 10.6 16.0





#72

Phenanthrene

Concen: 24.528 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCFJ3

Tgt Ion:178 Resp: 116074

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

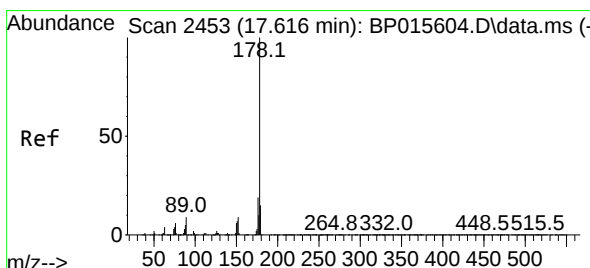
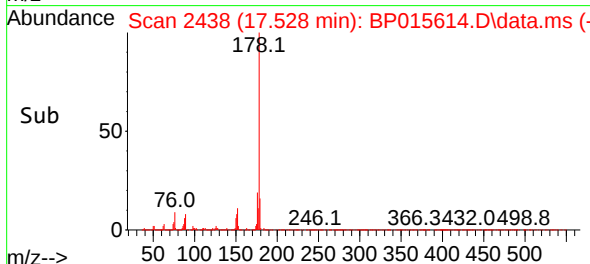
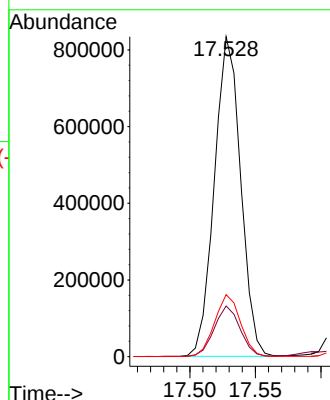
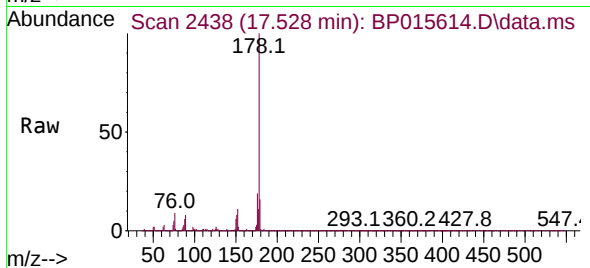
176 19.4 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#74

Anthracene

Concen: 7.526 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

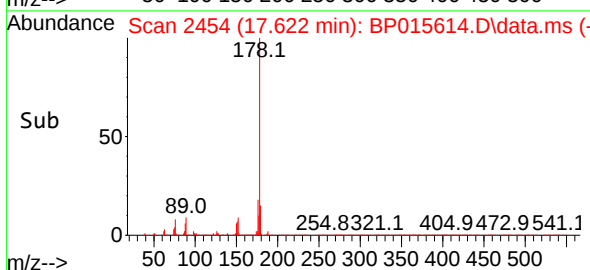
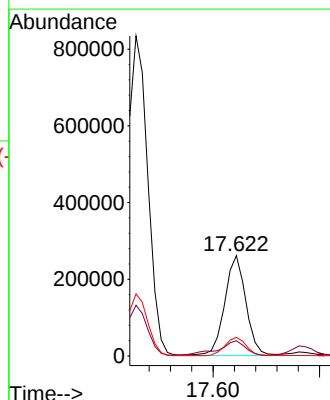
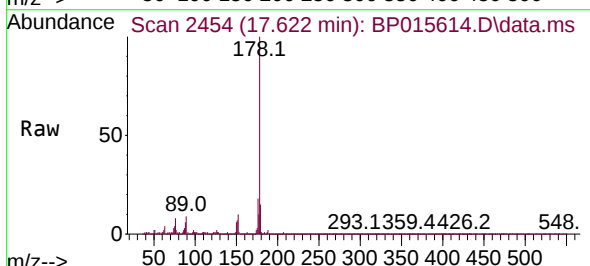
Tgt Ion:178 Resp: 361392

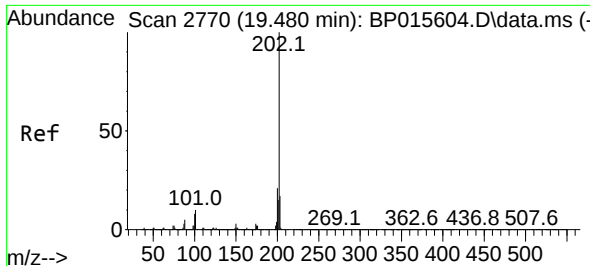
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

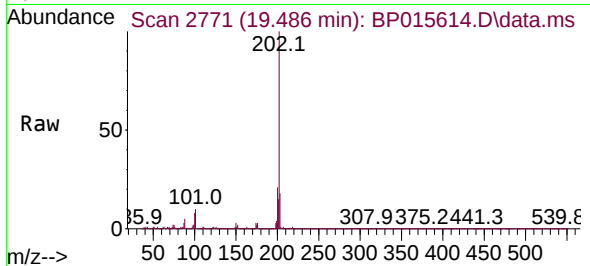
176 18.5 15.0 22.4





#80
Fluoranthene
Concen: 94.151 ng/u1
RT: 19.486 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

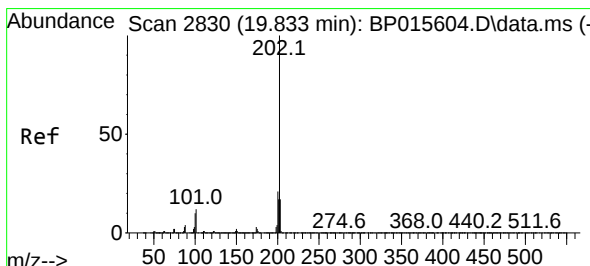
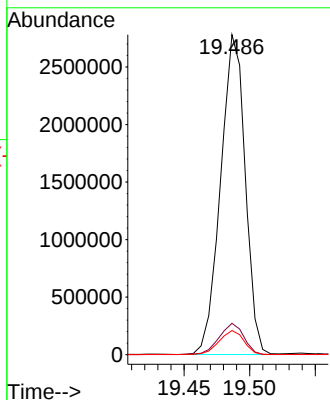
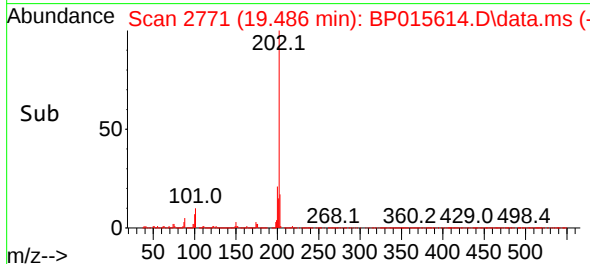
Instrument :
BNA_P
ClientSampleId :
DCFJ3



Tgt Ion:202 Resp: 3624400
Ion Ratio Lower Upper
202 100
101 9.8 8.6 13.0
100 7.5 6.6 9.8

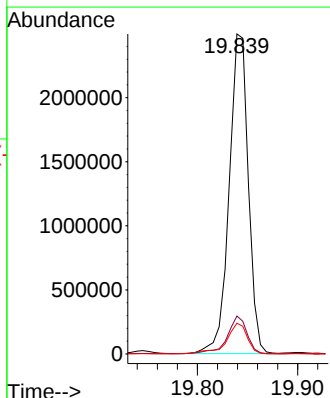
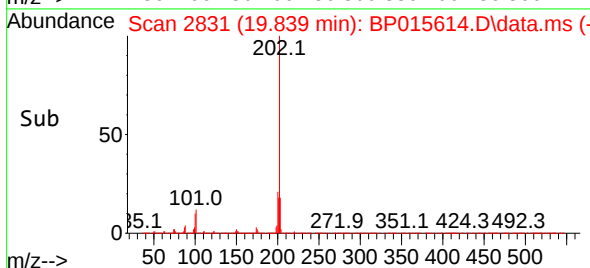
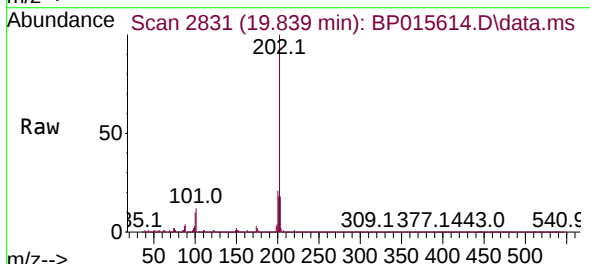
Manual Integrations
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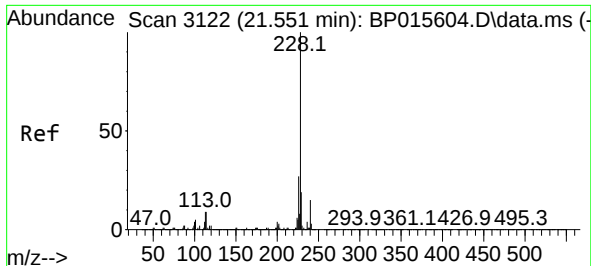
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#82
Pyrene
Concen: 83.322 ng/u1
RT: 19.839 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Tgt Ion:202 Resp: 3318426
Ion Ratio Lower Upper
202 100
101 11.8 9.9 14.9
100 9.6 8.4 12.6





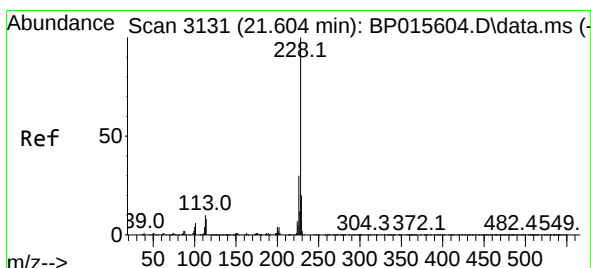
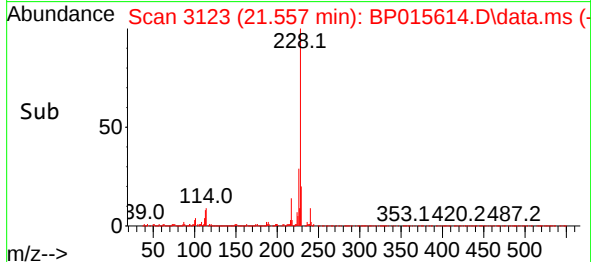
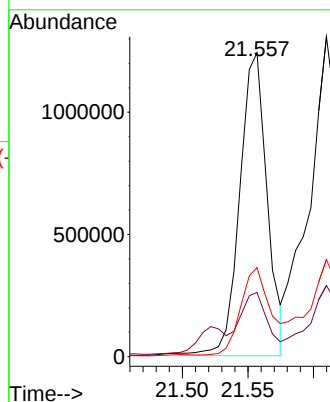
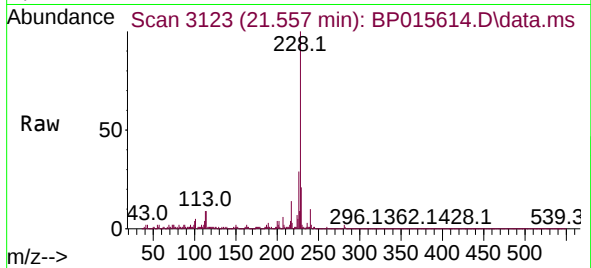
#85
Benzo(a)anthracene
Concen: 43.691 ng/u1
RT: 21.557 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Instrument :
BNA_P
ClientSampleId :
DCFJ3

Tgt Ion:228 Resp: 1803489
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.3 21.8 32.6

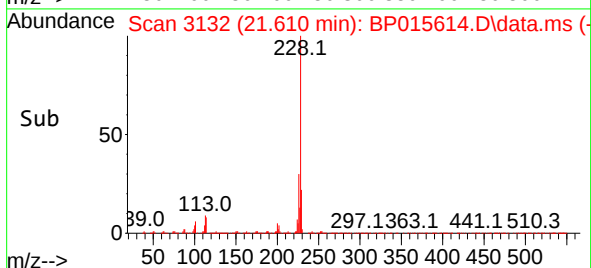
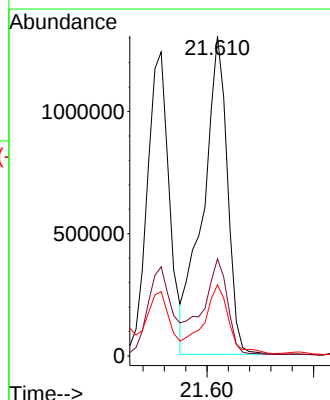
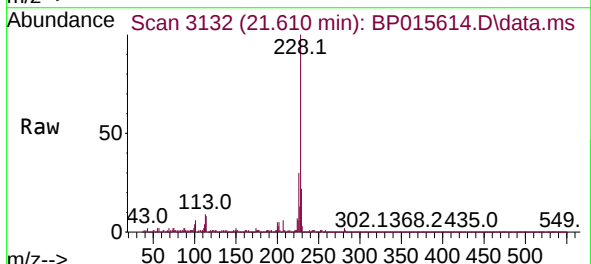
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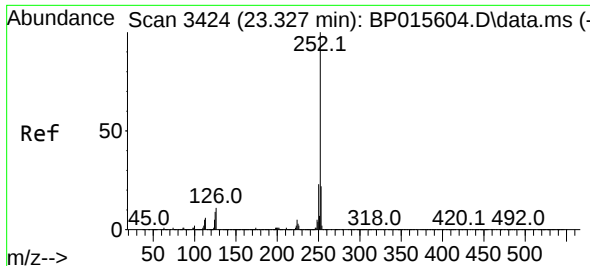
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#87
Chrysene
Concen: 52.970 ng/u1
RT: 21.610 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

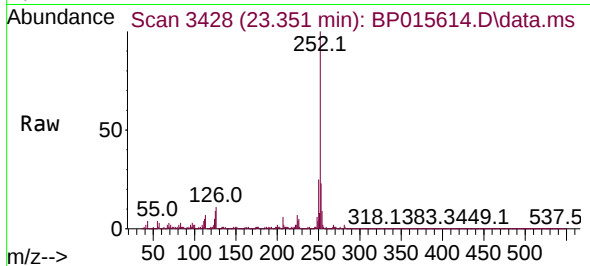
Tgt Ion:228 Resp: 2066730
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 22.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 96.641 ng/ul
RT: 23.351 min Scan# 3424
Delta R.T. 0.024 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

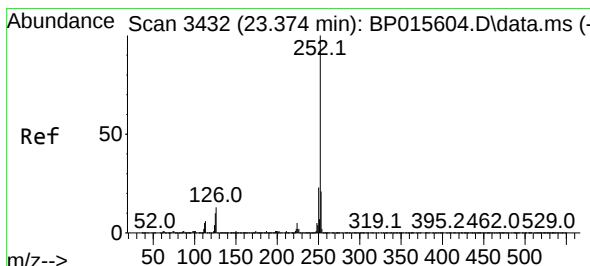
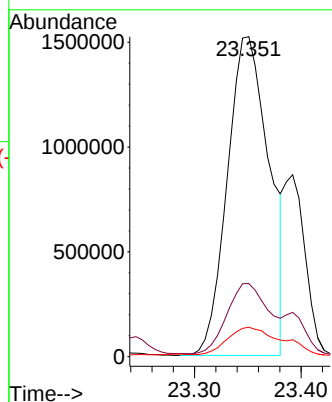
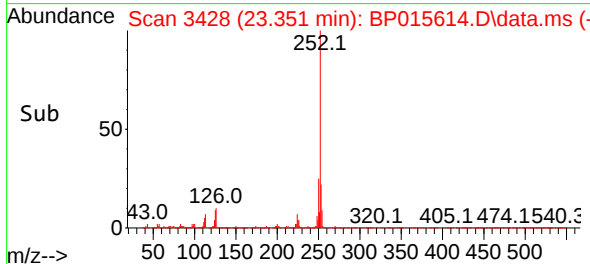
Instrument :
BNA_P
ClientSampleId :
DCFJ3



Tgt Ion:252 Resp: 415190
Ion Ratio Lower Upper
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253 22.9 17.4 26.2
125 9.2 7.3 10.9

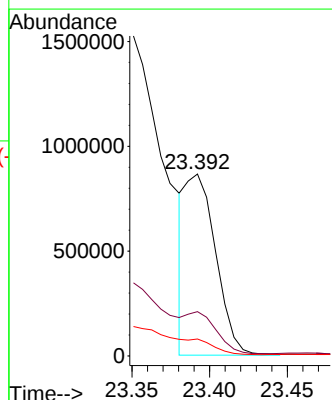
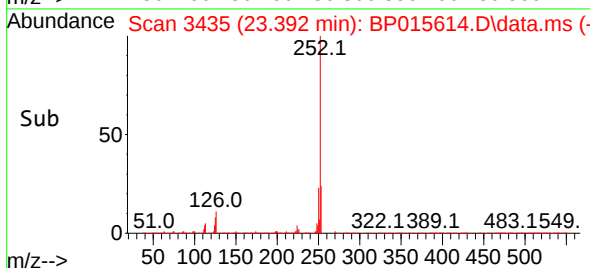
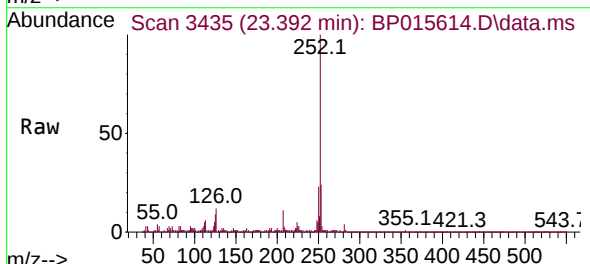
Manual Integrations
APPROVED

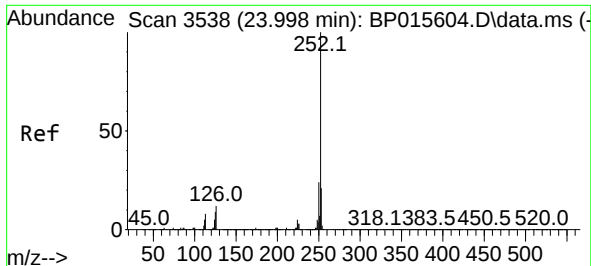
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#91
Benzo(k)fluoranthene
Concen: 28.207 ng/ul m
RT: 23.392 min Scan# 3435
Delta R.T. 0.012 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

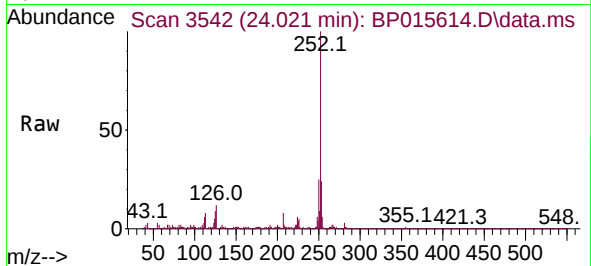
Tgt Ion:252 Resp: 1171448
Ion Ratio Lower Upper
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253 24.3 17.7 26.5
125 9.3 7.3 10.9





#93
Benzo(a)pyrene
Concen: 69.103 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. 0.018 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

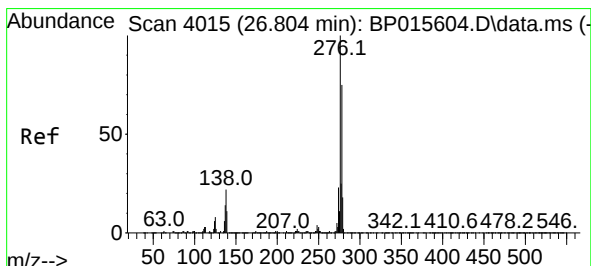
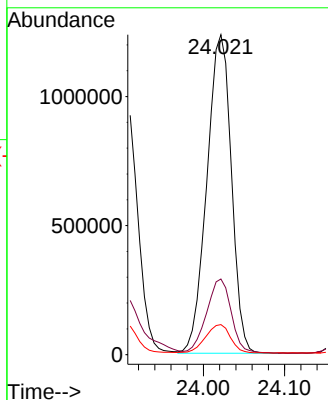
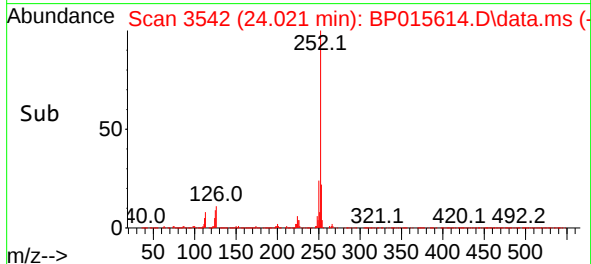
Instrument :
BNA_P
ClientSampleId :
DCFJ3



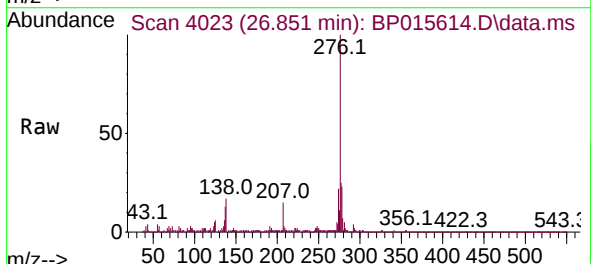
Tgt Ion:252 Resp: 2588358
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 9.4 8.1 12.1

Manual Integrations
APPROVED

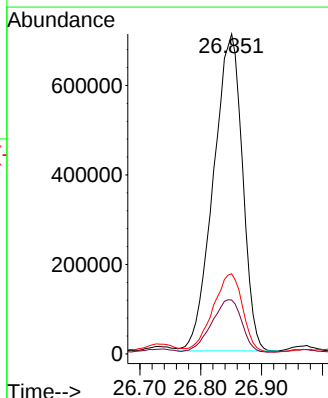
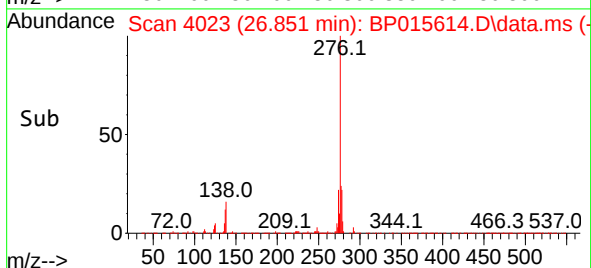
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023

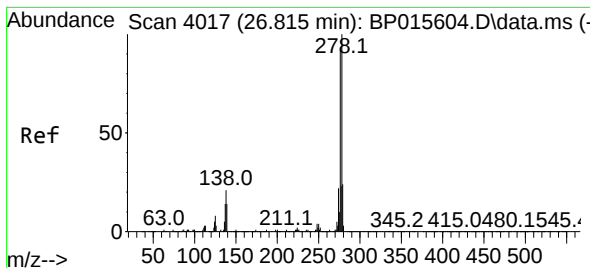


#94
Indeno(1,2,3-cd)pyrene
Concen: 48.350 ng/ul
RT: 26.851 min Scan# 4023
Delta R.T. 0.041 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10



Tgt Ion:276 Resp: 2343785
Ion Ratio Lower Upper
276 100
138 16.8 17.3 25.9#
277 25.1 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 15.001 ng/ul

RT: 26.851 min Scan# 4017

Delta R.T. 0.024 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNP_P

ClientSampleId :

DCFJ3

Tgt Ion:278 Resp: 592440

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0

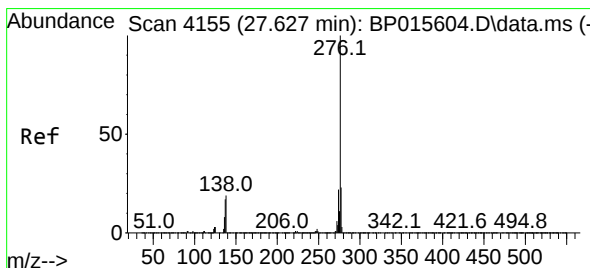
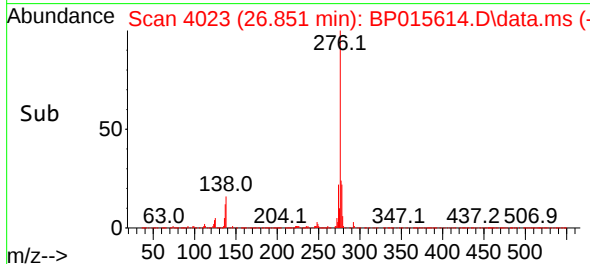
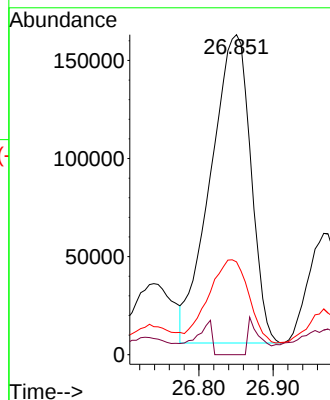
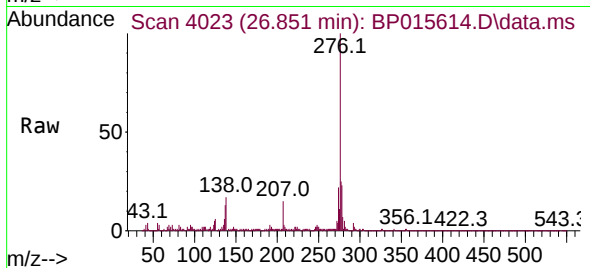
279 29.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#96

Benzo(g,h,i)perylene

Concen: 55.049 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. 0.053 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Tgt Ion:276 Resp: 2199136

Ion Ratio Lower Upper

276 100

138 17.6 15.6 23.4

277 24.4 19.0 28.6

