

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013021.D
 Acq On : 09 Dec 2022 16:49
 Operator : CG/JU
 Sample : N5896-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM7

Quant Time: Dec 09 21:56:27 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	739652	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3215814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2107653	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4583341	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3436538	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3157555	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	50056	2.894	ng/uL	0.00
4) Pyridine-d5	3.781	84	539846	10.986	ng/u1	0.00
7) Phenol-d5	7.128	99	1178118	19.555	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	669219	18.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	950528	20.042	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	962196	19.492	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	460269	19.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	560355	21.066	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	1030086	19.937	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1039540	14.252	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	3175386	19.603	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	3496974	19.647	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	408577	14.022	ng/u1	0.00
60) Fluorene-d10	15.604	176	2722327	19.865	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	427583	14.497	ng/u1	0.00
73) Anthracene-d10	17.469	188	4280064	20.699	ng/u1	0.00
81) Pyrene-d10	19.698	212	4749298	24.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	3257549	20.698	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	177526	1.056	ng/u1	99
50) Acenaphthylene	14.334	152	546089	2.854	ng/u1	99
72) Phenanthrene	17.410	178	942176	3.947	ng/u1	99
74) Anthracene	17.504	178	1504817	6.313	ng/u1	100
80) Fluoranthene	19.375	202	3852684	17.208	ng/u1	100
82) Pyrene	19.728	202	4699129	20.347	ng/u1	99
85) Benzo(a)anthracene	21.439	228	2614376	11.460	ng/u1	98
87) Chrysene	21.498	228	4556391	21.120	ng/u1	99
90) Benzo(b)fluoranthene	23.192	252	6937873	34.457	ng/u1	98
91) Benzo(k)fluoranthene	23.233	252	2033575m	10.185	ng/u1	
93) Benzo(a)pyrene	23.839	252	3344760	19.078	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.551	276	2763554	12.655	ng/u1	97
95) Dibenzo(a,h)anthracene	26.557	278	685647m	3.792	ng/u1	
96) Benzo(g,h,i)perylene	27.357	276	1996445	11.387	ng/u1	99

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

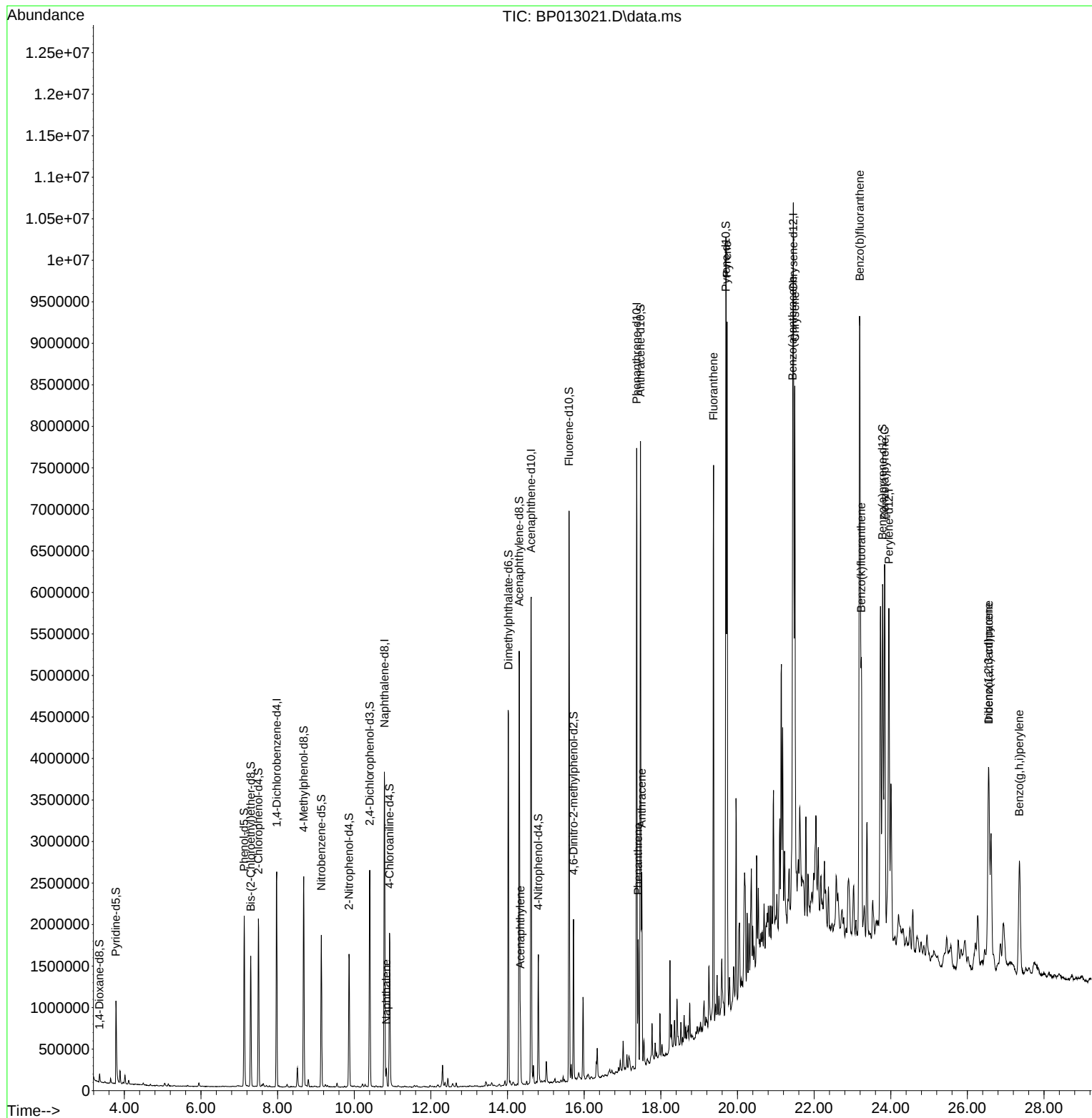
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013021.D
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 Operator : CG/JU
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 Misc :
 ALS Vial : 48 Sample Multiplier: 1

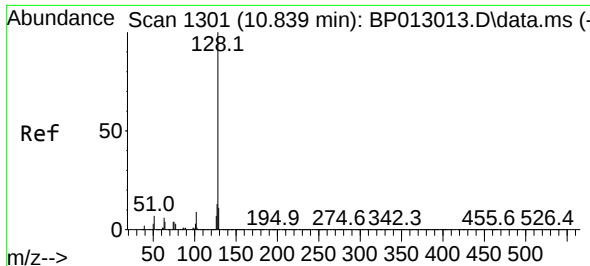
Instrument :
 BNA_P
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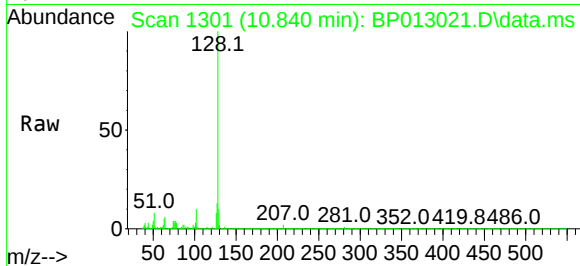
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 1.056 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

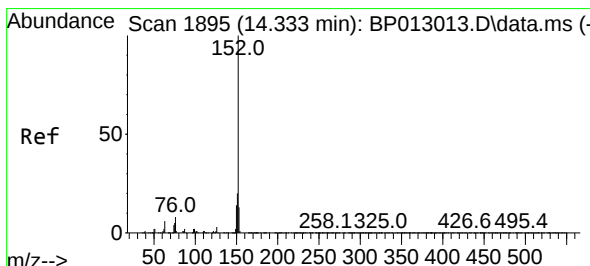
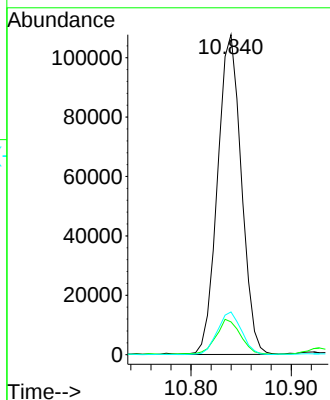
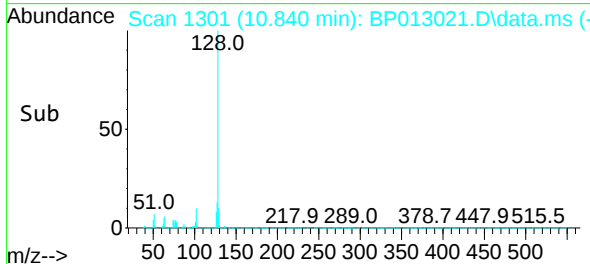
Instrument :
BNA_P
ClientSampleId :
DBXM7



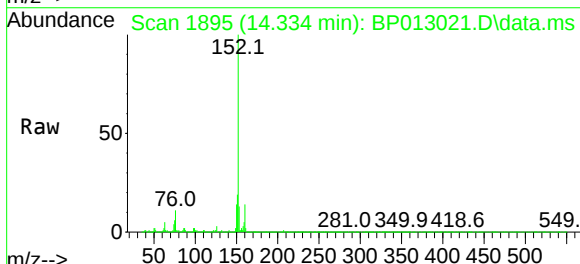
Tgt Ion:128 Resp: 177520
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 13.3 10.4 15.6

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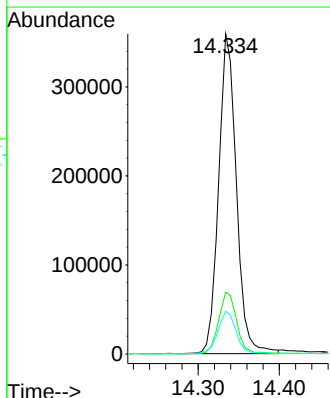
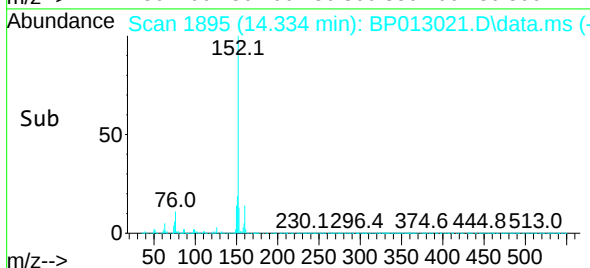
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

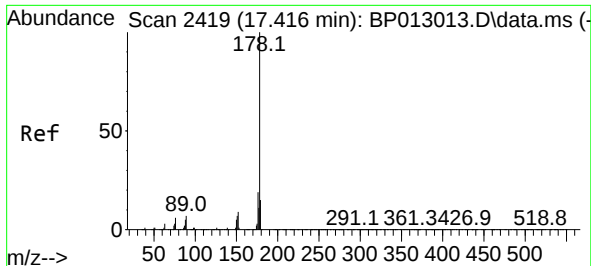


#50
Acenaphthylene
Concen: 2.854 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49



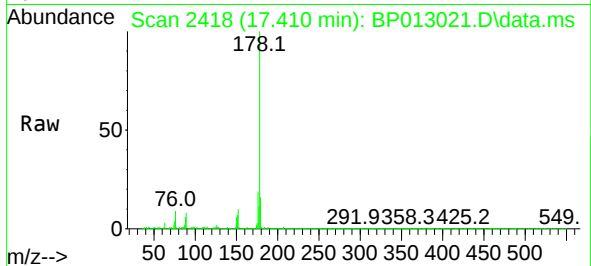
Tgt Ion:152 Resp: 546089
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.3 10.6 16.0





#72
Phenanthrene
Concen: 3.947 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

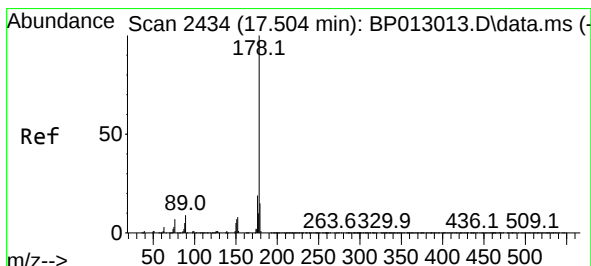
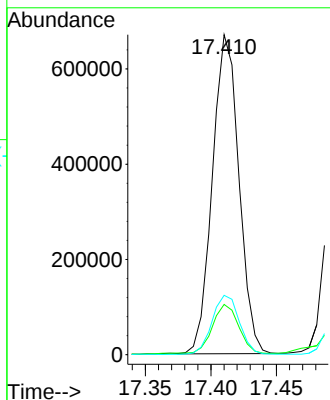
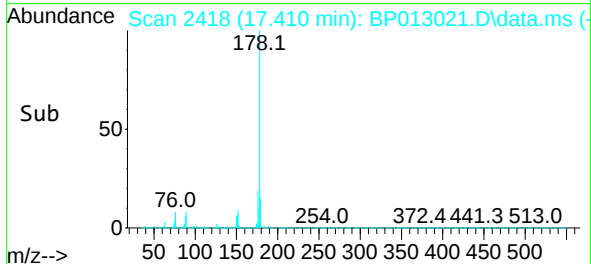
Instrument :
BNA_P
ClientSampleId :
DBXM7



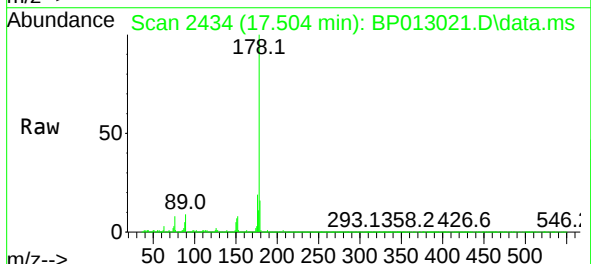
Tgt Ion:178 Resp: 942170
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.6 15.4 23.0

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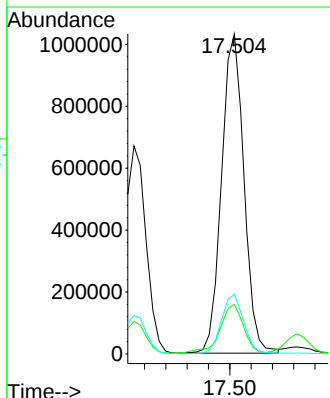
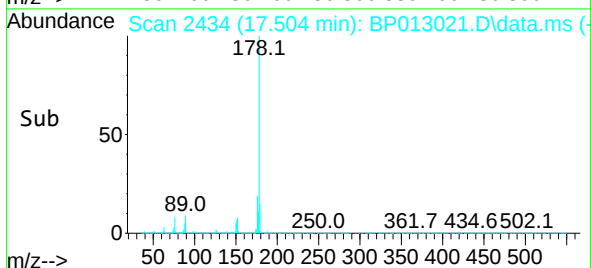
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

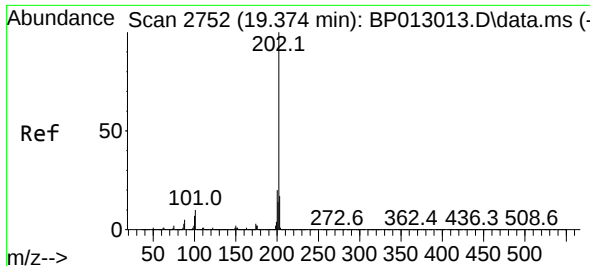


#74
Anthracene
Concen: 6.313 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49



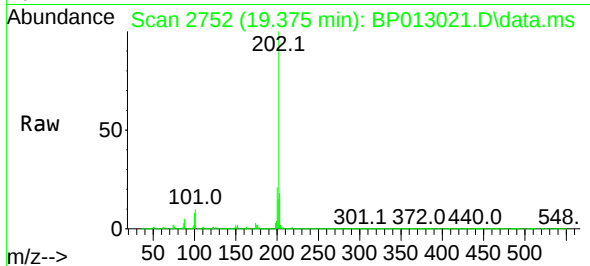
Tgt Ion:178 Resp: 1504817
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.7 14.8 22.2





#80
Fluoranthene
Concen: 17.208 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

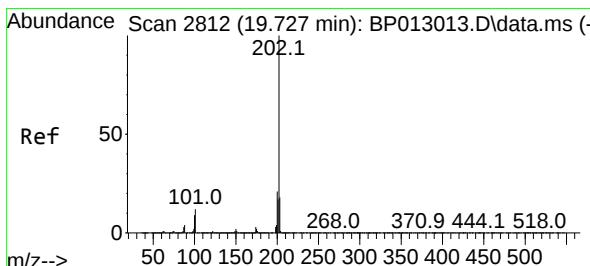
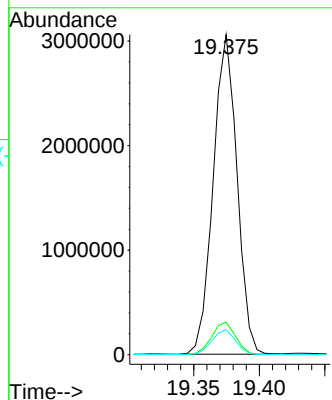
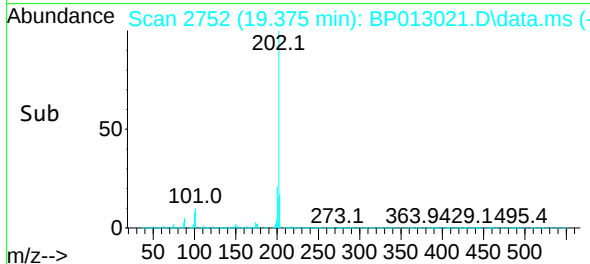
Instrument :
BNA_P
ClientSampleId :
DBXM7



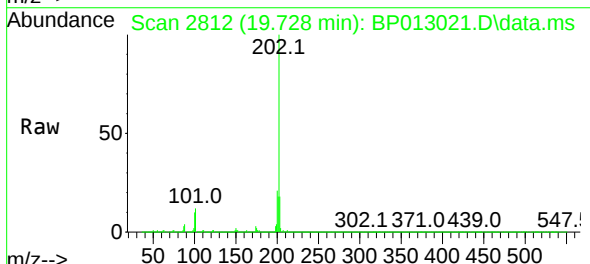
Tgt Ion:202 Resp: 3852684
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.8 6.1 9.1

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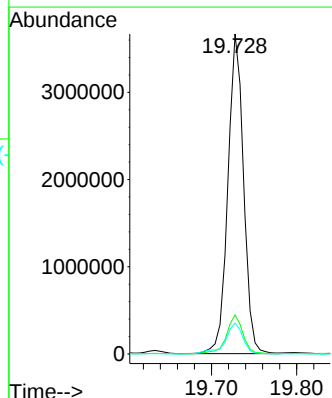
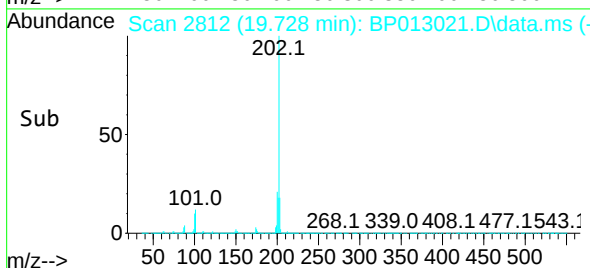
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

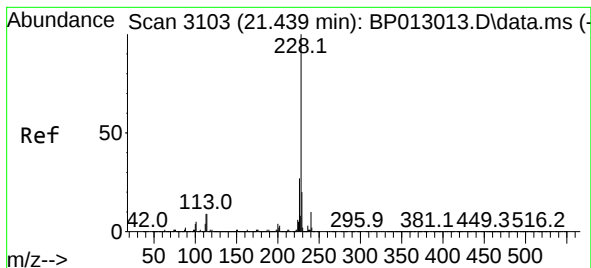


#82
Pyrene
Concen: 20.347 ng/u1
RT: 19.728 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49



Tgt Ion:202 Resp: 4699129
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.2
100 9.6 7.8 11.8





#85

Benzo(a)anthracene

Concen: 11.460 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

Instrument :

BNA_P

ClientSampleId :

DBXM7

Tgt Ion:228 Resp: 2614370

Ion Ratio Lower Upper

228 100

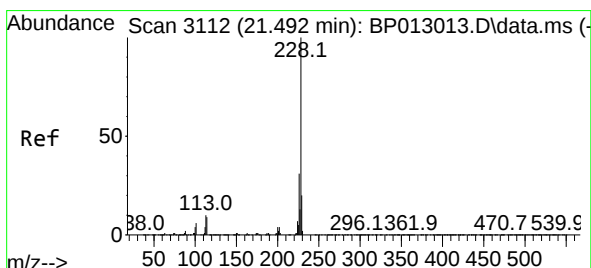
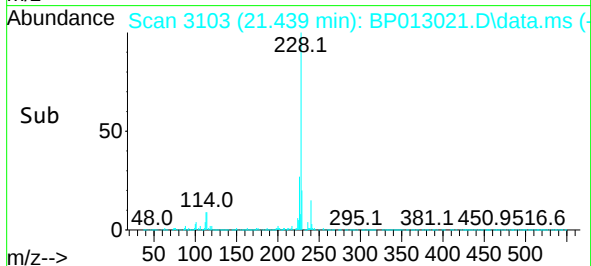
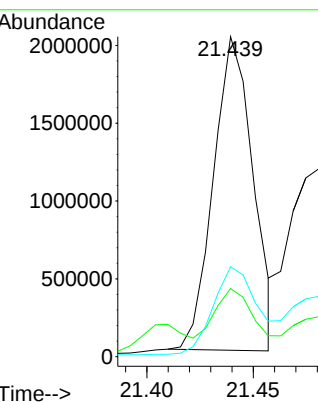
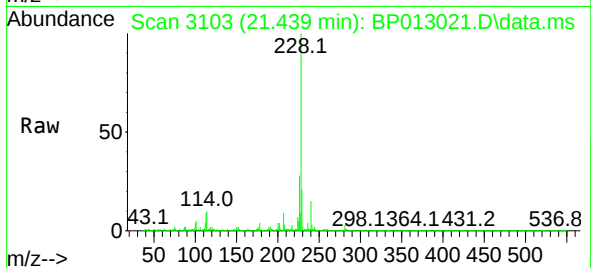
229 21.3 16.1 24.1

226 28.1 22.0 33.0

Manual Integrations

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



#87

Chrysene

Concen: 21.120 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

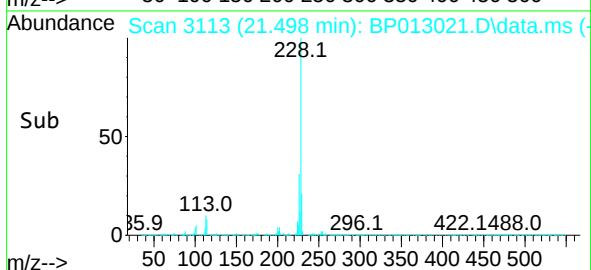
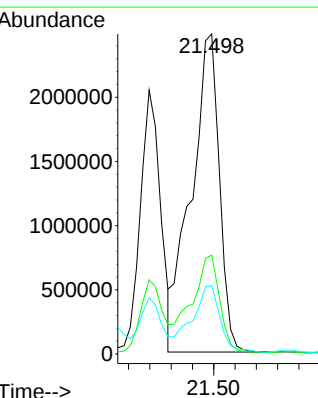
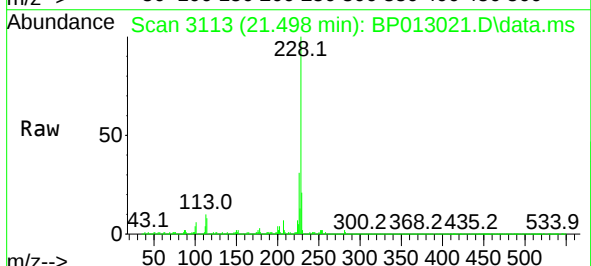
Tgt Ion:228 Resp: 4556391

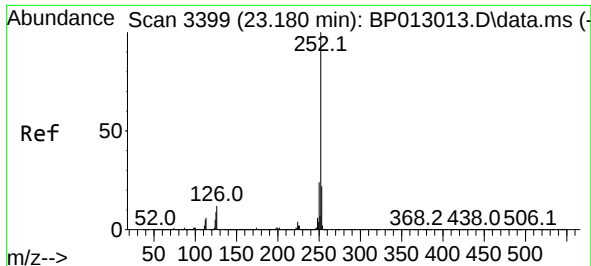
Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

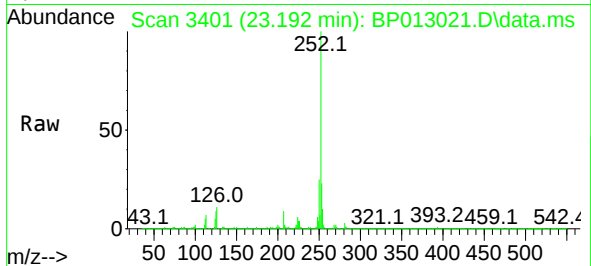
229 21.3 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 34.457 ng/uI
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

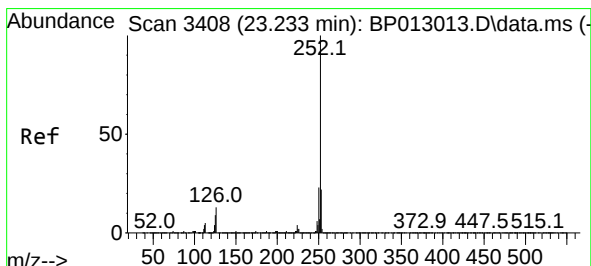
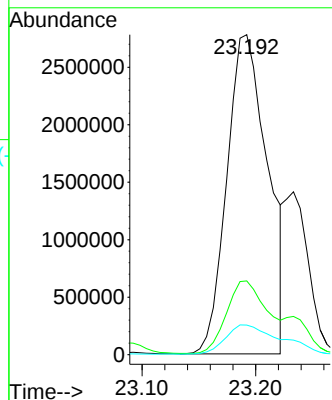
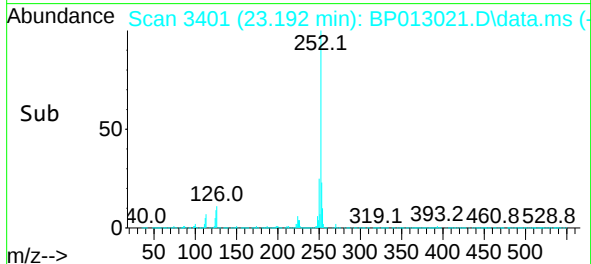
Instrument :
BNA_P
ClientSampleId :
DBXM7



Tgt Ion:252 Resp: 693787
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.2 6.8 10.2

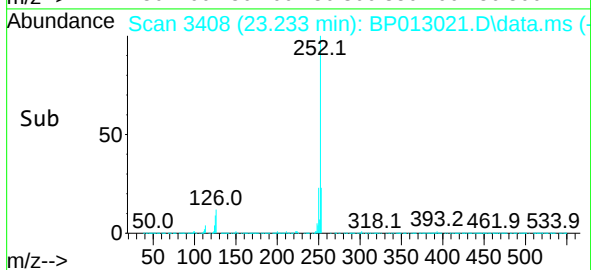
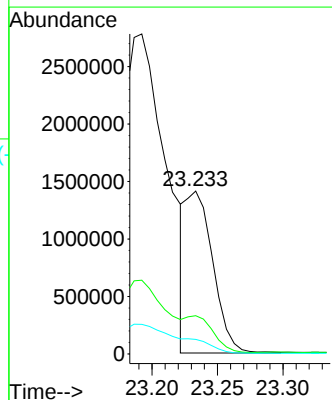
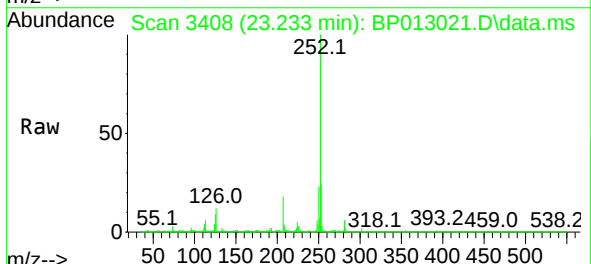
Manual Integrations
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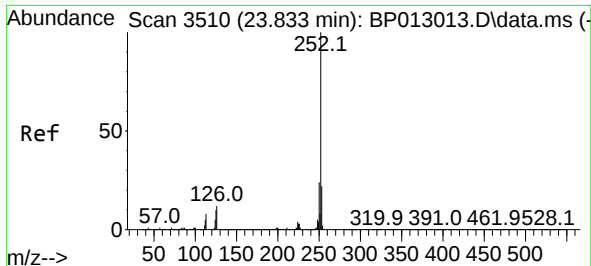
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#91
Benzo(k)fluoranthene
Concen: 10.185 ng/uI m
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

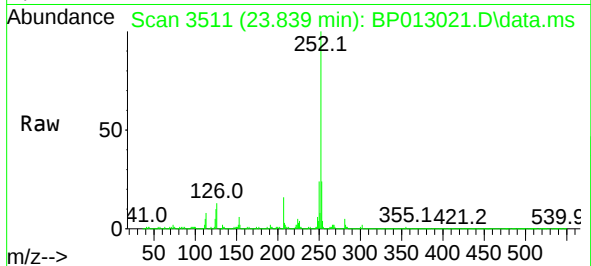
Tgt Ion:252 Resp: 2033575
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.0 6.8 10.2





#93
Benzo(a)pyrene
Concen: 19.078 ng/ul
RT: 23.839 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49

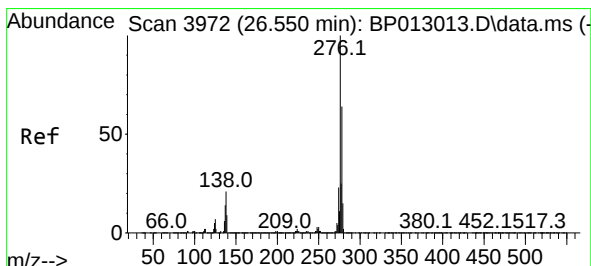
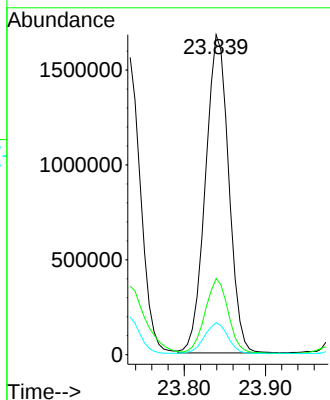
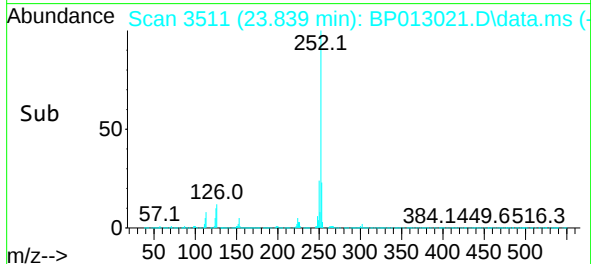
Instrument :
BNA_P
ClientSampleId :
DBXM7



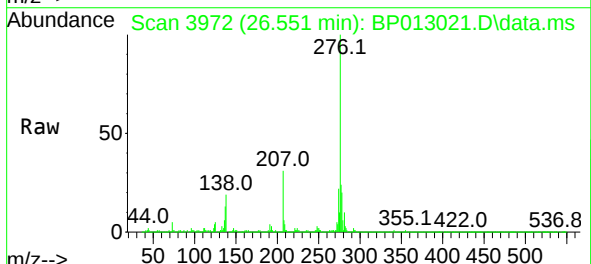
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Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.0 7.5 11.3

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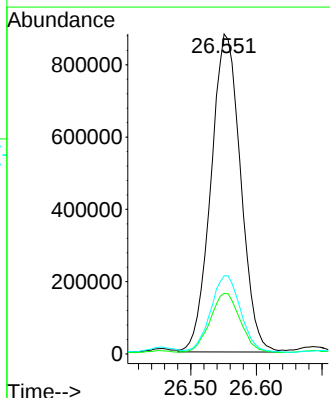
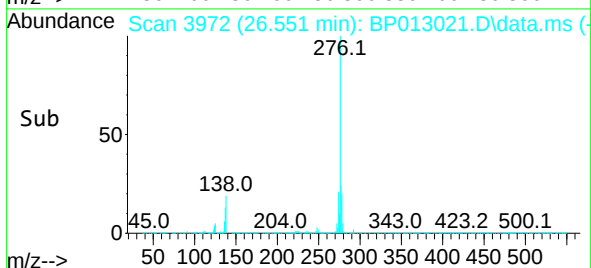
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

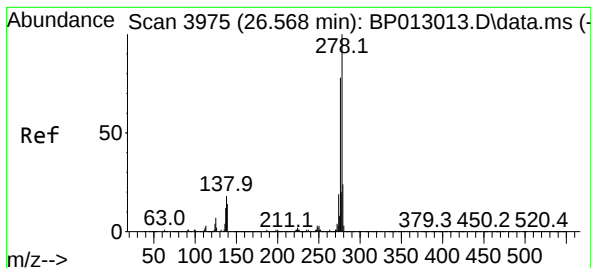


#94
Indeno(1,2,3-cd)pyrene
Concen: 12.655 ng/ul
RT: 26.551 min Scan# 3972
Delta R.T. -0.006 min
Lab File: BP013021.D
Acq: 09 Dec 2022 16:49



Tgt Ion:276 Resp: 2763554
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.4 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.792 ng/ul m

RT: 26.557 min Scan# 3975

Delta R.T. -0.012 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

Instrument :

BNA_P

ClientSampleId :

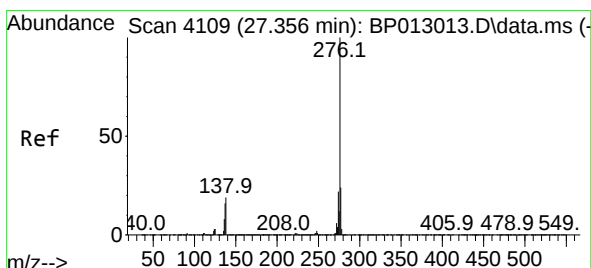
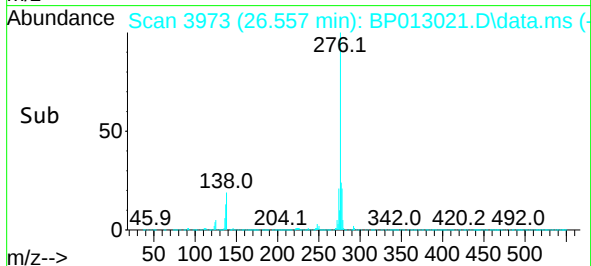
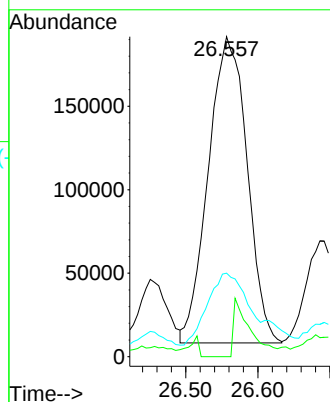
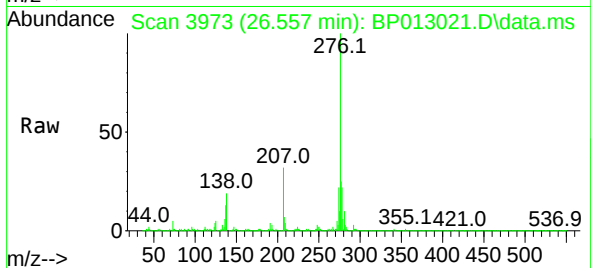
DBXM7

Tgt Ion:	278	Resp:	68564
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.1	16.7
279	26.1	19.0	28.6

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 11.387 ng/ul

RT: 27.357 min Scan# 4109

Delta R.T. 0.006 min

Lab File: BP013021.D

Acq: 09 Dec 2022 16:49

Tgt Ion:	276	Resp:	1996445
Ion Ratio	Lower	Upper	
276	100		
138	19.3	15.4	23.2
277	24.6	19.1	28.7

