

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012015.D
 Acq On : 07 Oct 2022 19:04
 Operator : CG/JU
 Sample : N4923-17DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10037DL

Manual Integrations APPROVED

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

Quant Time: Oct 07 23:10:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	230586	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	950945	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	575765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1231468	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1264979	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1328902	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	0.00
4) Pyridine-d5	3.740	84	54497	3.559	ng/u1	0.02
7) Phenol-d5	7.046	99	53708	2.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	141761	12.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	162919	10.368	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	100579	6.112	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	102336	14.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	101687	13.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	178524	12.455	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	382810m	17.518	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	598146	14.528	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	736606	15.693	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	21572	2.530	ng/u1	0.02
60) Fluorene-d10	15.516	176	568637	15.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	80162	10.755	ng/u1	0.01
73) Anthracene-d10	17.380	188	895662	15.967	ng/u1	0.00
81) Pyrene-d10	19.616	212	1025707	16.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1039038	15.619	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	9.857	107	88529m	5.324	ng/u1	
37) 1-Methylnaphthalene	12.563	142	1237523	34.576	ng/u1	99
43) 1,1'-Biphenyl	13.357	154	159827	3.753	ng/u1	98
50) Acenaphthylene	14.245	152	1253686	24.049	ng/u1	99
52) Acenaphthene	14.586	153	1713004	46.576	ng/u1	100
56) Dibenzofuran	14.922	168	1269667	25.204	ng/u1	100
61) Fluorene	15.575	166	1178231	28.557	ng/u1	99
72) Phenanthrene	17.322	178	583115	8.616	ng/u1	99
74) Anthracene	17.416	178	419340	6.158	ng/u1	100
77) Carbazole	17.686	167	843949	13.718	ng/u1	99
80) Fluoranthene	19.292	202	771846	9.845	ng/u1	98
82) Pyrene	19.645	202	629847	7.716	ng/u1	98
85) Benzo(a)anthracene	21.351	228	271852	3.286	ng/u1	96
87) Chrysene	21.404	228	210918	2.717	ng/u1	96
90) Benzo(b)fluoranthene	23.057	252	218186	2.572	ng/u1	98
91) Benzo(k)fluoranthene	23.098	252	83821m	1.026	ng/u1	
93) Benzo(a)pyrene	23.686	252	185401	2.449	ng/u1	97

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

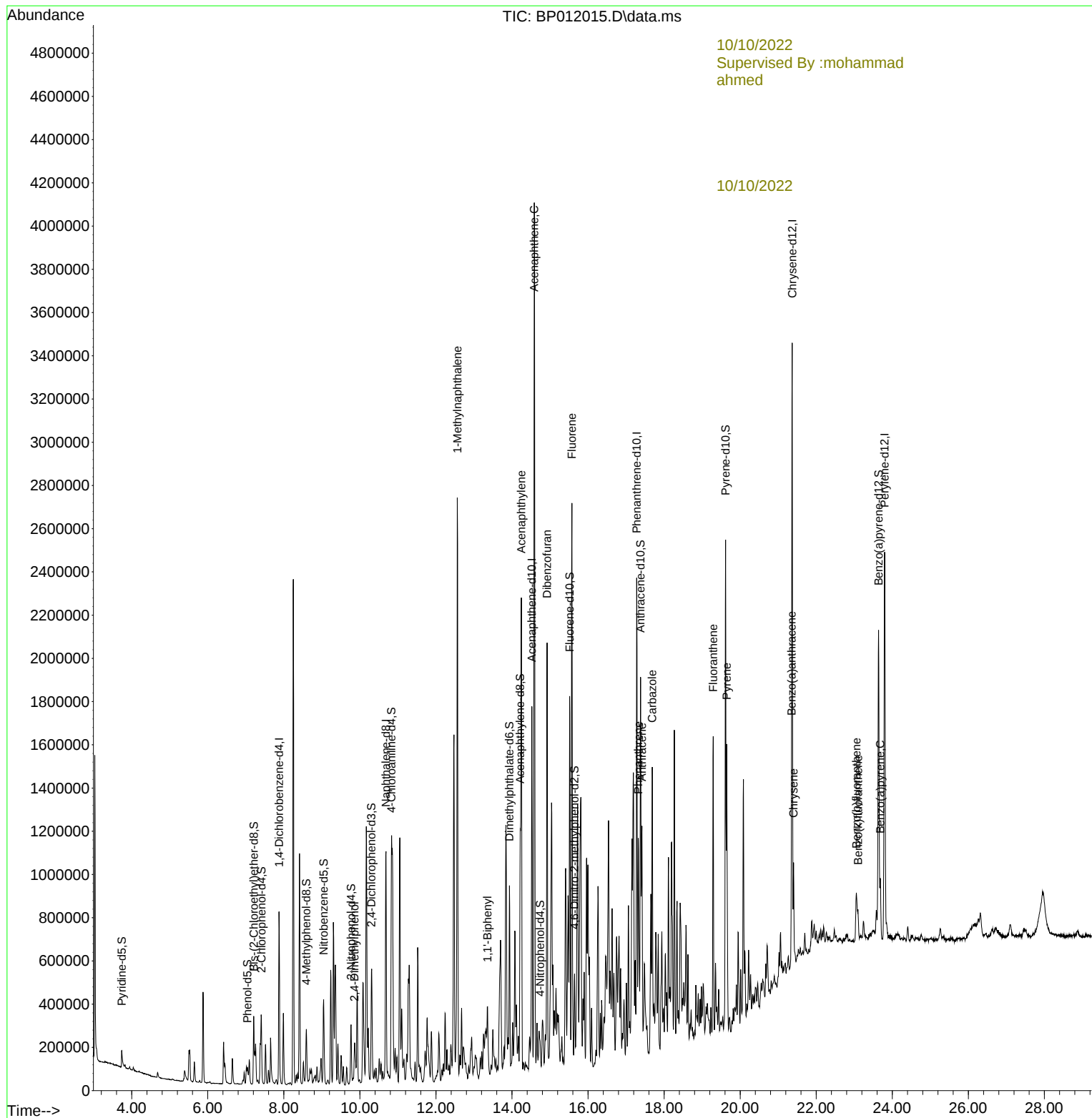
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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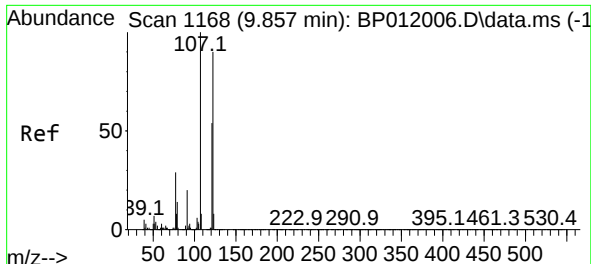
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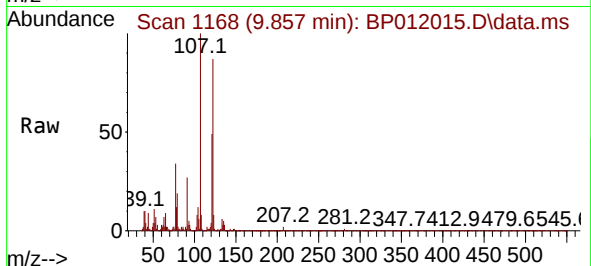
Quant Time: Oct 07 23:10:12 2022
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 Quant Title : SVOA CALIBRATION
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#26
2,4-Dimethylphenol
Concen: 5.324 ng/ul m
RT: 9.857 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP012015.D
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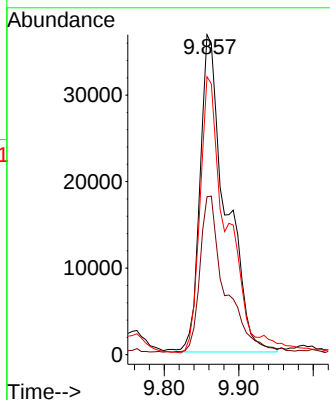
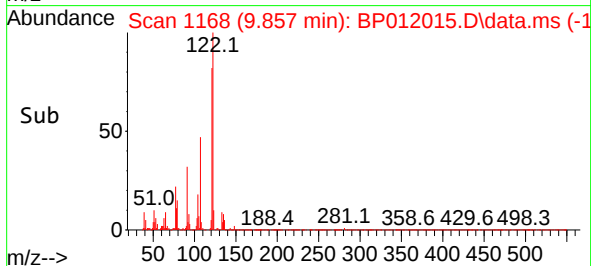
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:107 Resp: 88529
Ion Ratio Lower Upper
107 100
121 49.4 43.0 64.6
122 86.8 74.9 112.3

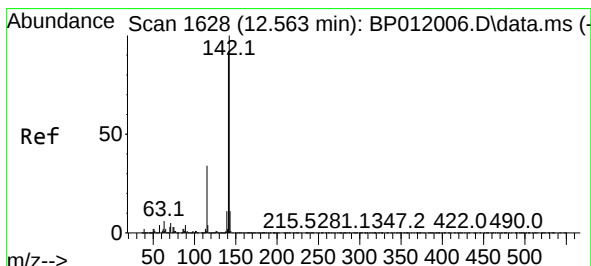
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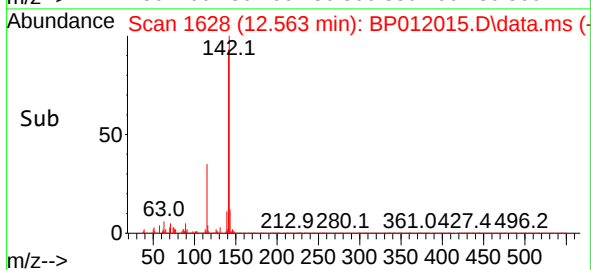
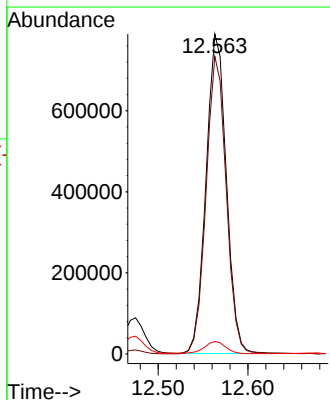
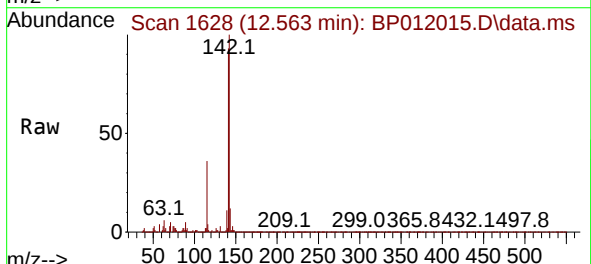
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ahmed

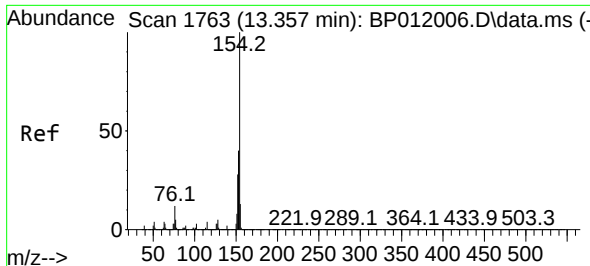
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#37
1-Methylnaphthalene
Concen: 34.576 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

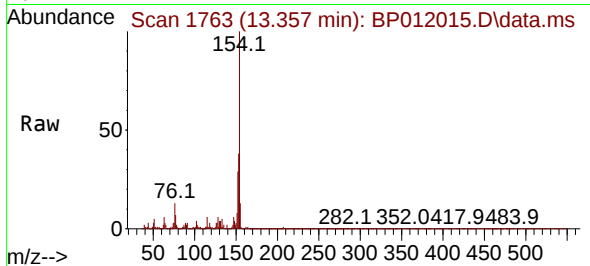
Tgt Ion:142 Resp: 1237523
Ion Ratio Lower Upper
142 100
141 93.0 74.8 112.2
116 3.9 2.9 4.3





#43
1,1'-Biphenyl
Concen: 3.753 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

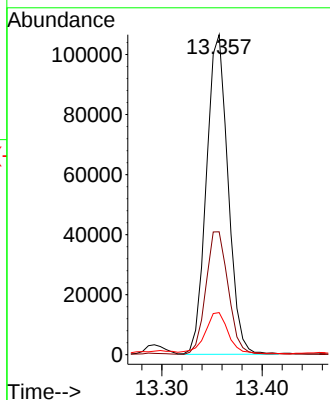
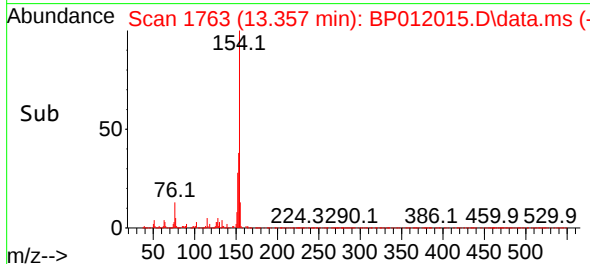
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:154 Resp: 15982
Ion Ratio Lower Upper
154 100
153 38.4 31.8 47.6
76 13.1 9.5 14.3

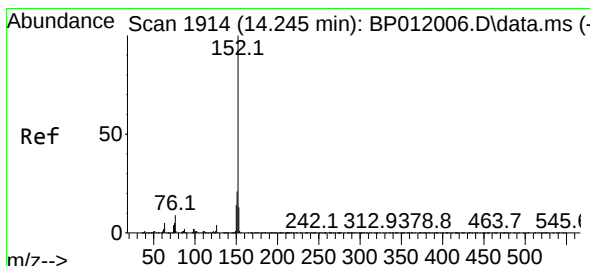
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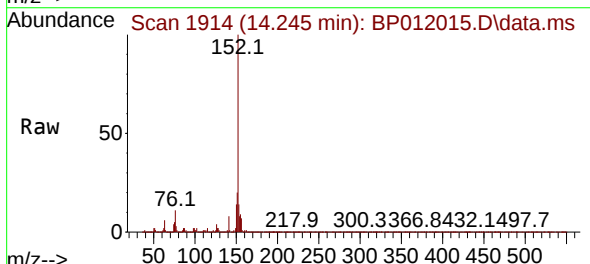


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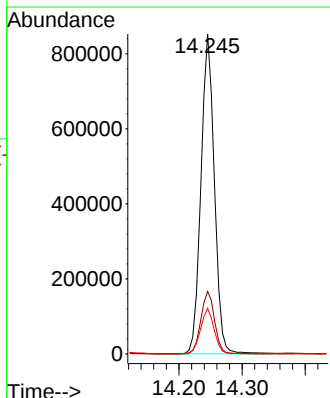
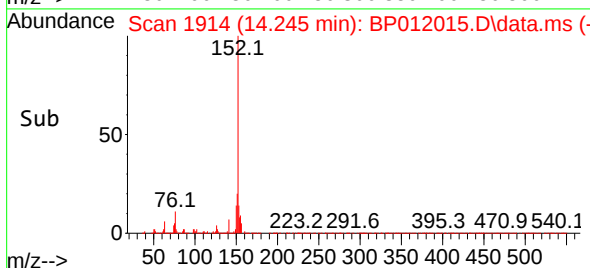
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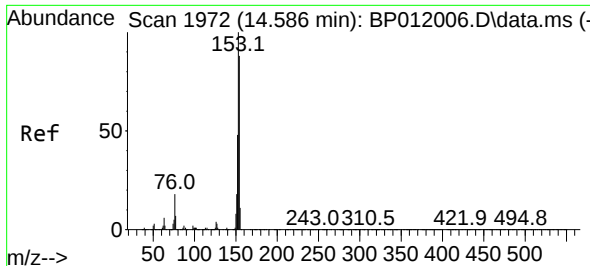


#50
Acenaphthylene
Concen: 24.049 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04



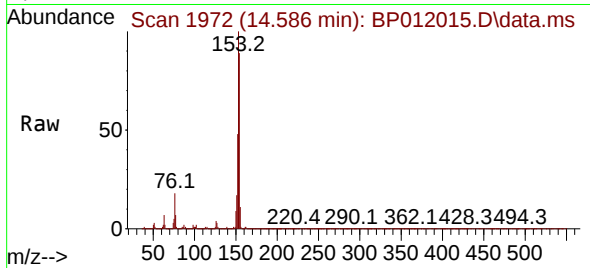
Tgt Ion:152 Resp: 1253686
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 14.3 10.8 16.2





#52
Acenaphthene
Concen: 46.576 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

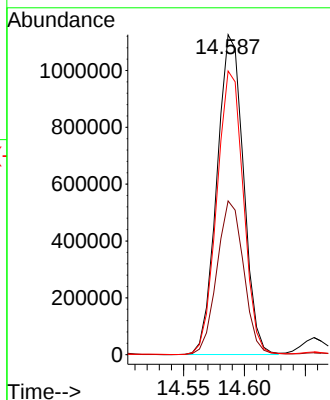
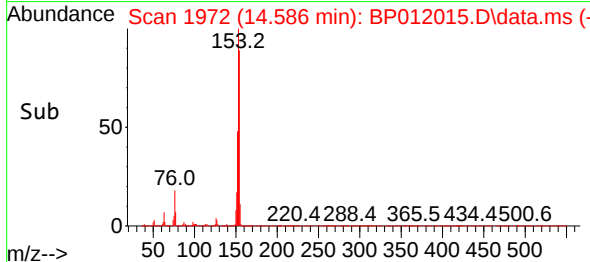
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:153 Resp: 1713004
Ion Ratio Lower Upper
153 100
152 48.1 38.4 57.6
154 88.6 70.6 105.8

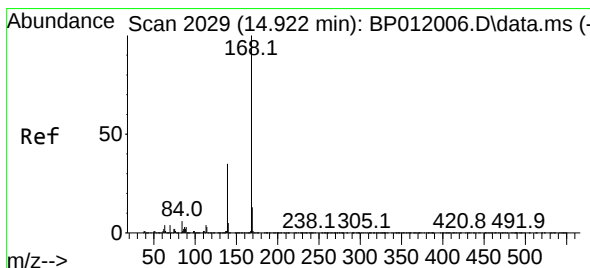
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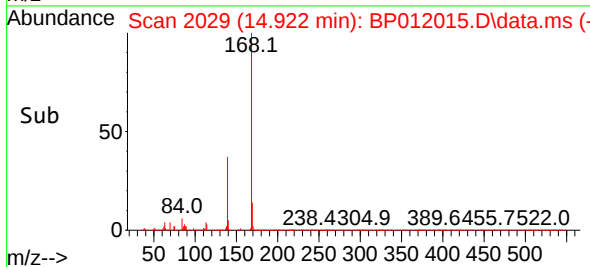
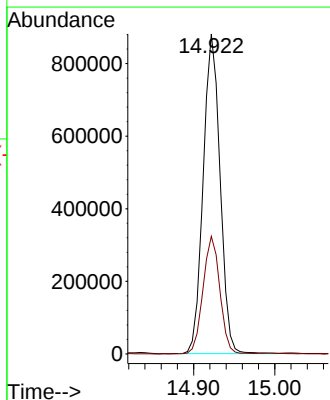
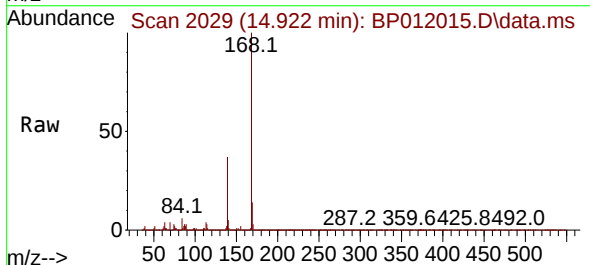
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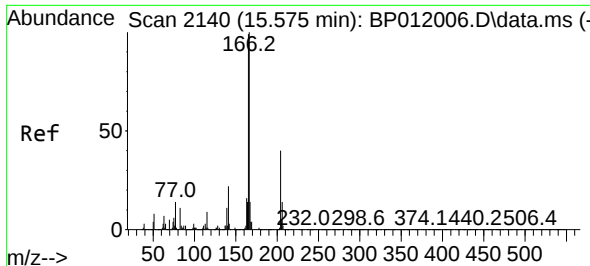
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#56
Dibenzofuran
Concen: 25.204 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

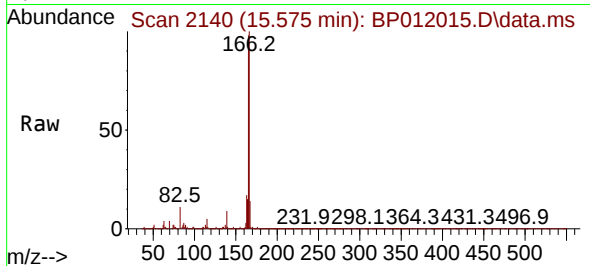
Tgt Ion:168 Resp: 1269667
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.2





#61
Fluorene
Concen: 28.557 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

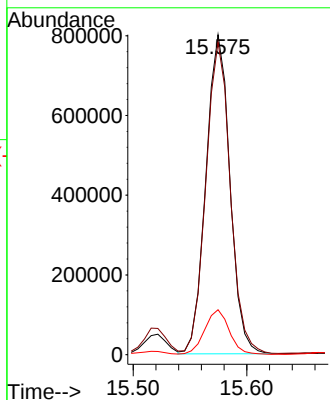
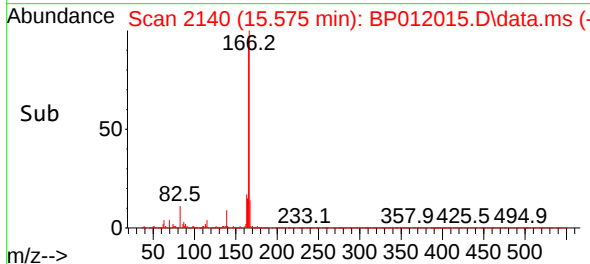
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:166 Resp: 117823
Ion Ratio Lower Upper
166 100
165 97.6 77.2 115.8
167 14.1 10.7 16.1

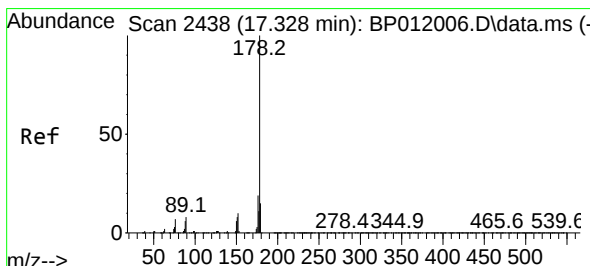
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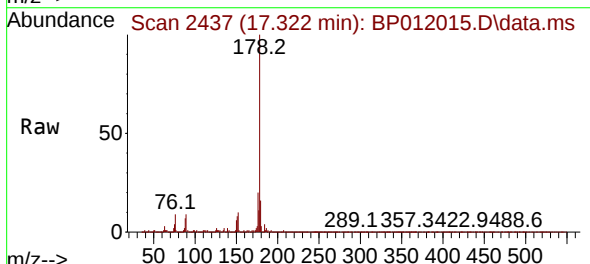


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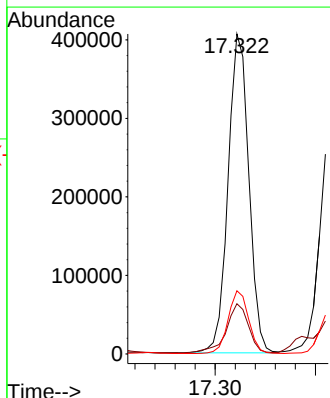
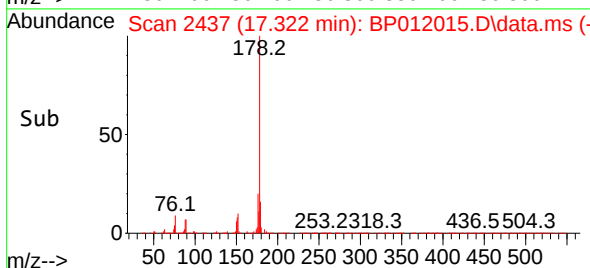
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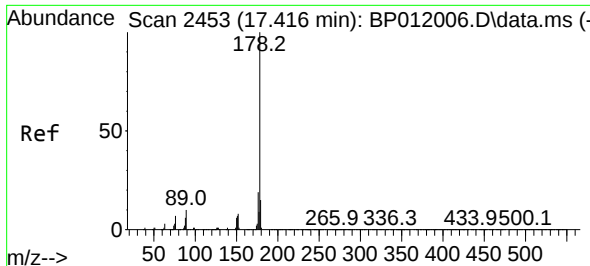


#72
Phenanthrene
Concen: 8.616 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04



Tgt Ion:178 Resp: 583115
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.8 15.4 23.2





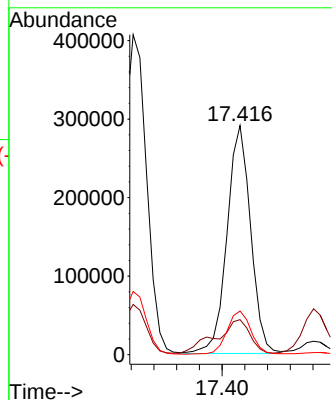
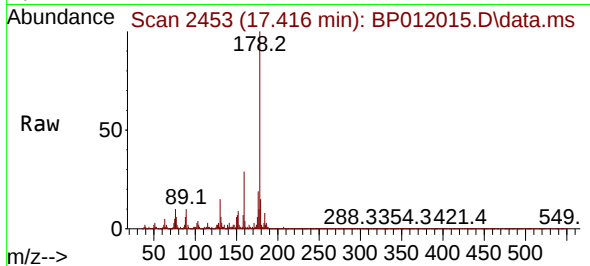
#74
 Anthracene
 Concen: 6.158 ng/ul
 RT: 17.416 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP012015.D
 Acq: 07 Oct 2022 19:04

Instrument :
 BNA_P
 ClientSampleId :
 E10037DL

Tgt Ion:178 Resp: 419340
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.1 15.4 23.2

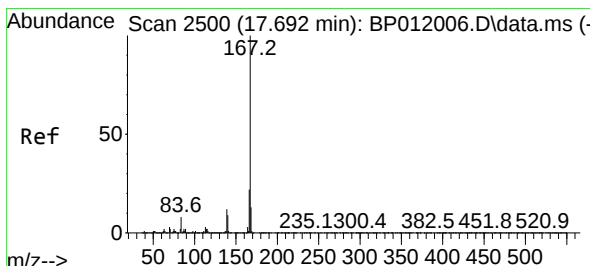
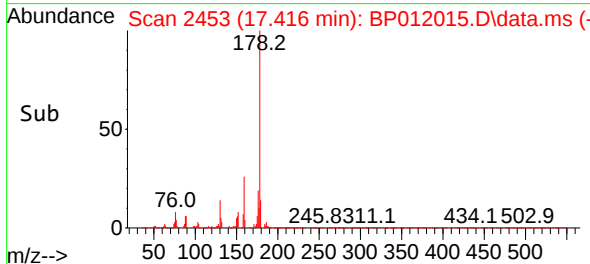
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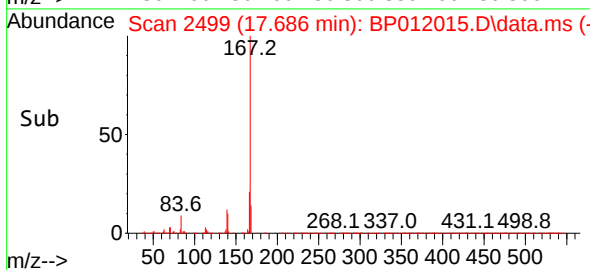
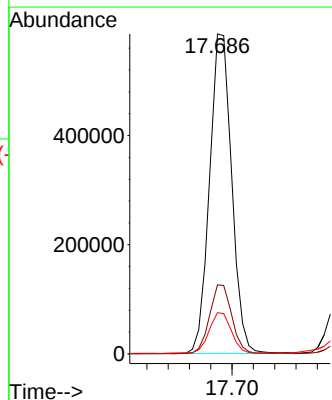
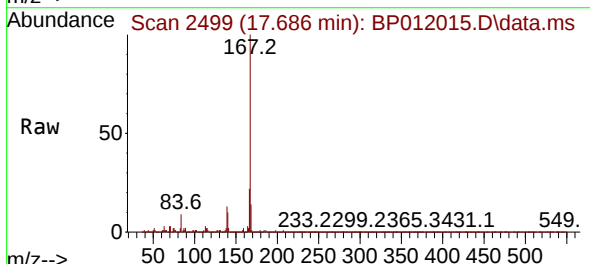
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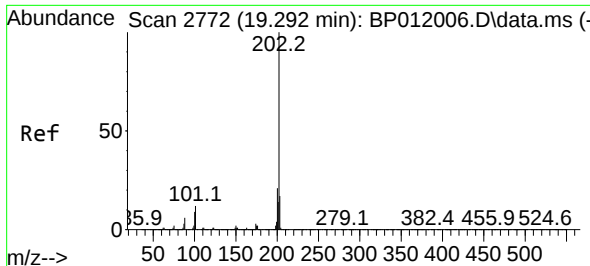
10/10/2022



#77
 Carbazole
 Concen: 13.718 ng/ul
 RT: 17.686 min Scan# 2499
 Delta R.T. -0.000 min
 Lab File: BP012015.D
 Acq: 07 Oct 2022 19:04

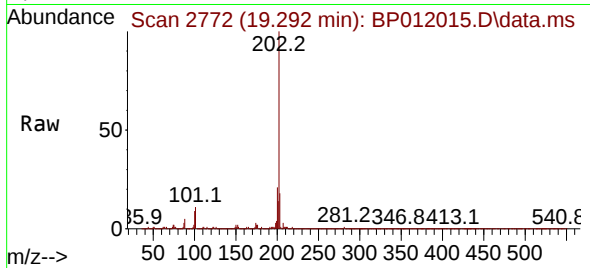
Tgt Ion:167 Resp: 843949
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.9 10.1 15.1





#80
Fluoranthene
Concen: 9.845 ng/ul
RT: 19.292 min Scan# 2772
Delta R.T. 0.006 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

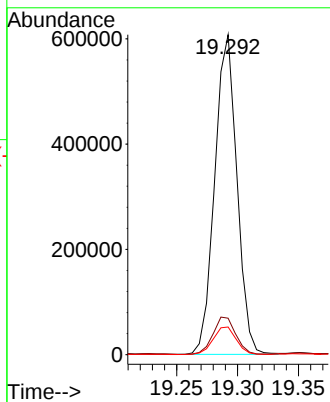
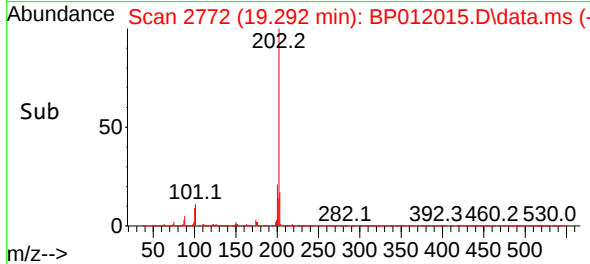
Instrument :
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E10037DL



Tgt Ion:202 Resp: 771840
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
100 8.6 7.4 11.0

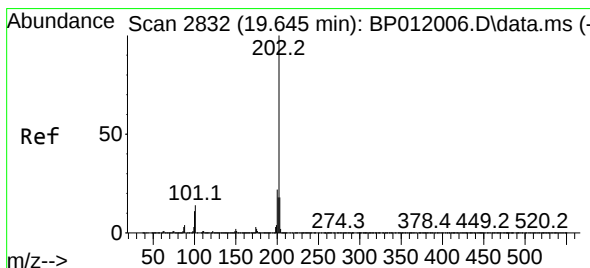
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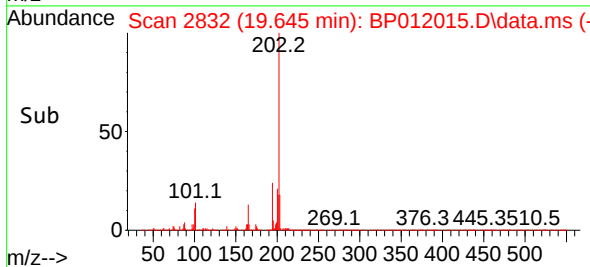
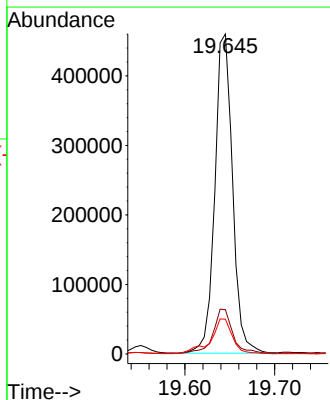
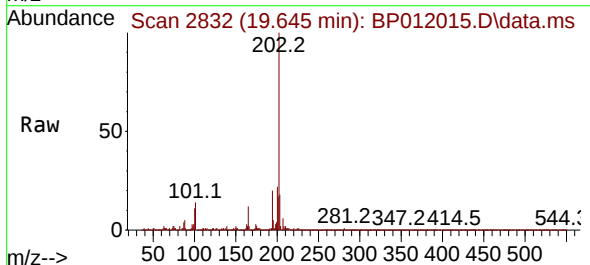
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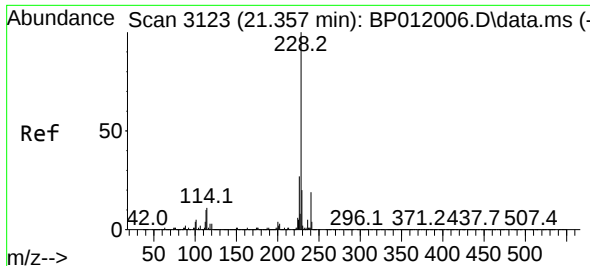
10/10/2022



#82
Pyrene
Concen: 7.716 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP012015.D
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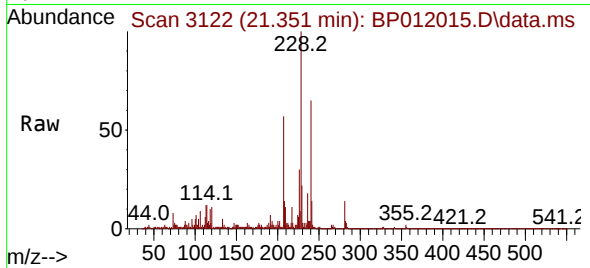
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Ion Ratio Lower Upper
202 100
101 13.9 11.6 17.4
100 10.9 9.4 14.0





#85
Benzo(a)anthracene
Concen: 3.286 ng/ul
RT: 21.351 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

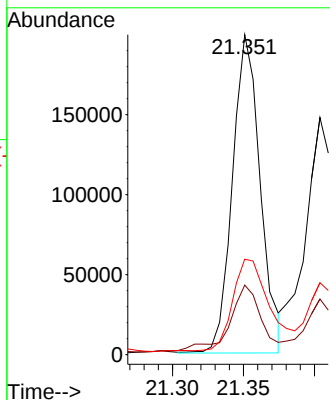
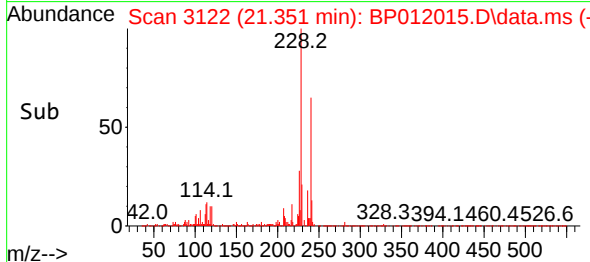
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:228 Resp: 271852
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 29.8 22.0 33.0

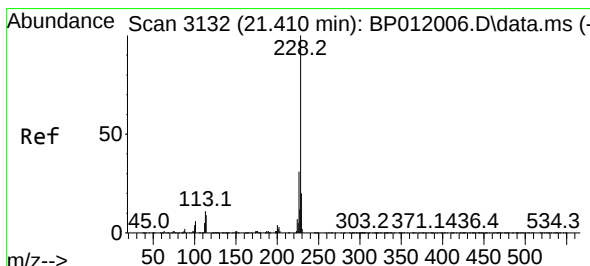
Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

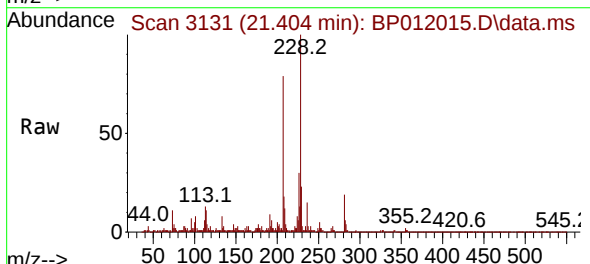


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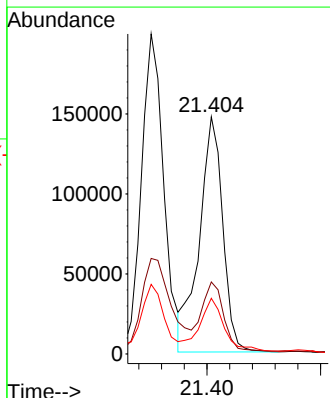
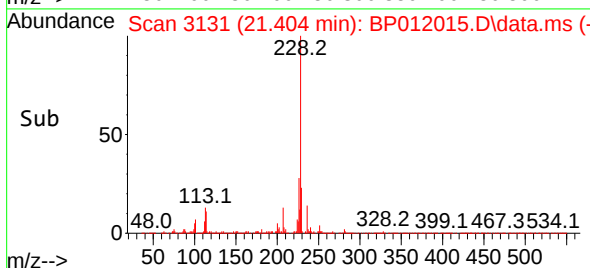
10/10/2022

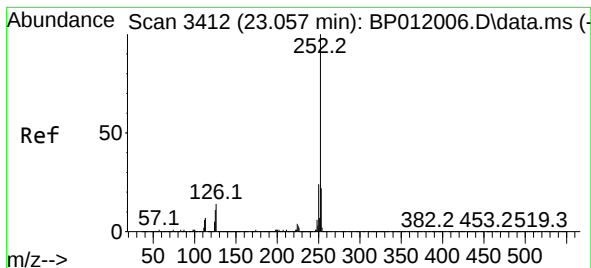


#87
Chrysene
Concen: 2.717 ng/ul
RT: 21.404 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04



Tgt Ion:228 Resp: 210918
Ion Ratio Lower Upper
228 100
226 30.4 25.3 37.9
229 23.5 16.2 24.2





#90

Benzo(b)fluoranthene

Concen: 2.572 ng/ul

RT: 23.057 min Scan# 3412

Delta R.T. 0.006 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

Instrument :

BNA_P

ClientSampleId :

E10037DL

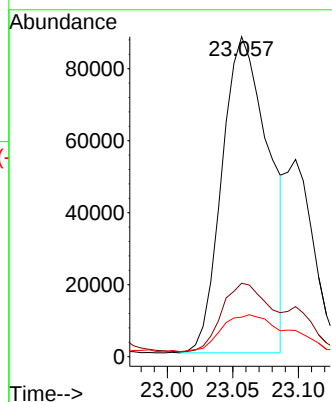
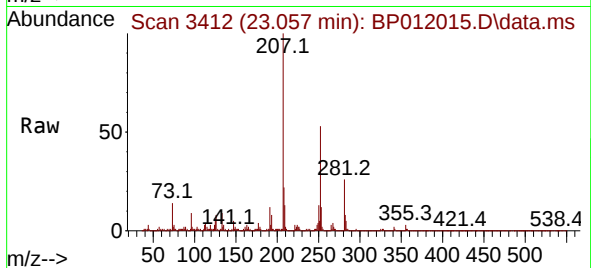
Tgt Ion:252 Resp: 21818

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.3	9.2	13.8

Manual Integrations

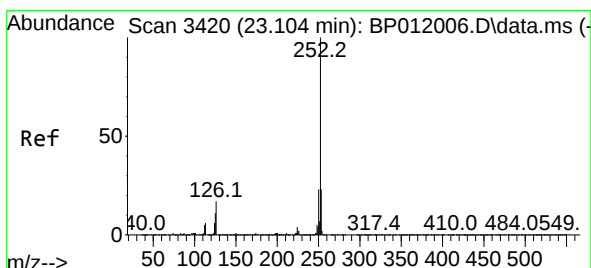
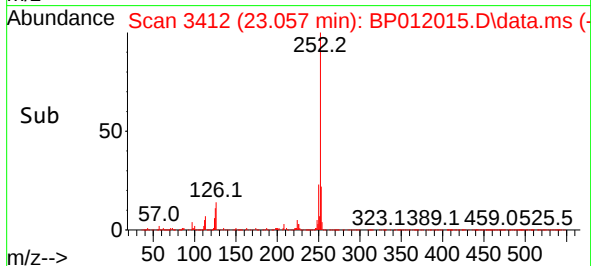
APPROVED

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



10/10/2022
Supervised By :mohammad
ahmed

10/10/2022



#91

Benzo(k)fluoranthene

Concen: 1.026 ng/ul m

RT: 23.098 min Scan# 3419

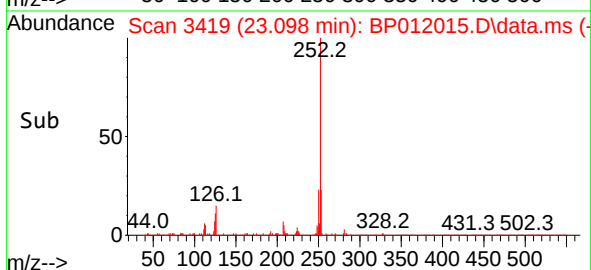
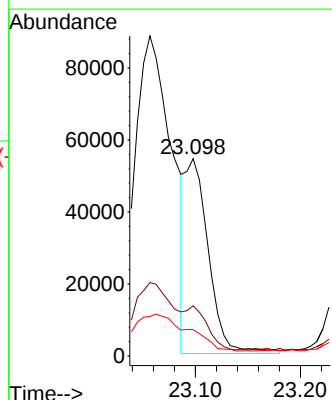
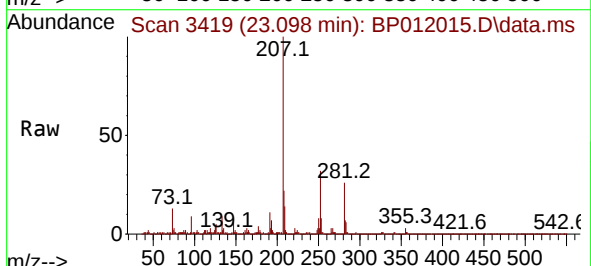
Delta R.T. -0.000 min

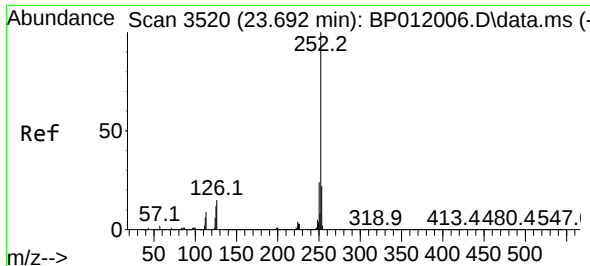
Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

Tgt Ion:252 Resp: 83821

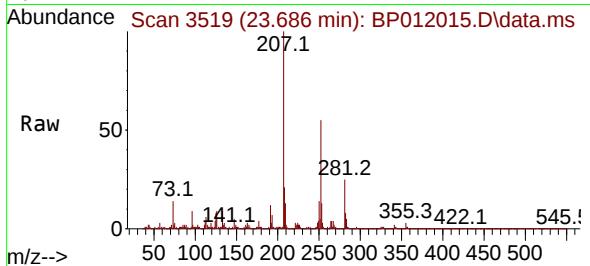
Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	13.3	9.2	13.8





#93
Benzo(a)pyrene
Concen: 2.449 ng/ul
RT: 23.686 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

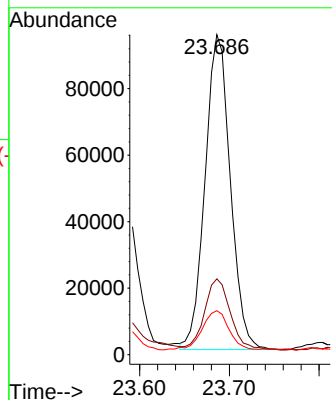
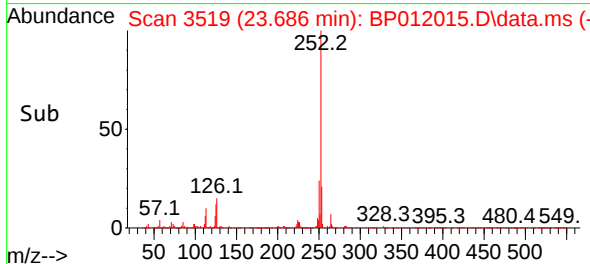
Instrument :
BNA_P
ClientSampleId :
E10037DL



Tgt Ion:252 Resp: 18540
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 13.7 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