

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012014.D
 Acq On : 07 Oct 2022 18:28
 Operator : CG/JU
 Sample : N4923-05DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10031DL

Quant Time: Oct 07 23:09:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	192265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	777510	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	441095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	943291	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	952060	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	984821	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	7.046	99	8071	0.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	24140	2.624	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	25859	1.974	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	13173	0.960	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	15743	2.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	14518	2.291	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	20206	1.724	ng/u1	0.01
31) 4-Chloroaniline-d4	10.840	131	34116m	1.909	ng/u1	0.02
46) Dimethylphthalate-d6	13.934	166	88421	2.803	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	104923	2.918	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.516	176	88570	3.233	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	8214	1.439	ng/u1	0.00
73) Anthracene-d10	17.381	188	145568	3.388	ng/u1	0.00
81) Pyrene-d10	19.616	212	170922	3.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	160064	3.247	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.734	128	2231474	53.434	ng/u1	100
36) 2-Methylnaphthalene	12.346	142	175815	6.028	ng/u1	99
37) 1-Methylnaphthalene	12.563	142	565206	19.314	ng/u1	99
43) 1,1'-Biphenyl	13.357	154	69898	2.142	ng/u1	98
50) Acenaphthylene	14.245	152	68162	1.707	ng/u1#	95
52) Acenaphthene	14.587	153	451357	16.019	ng/u1	100
56) Dibenzofuran	14.922	168	371370	9.623	ng/u1	98
61) Fluorene	15.575	166	365271	11.556	ng/u1	99
72) Phenanthrene	17.322	178	763127	14.721	ng/u1	99
74) Anthracene	17.416	178	322895	6.191	ng/u1	100
77) Carbazole	17.686	167	401066	8.510	ng/u1	100
80) Fluoranthene	19.292	202	464138	7.866	ng/u1	100
82) Pyrene	19.645	202	396132	6.448	ng/u1	99
85) Benzo(a)anthracene	21.351	228	149449	2.400	ng/u1	97
87) Chrysene	21.404	228	136219	2.331	ng/u1	97
90) Benzo(b)fluoranthene	23.057	252	120231	1.913	ng/u1#	95
93) Benzo(a)pyrene	23.692	252	95552	1.703	ng/u1	96

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

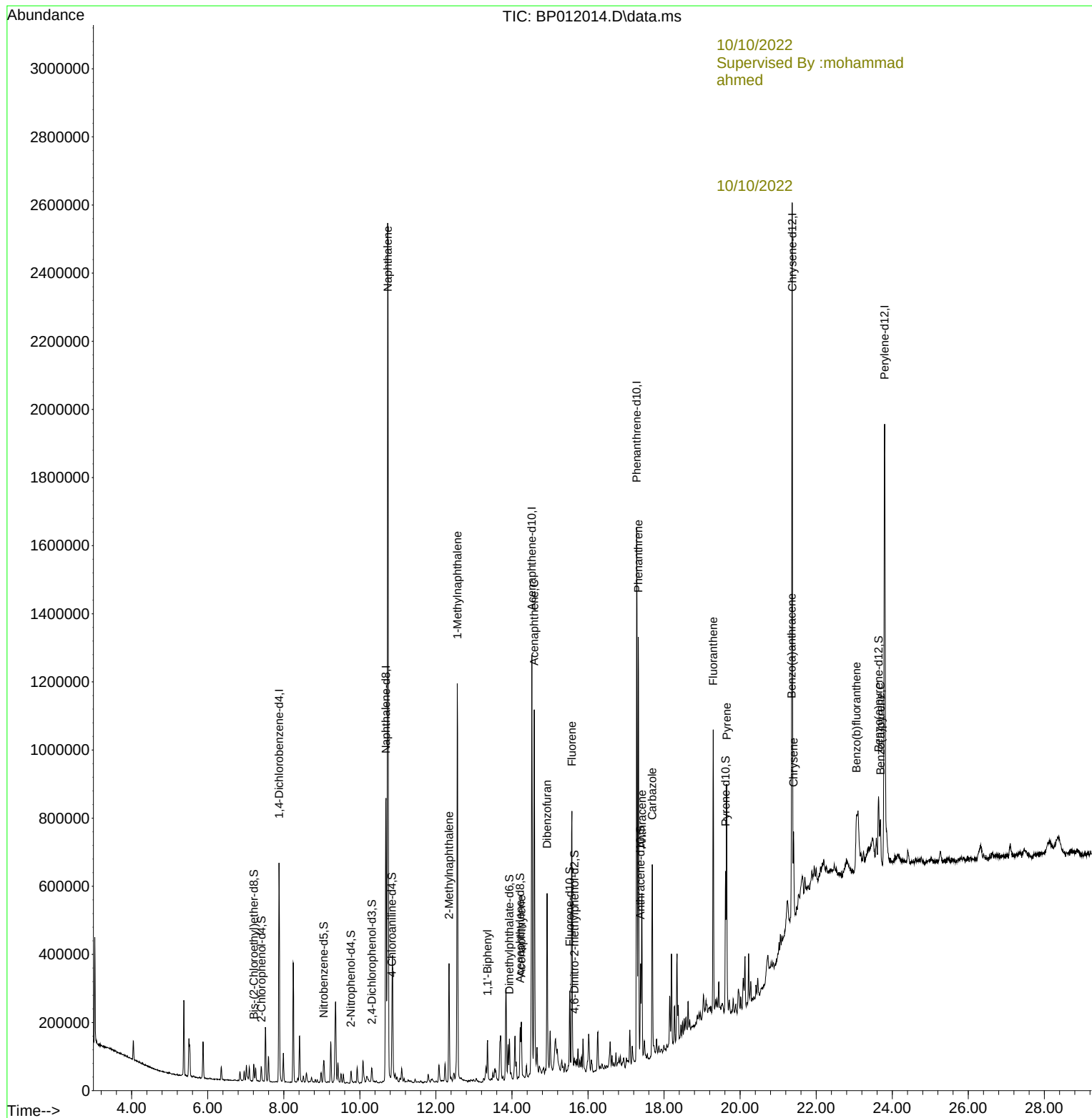
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012014.D
 Acq On : 07 Oct 2022 18:28
 Operator : CG/JU
 Sample : N4923-05DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

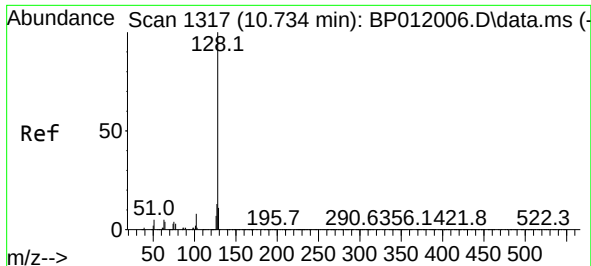
Instrument :
 BNA_P
 ClientSampleId :
 E10031DL

Manual Integrations APPROVED

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

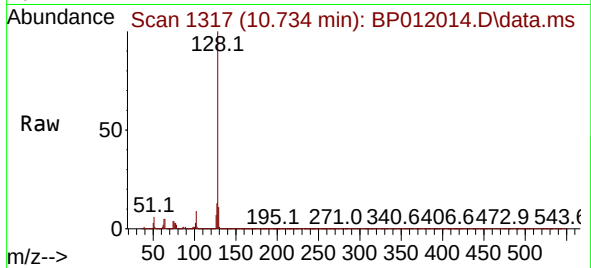
Quant Time: Oct 07 23:09:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration





#30
Naphthalene
Concen: 53.434 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

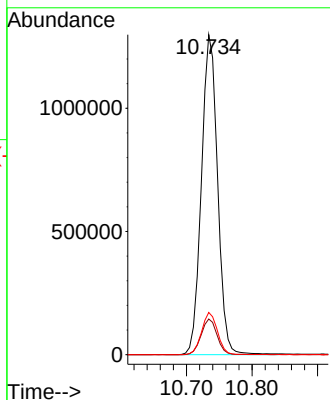
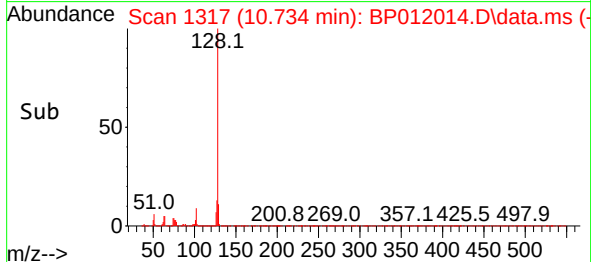
Instrument :
BNA_P
ClientSampleId :
E10031DL



Tgt Ion:128 Resp: 2231474
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.5 15.7

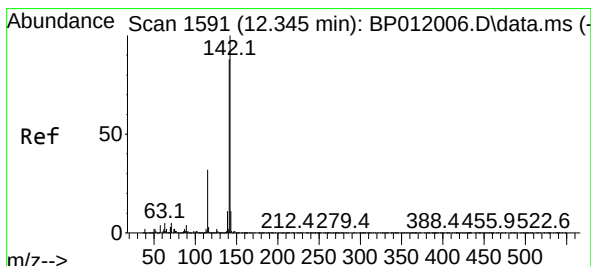
Manual Integrations
APPROVED

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



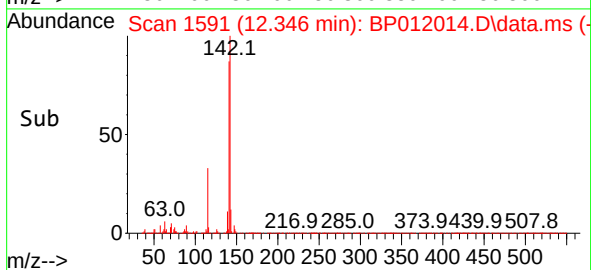
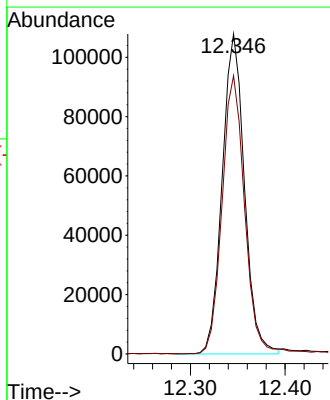
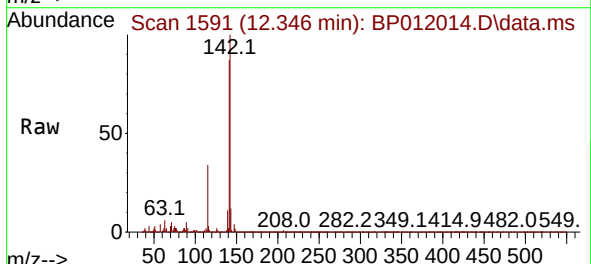
10/10/2022
Supervised By :mohammad
ahmed

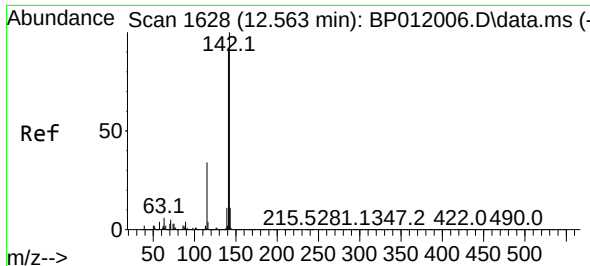
10/10/2022



#36
2-Methylnaphthalene
Concen: 6.028 ng/ul
RT: 12.346 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

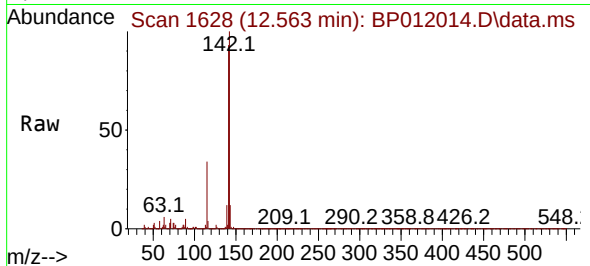
Tgt Ion:142 Resp: 175815
Ion Ratio Lower Upper
142 100
141 87.0 70.6 106.0





#37
1-Methylnaphthalene
Concen: 19.314 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

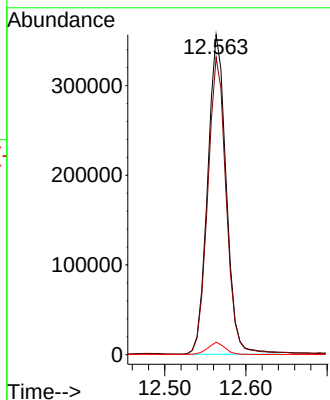
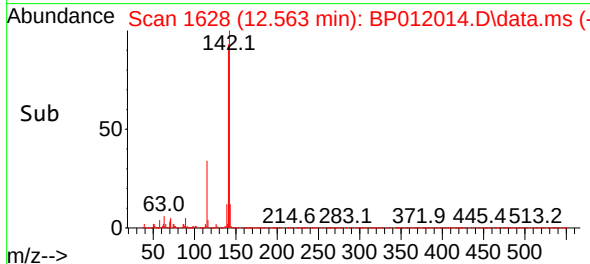
Instrument :
BNA_P
ClientSampleId :
E10031DL



Tgt Ion:142 Resp: 565200
Ion Ratio Lower Upper
142 100
141 92.9 74.8 112.2
116 3.9 2.9 4.3

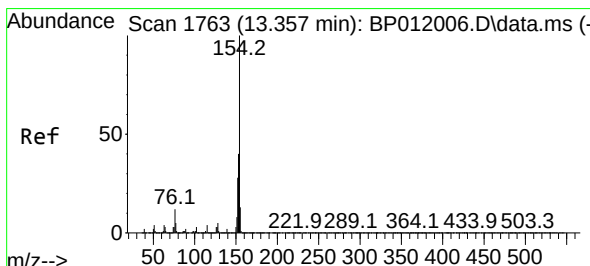
Manual Integrations
APPROVED

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



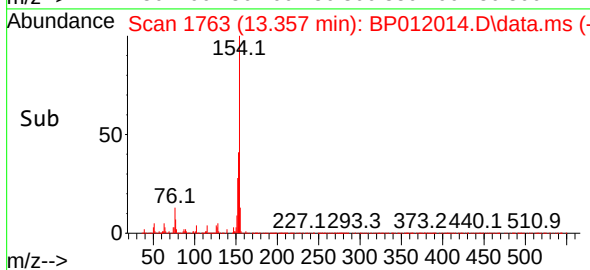
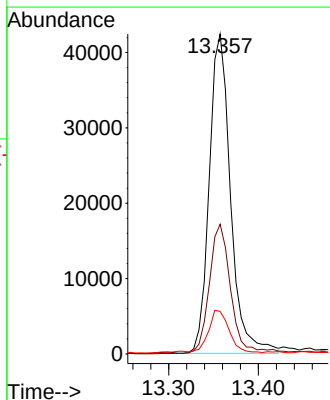
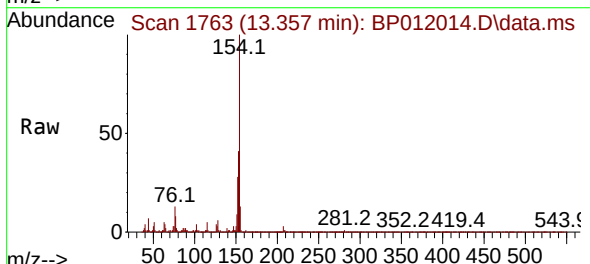
10/10/2022
Supervised By :mohammad
ahmed

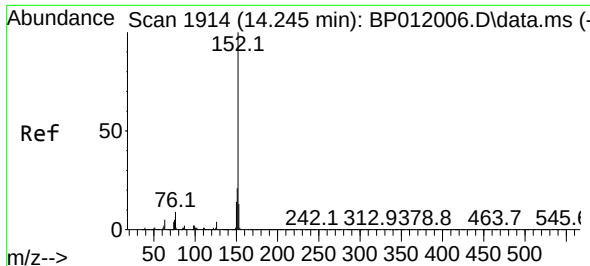
10/10/2022



#43
1,1'-Biphenyl
Concen: 2.142 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

Tgt Ion:154 Resp: 69898
Ion Ratio Lower Upper
154 100
153 40.6 31.8 47.6
76 13.3 9.5 14.3





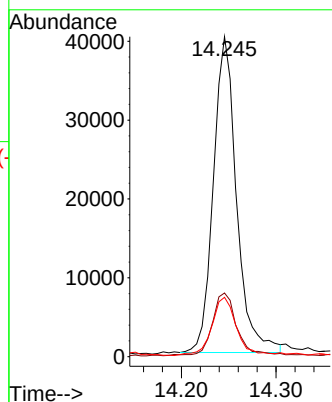
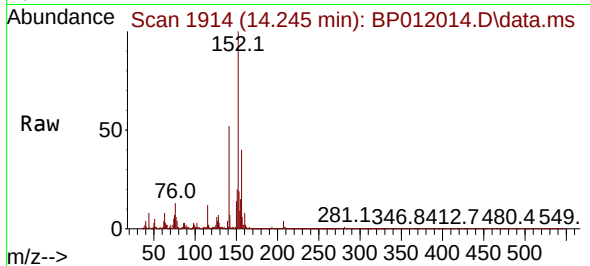
#50
Acenaphthylene
Concen: 1.707 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

Instrument :
BNA_P
ClientSampleId :
E10031DL

Tgt Ion:152 Resp: 68162
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 18.6 10.8 16.2

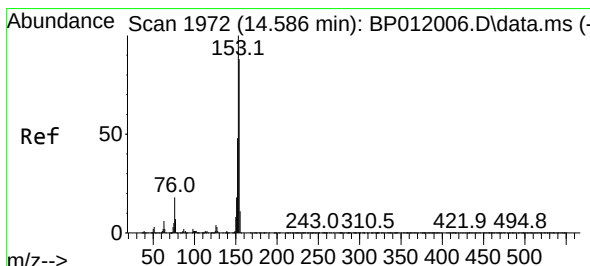
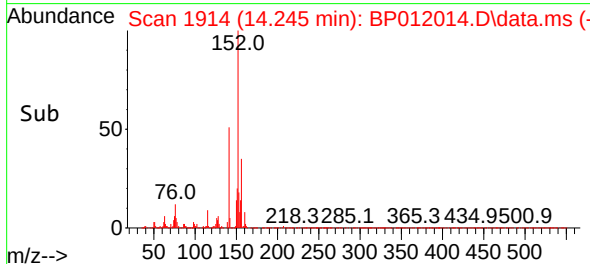
Manual Integrations
APPROVED

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



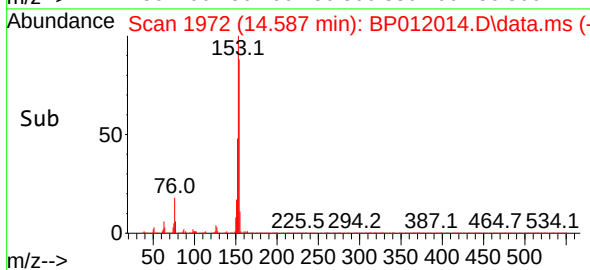
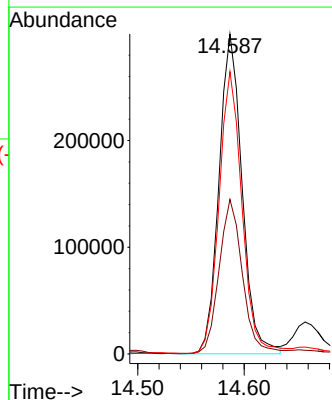
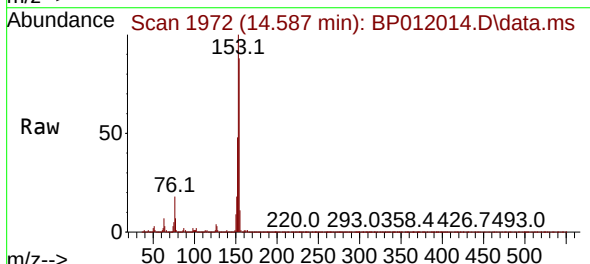
10/10/2022
Supervised By :mohammad
ahmed

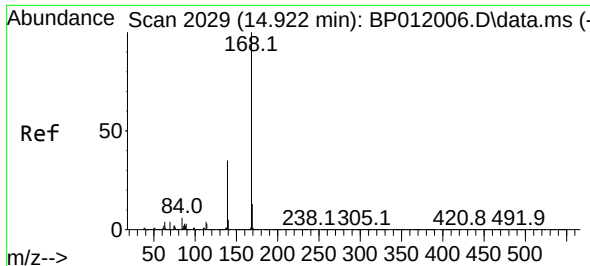
10/10/2022



#52
Acenaphthene
Concen: 16.019 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

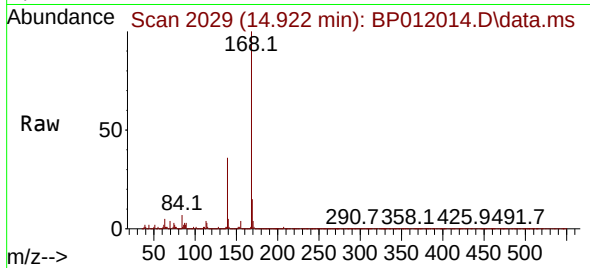
Tgt Ion:153 Resp: 451357
Ion Ratio Lower Upper
153 100
152 48.3 38.4 57.6
154 88.3 70.6 105.8





#56
Dibenzenofuran
Concen: 9.623 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

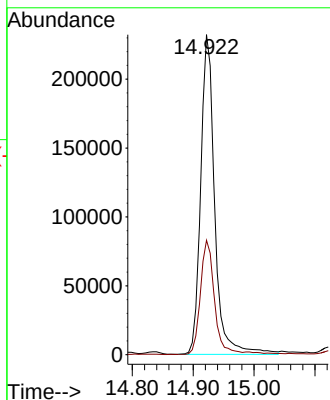
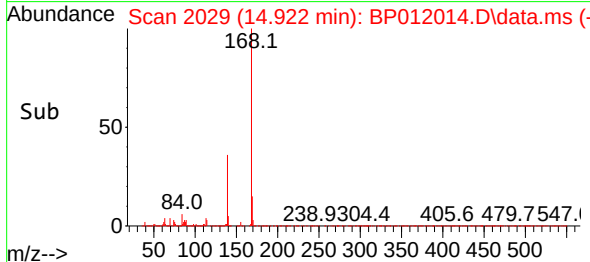
Instrument :
BNA_P
ClientSampleId :
E10031DL



Tgt Ion:168 Resp: 371370
Ion Ratio Lower Upper
168 100
139 35.7 29.4 44.2

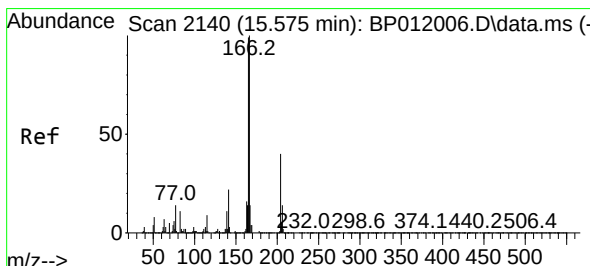
Manual Integrations
APPROVED

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



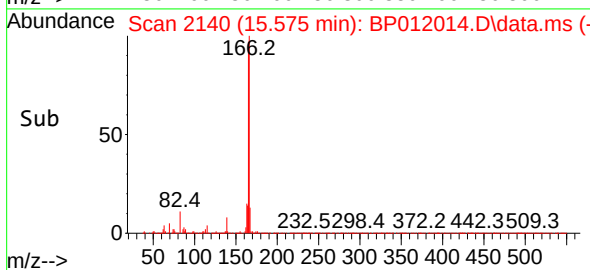
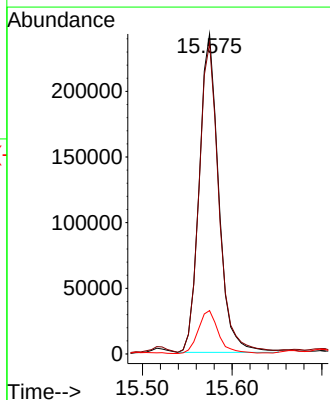
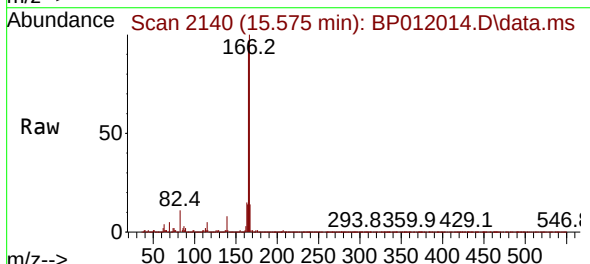
10/10/2022
Supervised By :mohammad
ahmed

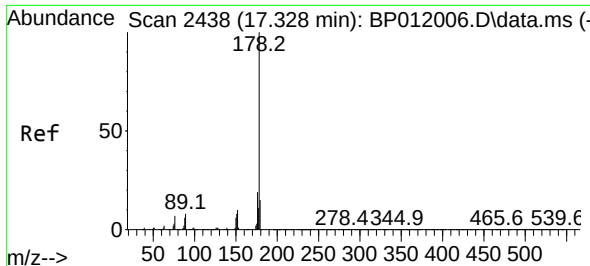
10/10/2022



#61
Fluorene
Concen: 11.556 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

Tgt Ion:166 Resp: 365271
Ion Ratio Lower Upper
166 100
165 97.1 77.2 115.8
167 13.5 10.7 16.1





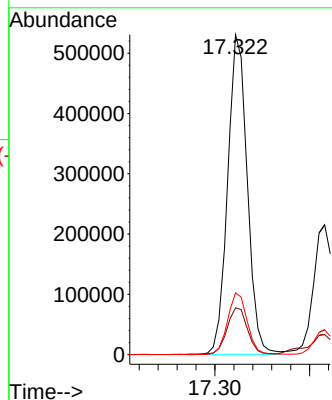
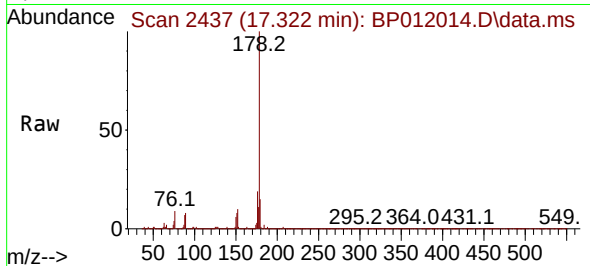
#72
Phenanthrene
Concen: 14.721 ng/ul
RT: 17.322 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

Instrument :
BNA_P
ClientSampleId :
E10031DL

Tgt Ion:178 Resp: 76312
Ion Ratio Lower Upper
178 100
179 14.6 12.5 18.7
176 19.3 15.4 23.2

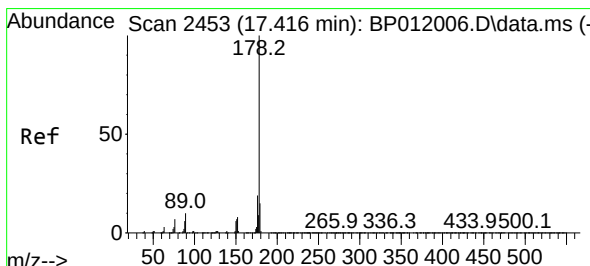
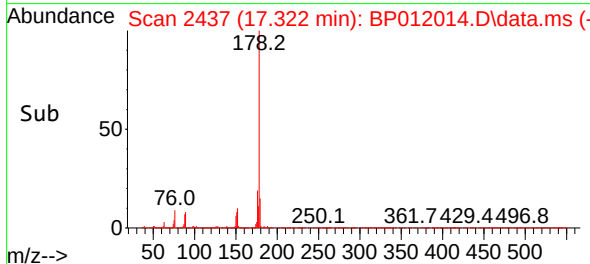
Manual Integrations
APPROVED

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



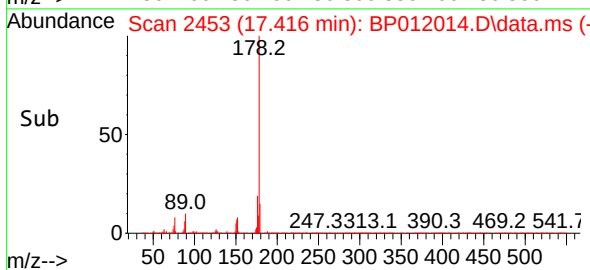
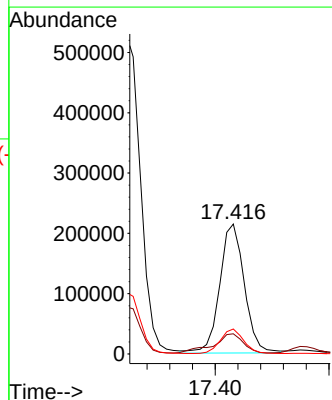
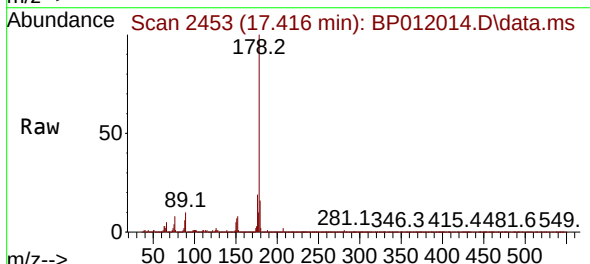
10/10/2022
Supervised By :mohammad
ahmed

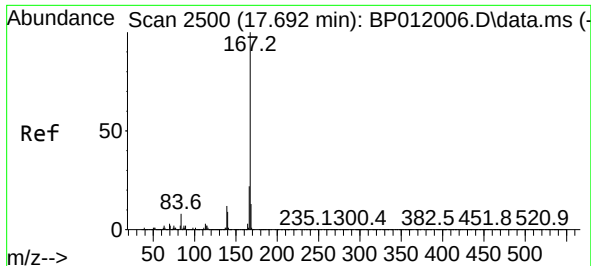
10/10/2022



#74
Anthracene
Concen: 6.191 ng/ul
RT: 17.416 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

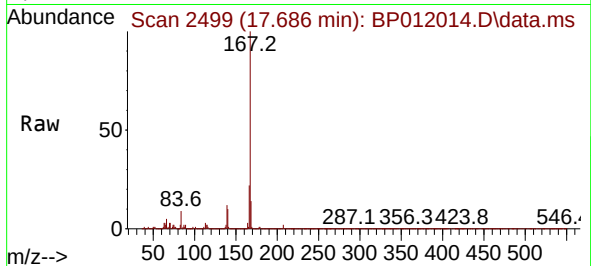
Tgt Ion:178 Resp: 322895
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.4 23.2





#77
 Carbazole
 Concen: 8.510 ng/ul
 RT: 17.686 min Scan# 2499
 Delta R.T. 0.000 min
 Lab File: BP012014.D
 Acq: 07 Oct 2022 18:28

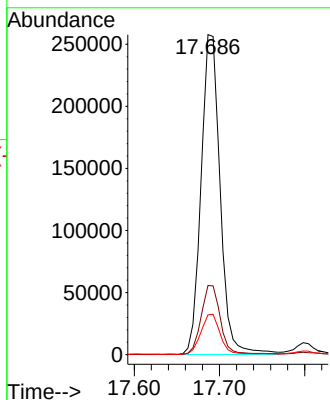
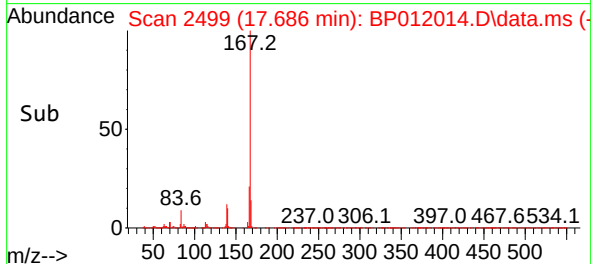
Instrument :
 BNA_P
 ClientSampleId :
 E10031DL



Tgt Ion:167 Resp: 401060
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.5 10.1 15.1

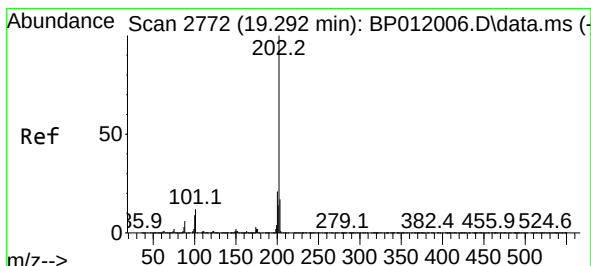
Manual Integrations
 APPROVED

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



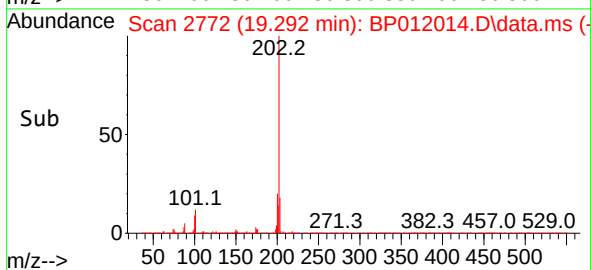
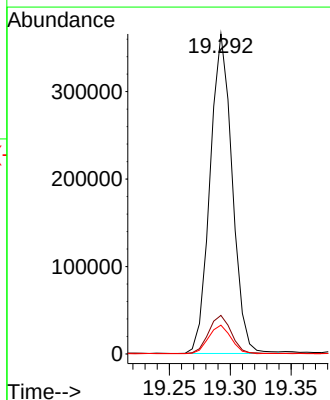
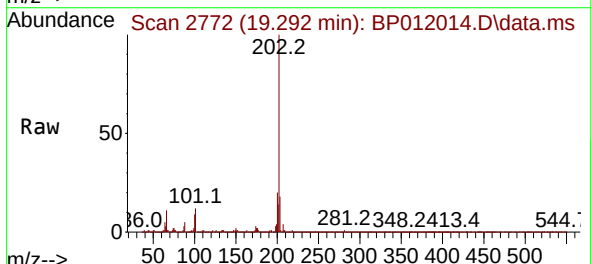
10/10/2022
 Supervised By :mohammad
 ahmed

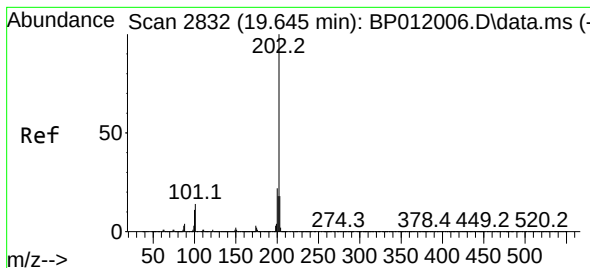
10/10/2022



#80
 Fluoranthene
 Concen: 7.866 ng/ul
 RT: 19.292 min Scan# 2772
 Delta R.T. 0.006 min
 Lab File: BP012014.D
 Acq: 07 Oct 2022 18:28

Tgt Ion:202 Resp: 464138
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.8 14.6
 100 9.0 7.4 11.0





#82

Pyrene

Concen: 6.448 ng/ul

RT: 19.645 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BP012014.D

Acq: 07 Oct 2022 18:28

Instrument :

BNA_P

ClientSampleId :

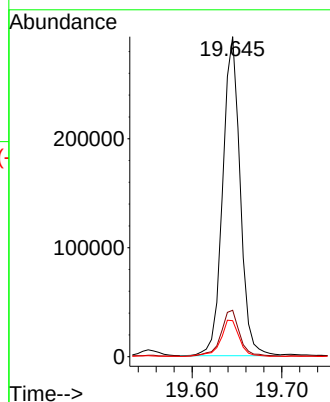
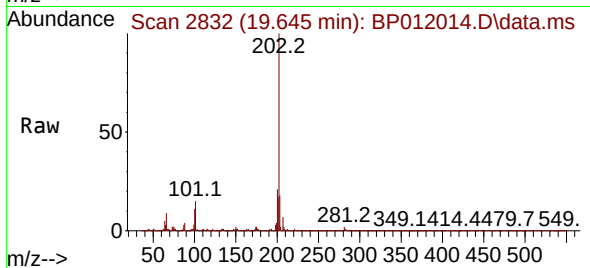
E10031DL

Tgt Ion:202	Resp: 39613
Ion Ratio	Lower Upper
202 100	
101 14.5	11.6 17.4
100 11.2	9.4 14.0

Manual Integrations

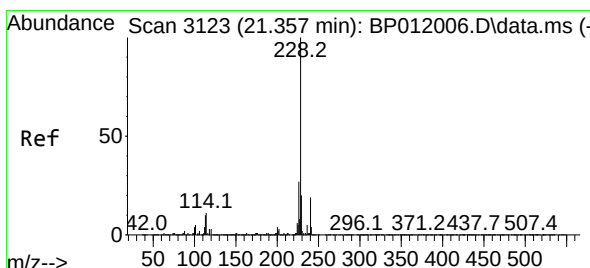
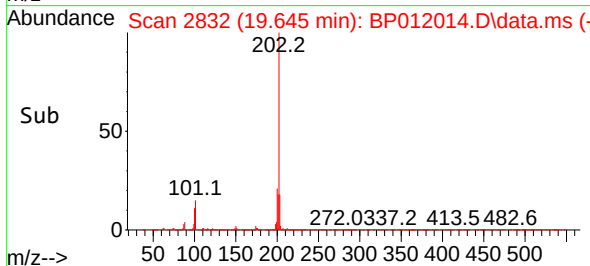
APPROVED

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



10/10/2022
Supervised By :mohammad
ahmed

10/10/2022



#85

Benzo(a)anthracene

Concen: 2.400 ng/ul

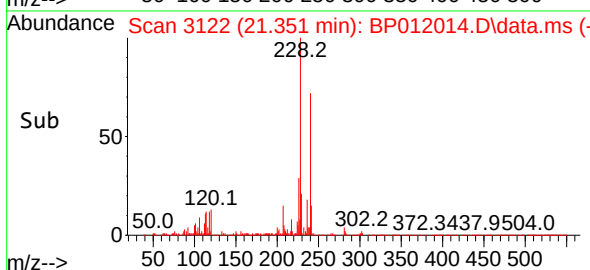
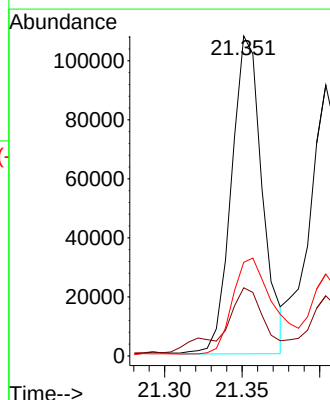
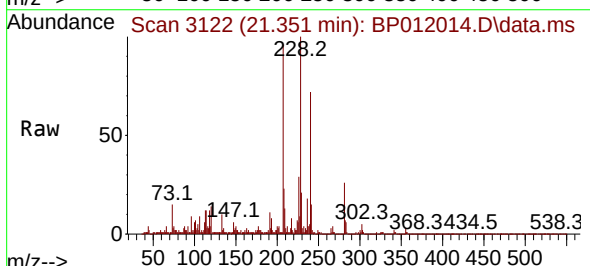
RT: 21.351 min Scan# 3122

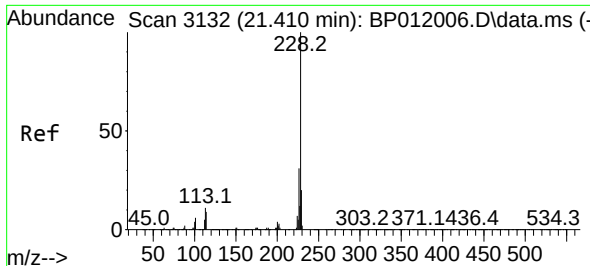
Delta R.T. 0.000 min

Lab File: BP012014.D

Acq: 07 Oct 2022 18:28

Tgt Ion:228	Resp: 149449
Ion Ratio	Lower Upper
228 100	
229 21.3	15.8 23.6
226 29.2	22.0 33.0





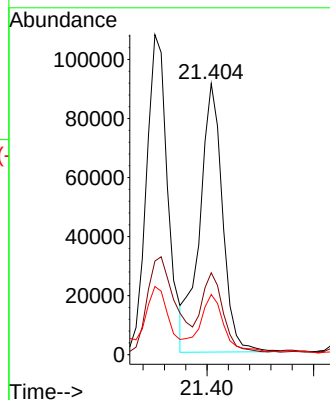
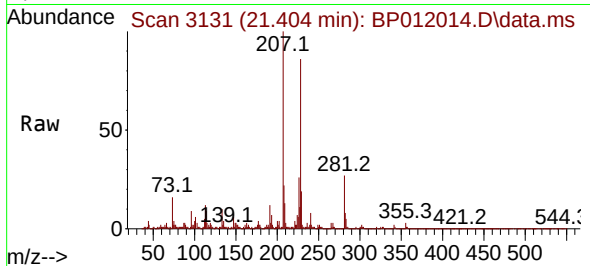
#87
Chrysene
Concen: 2.331 ng/u1
RT: 21.404 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

Instrument :
BNA_P
ClientSampleId :
E10031DL

Tgt Ion:228 Resp: 136219
Ion Ratio Lower Upper
228 100
226 30.2 25.3 37.9
229 22.2 16.2 24.2

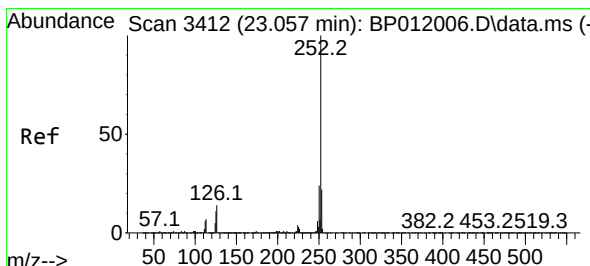
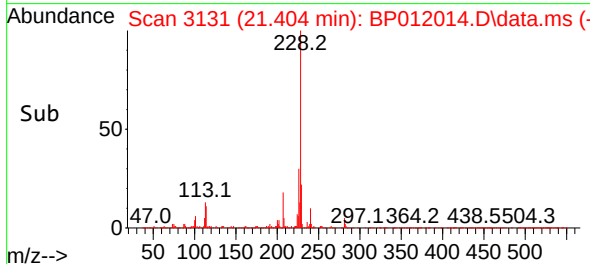
Manual Integrations
APPROVED

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



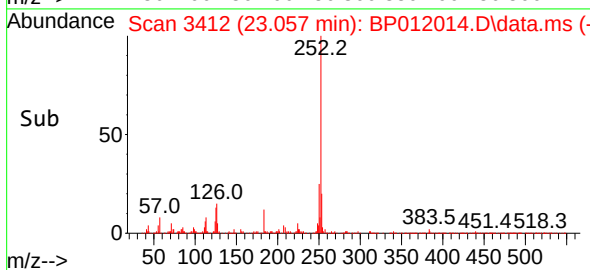
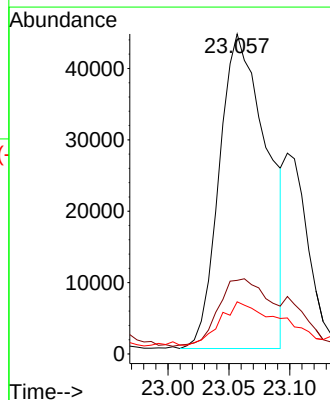
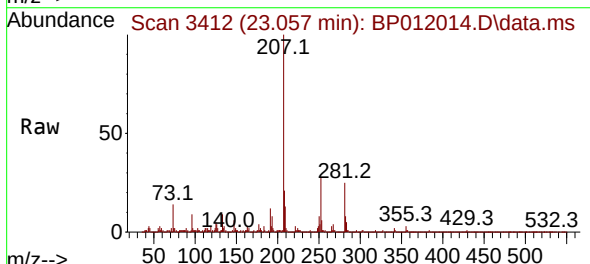
10/10/2022
Supervised By :mohammad
ahmed

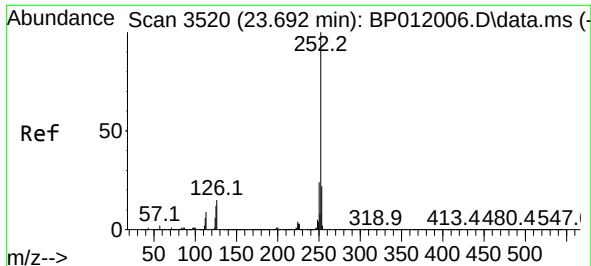
10/10/2022



#90
Benzo(b)fluoranthene
Concen: 1.913 ng/u1
RT: 23.057 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

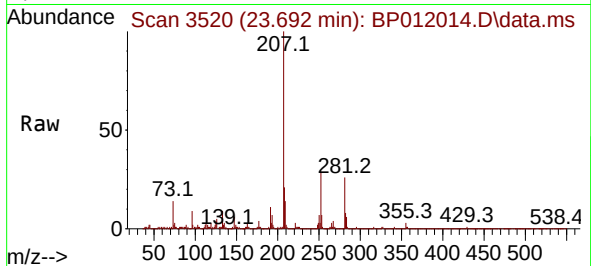
Tgt Ion:252 Resp: 120231
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 16.3 9.2 13.8#





#93
Benzo(a)pyrene
Concen: 1.703 ng/ul
RT: 23.692 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP012014.D
Acq: 07 Oct 2022 18:28

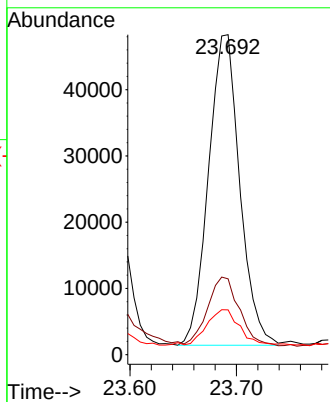
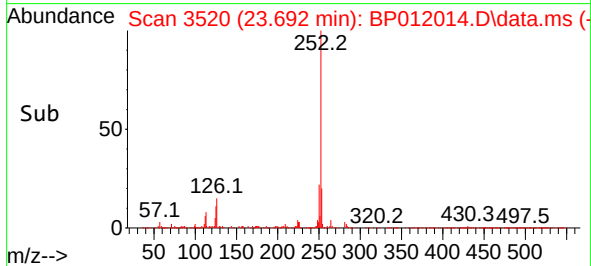
Instrument :
BNA_P
ClientSampleId :
E10031DL



Tgt Ion:252 Resp: 9555
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 14.0 9.8 14.8

Manual Integrations
APPROVED

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



10/10/2022
Supervised By :mohammad
ahmed

10/10/2022