

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013015.D
 Acq On : 09 Dec 2022 13:24
 Operator : CG/JU
 Sample : N5896-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:52:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	589349	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2575482	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1688051	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3808246	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3535945	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3499630	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	51957	3.769	ng/uL	0.00
4) Pyridine-d5	3.781	84	517411	13.214	ng/u1	0.00
7) Phenol-d5	7.128	99	1113259	23.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	692186	23.903	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	898859	23.786	ng/u1	-0.01
15) 4-Methylphenol-d8	8.675	113	923336	23.475	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	448633	23.709	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	508342	23.862	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	971004	23.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1071117	18.336	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	3137113	24.181	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	3467331	24.323	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	376508	16.134	ng/u1	-0.01
60) Fluorene-d10	15.604	176	2765704	25.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	439214	17.922	ng/u1	0.00
73) Anthracene-d10	17.469	188	4388256	25.542	ng/u1	0.00
81) Pyrene-d10	19.698	212	5226809	25.753	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	4511883	25.866	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.840	128	634881	4.713	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	173597	1.879	ng/u1	98
50) Acenaphthylene	14.334	152	360190	2.350	ng/u1	98
52) Acenaphthene	14.675	153	179232	1.688	ng/u1	100
71) Pentachlorophenol	17.016	266	39209	1.318	ng/u1	95
72) Phenanthrene	17.410	178	2101099	10.593	ng/u1	100
74) Anthracene	17.504	178	2209953	11.158	ng/u1	100
80) Fluoranthene	19.375	202	4940801	21.448	ng/u1	100
82) Pyrene	19.728	202	4666146	19.637	ng/u1	99
85) Benzo(a)anthracene	21.439	228	2185192	9.309	ng/u1	99
87) Chrysene	21.492	228	2805239	12.637	ng/u1	98
90) Benzo(b)fluoranthene	23.186	252	5109982	22.898	ng/u1	98
91) Benzo(k)fluoranthene	23.227	252	1250460m	5.651	ng/u1	
93) Benzo(a)pyrene	23.839	252	1938144	9.974	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	1952206	8.066	ng/u1	97
95) Dibenzo(a,h)anthracene	26.551	278	471036	2.350	ng/u1#	86
96) Benzo(g,h,i)perylene	27.351	276	1594618	8.206	ng/u1	100

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

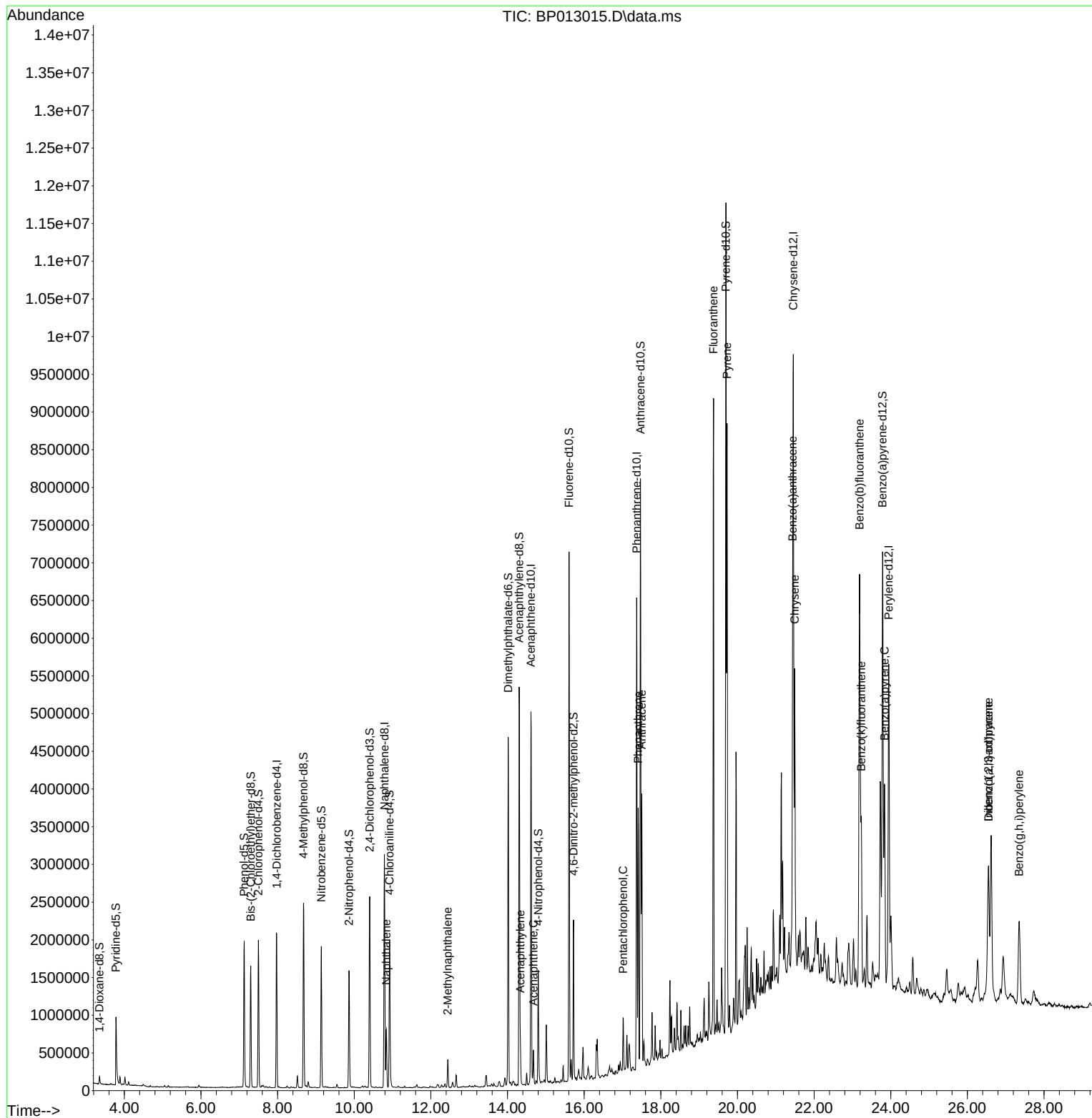
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013015.D
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 Operator : CG/JU
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 ALS Vial : 42 Sample Multiplier: 1

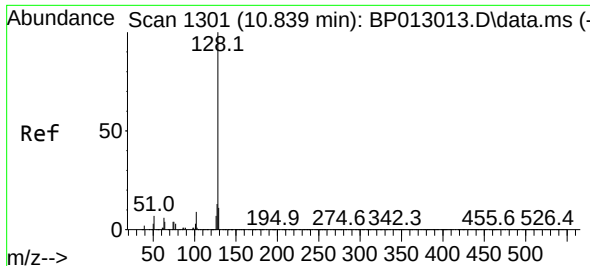
Instrument :
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Quant Time: Dec 09 21:52:48 2022
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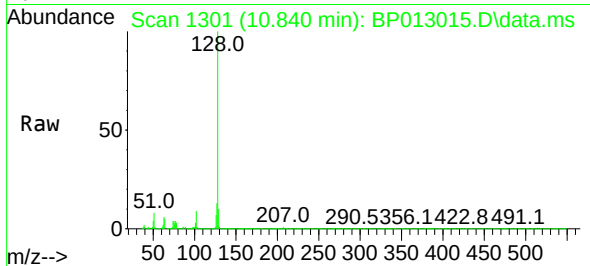
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 4.713 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

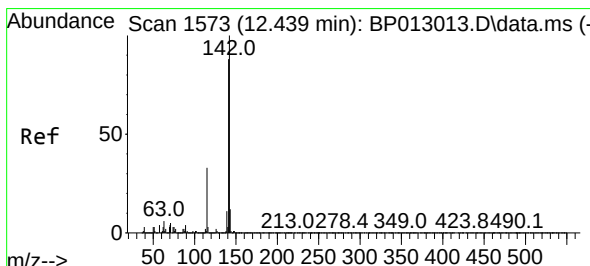
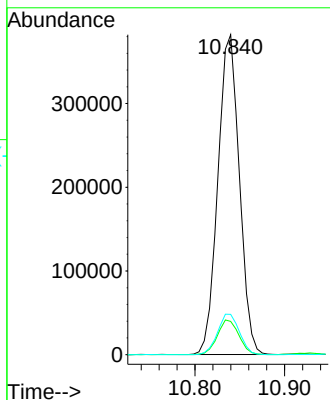
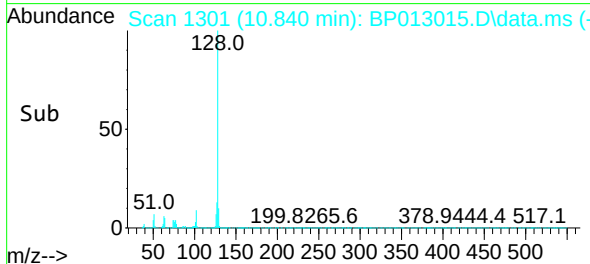
Instrument :
BNA_P
ClientSampleId :
DBXM0



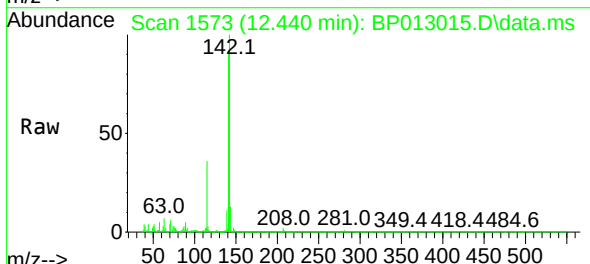
Tgt Ion:128 Resp: 63488
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.6 10.4 15.6

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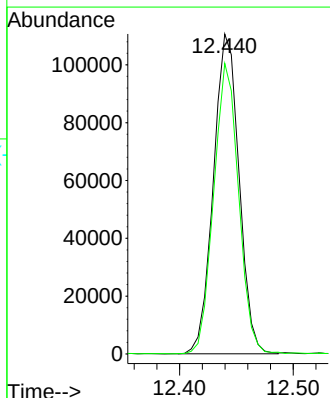
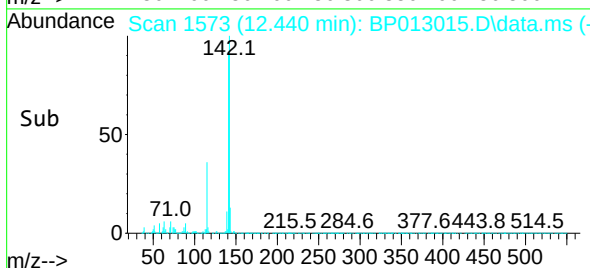
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

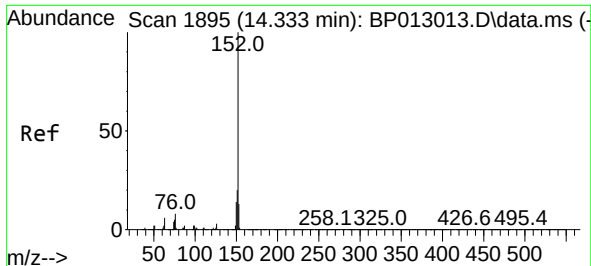


#36
2-Methylnaphthalene
Concen: 1.879 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



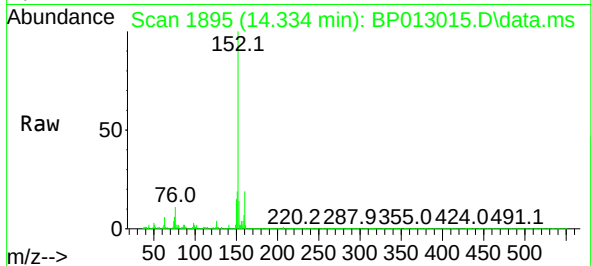
Tgt Ion:142 Resp: 173597
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2





#50
Acenaphthylene
Concen: 2.350 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

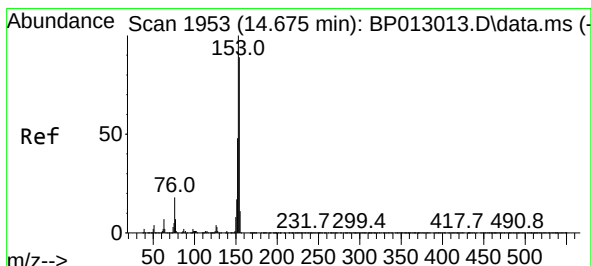
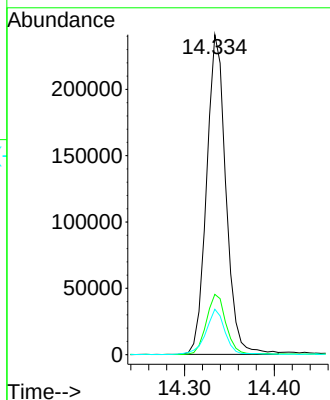
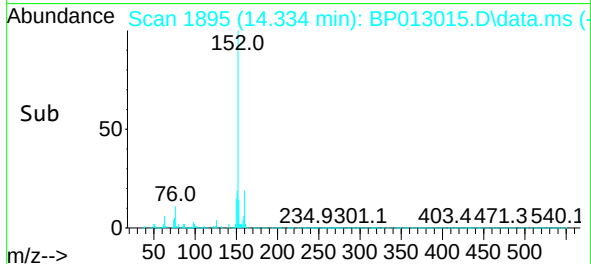
Instrument :
BNA_P
ClientSampleId :
DBXM0



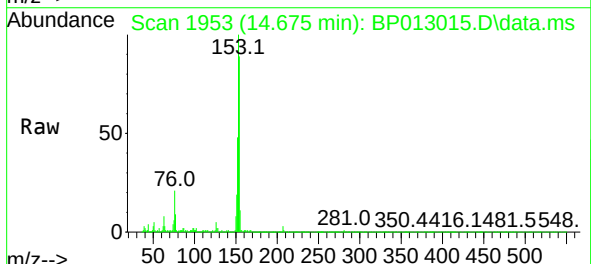
Tgt Ion:152 Resp: 360190
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.6
153 14.2 10.6 16.0

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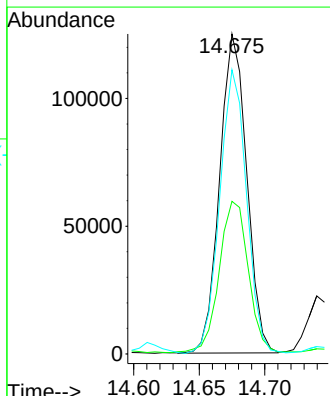
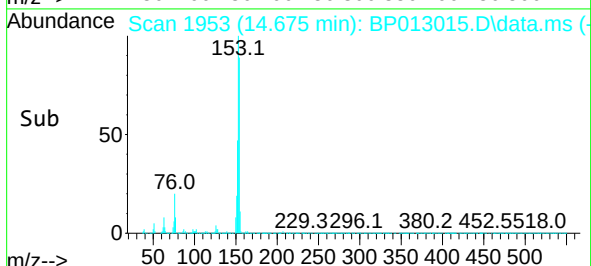
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

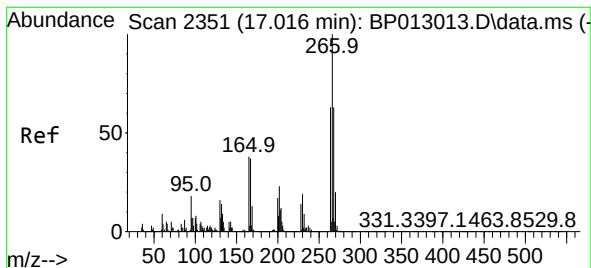


#52
Acenaphthene
Concen: 1.688 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



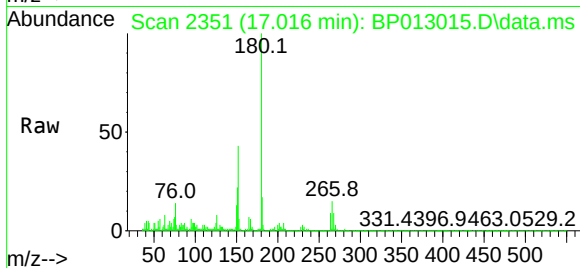
Tgt Ion:153 Resp: 179232
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.8 70.8 106.2





#71
Pentachlorophenol
Concen: 1.318 ng/ul
RT: 17.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

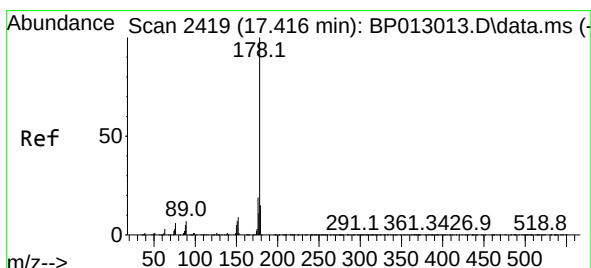
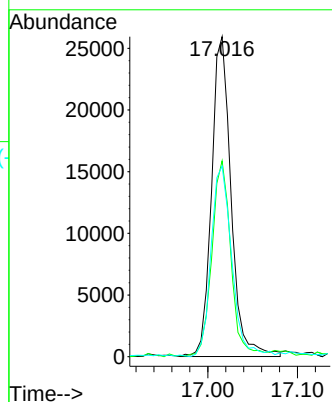
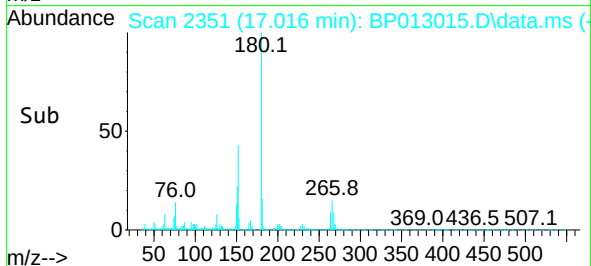
Instrument :
BNA_P
ClientSampleId :
DBXM0



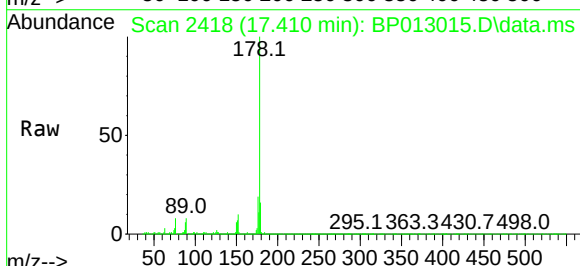
Tgt Ion:266 Resp: 39209
Ion Ratio Lower Upper
266 100
264 61.2 50.9 76.3
268 59.6 51.4 77.2

Manual Integrations
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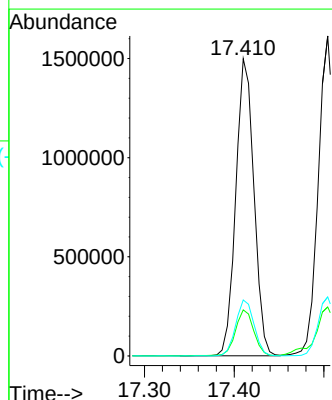
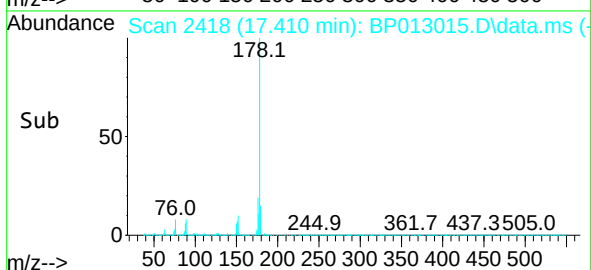
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

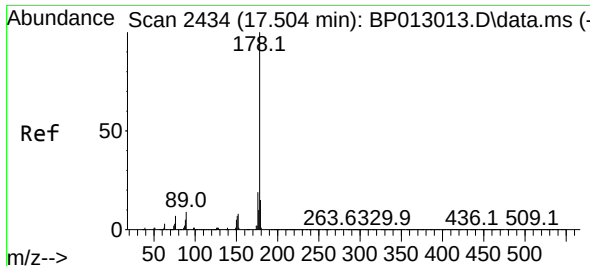


#72
Phenanthrene
Concen: 10.593 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



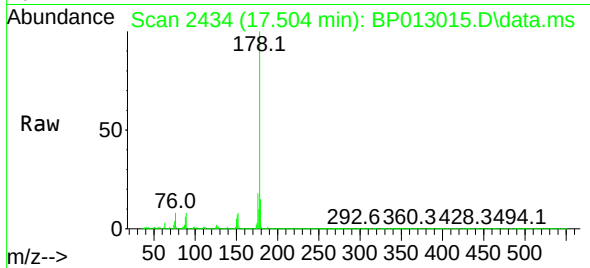
Tgt Ion:178 Resp: 2101099
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.9 15.4 23.0





#74
 Anthracene
 Concen: 11.158 ng/ul
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24

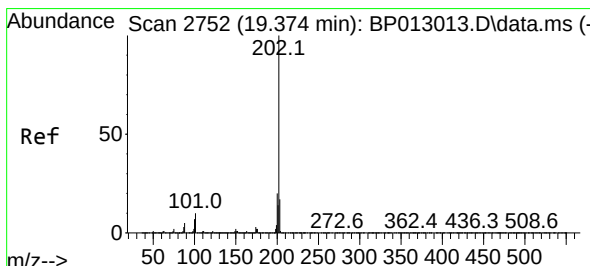
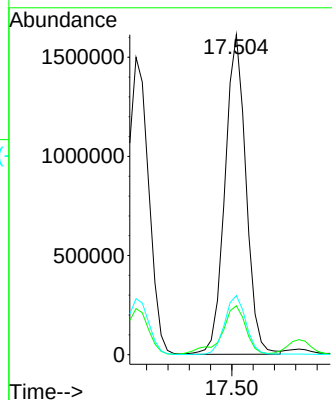
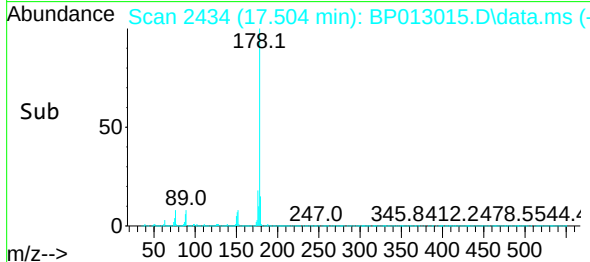
Instrument :
 BNA_P
 ClientSampleId :
 DBXM0



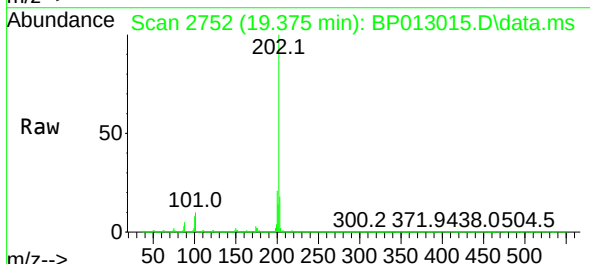
Tgt Ion:178 Resp: 220995
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 18.4 14.8 22.2

Manual Integrations
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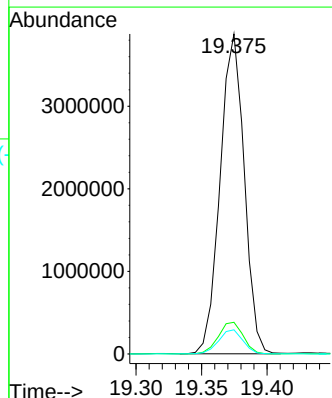
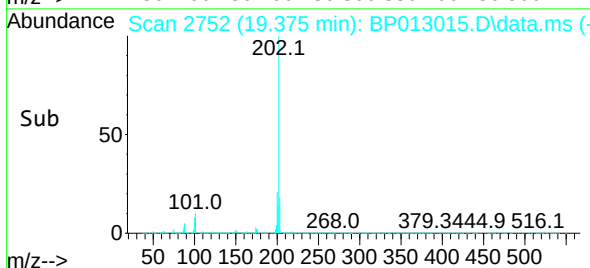
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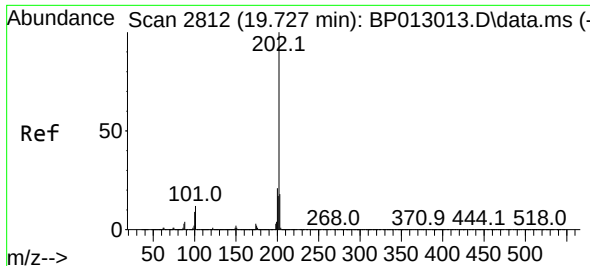


#80
 Fluoranthene
 Concen: 21.448 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013015.D
 Acq: 09 Dec 2022 13:24



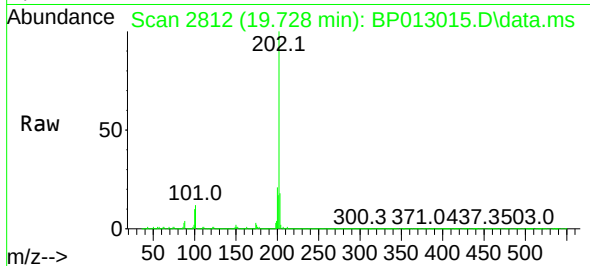
Tgt Ion:202 Resp: 4940801
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.2 12.2
 100 7.6 6.1 9.1





#82
Pyrene
Concen: 19.637 ng/u1
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

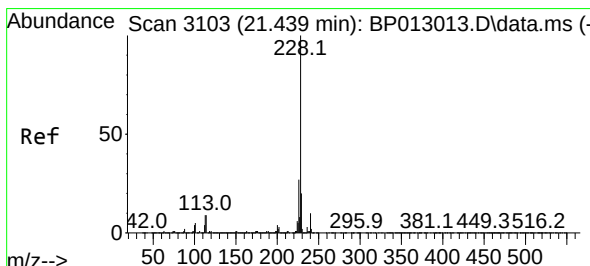
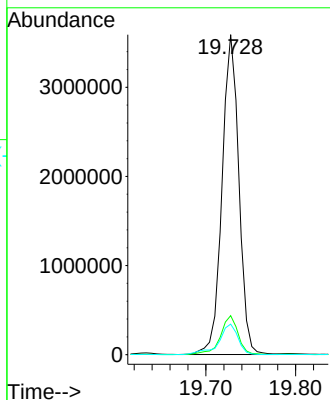
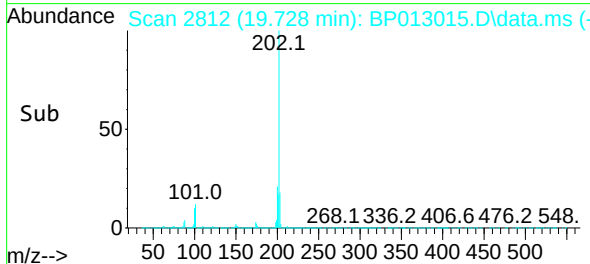
Instrument :
BNA_P
ClientSampleId :
DBXM0



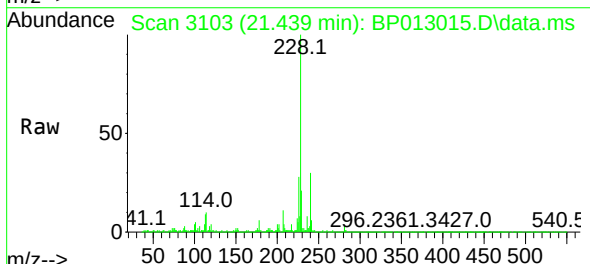
Tgt Ion:202 Resp: 4666140
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.2
100 9.6 7.8 11.8

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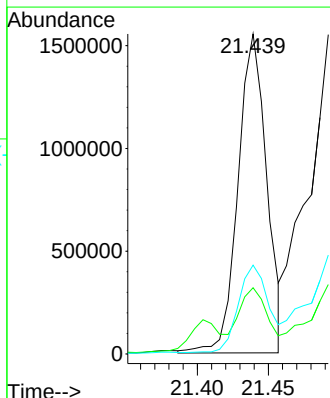
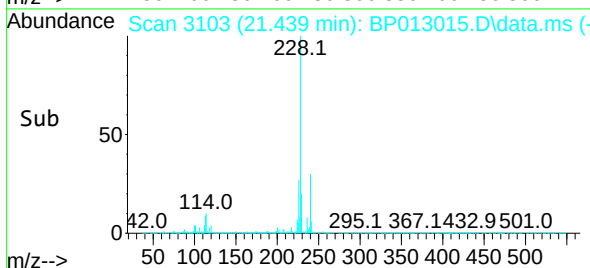
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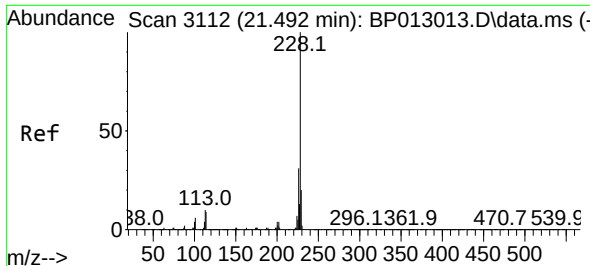


#85
Benzo(a)anthracene
Concen: 9.309 ng/u1
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



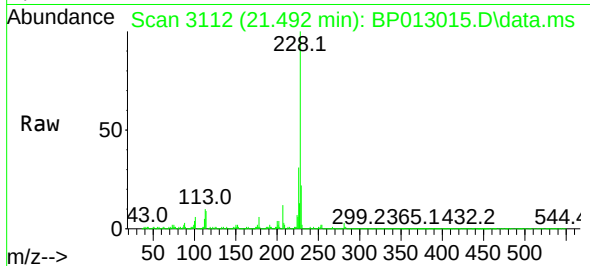
Tgt Ion:228 Resp: 2185192
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.7 22.0 33.0





#87
Chrysene
Concen: 12.637 ng/u1
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

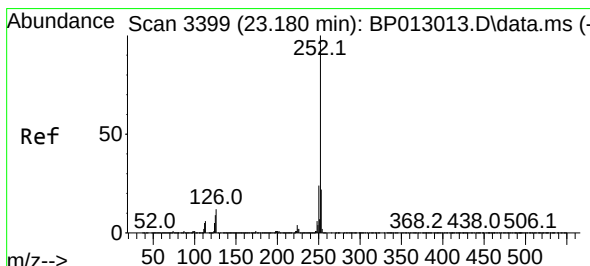
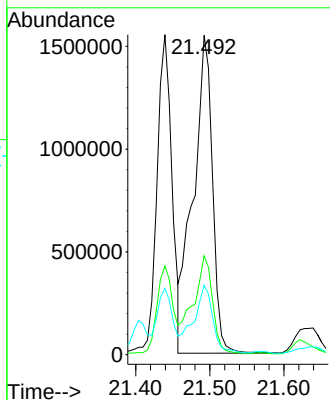
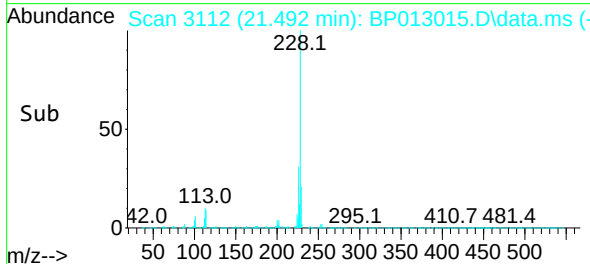
Instrument :
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DBXM0



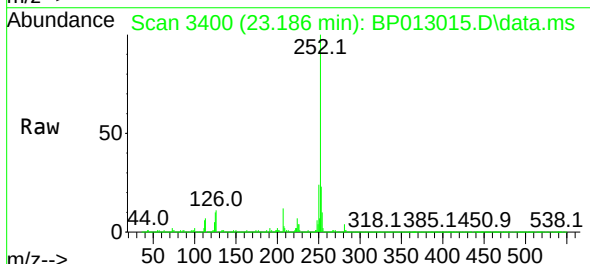
Tgt Ion:228 Resp: 2805239
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.7 16.0 24.0

Manual Integrations
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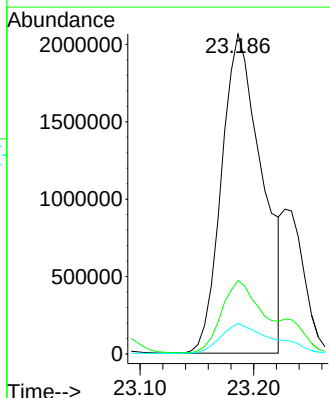
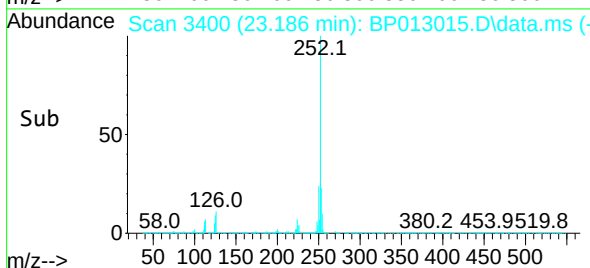
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Supervised By :mohammad ahmed 12/10/2022

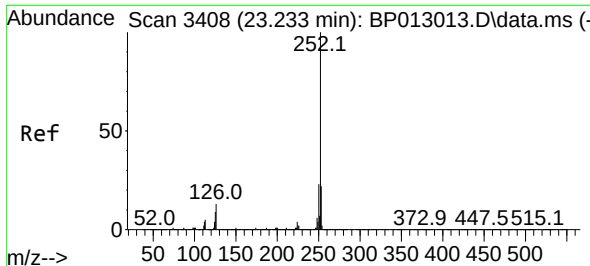


#90
Benzo(b)fluoranthene
Concen: 22.898 ng/u1
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



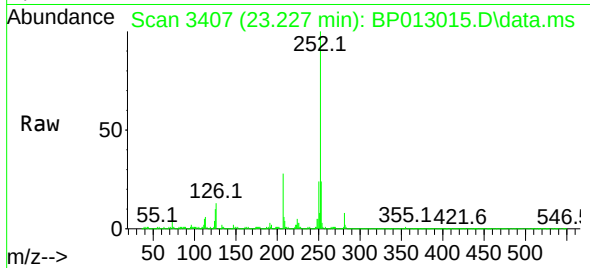
Tgt Ion:252 Resp: 5109982
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.5 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 5.651 ng/ul m
RT: 23.227 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

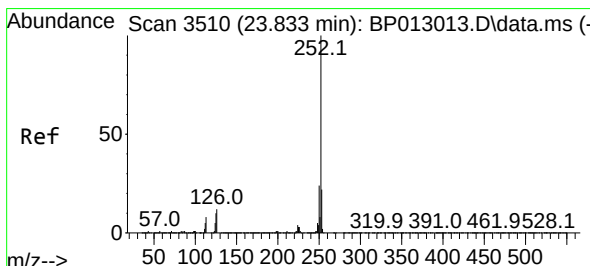
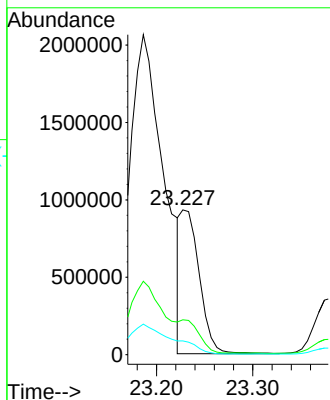
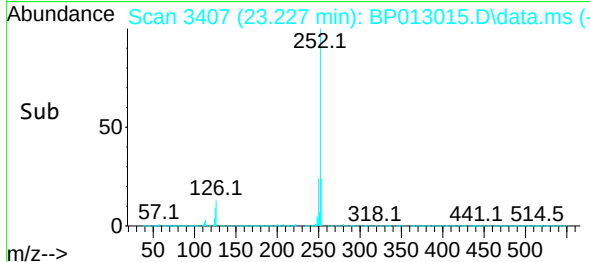
Instrument :
BNA_P
ClientSampleId :
DBXM0



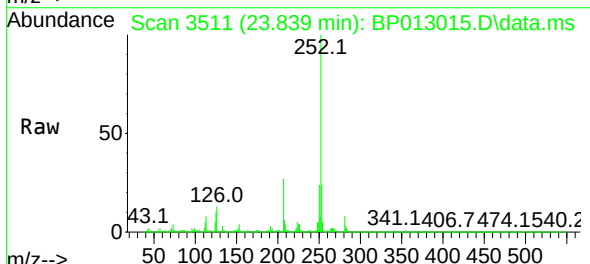
Tgt Ion:252 Resp: 1250460
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 9.5 6.8 10.2

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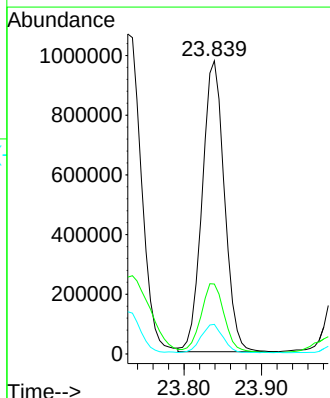
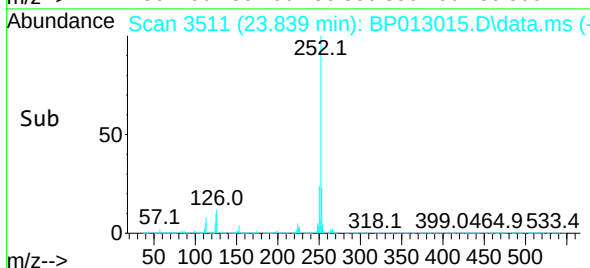
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

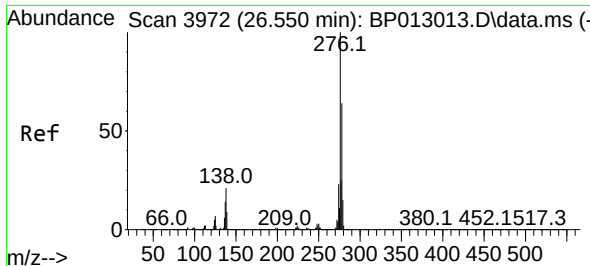


#93
Benzo(a)pyrene
Concen: 9.974 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



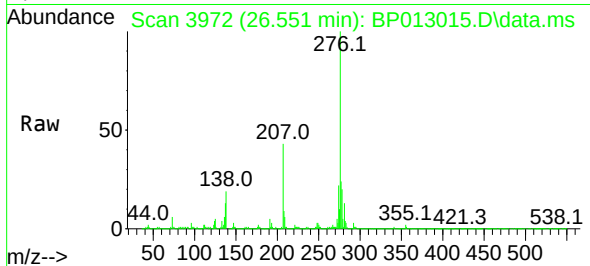
Tgt Ion:252 Resp: 1938144
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.1 7.5 11.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 8.066 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24

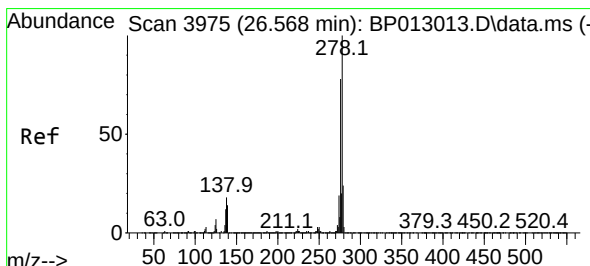
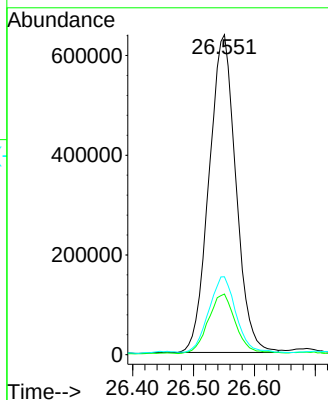
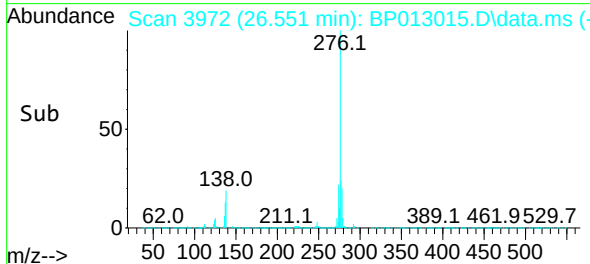
Instrument :
BNA_P
ClientSampleId :
DBXM0



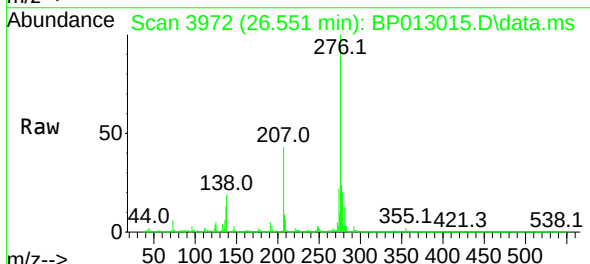
Tgt Ion:276 Resp: 1952200
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.3 20.0 30.0

Manual Integrations
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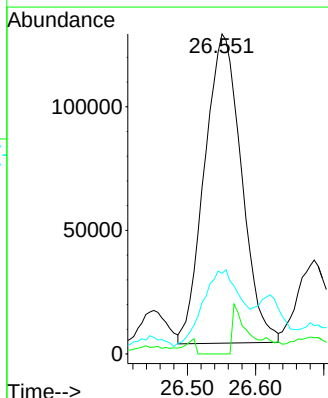
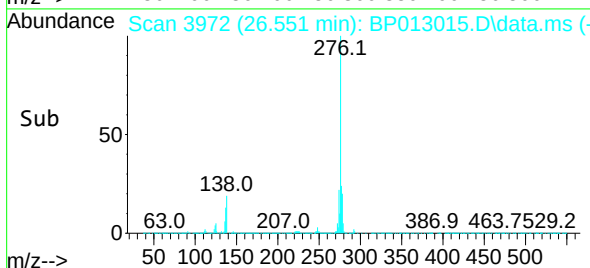
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

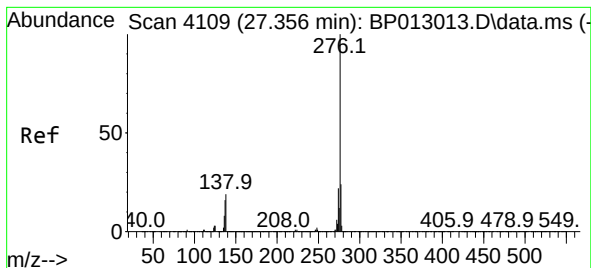


#95
Dibenzo(a,h)anthracene
Concen: 2.350 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.017 min
Lab File: BP013015.D
Acq: 09 Dec 2022 13:24



Tgt Ion:278 Resp: 471036
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 25.2 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 8.206 ng/ul

RT: 27.351 min Scan# 4108

Delta R.T. 0.000 min

Lab File: BP013015.D

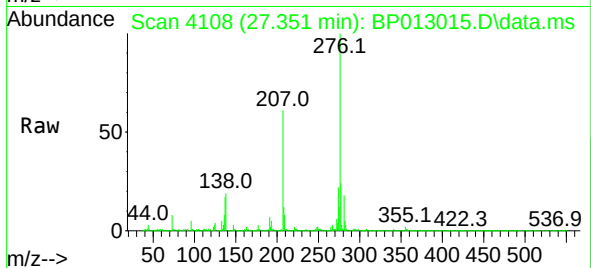
Acq: 09 Dec 2022 13:24

Instrument :

BNA_P

ClientSampleId :

DBXM0



Tgt Ion:276 Resp: 1594618

Ion Ratio Lower Upper

276 100

138 19.5 15.4 23.2

277 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022

Supervised By :mohammad ahmed 12/10/2022

