

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010358.D
 Acq On : 16 May 2022 15:48
 Operator : CG/JU
 Sample : N2746-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBSL0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 16 23:21:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

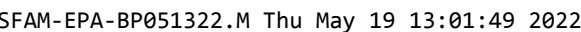
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

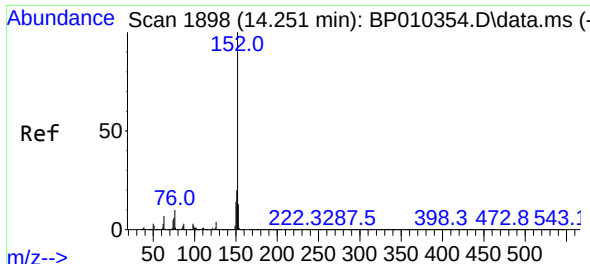
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	121765	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	523253	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	362798	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	802757	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	893974	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	897060	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	2349m	0.822	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.069	99	32287	3.159	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	24564	3.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	26614	3.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	26796	3.085	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	13682	3.379	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	13369	3.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	26164	3.224	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	24910m	2.065	ng/u1	0.01
46) Dimethylphthalate-d6	13.940	166	106657	3.990	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	113011	3.665	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	7514m	1.579	ng/u1	0.02
60) Fluorene-d10	15.522	176	96429	4.147	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	8961m	1.909	ng/u1	0.00
73) Anthracene-d10	17.381	188	147424	4.056	ng/u1	0.00
81) Pyrene-d10	19.616	212	177133	3.731	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	130314	2.893	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.251	152	62671	1.879	ng/u1	95
52) Acenaphthene	14.592	153	97582	4.485	ng/u1	98
56) Dibenzofuran	14.934	168	67378	2.113	ng/u1	93
61) Fluorene	15.581	166	139312	5.342	ng/u1	93
72) Phenanthrene	17.328	178	1618667	37.783	ng/u1	99
74) Anthracene	17.416	178	438216	10.196	ng/u1	99
80) Fluoranthene	19.292	202	1711554	31.022	ng/u1	97
82) Pyrene	19.645	202	1272962	22.109	ng/u1#	94
85) Benzo(a)anthracene	21.351	228	575271	10.291	ng/u1	98
87) Chrysene	21.404	228	498930	9.073	ng/u1	97
90) Benzo(b)fluoranthene	23.057	252	617480	10.327	ng/u1	97
91) Benzo(k)fluoranthene	23.098	252	181896m	3.201	ng/u1	
93) Benzo(a)pyrene	23.686	252	280624	5.052	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.327	276	198689	3.802	ng/u1#	91
95) Dibenzo(a,h)anthracene	26.339	278	48839	1.077	ng/u1#	84

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

Manual Integrations

Quant Time: May 16 23:21:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.879 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

Instrument :

BNA_P

ClientSampleId :

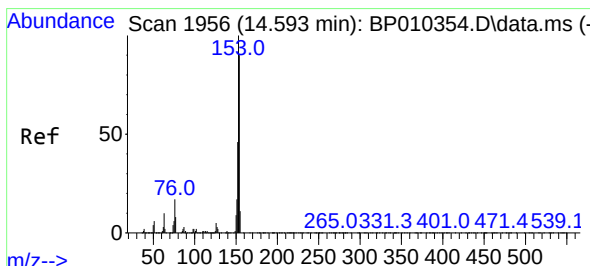
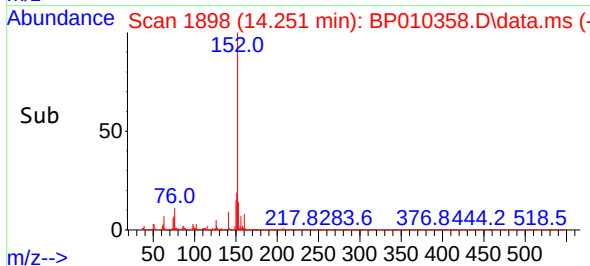
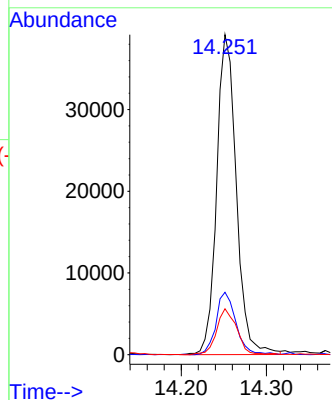
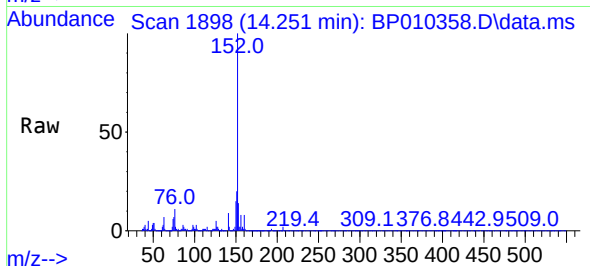
DBSL0DL

Tgt Ion:152 Resp: 6267
Ion Ratio Lower Upper
152 100
151 19.5 18.3 27.5
153 14.3 11.0 16.6

Manual Integrations

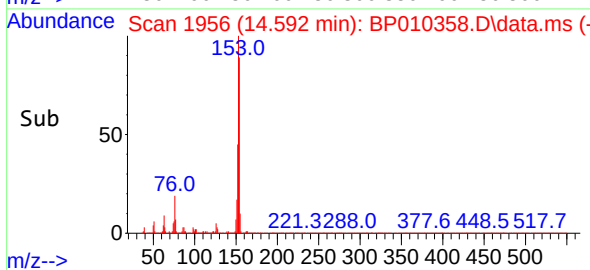
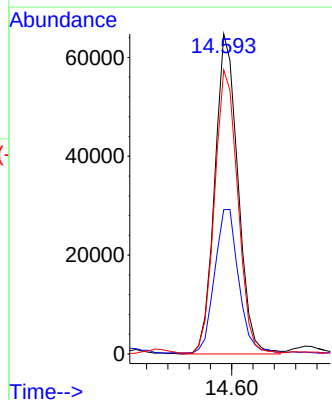
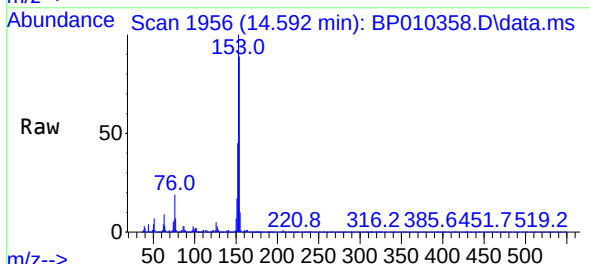
APPROVED

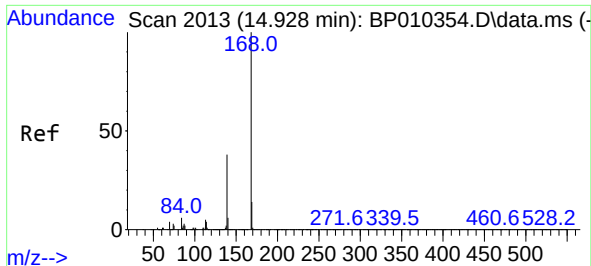
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#52
Acenaphthene
Concen: 4.485 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

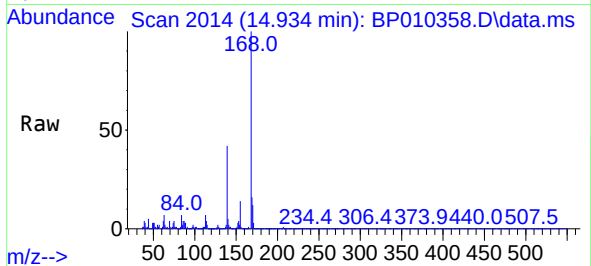
Tgt Ion:153 Resp: 97582
Ion Ratio Lower Upper
153 100
152 45.1 34.3 51.5
154 88.8 70.0 105.0





#56
Dibenzenofuran
Concen: 2.113 ng/ul
RT: 14.934 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

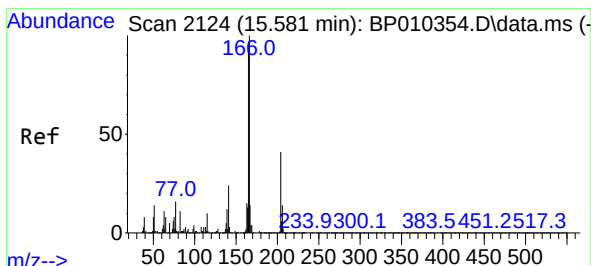
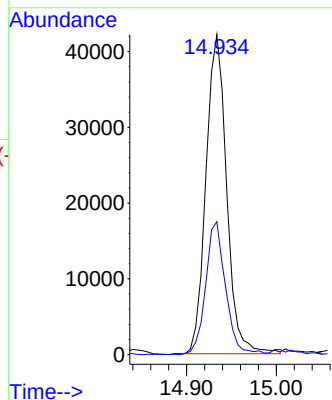
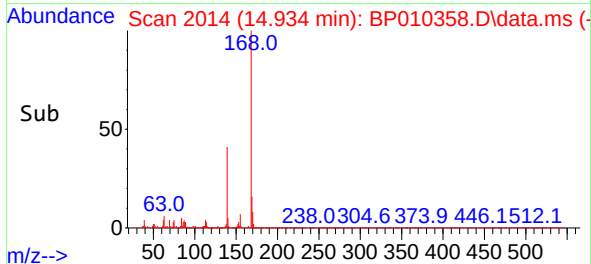
Instrument :
BNA_P
ClientSampleId :
DBSL0DL



Tgt Ion:168 Resp: 67378
Ion Ratio Lower Upper
168 100
139 41.5 30.1 45.1

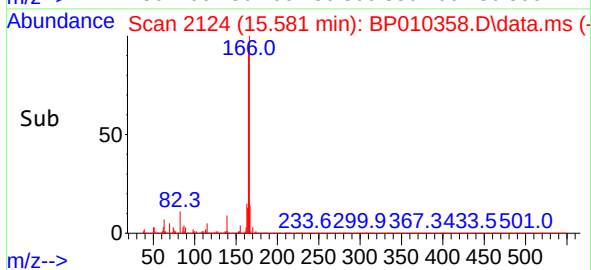
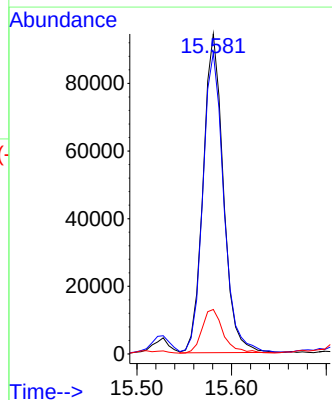
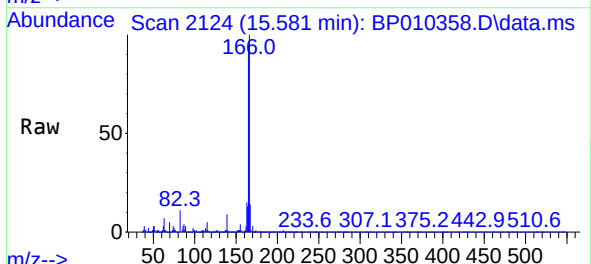
Manual Integrations
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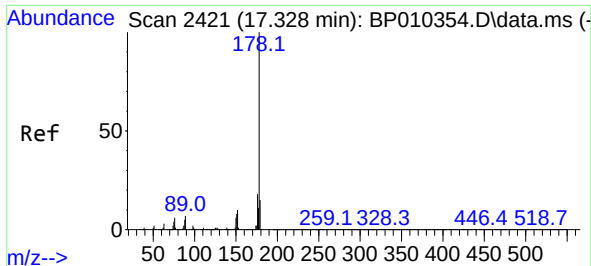
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#61
Fluorene
Concen: 5.342 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

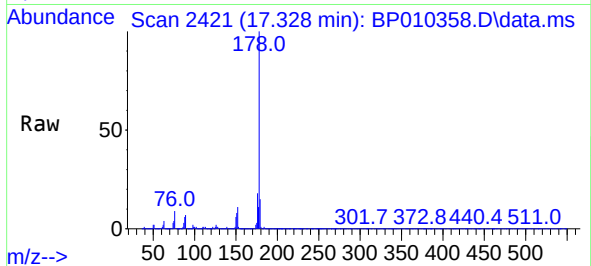
Tgt Ion:166 Resp: 139312
Ion Ratio Lower Upper
166 100
165 94.1 70.3 105.5
167 13.9 9.5 14.3





#72
Phenanthrene
Concen: 37.783 ng/u1
RT: 17.328 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

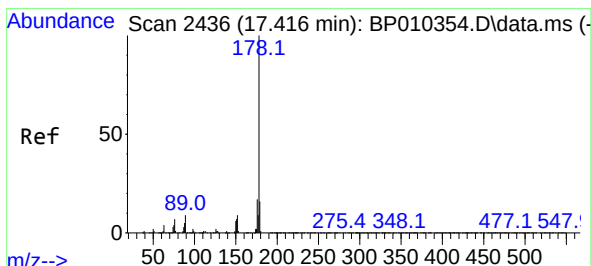
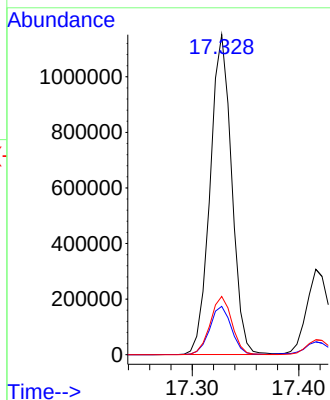
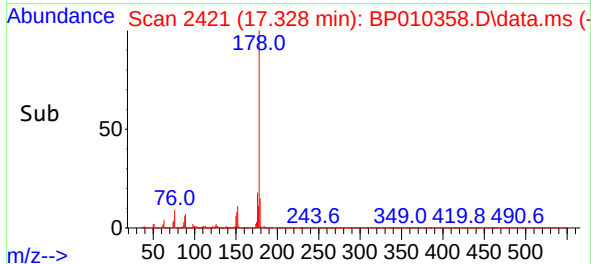
Instrument :
BNA_P
ClientSampleId :
DBSL0DL



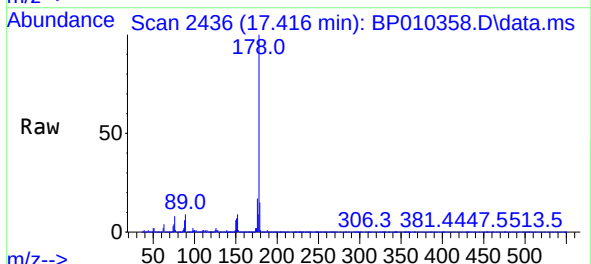
Tgt Ion:178 Resp: 161866
Ion Ratio Lower Upper
178 100
179 15.1 11.7 17.5
176 18.2 14.5 21.7

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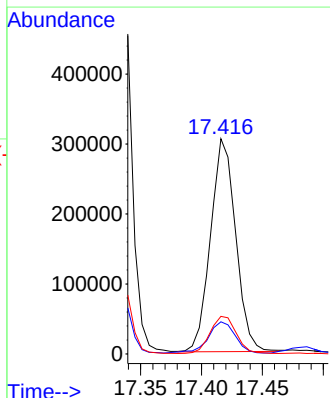
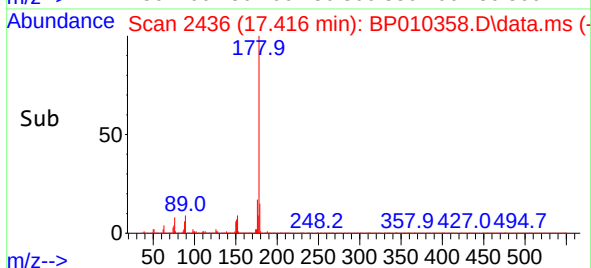
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

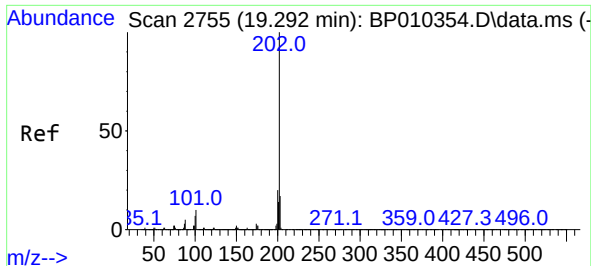


#74
Anthracene
Concen: 10.196 ng/u1
RT: 17.416 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48



Tgt Ion:178 Resp: 438216
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 17.5 13.4 20.2





#80
Fluoranthene
Concen: 31.022 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

Instrument :

BNA_P

ClientSampleId :

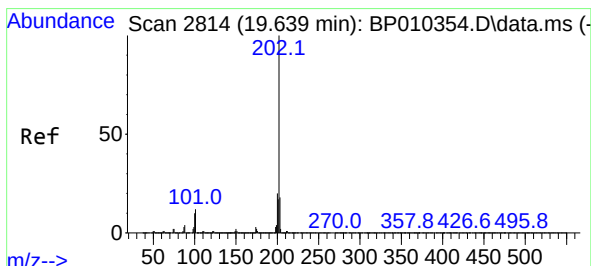
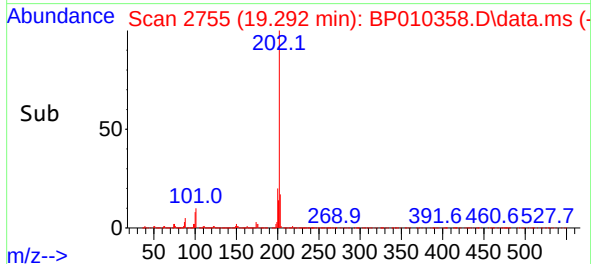
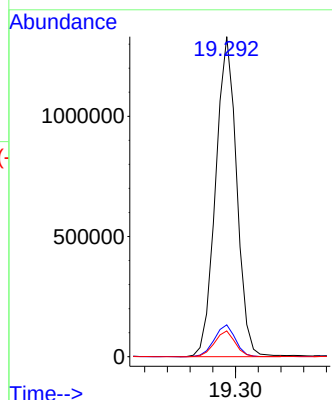
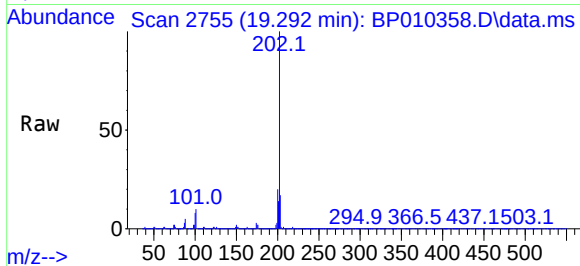
DBSL0DL

Tgt Ion:202 Resp: 1711554
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 8.0 6.3 9.5

Manual Integrations

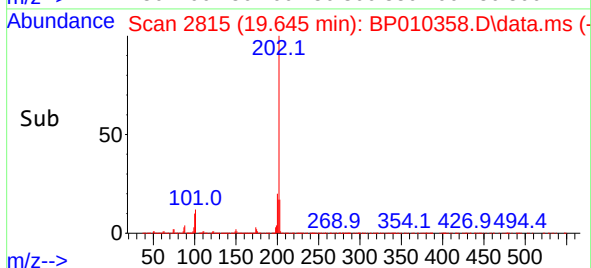
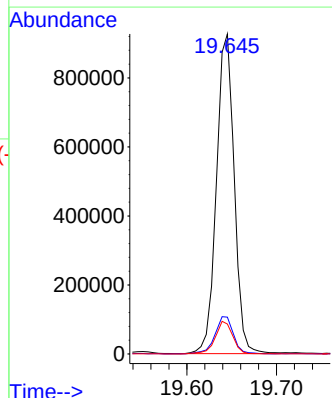
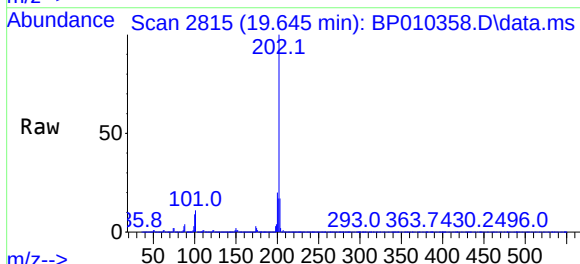
APPROVED

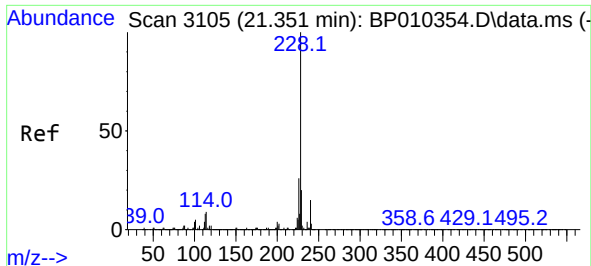
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#82
Pyrene
Concen: 22.109 ng/u1
RT: 19.645 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

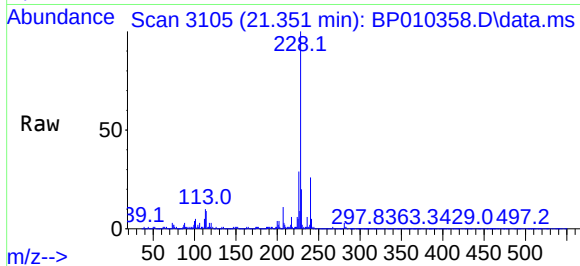
Tgt Ion:202 Resp: 1272962
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 9.3 9.8 14.6#





#85
Benzo(a)anthracene
Concen: 10.291 ng/u1
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

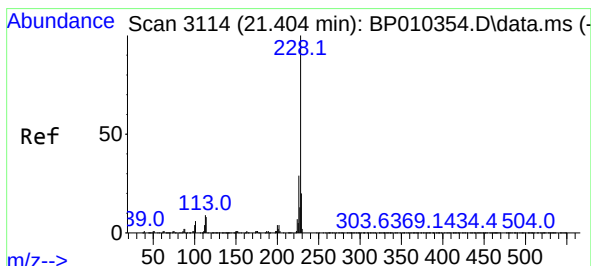
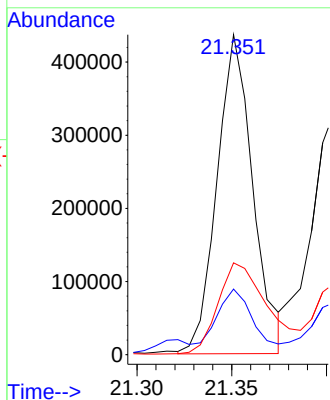
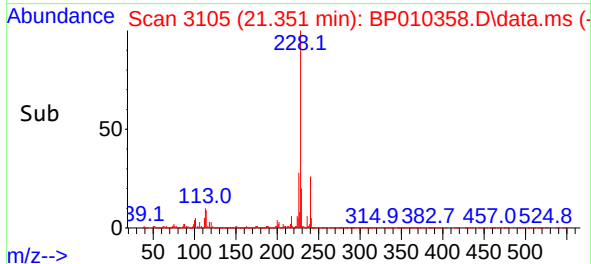
Instrument :
BNA_P
ClientSampleId :
DBSL0DL



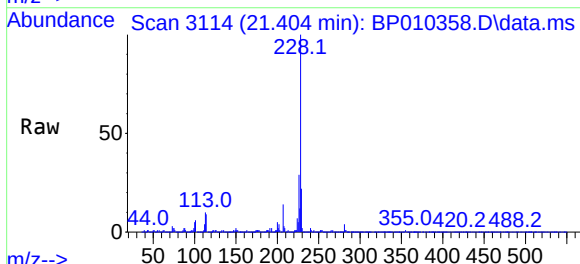
Tgt Ion:228 Resp: 57527
Ion Ratio Lower Upper
228 100
229 20.5 18.2 27.2
226 28.7 22.8 34.2

Manual Integrations
APPROVED

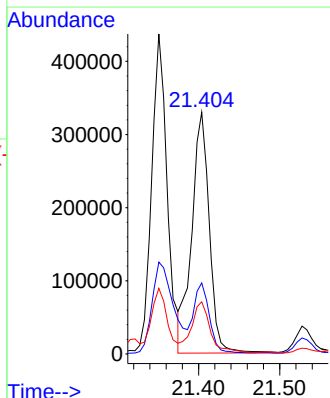
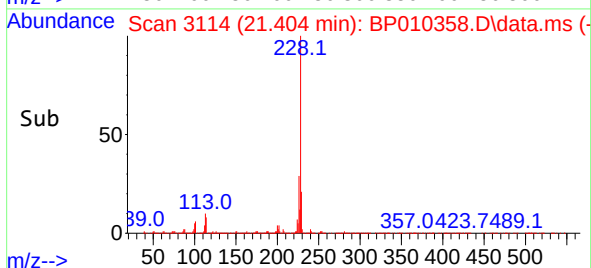
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

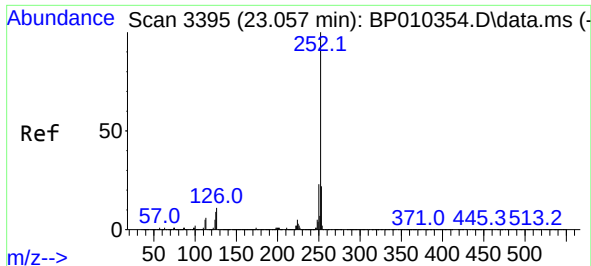


#87
Chrysene
Concen: 9.073 ng/u1
RT: 21.404 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48



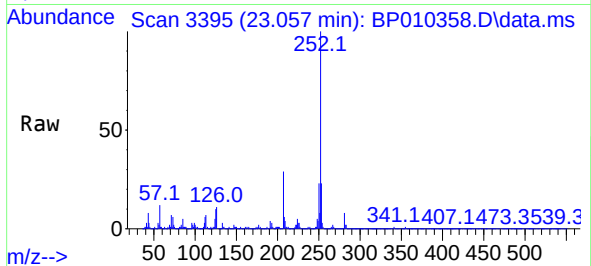
Tgt Ion:228 Resp: 498930
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 21.5 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 10.327 ng/ul
RT: 23.057 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

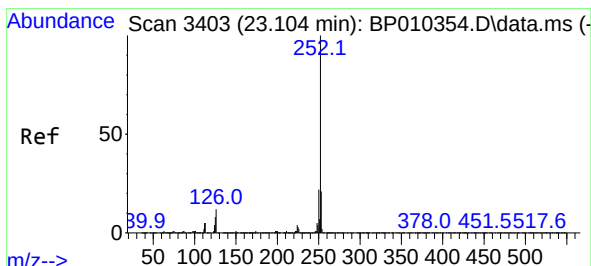
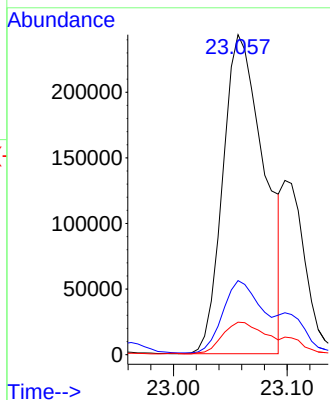
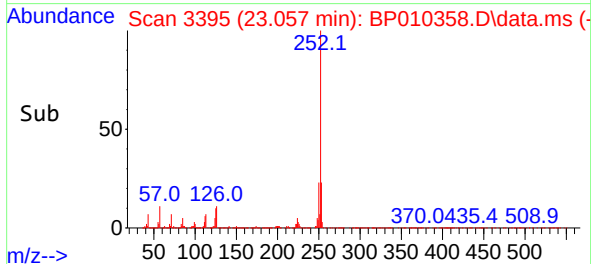
Instrument :
BNA_P
ClientSampleId :
DBSL0DL



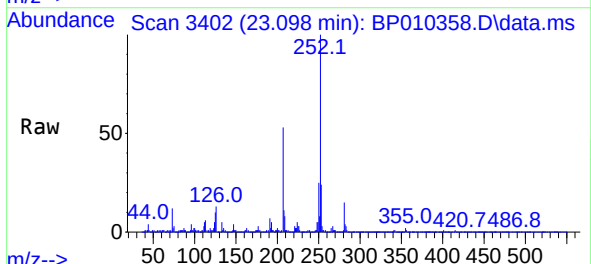
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Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.2 7.3 10.9

Manual Integrations
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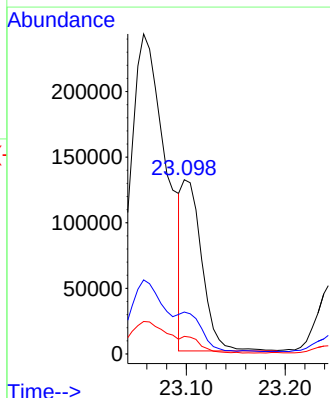
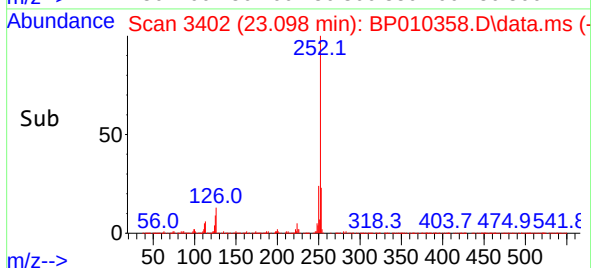
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

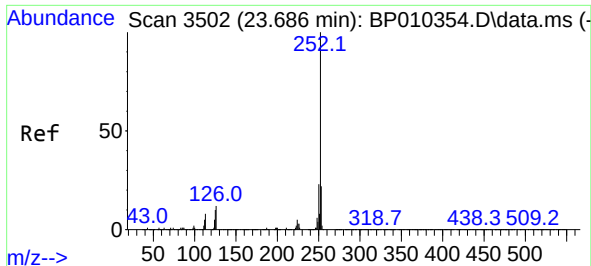


#91
Benzo(k)fluoranthene
Concen: 3.201 ng/ul m
RT: 23.098 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48



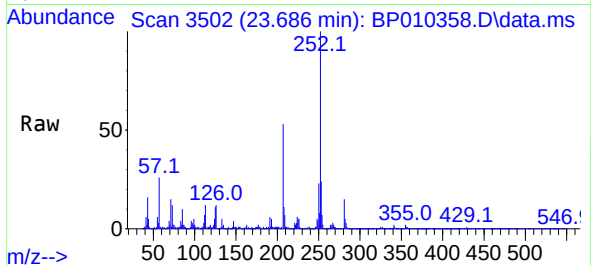
Tgt Ion:252 Resp: 181896
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 10.1 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 5.052 ng/ul
RT: 23.686 min Scan# 3502
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48

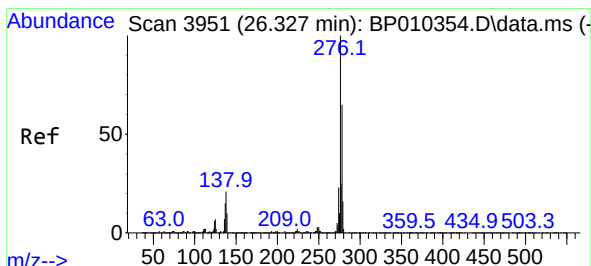
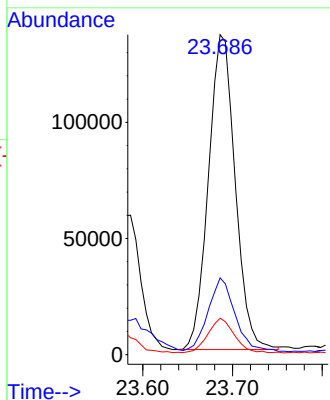
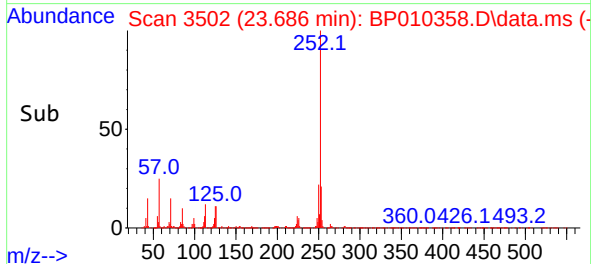
Instrument :
BNA_P
ClientSampleId :
DBSL0DL



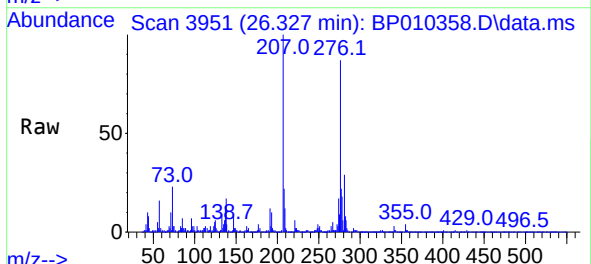
Tgt Ion:252 Resp: 280624
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 11.4 6.4 9.6

Manual Integrations
APPROVED

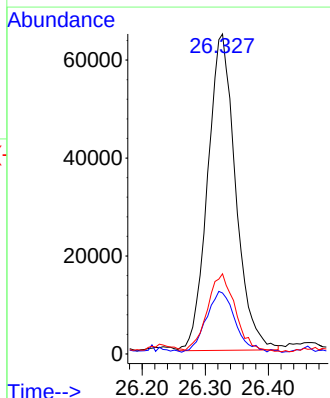
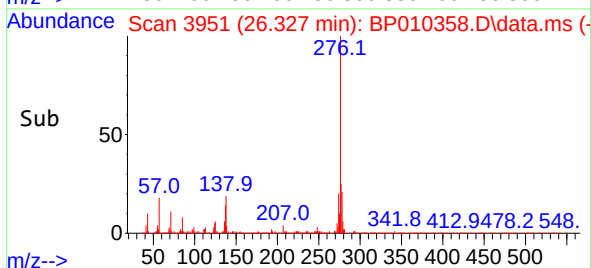
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

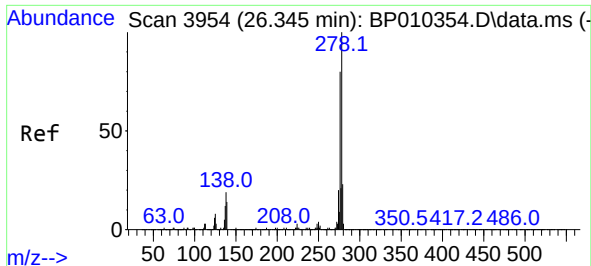


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.802 ng/ul
RT: 26.327 min Scan# 3951
Delta R.T. 0.006 min
Lab File: BP010358.D
Acq: 16 May 2022 15:48



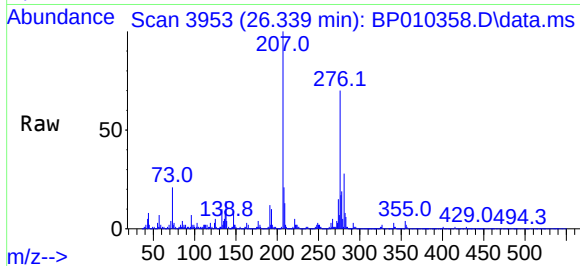
Tgt Ion:276 Resp: 198689
Ion Ratio Lower Upper
276 100
138 23.4 12.3 18.5#
277 25.0 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.077 ng/ul
 RT: 26.339 min Scan# 3953
 Delta R.T. 0.006 min
 Lab File: BP010358.D
 Acq: 16 May 2022 15:48

Instrument :
 BNA_P
 ClientSampleId :
 DBSL0DL



Tgt Ion: 278 Resp: 48839
 Ion Ratio Lower Upper
 278 100
 139 20.3 6.6 10.0
 279 28.0 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 05/17/2022
 Supervised By : mohammad ahmed 05/18/2022

