

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017355.D
 Acq On : 26 Sep 2023 11:08
 Operator : MA/JU
 Sample : 04472-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYM8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 00:42:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	191606	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	794567	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	491864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	1100263	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1005539	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	1159510	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8078	1.732	ng/uL	0.00
4) Pyridine-d5	3.746	84	19980m	1.532	ng/u1	0.02
7) Phenol-d5	7.081	99	133714	8.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	110227	11.607	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	122576	9.821	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	28578	2.336	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	64075	11.155	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	61577	9.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	96229	8.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	70834	4.150	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	431403	12.243	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	467200	11.529	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	14837m	2.417	ng/u1	0.01
60) Fluorene-d10	15.581	176	399235	13.161	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	10109	1.630	ng/u1	0.00
73) Anthracene-d10	17.457	188	618014	12.665	ng/u1	0.00
81) Pyrene-d10	19.704	212	776194	14.274	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	733847	13.145	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.775	105	103872	5.494	ng/u1	99
30) Naphthalene	10.799	128	126795	3.065	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	42523	1.575	ng/u1	97
37) 1-Methylnaphthalene	12.628	142	32075	1.162	ng/u1#	97
52) Acenaphthene	14.651	153	36809	1.176	ng/u1	98
61) Fluorene	15.639	166	45771	1.314	ng/u1	98
72) Phenanthrene	17.404	178	391980	6.802	ng/u1	99
74) Anthracene	17.492	178	67405m	1.154	ng/u1	
80) Fluoranthene	19.375	202	547732	8.637	ng/u1	99
82) Pyrene	19.733	202	528395	7.838	ng/u1	99
85) Benzo(a)anthracene	21.451	228	242093	3.567	ng/u1#	92
87) Chrysene	21.504	228	249139	3.901	ng/u1#	91
90) Benzo(b)fluoranthene	23.204	252	309592	4.529	ng/u1#	85
91) Benzo(k)fluoranthene	23.245	252	118900m	1.724	ng/u1	
93) Benzo(a)pyrene	23.868	252	210894	3.224	ng/u1#	84
94) Indeno(1,2,3-cd)pyrene	26.639	276	140219	1.710	ng/u1	98
96) Benzo(g,h,i)perylene	27.474	276	139053	2.103	ng/u1	94

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

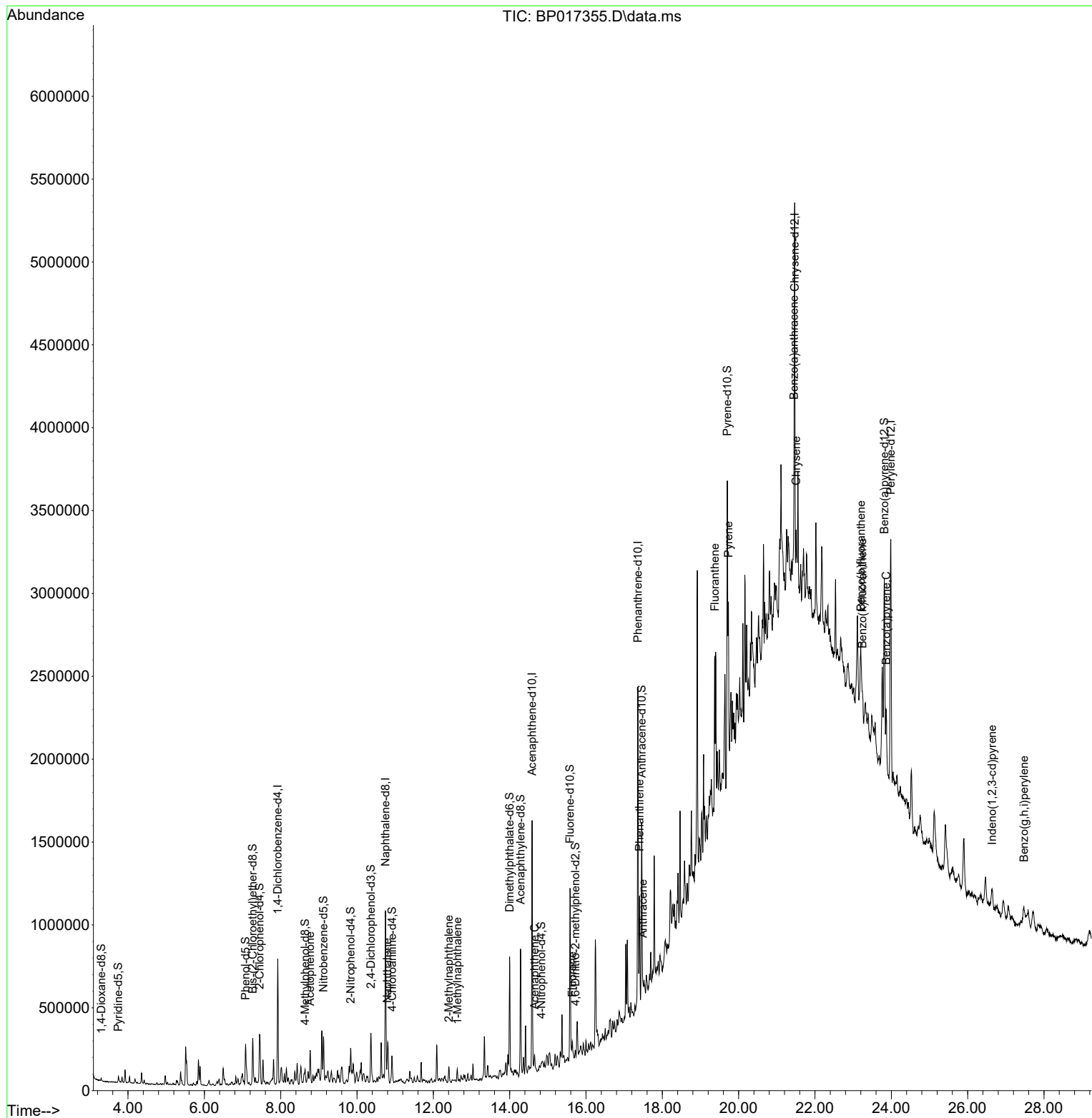
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
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 ALS Vial : 47 Sample Multiplier: 1

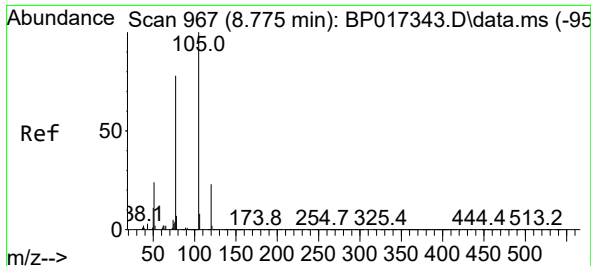
Instrument :
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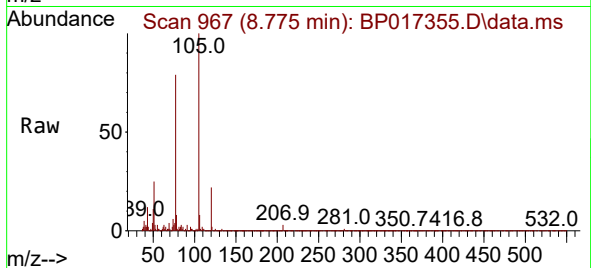
Quant Time: Sep 27 00:42:56 2023
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#16
Acetophenone
Concen: 5.494 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP017355.D
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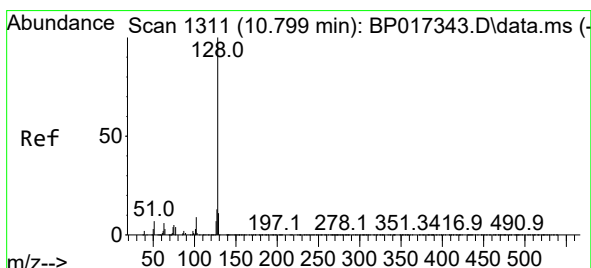
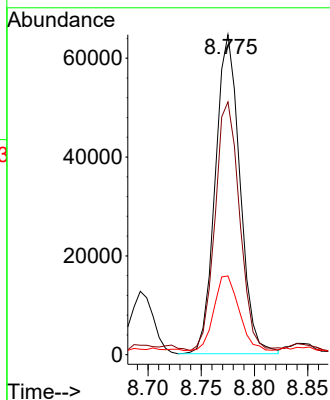
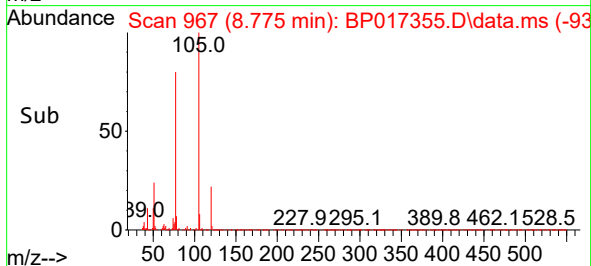
Instrument :
BNA_P
ClientSampleId :
EZY8



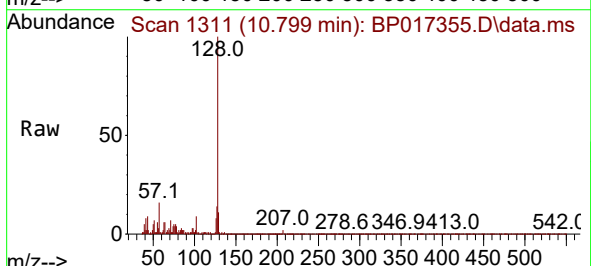
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Ion Ratio Lower Upper
105 100
77 79.0 63.6 95.4
51 24.6 19.2 28.8

Manual Integrations
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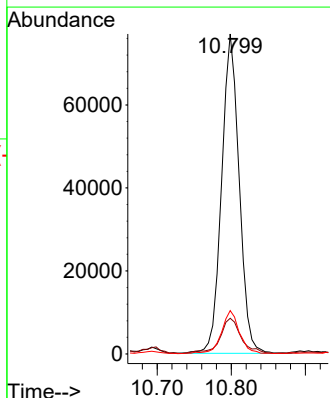
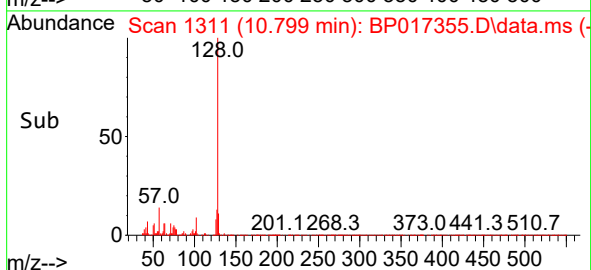
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

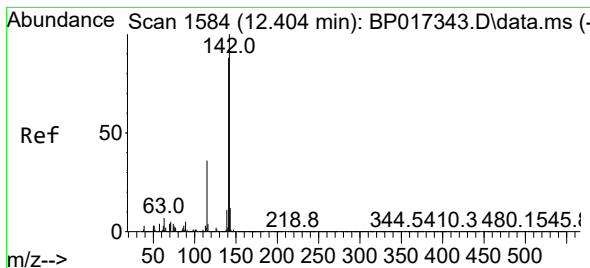


#30
Naphthalene
Concen: 3.065 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08



Tgt Ion:128 Resp: 126795
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.6 15.8





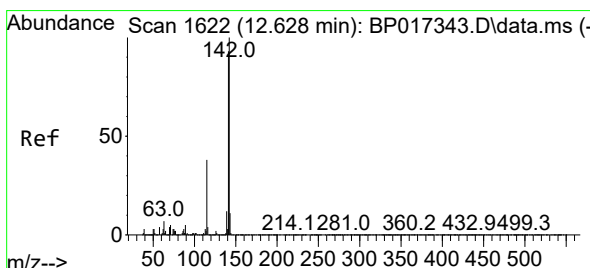
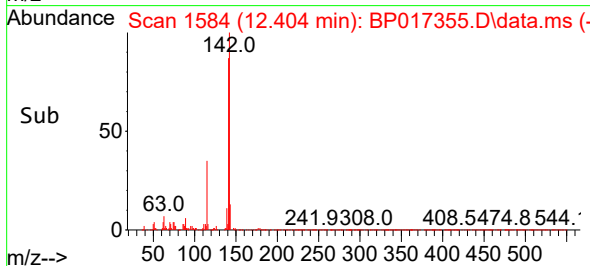
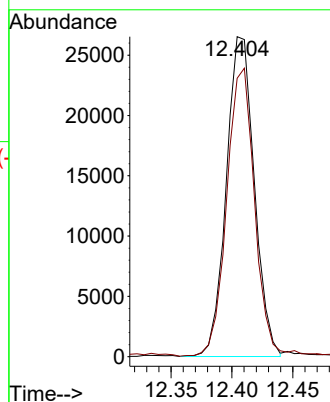
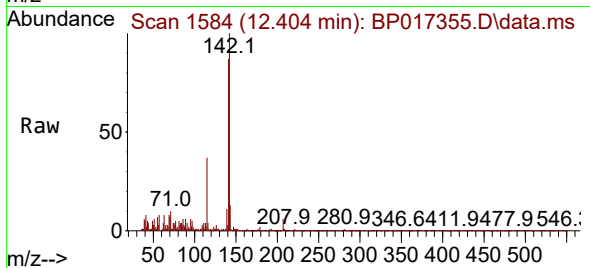
#36
2-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

Instrument :
BNA_P
ClientSampleId :
EZY8

Tgt Ion:142 Resp: 4252
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9

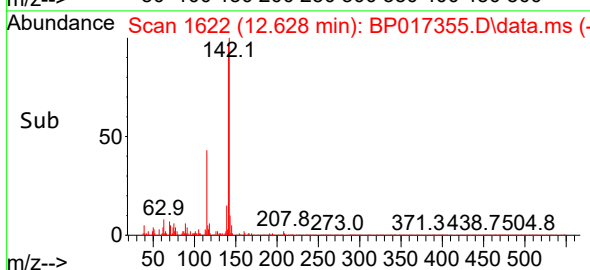
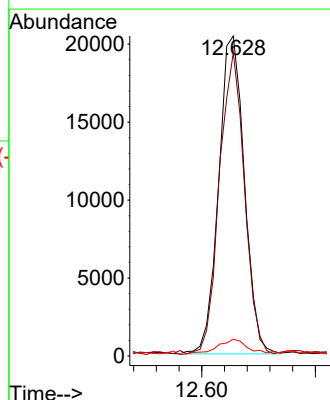
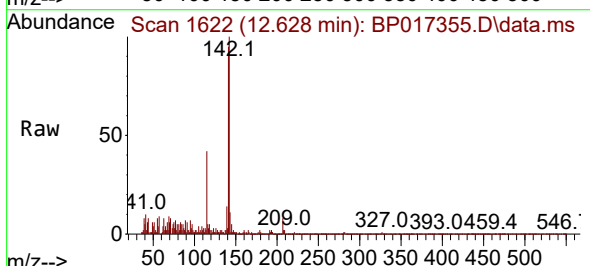
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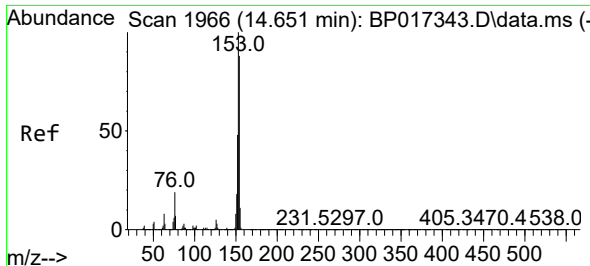
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#37
1-Methylnaphthalene
Concen: 1.162 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

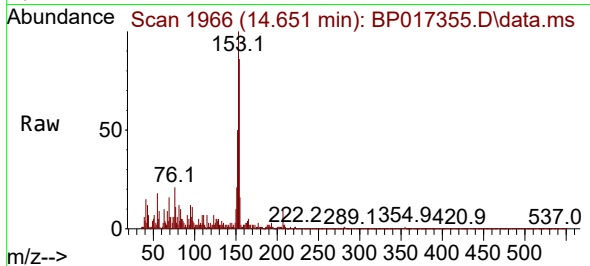
Tgt Ion:142 Resp: 32075
Ion Ratio Lower Upper
142 100
141 94.9 73.4 110.2
116 5.3 3.1 4.7





#52
Acenaphthene
Concen: 1.176 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

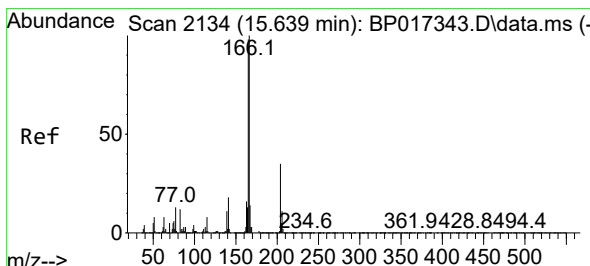
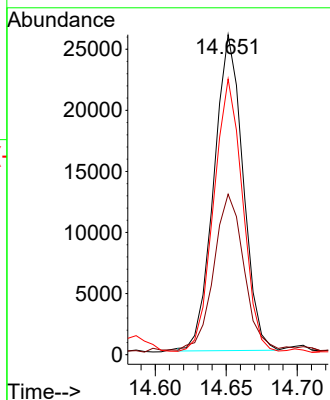
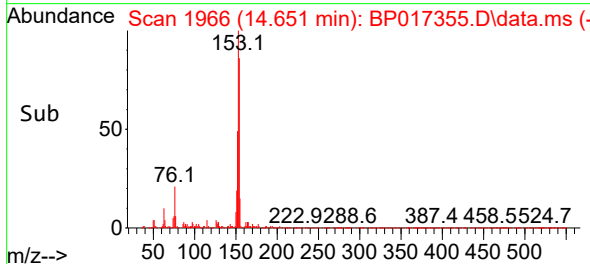
Instrument :
BNA_P
Client Sample Id :
EZY8



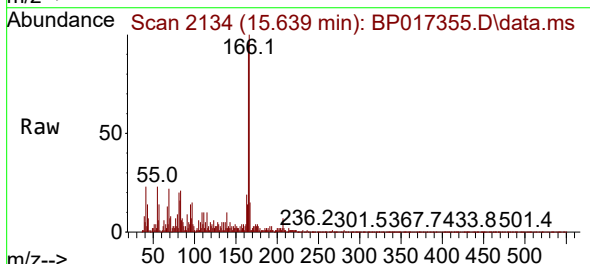
Tgt Ion:153 Resp: 36809
Ion Ratio Lower Upper
153 100
152 50.1 38.0 57.0
154 86.1 70.1 105.1

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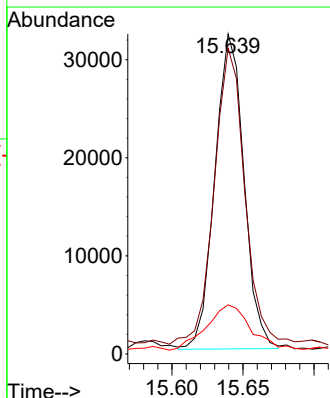
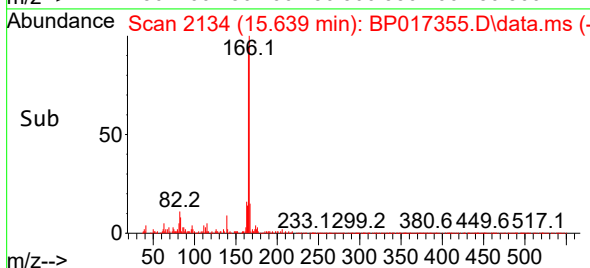
Reviewed By :Yogesh Patel 09/27/2023
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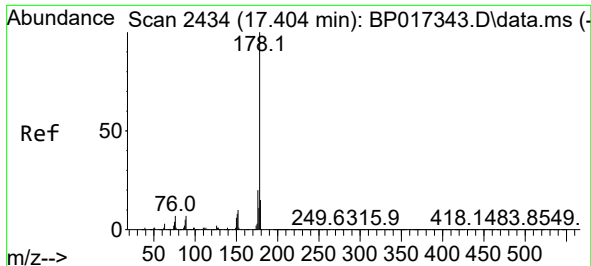


#61
Fluorene
Concen: 1.314 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08



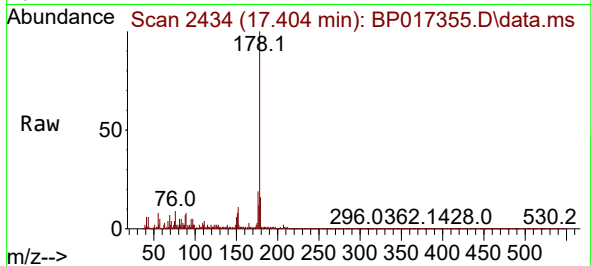
Tgt Ion:166 Resp: 45771
Ion Ratio Lower Upper
166 100
165 95.6 77.8 116.6
167 15.4 10.9 16.3





#72
Phenanthrene
Concen: 6.802 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

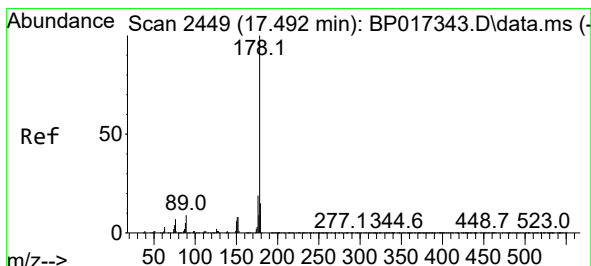
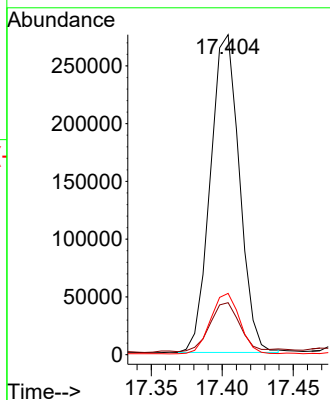
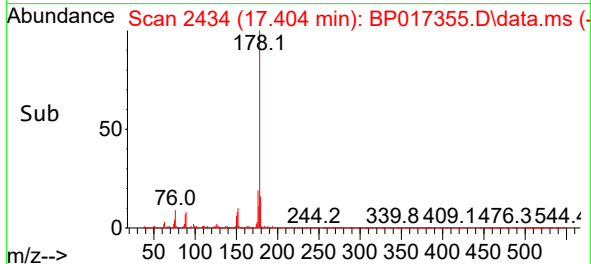
Instrument :
BNA_P
ClientSampleId :
EZY8



Tgt Ion:178 Resp: 391980
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.2 15.8 23.6

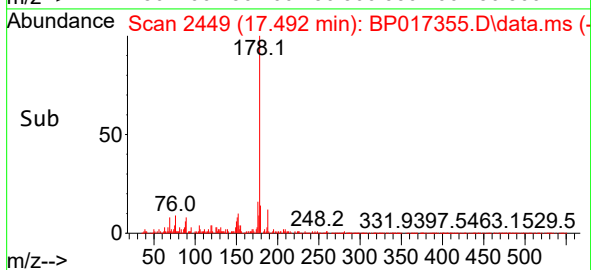
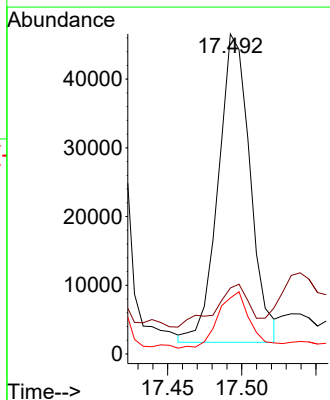
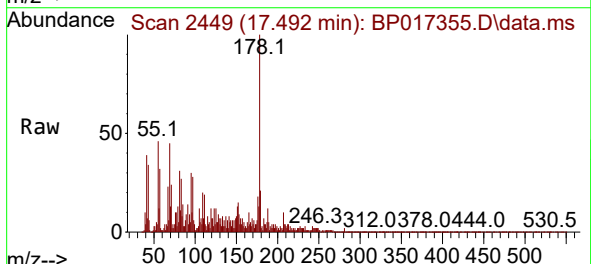
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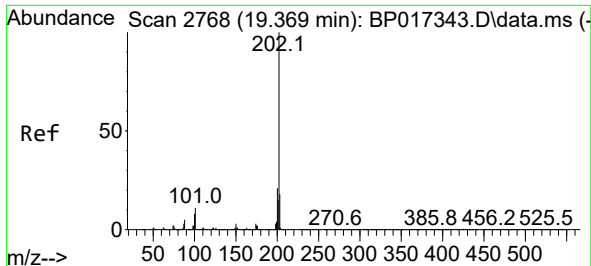
Reviewed By :Yogesh Patel 09/27/2023
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#74
Anthracene
Concen: 1.154 ng/ul m
RT: 17.492 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

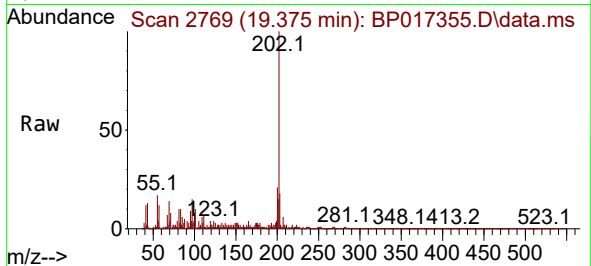
Tgt Ion:178 Resp: 67405
Ion Ratio Lower Upper
178 100
179 20.6 12.5 18.7#
176 17.5 15.1 22.7





#80
Fluoranthene
Concen: 8.637 ng/ul
RT: 19.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017355.D
Acq: 26 Sep 2023 11:08

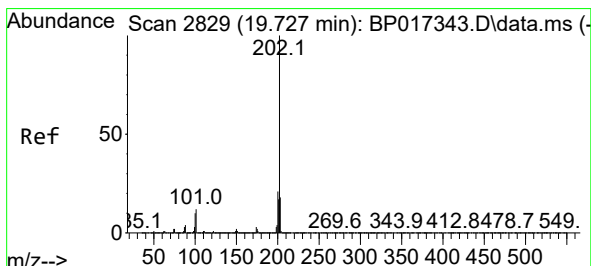
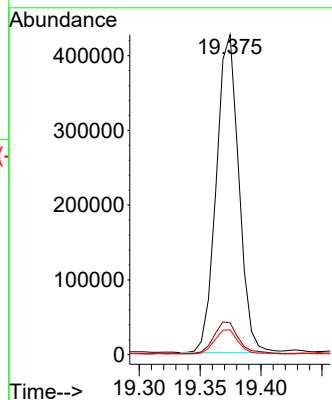
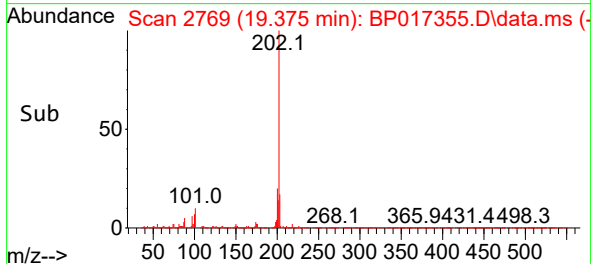
Instrument :
BNA_P
ClientSampleId :
EZY8



Tgt Ion:202 Resp: 54773
Ion Ratio Lower Upper
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101 10.0 8.4 12.6
100 7.7 6.6 10.0

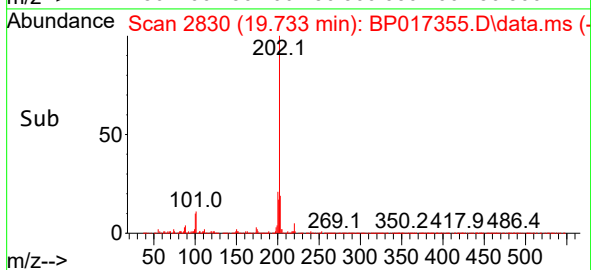
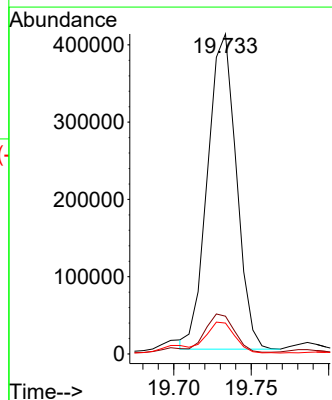
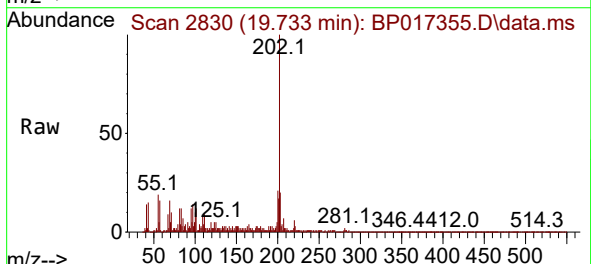
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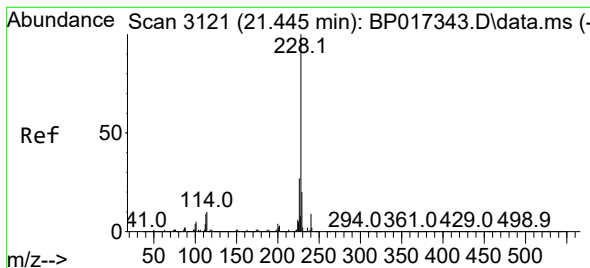
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#82
Pyrene
Concen: 7.838 ng/ul
RT: 19.733 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BP017355.D
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Tgt Ion:202 Resp: 528395
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.7 8.1 12.1





#85

Benzo(a)anthracene

Concen: 3.567 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

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ClientSampleId :

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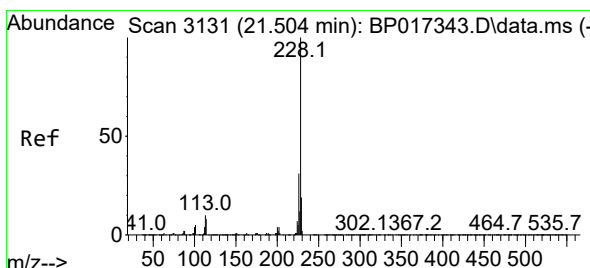
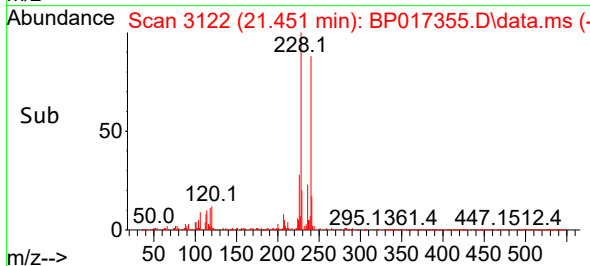
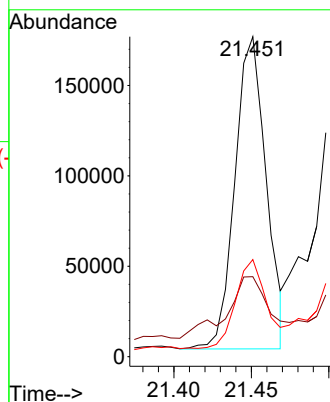
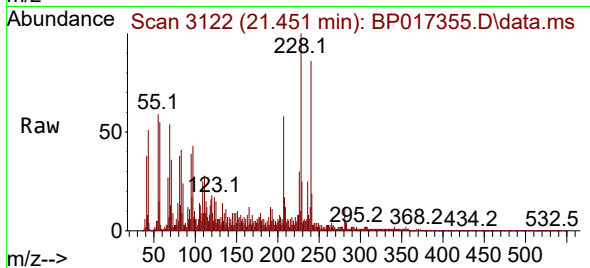
Tgt Ion:228 Resp: 242093
 Ion Ratio Lower Upper
 228 100
 229 25.0 15.8 23.6
 226 30.4 21.8 32.8

Manual Integrations

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#87

Chrysene

Concen: 3.901 ng/ul

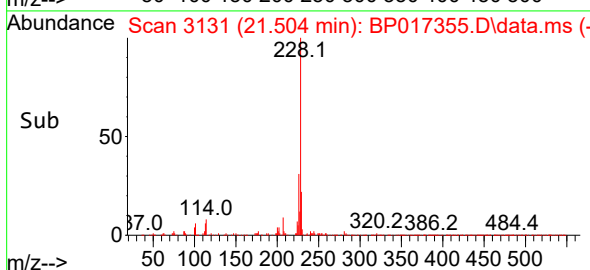
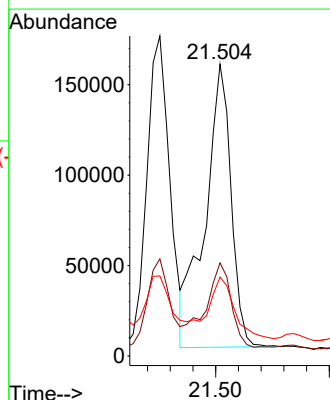
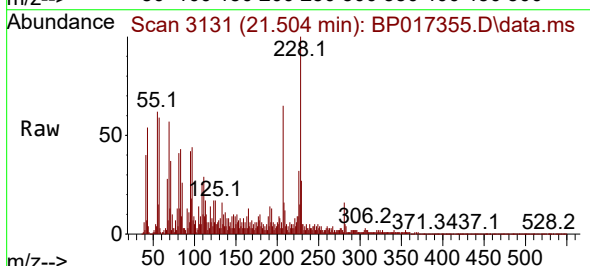
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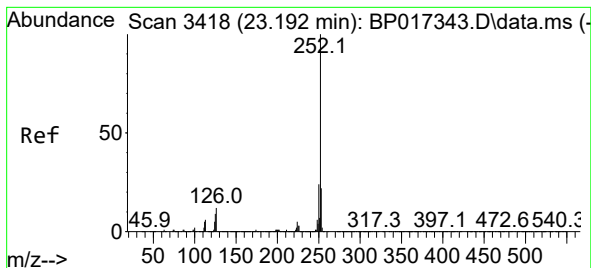
Delta R.T. 0.000 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Tgt Ion:228 Resp: 249139
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.1 36.1
 229 27.0 15.0 22.6





#90

Benzo(b)fluoranthene

Concen: 4.529 ng/ul

RT: 23.204 min Scan# 3418

Delta R.T. 0.012 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

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BNA_P

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EZYM8

Tgt Ion:252 Resp: 309592

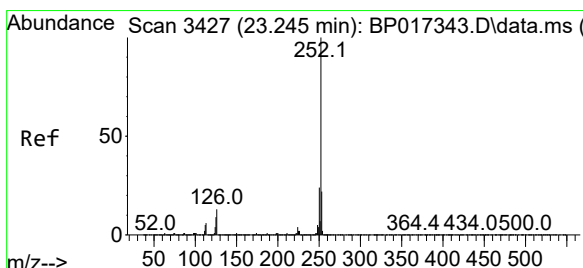
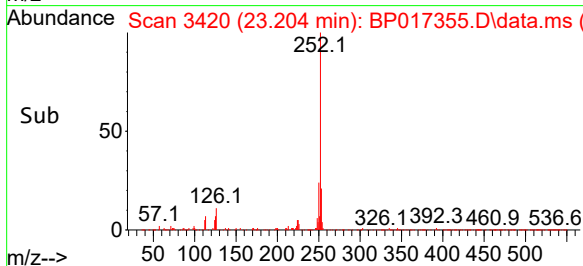
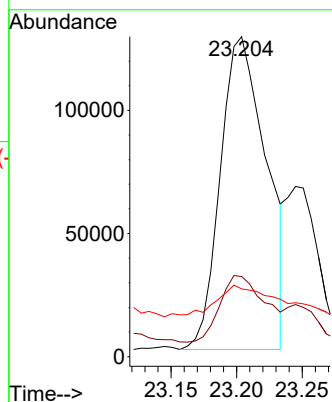
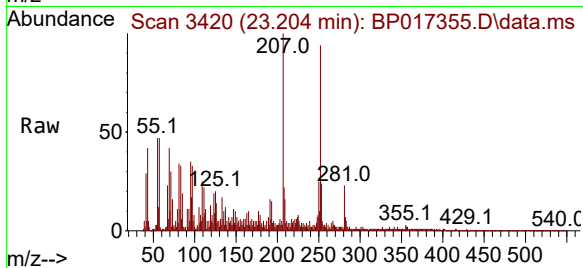
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	21.2	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#91

Benzo(k)fluoranthene

Concen: 1.724 ng/ul m

RT: 23.245 min Scan# 3427

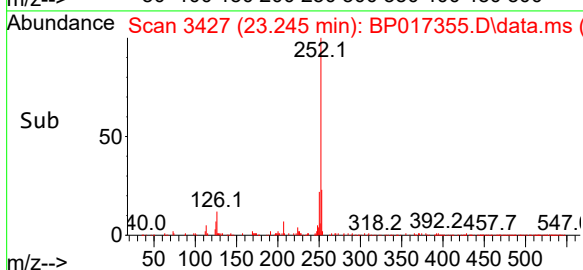
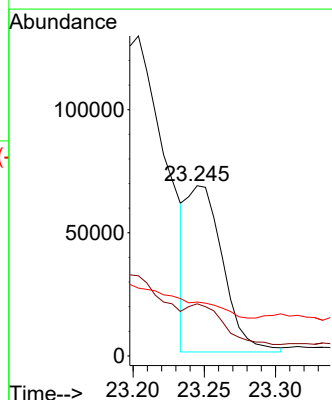
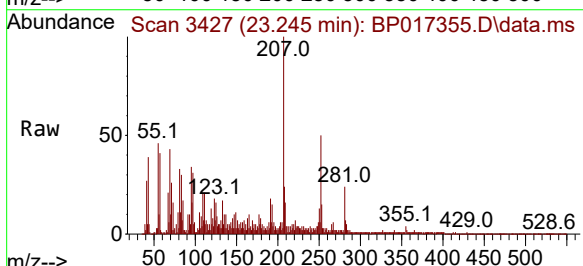
Delta R.T. 0.000 min

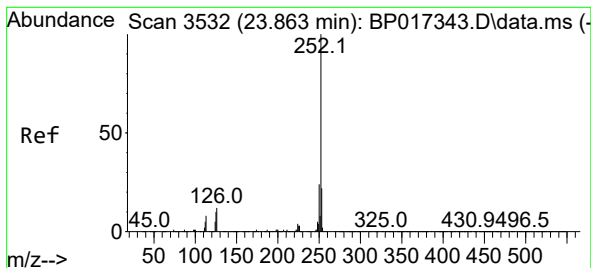
Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Tgt Ion:252 Resp: 118900

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.9	26.9
125	31.6	7.8	11.6





#93

Benzo(a)pyrene

Concen: 3.224 ng/ul

RT: 23.868 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

Instrument :

BNA_P

ClientSampleId :

EZYM8

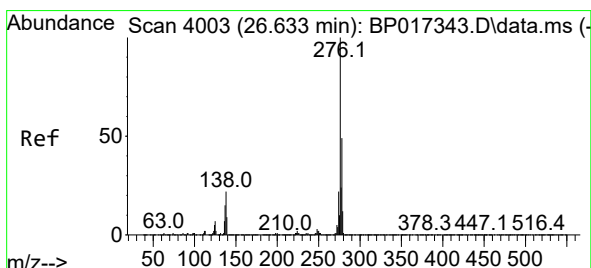
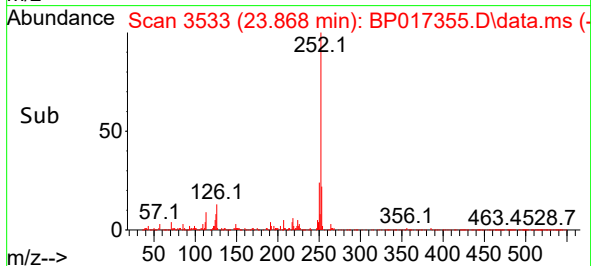
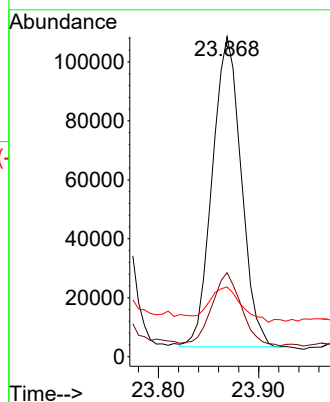
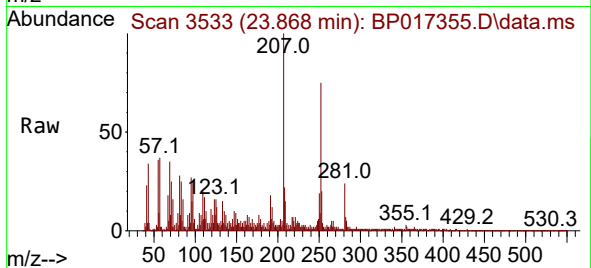
Tgt Ion:252 Resp: 210894
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.4 26.0
 125 21.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.710 ng/ul

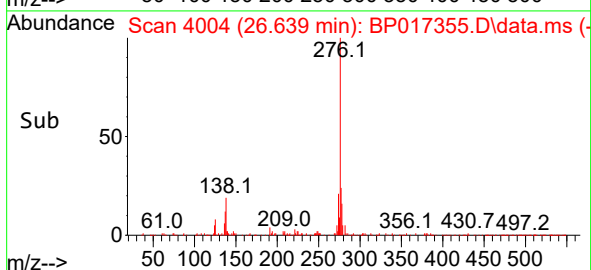
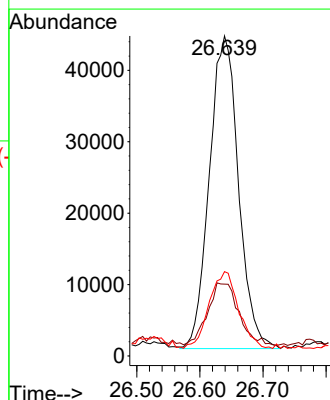
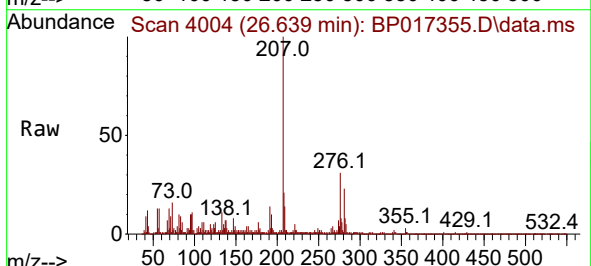
RT: 26.639 min Scan# 4004

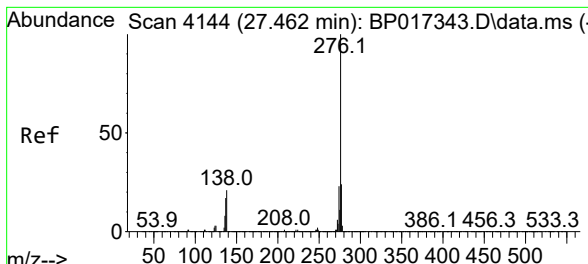
Delta R.T. 0.006 min

Lab File: BP017355.D

Acq: 26 Sep 2023 11:08

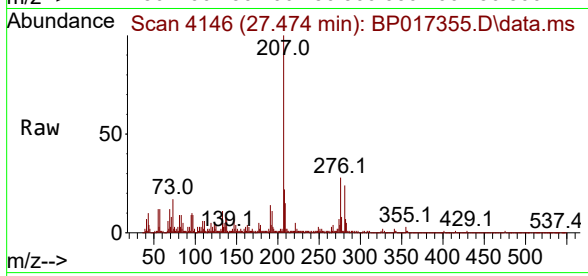
Tgt Ion:276 Resp: 140219
 Ion Ratio Lower Upper
 276 100
 138 22.4 17.9 26.9
 277 26.4 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.103 ng/ul
 RT: 27.474 min Scan# 4146
 Delta R.T. 0.012 min
 Lab File: BP017355.D
 Acq: 26 Sep 2023 11:08

Instrument :
 BNA_P
 ClientSampleId :
 EZYM8



Tgt Ion: 276 Resp: 13905

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.3	25.9
277	26.9	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

