

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013001.D
 Acq On : 09 Dec 2022 01:04
 Operator : CG/JU
 Sample : N5832-05DL2 30X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK2DL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 04:07:20 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	616643	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2680838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1858969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4256134	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	3895670	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3946063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.128	99	27083	0.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	19954	0.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	22953	0.581	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	21484	0.522	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	9267	0.470	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	8833	0.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	23658	0.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	14164	0.233	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	104432	0.731	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	94355	0.601	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.604	176	100449	0.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	7611	0.278	ng/u1	-0.01
73) Anthracene-d10	17.469	188	167593	0.873	ng/u1	0.00
81) Pyrene-d10	19.698	212	205158	0.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	155934	0.793	ng/u1	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.663	166	304482	2.283	ng/u1	98
72) Phenanthrene	17.410	178	930113	4.196	ng/u1	99
74) Anthracene	17.504	178	8142587	36.786	ng/u1	99
80) Fluoranthene	19.369	202	1680831	6.623	ng/u1	100
82) Pyrene	19.722	202	2918208	11.147	ng/u1	99
85) Benzo(a)anthracene	21.439	228	1068624	4.132	ng/u1	98
87) Chrysene	21.492	228	1815384	7.423	ng/u1	99
90) Benzo(b)fluoranthene	23.180	252	2868706	11.400	ng/u1	99
91) Benzo(k)fluoranthene	23.227	252	507278m	2.033	ng/u1	
93) Benzo(a)pyrene	23.827	252	1101988	5.030	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.545	276	490935	1.799	ng/u1	95
96) Benzo(g,h,i)perylene	27.345	276	314922	1.437	ng/u1	99

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

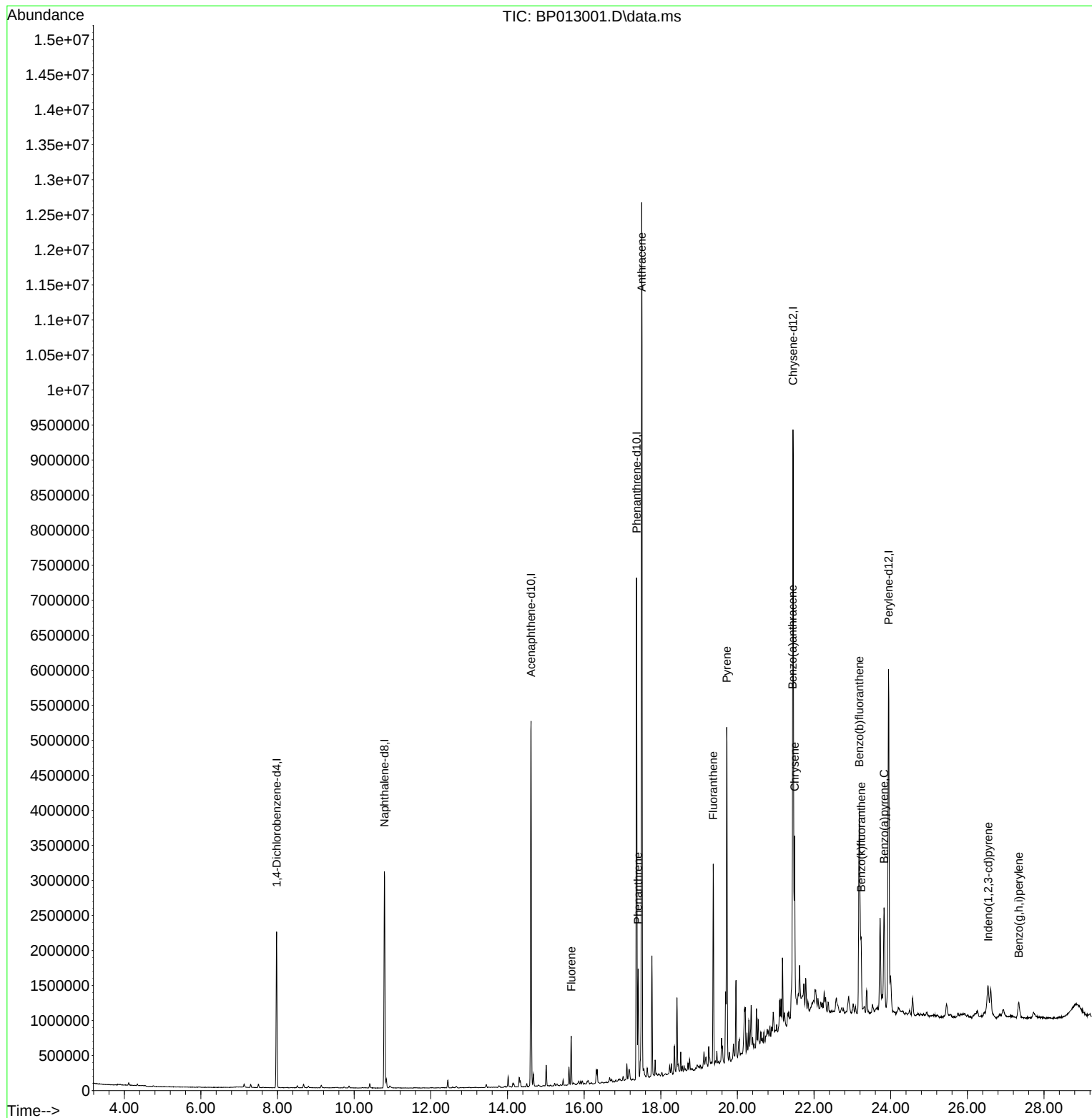
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013001.D
Acq On : 09 Dec 2022 01:04
Operator : CG/JU
Sample : N5832-05DL2 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

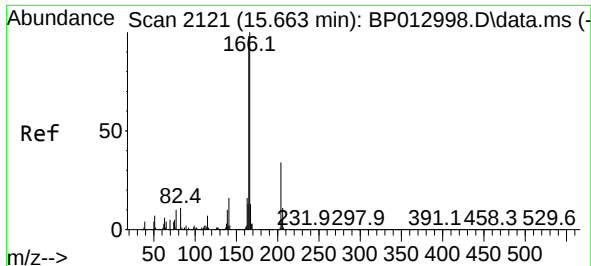
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2

Quant Time: Dec 09 04:07:20 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

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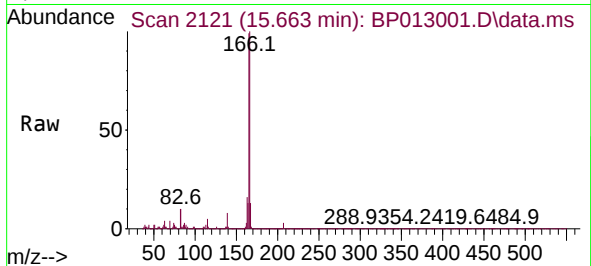
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#61
Fluorene
Concen: 2.283 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

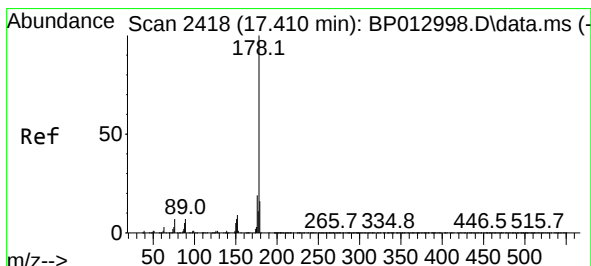
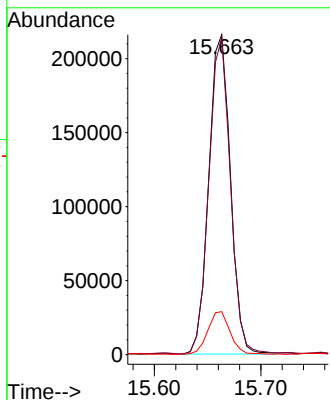
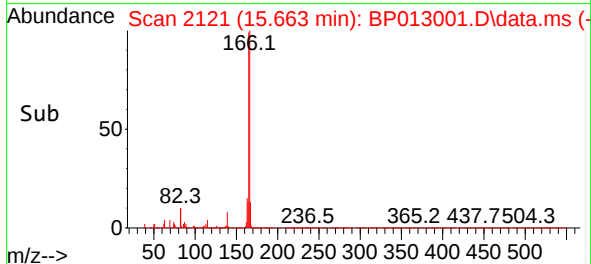
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2



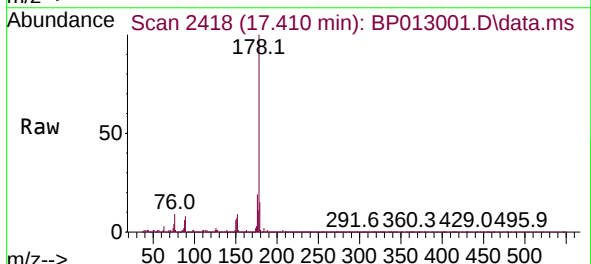
Tgt Ion:166 Resp: 304482
Ion Ratio Lower Upper
166 100
165 99.1 77.4 116.2
167 13.4 10.6 16.0

Manual Integrations
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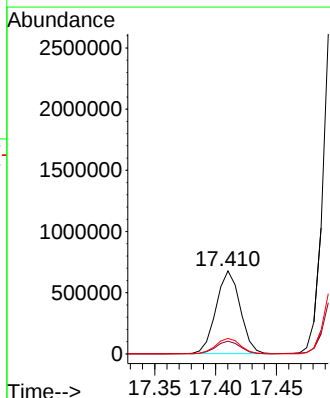
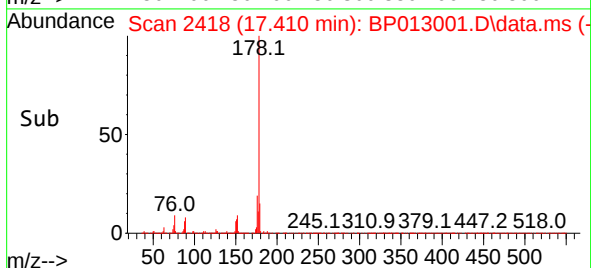
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

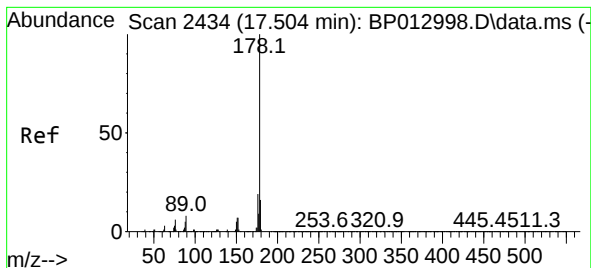


#72
Phenanthrene
Concen: 4.196 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04



Tgt Ion:178 Resp: 930113
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.6 15.4 23.0





#74

Anthracene

Concen: 36.786 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBXK2DL2

Tgt Ion:178 Resp: 814258

Ion Ratio Lower Upper

178 100

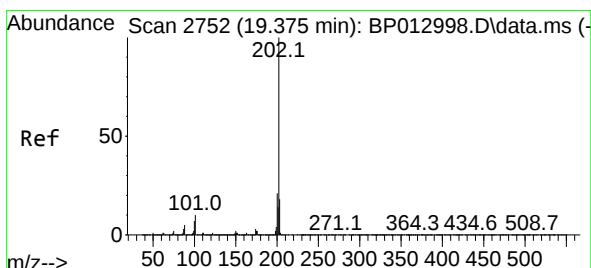
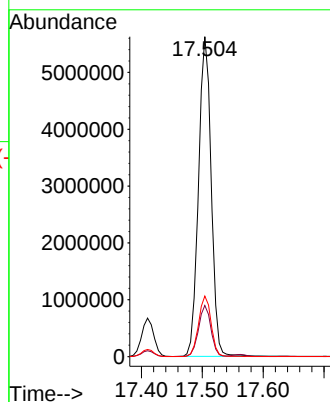
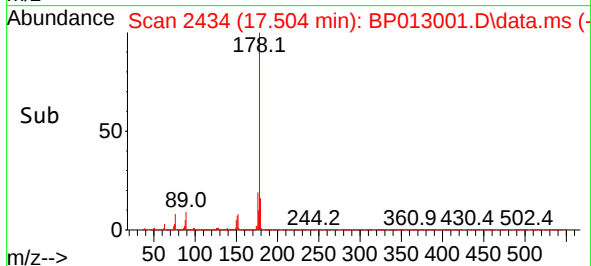
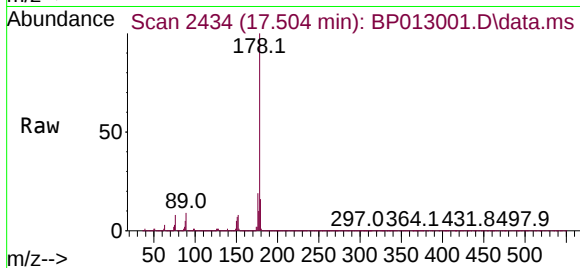
179 16.0 12.5 18.7

176 19.0 14.8 22.2

Manual Integrations

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#80

Fluoranthene

Concen: 6.623 ng/ul

RT: 19.369 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BP013001.D

Acq: 09 Dec 2022 01:04

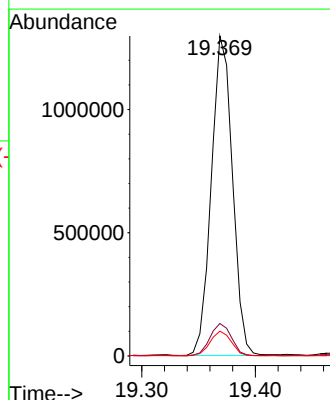
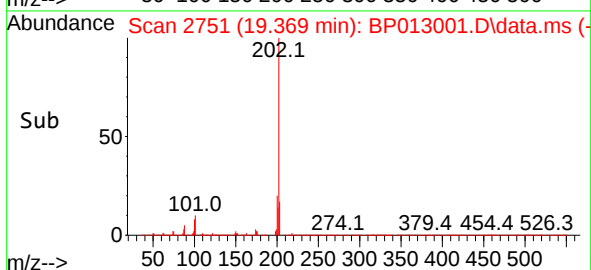
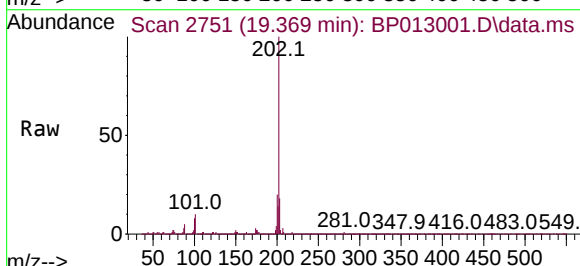
Tgt Ion:202 Resp: 1680831

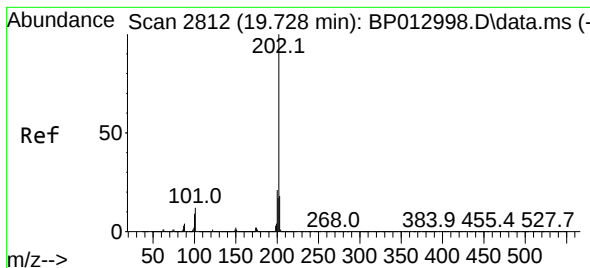
Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

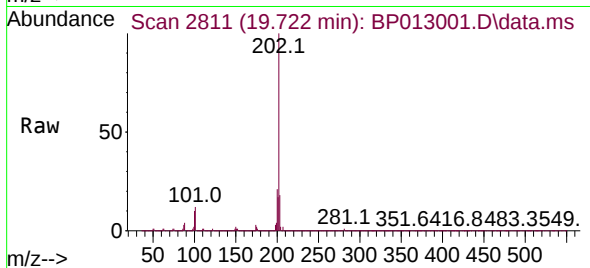
100 7.7 6.1 9.1





#82
Pyrene
Concen: 11.147 ng/ul
RT: 19.722 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

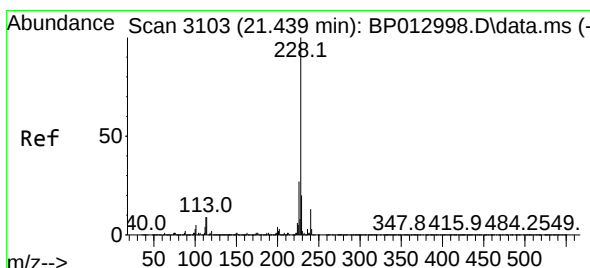
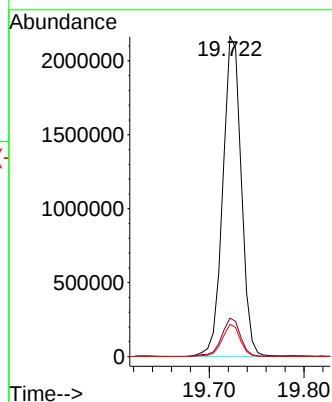
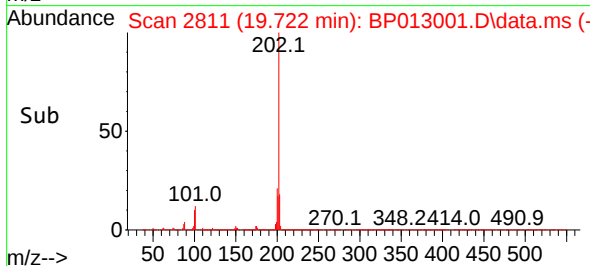
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2



Tgt Ion:202 Resp: 2918208
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.1 7.8 11.8

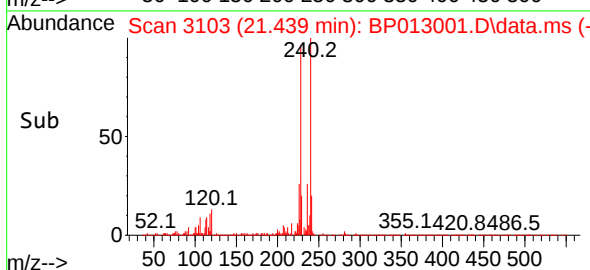
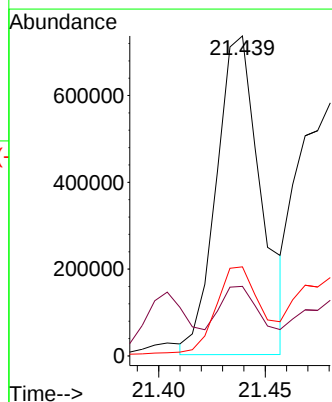
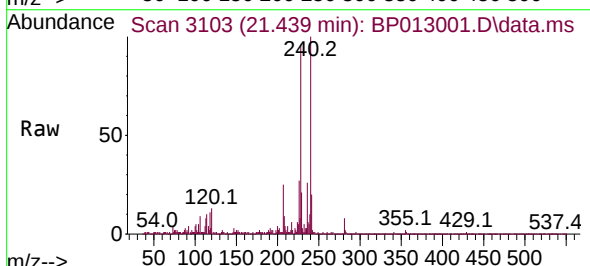
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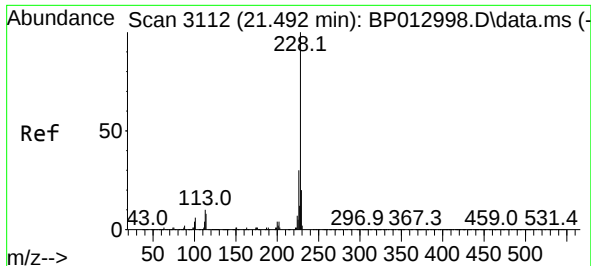
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85
Benzo(a)anthracene
Concen: 4.132 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

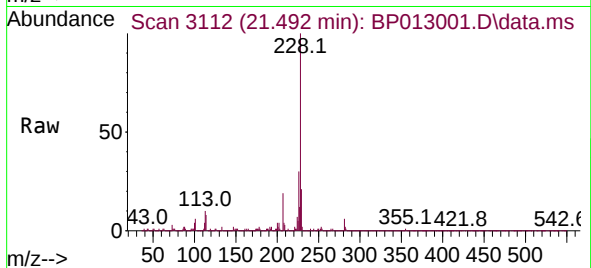
Tgt Ion:228 Resp: 1068624
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 27.8 22.0 33.0





#87
Chrysene
Concen: 7.423 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

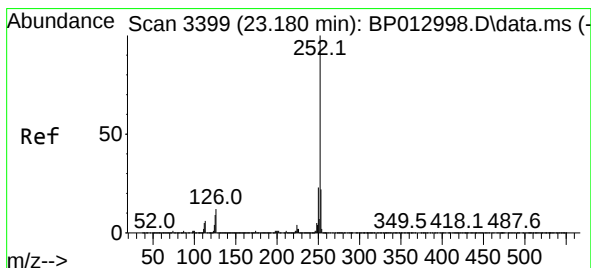
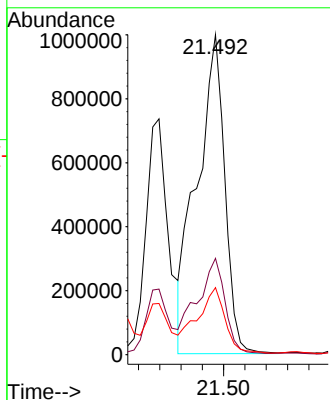
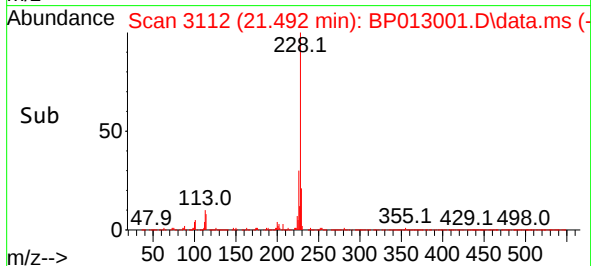
Instrument :
BNA_P
ClientSampleId :
DBXK2DL2



Tgt Ion:228 Resp: 1815384
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.9 16.0 24.0

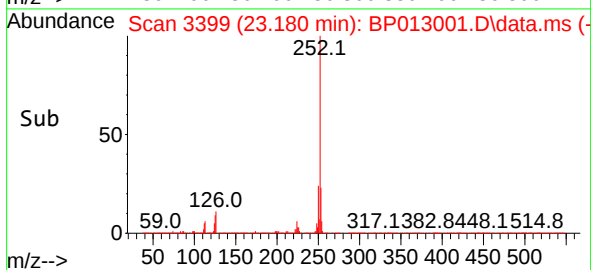
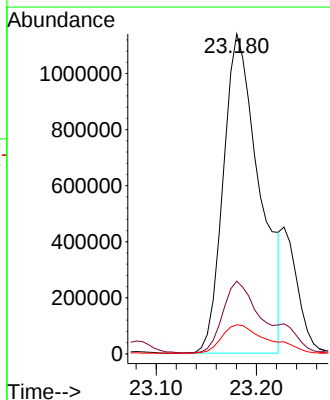
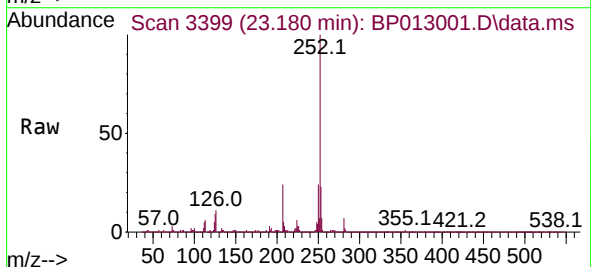
Manual Integrations
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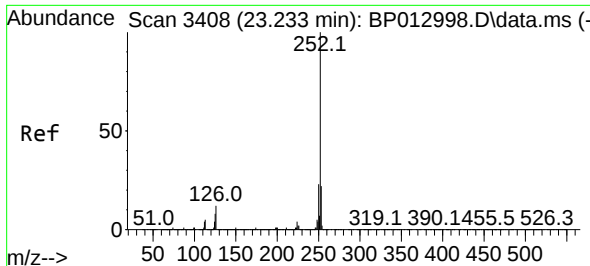
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 11.400 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

Tgt Ion:252 Resp: 2868706
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.1 6.8 10.2





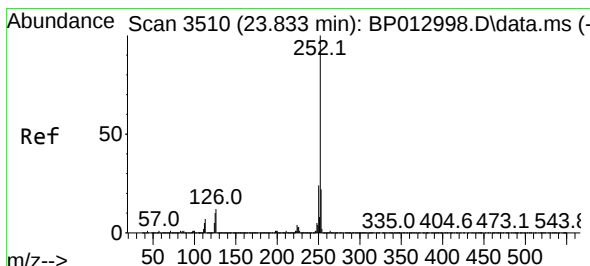
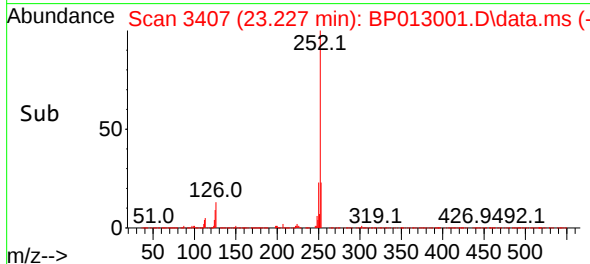
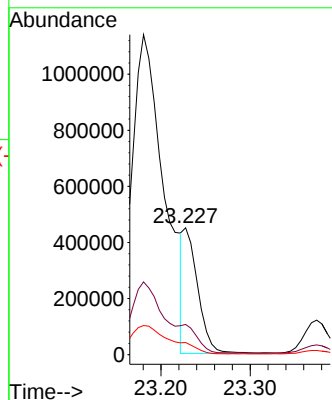
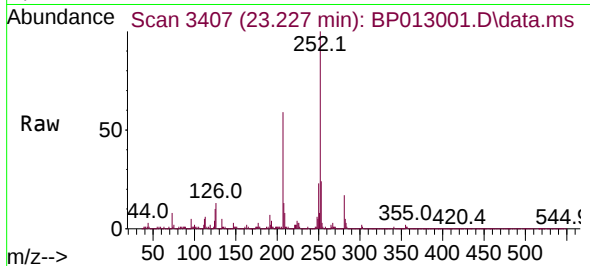
#91
Benzo(k)fluoranthene
Concen: 2.033 ng/ul m
RT: 23.227 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

Instrument :
BNA_P
ClientSampleId :
DBXK2DL2

Tgt Ion:252 Resp: 507278
Ion Ratio Lower Upper
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253 23.8 17.7 26.5
125 9.6 6.8 10.2

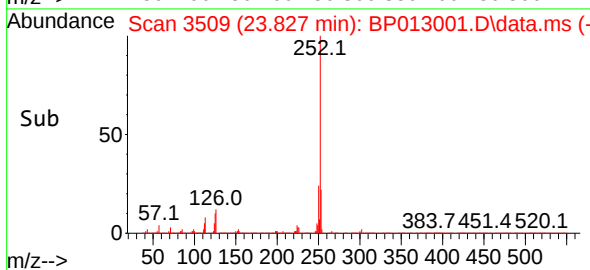
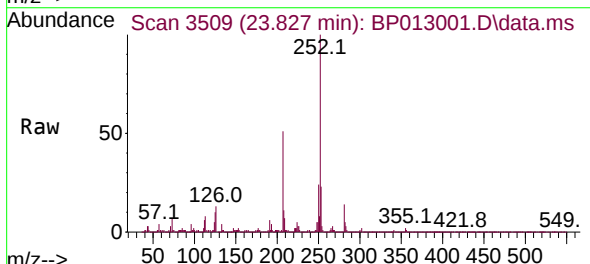
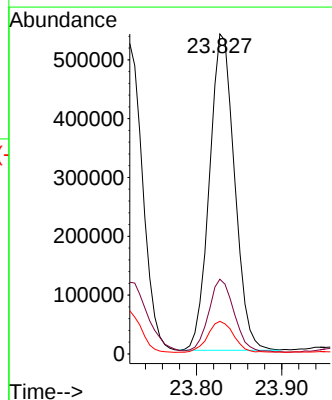
Manual Integrations
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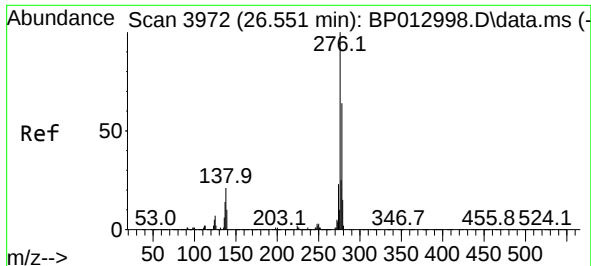
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 5.030 ng/ul
RT: 23.827 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

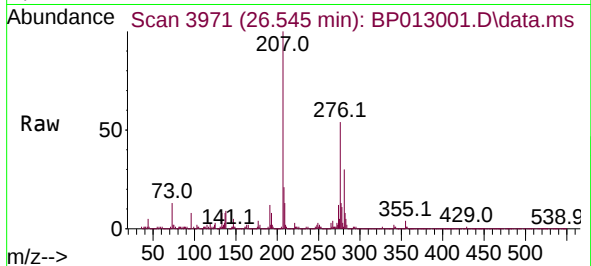
Tgt Ion:252 Resp: 1101988
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.2 7.5 11.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.799 ng/ul
RT: 26.545 min Scan# 3972
Delta R.T. -0.012 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04

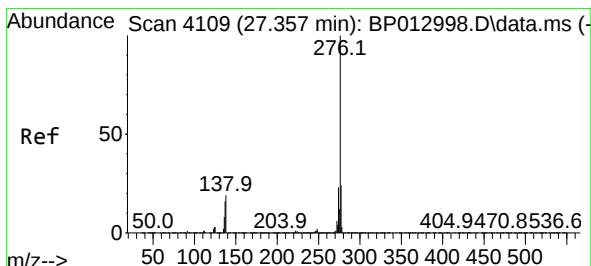
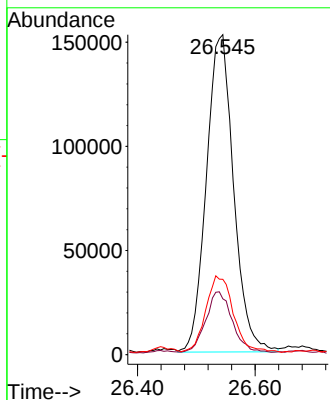
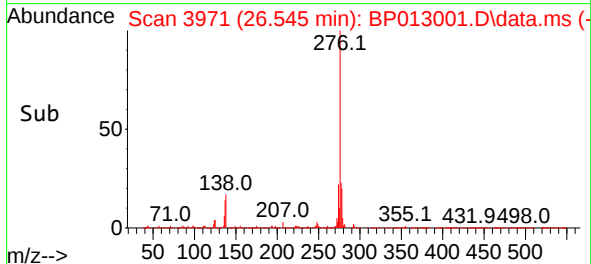
Instrument :
BNA_P
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DBXK2DL2



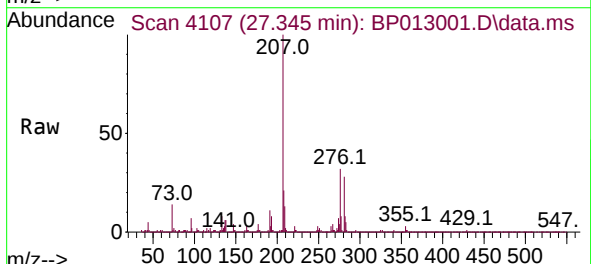
Tgt Ion: 276 Resp: 490935
Ion Ratio Lower Upper
276 100
138 17.4 17.1 25.7
277 23.5 20.0 30.0

Manual Integrations
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Reviewed By : Jagrut Upadhyay 12/09/2022
Supervised By : mohammad ahmed 12/10/2022



#96
Benzo(g,h,i)perylene
Concen: 1.437 ng/ul
RT: 27.345 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BP013001.D
Acq: 09 Dec 2022 01:04



Tgt Ion: 276 Resp: 314922
Ion Ratio Lower Upper
276 100
138 18.8 15.4 23.2
277 24.6 19.1 28.7

