

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013016.D
 Acq On : 09 Dec 2022 13:58
 Operator : CG/JU
 Sample : N5896-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM4

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Dec 09 21:53:17 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	579087	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2532608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1690262	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3734393	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3347541	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3213599	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	28786	2.125	ng/uL	0.00
4) Pyridine-d5	3.787	84	213316	5.544	ng/u1	0.00
7) Phenol-d5	7.128	99	574091	12.171	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	409755	14.401	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	513819	13.838	ng/u1	-0.01
15) 4-Methylphenol-d8	8.675	113	510429	13.207	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	259768	13.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	301050	14.371	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	535328	13.156	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	674009	11.733	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1954223	15.044	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	2202799	15.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	111322	4.764	ng/u1	0.00
60) Fluorene-d10	15.604	176	1799601	16.375	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	159184	6.624	ng/u1	0.00
73) Anthracene-d10	17.469	188	2827165	16.781	ng/u1	0.00
81) Pyrene-d10	19.698	212	3346236	17.415	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	2680888	16.737	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.334	152	430577	2.806	ng/u1	99
52) Acenaphthene	14.675	153	154947	1.457	ng/u1	99
61) Fluorene	15.657	166	263441	2.173	ng/u1	98
72) Phenanthrene	17.410	178	1994181	10.252	ng/u1	100
74) Anthracene	17.504	178	13758520	70.841	ng/u1	95
80) Fluoranthene	19.375	202	7379761	33.839	ng/u1	100
82) Pyrene	19.728	202	15425581	68.569	ng/u1#	92
85) Benzo(a)anthracene	21.439	228	3669626	16.513	ng/u1	97
87) Chrysene	21.498	228	6697520m	31.870	ng/u1	
90) Benzo(b)fluoranthene	23.192	252	11958022	58.354	ng/u1	98
91) Benzo(k)fluoranthene	23.233	252	2135811m	10.511	ng/u1	
93) Benzo(a)pyrene	23.839	252	4831143	27.076	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.551	276	2342949	10.542	ng/u1	97
95) Dibenzo(a,h)anthracene	26.562	278	628003	3.413	ng/u1#	86
96) Benzo(g,h,i)perylene	27.351	276	1492516	8.365	ng/u1	99

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

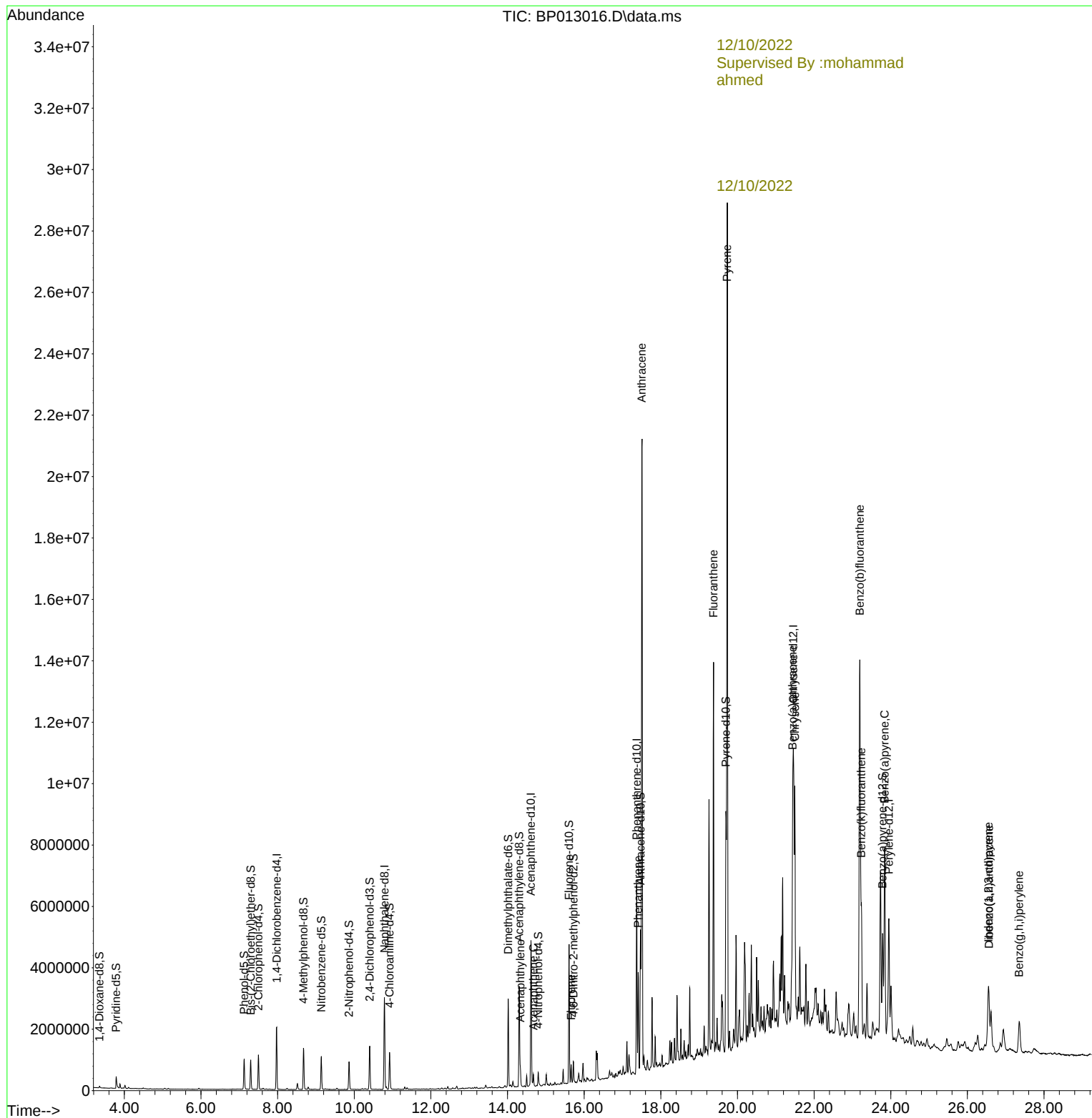
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
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ALS Vial : 43 Sample Multiplier: 1

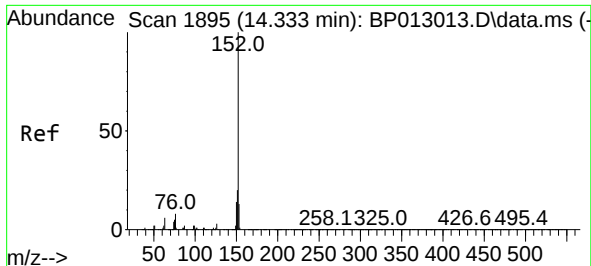
Instrument :
BNA_P
ClientSampleId :
DBXM4

Quant Time: Dec 09 21:53:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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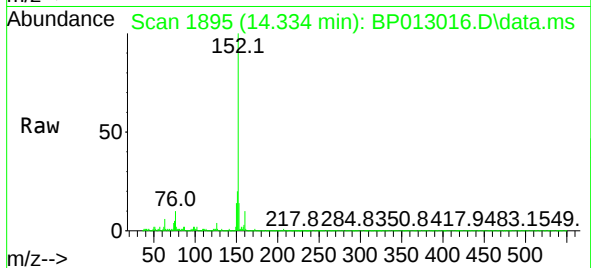
#50
Acenaphthylene
Concen: 2.806 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Instrument :

BNP_P

ClientSampleId :

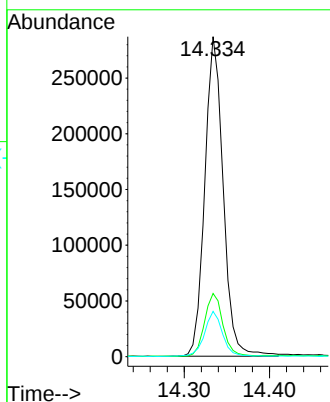
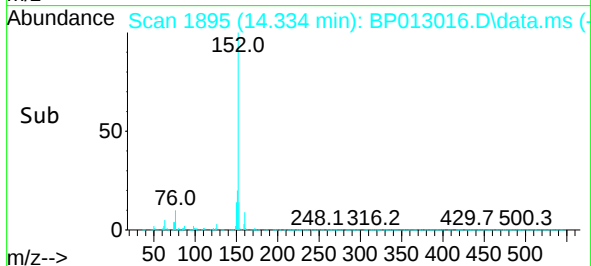
DBXM4



Tgt Ion:152 Resp: 43057
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 14.2 10.6 16.0

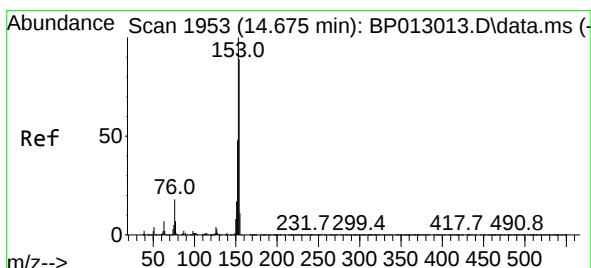
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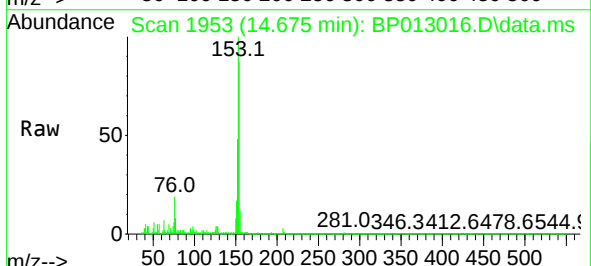


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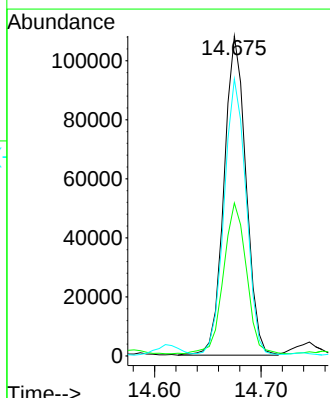
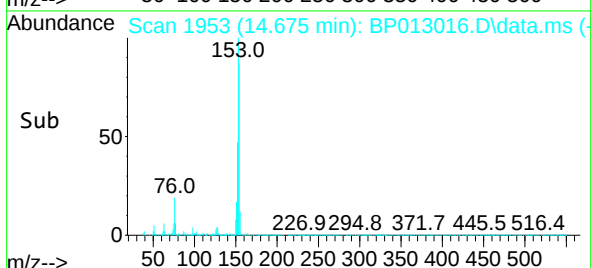
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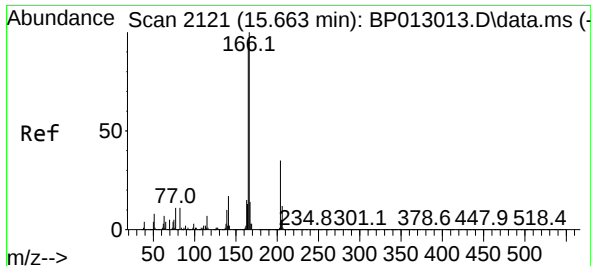


#52
Acenaphthene
Concen: 1.457 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58



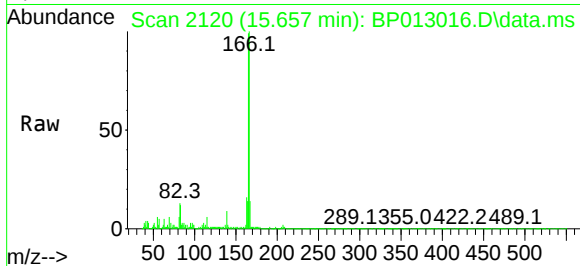
Tgt Ion:153 Resp: 154947
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 86.6 70.8 106.2





#61
Fluorene
Concen: 2.173 ng/ul
RT: 15.657 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

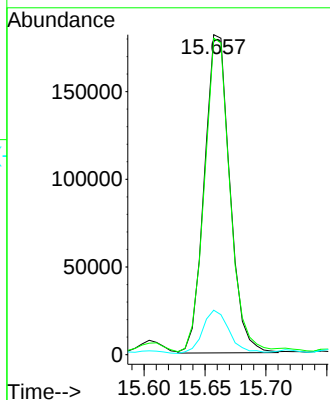
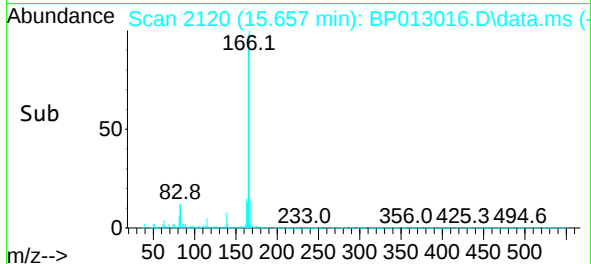
Instrument :
BNA_P
ClientSampleId :
DBXM4



Tgt Ion:166 Resp: 26344
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.2
167 13.9 10.6 16.0

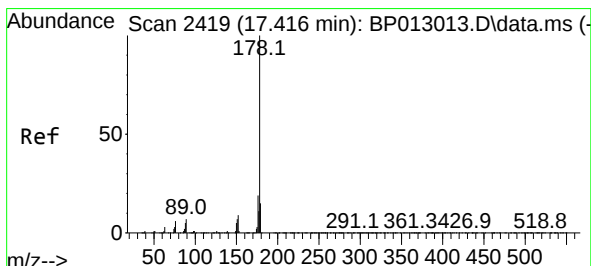
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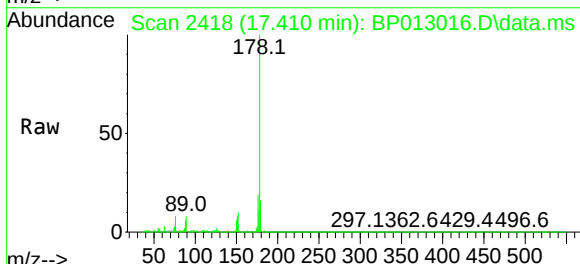


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ahmed

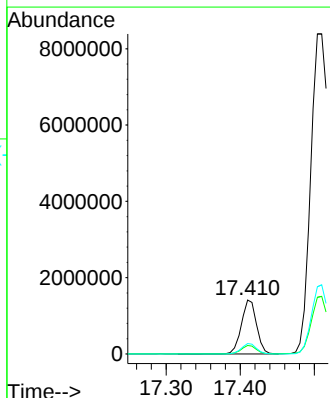
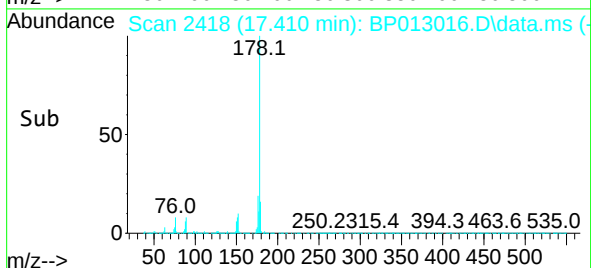
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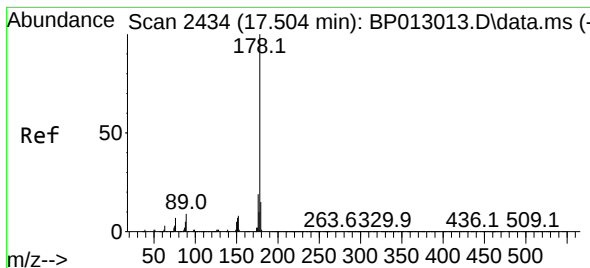


#72
Phenanthrene
Concen: 10.252 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58



Tgt Ion:178 Resp: 1994181
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.2 15.4 23.0





#74

Anthracene

Concen: 70.841 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

Tgt Ion:178 Resp:13758520

Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

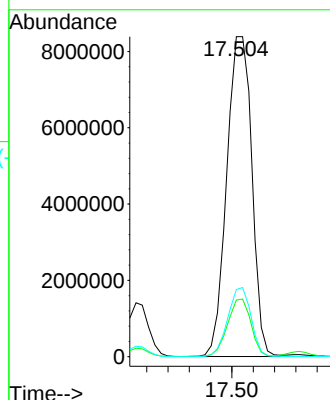
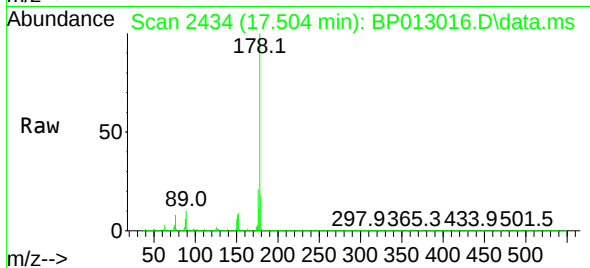
176 21.0 14.8 22.2

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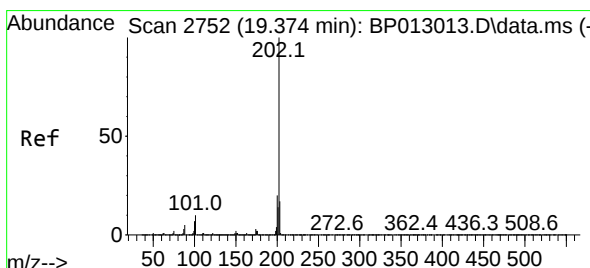
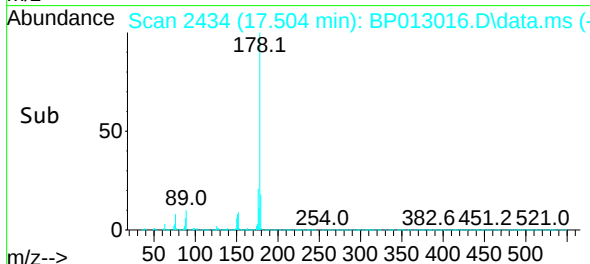
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#80

Fluoranthene

Concen: 33.839 ng/ul

RT: 19.375 min Scan# 2752

Delta R.T. 0.000 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

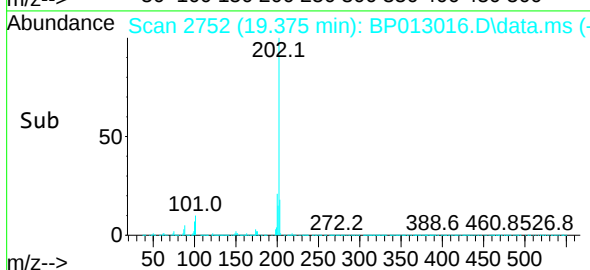
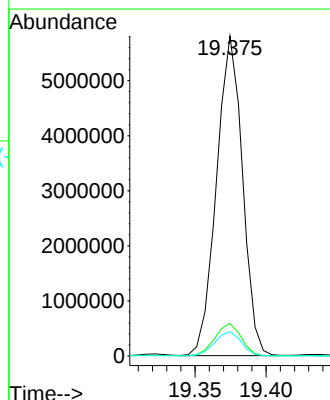
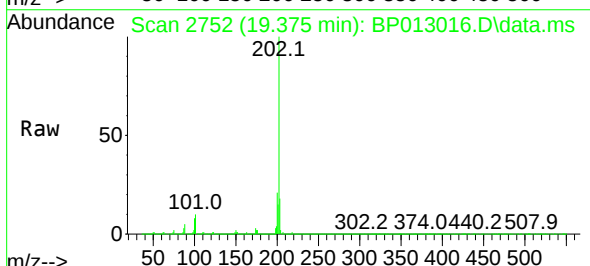
Tgt Ion:202 Resp: 7379761

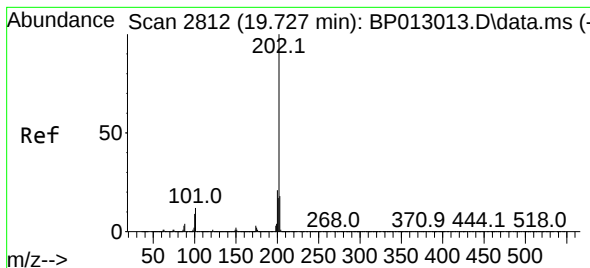
Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

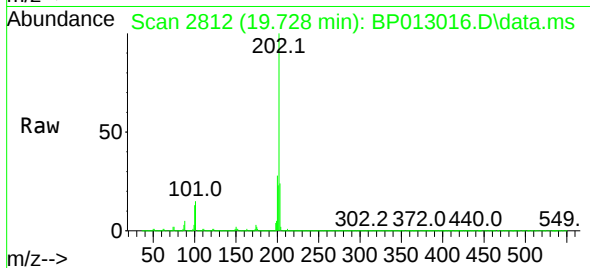
100 7.5 6.1 9.1





#82
Pyrene
Concen: 68.569 ng/u1
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

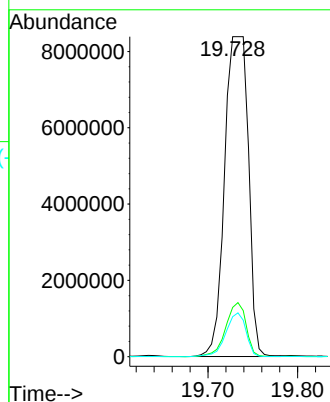
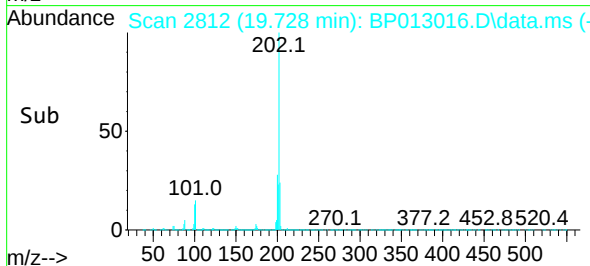
Instrument :
BNA_P
ClientSampleId :
DBXM4



Tgt Ion:202 Resp:1542558
Ion Ratio Lower Upper
202 100
101 15.4 9.4 14.2
100 12.5 7.8 11.8

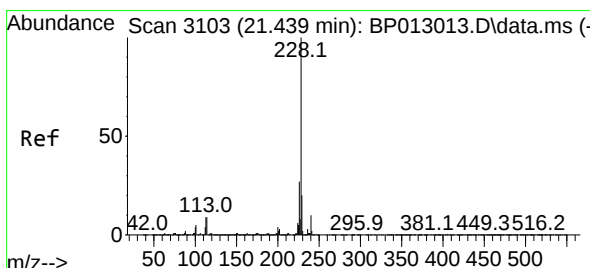
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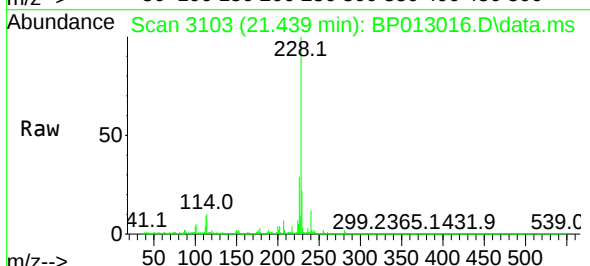


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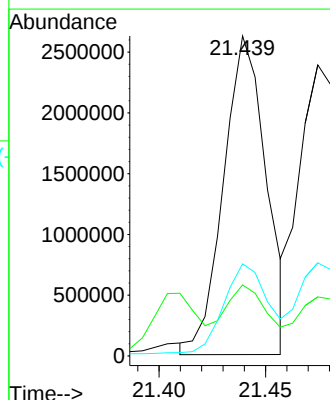
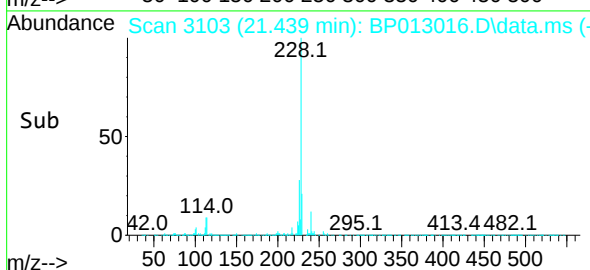
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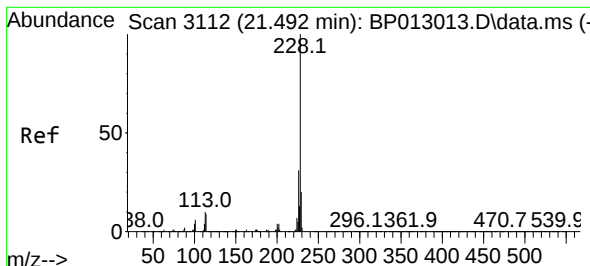


#85
Benzo(a)anthracene
Concen: 16.513 ng/u1
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58



Tgt Ion:228 Resp: 3669626
Ion Ratio Lower Upper
228 100
229 22.2 16.1 24.1
226 28.8 22.0 33.0





#87

Chrysene

Concen: 31.870 ng/ul m

RT: 21.498 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

Tgt Ion:228 Resp: 6697520

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

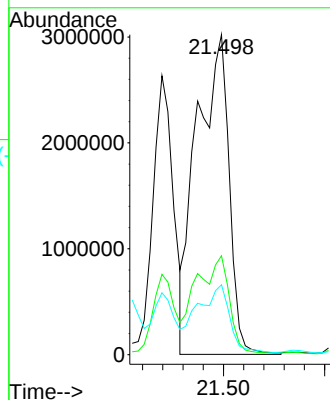
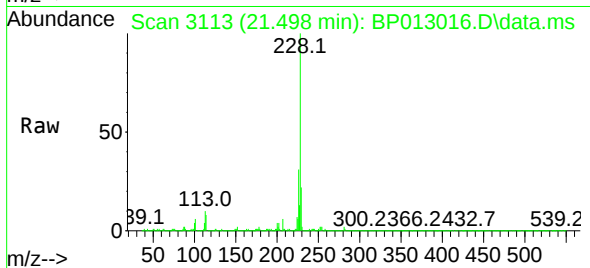
229 21.9 16.0 24.0

Manual Integrations

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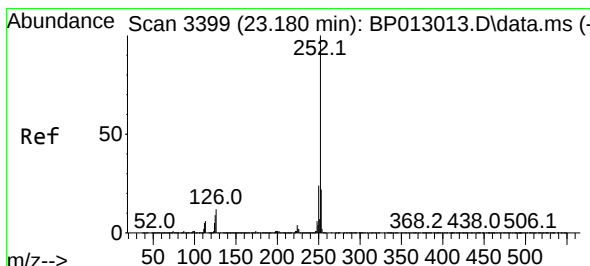
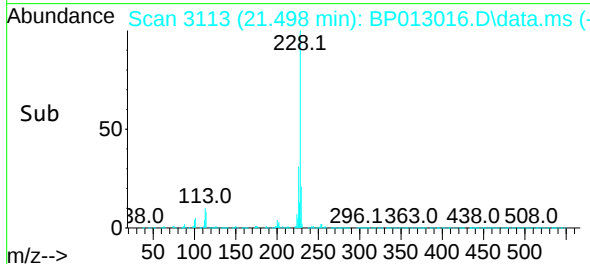
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#90

Benzo(b)fluoranthene

Concen: 58.354 ng/ul

RT: 23.192 min Scan# 3401

Delta R.T. 0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

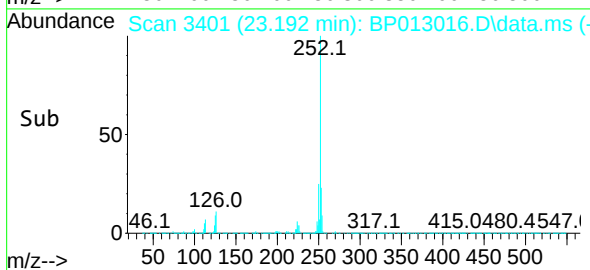
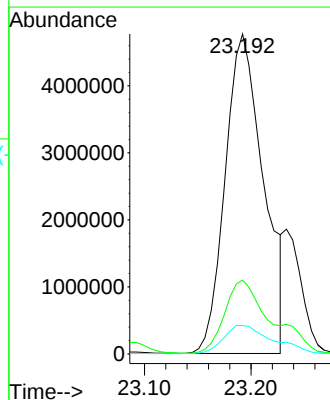
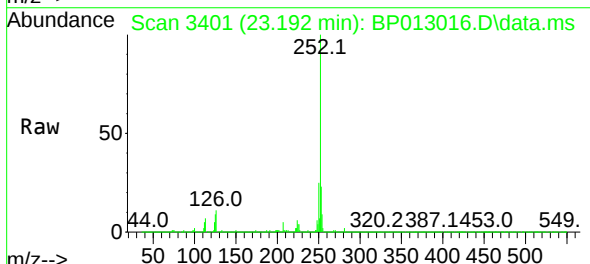
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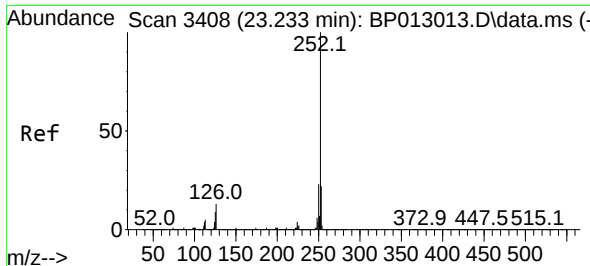
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 8.9 6.8 10.2





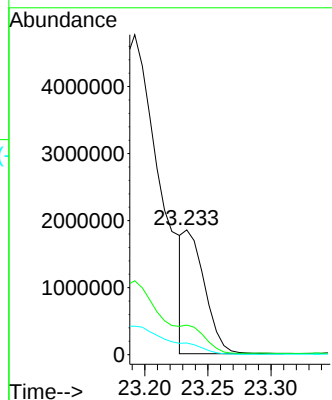
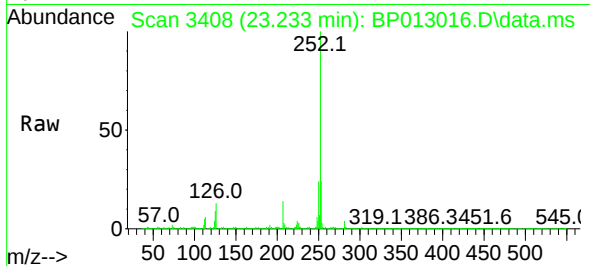
#91
Benzo(k)fluoranthene
Concen: 10.511 ng/ul m
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Instrument :
BNA_P
ClientSampleId :
DBXM4

Tgt Ion:252 Resp: 213581
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 9.4 6.8 10.2

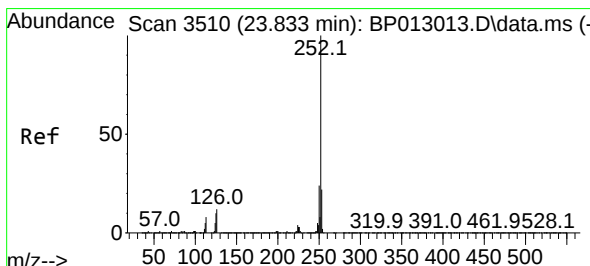
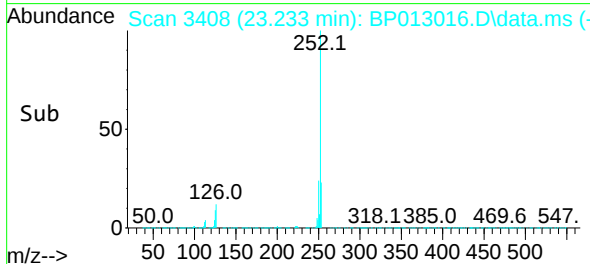
Manual Integrations
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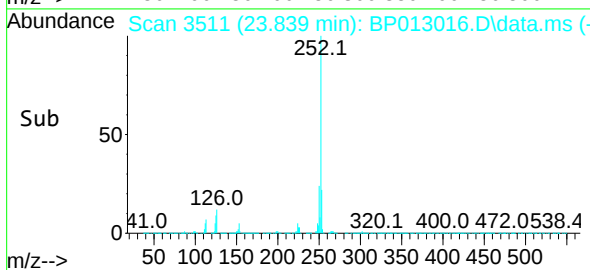
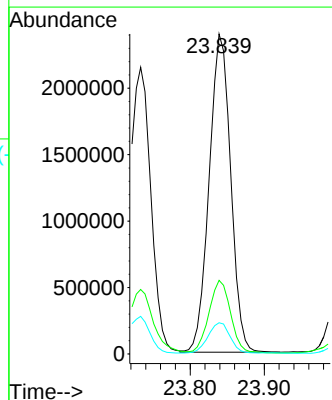
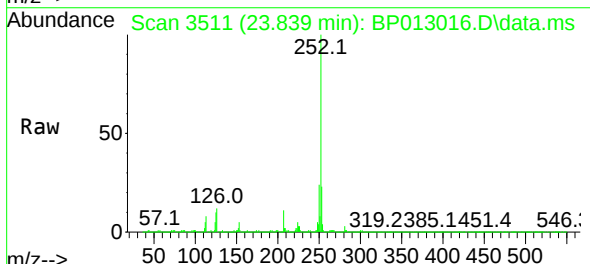
12/10/2022
Supervised By :mohammad
ahmed

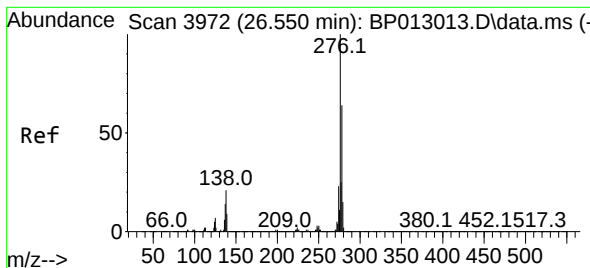
12/10/2022



#93
Benzo(a)pyrene
Concen: 27.076 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

Tgt Ion:252 Resp: 4831143
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 9.7 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.542 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

Instrument :

BNA_P

ClientSampleId :

DBXM4

Tgt Ion:276 Resp: 2342949

Ion Ratio Lower Upper

276 100

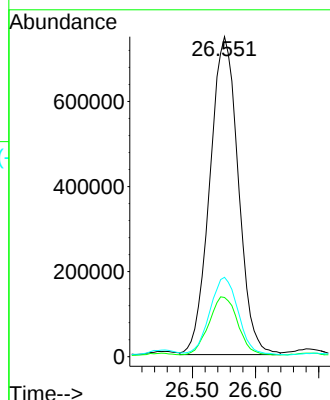
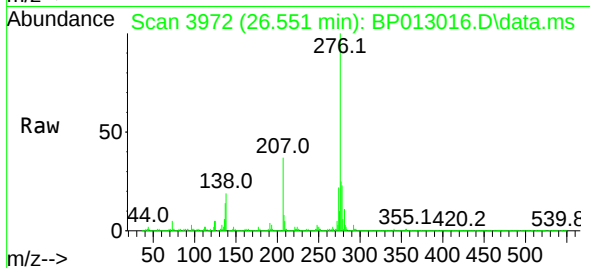
138 18.5 17.1 25.7

277 24.8 20.0 30.0

Manual Integrations

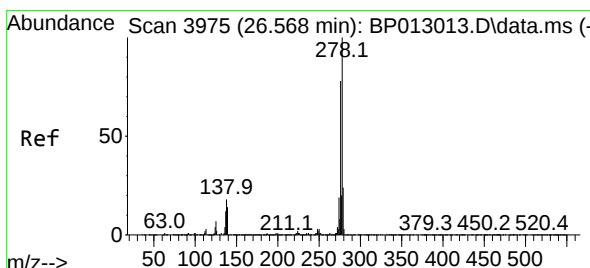
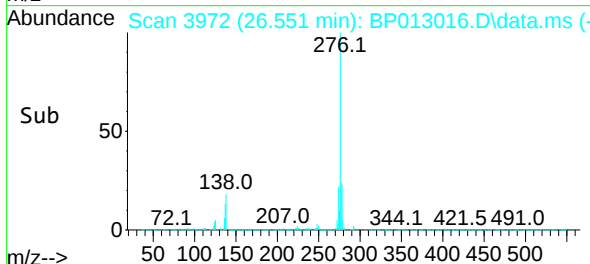
APPROVED

Reviewed By :Jagrut
Upadhyay



12/10/2022
Supervised By :mohammad
ahmed

12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 3.413 ng/ul

RT: 26.562 min Scan# 3974

Delta R.T. -0.006 min

Lab File: BP013016.D

Acq: 09 Dec 2022 13:58

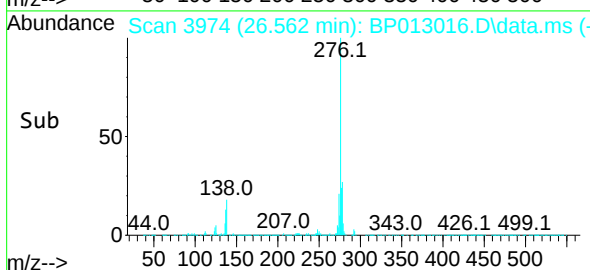
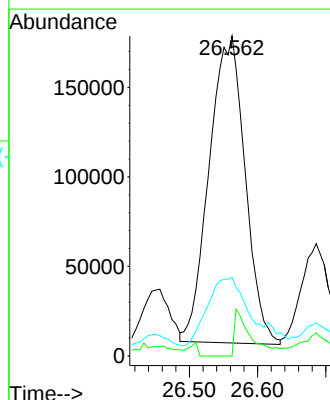
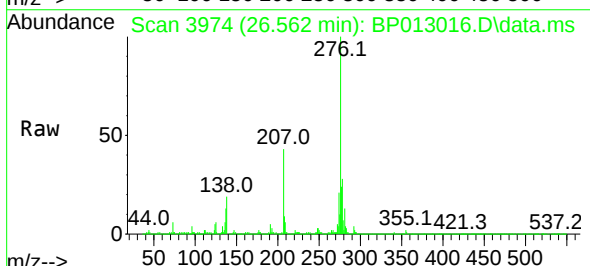
Tgt Ion:278 Resp: 628003

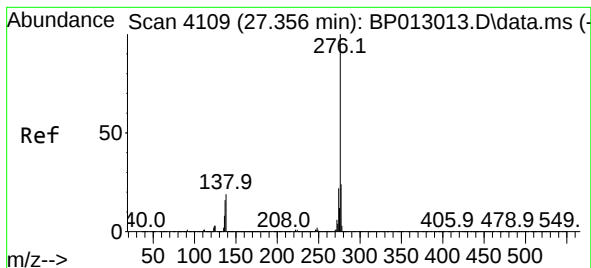
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

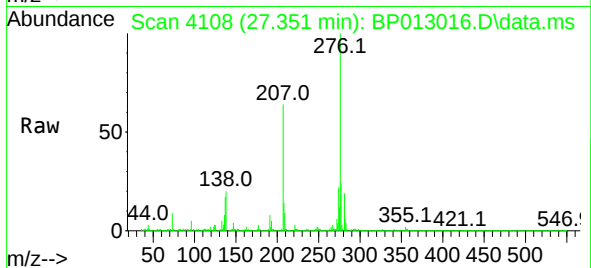
279 24.6 19.0 28.6





#96
Benzo(g,h,i)perylene
Concen: 8.365 ng/ul
RT: 27.351 min Scan# 4109
Delta R.T. 0.000 min
Lab File: BP013016.D
Acq: 09 Dec 2022 13:58

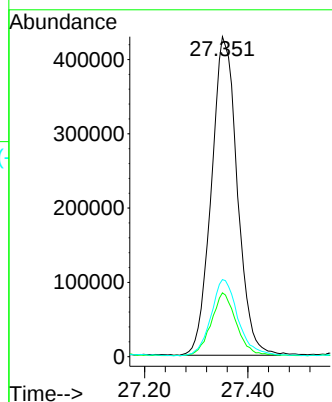
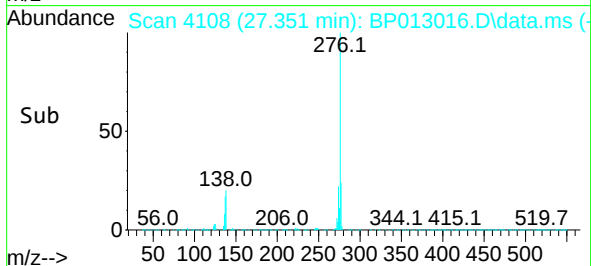
Instrument :
BNA_P
ClientSampleId :
DBXM4



Tgt Ion:276 Resp: 1492510
Ion Ratio Lower Upper
276 100
138 20.0 15.4 23.2
277 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



12/10/2022
Supervised By :mohammad
ahmed

12/10/2022