

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011993.D
 Acq On : 07 Oct 2022 04:53
 Operator : CG/JU
 Sample : N4923-19
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10044

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
 ahmed
 10/10/2022

Quant Time: Oct 07 05:56:39 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	262589	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1105170	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	701462	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1468659	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1456402	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	1570439	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	25818	4.336	ng/uL	0.00
4) Pyridine-d5	3.722	84	173979	9.976	ng/u1	0.00
7) Phenol-d5	7.040	99	132134	5.829	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	332125	26.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	386143	21.578	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	247436	13.204	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	255888	30.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	265830	29.516	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	442168	26.543	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	701952m	27.640	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1596234	31.822	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1795488	31.398	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	58333	5.616	ng/u1	0.01
60) Fluorene-d10	15.516	176	1408680	32.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	248245	27.926	ng/u1	0.00
73) Anthracene-d10	17.380	188	2262335	33.816	ng/u1	0.00
81) Pyrene-d10	19.616	212	2535488	34.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	2666271	33.916	ng/u1	0.00
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.563	142	155286	3.733	ng/u1#	97
50) Acenaphthylene	14.245	152	1545126	24.329	ng/u1	100
52) Acenaphthene	14.586	153	892967	19.929	ng/u1	99
56) Dibenzofuran	14.922	168	925694	15.083	ng/u1	99
61) Fluorene	15.569	166	1090540	21.695	ng/u1	100
72) Phenanthrene	17.322	178	1546335	19.159	ng/u1	100
74) Anthracene	17.416	178	1163643	14.329	ng/u1	99
77) Carbazole	17.686	167	208254	2.838	ng/u1	98
80) Fluoranthene	19.286	202	2393196	26.513	ng/u1	99
82) Pyrene	19.639	202	1989878	21.173	ng/u1	99
85) Benzo(a)anthracene	21.351	228	1076904	11.307	ng/u1	95
87) Chrysene	21.404	228	899817	10.067	ng/u1	98
90) Benzo(b)fluoranthene	23.051	252	833078	8.311	ng/u1	98
91) Benzo(k)fluoranthene	23.092	252	345178m	3.576	ng/u1	
93) Benzo(a)pyrene	23.686	252	801656	8.962	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.309	276	398217	3.497	ng/u1	96
95) Dibenzo(a,h)anthracene	26.321	278	114328	1.130	ng/u1#	91
96) Benzo(g,h,i)perylene	27.092	276	354050	3.507	ng/u1	98

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

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 ALS Vial : 82 Sample Multiplier: 1

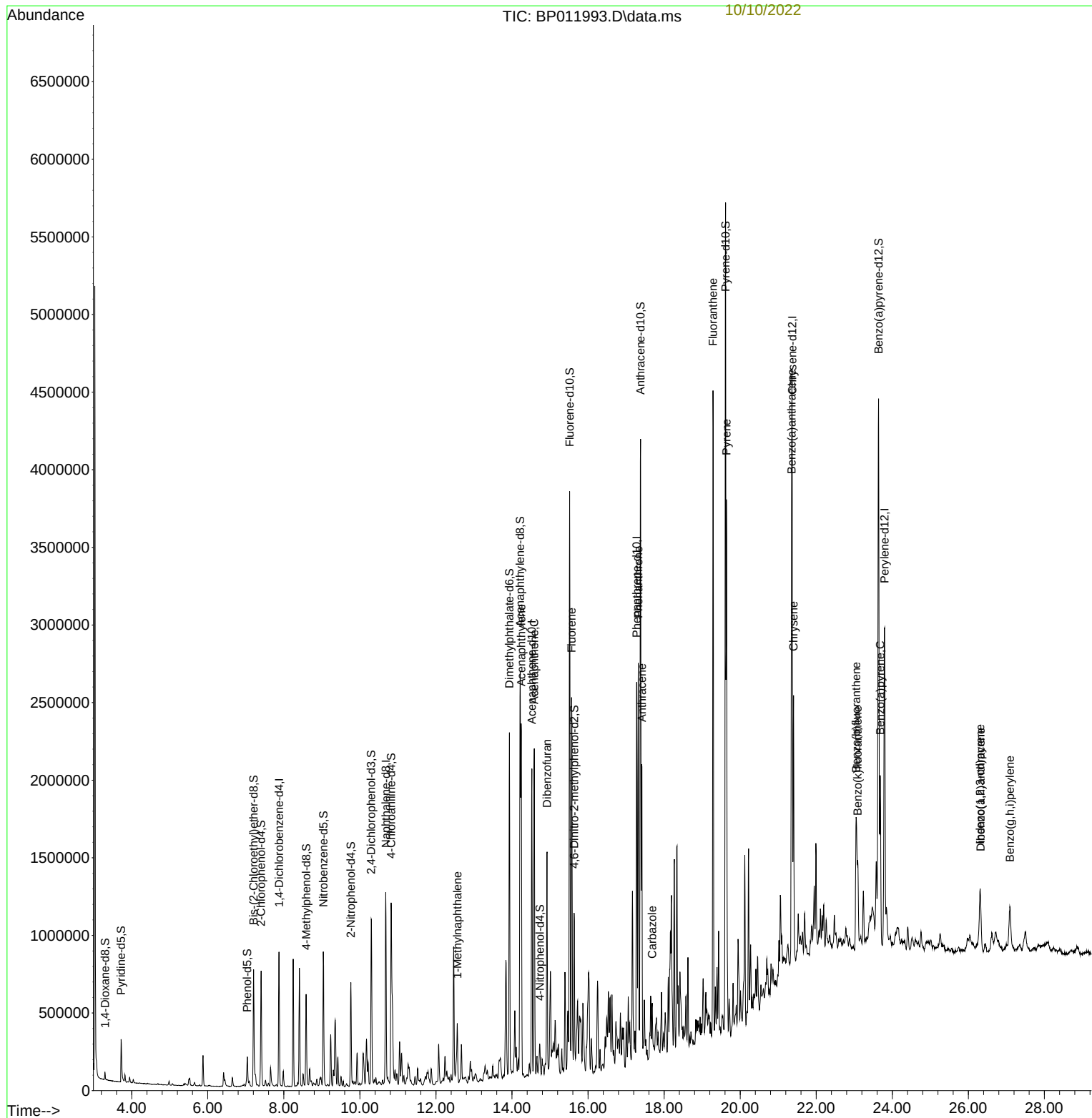
Instrument :
 BNA_P
 ClientSampleId :
 E10044

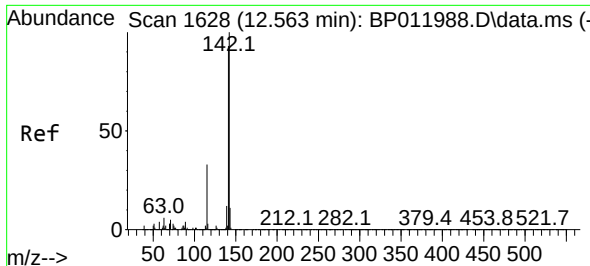
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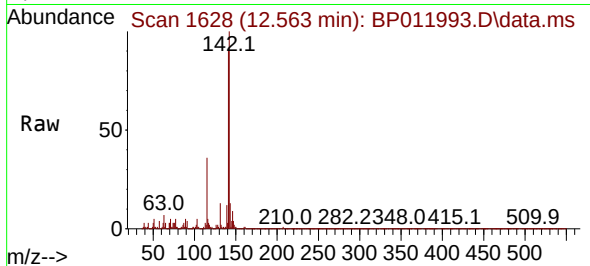
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#37
1-Methylnaphthalene
Concen: 3.733 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Instrument : BNA_P
ClientSampleId : E10044

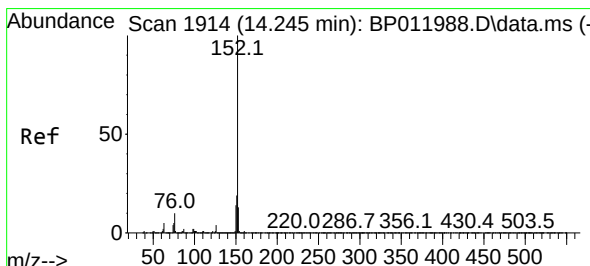
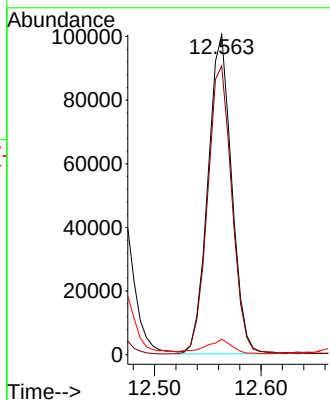
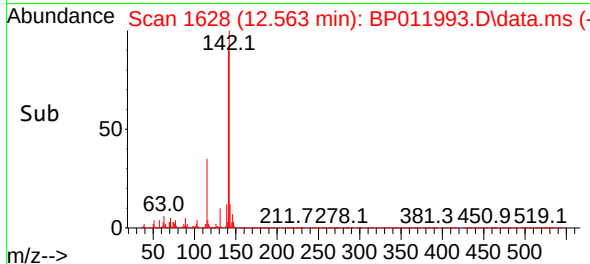


Tgt Ion:142 Resp: 155280
Ion Ratio Lower Upper
142 100
141 90.2 74.8 112.2
116 4.8 2.9 4.3

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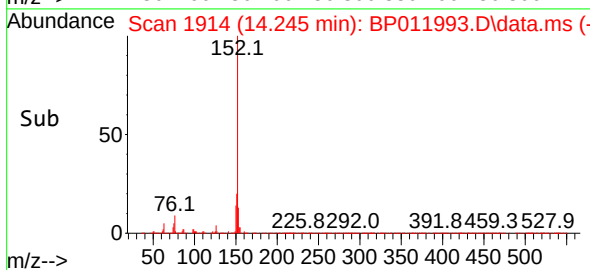
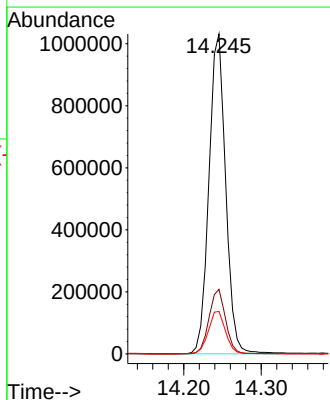
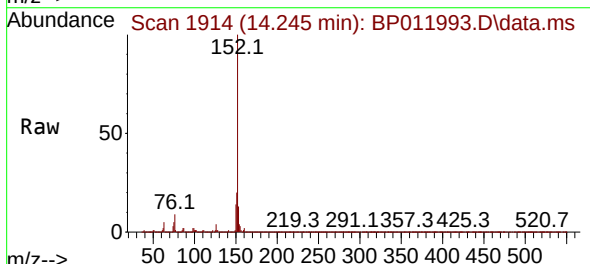
Reviewed By :Jagrut Upadhyay 10/07/2022
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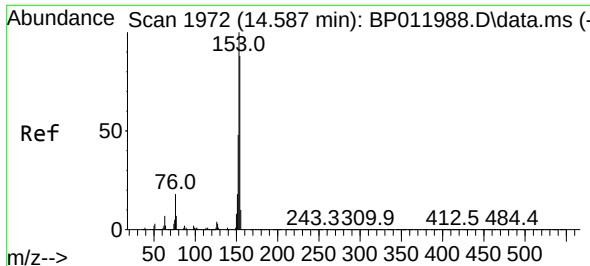
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10/10/2022



#50
Acenaphthylene
Concen: 24.329 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

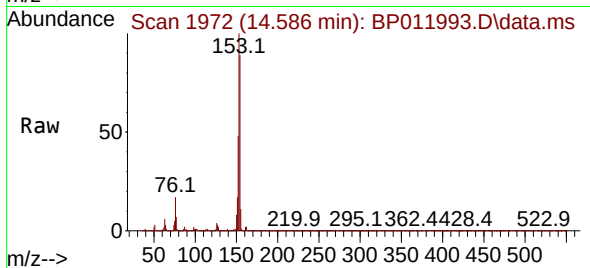
Tgt Ion:152 Resp: 1545126
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.8 16.2





#52
Acenaphthene
Concen: 19.929 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Instrument :
BNA_P
ClientSampleId :
E10044

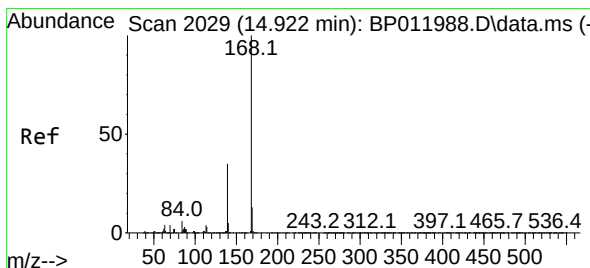
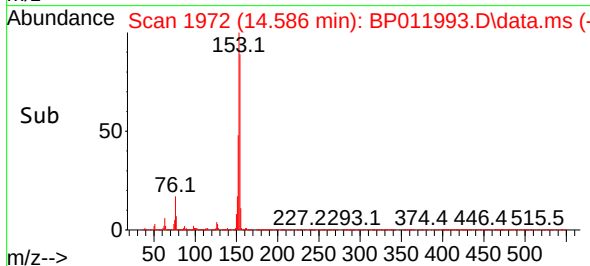
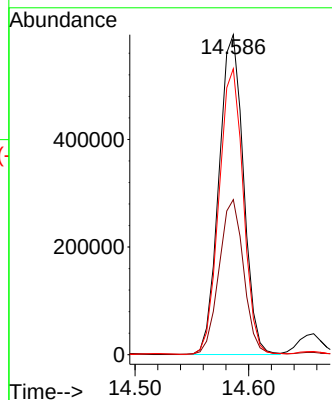


Tgt Ion:153 Resp: 89296
Ion Ratio Lower Upper
153 100
152 48.4 38.4 57.6
154 89.3 70.6 105.8

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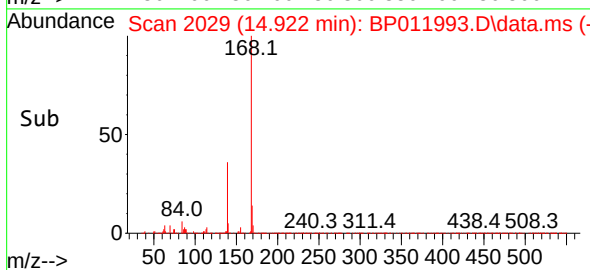
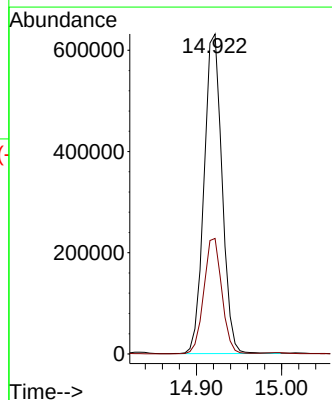
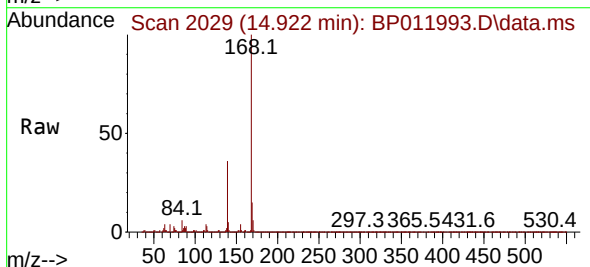
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

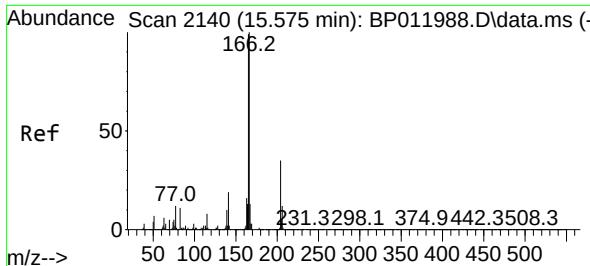
Supervised By :mohammad
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10/10/2022



#56
Dibenzofuran
Concen: 15.083 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

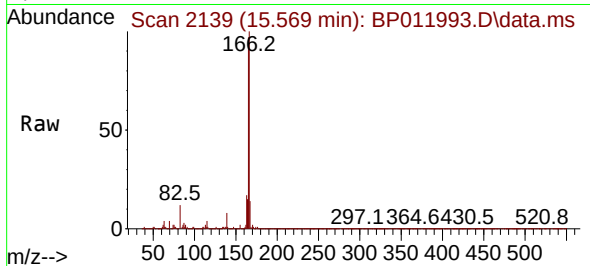
Tgt Ion:168 Resp: 925694
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.2





#61
Fluorene
Concen: 21.695 ng/ul
RT: 15.569 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Instrument :
BNA_P
ClientSampleId :
E10044

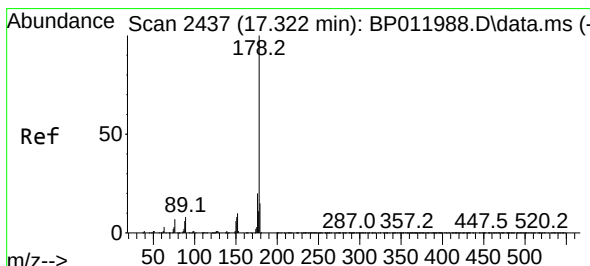
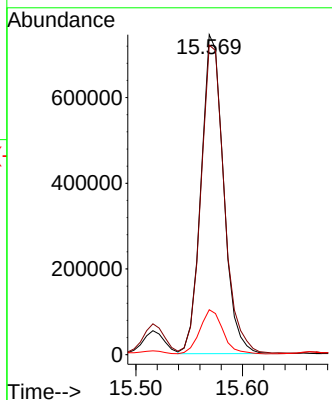
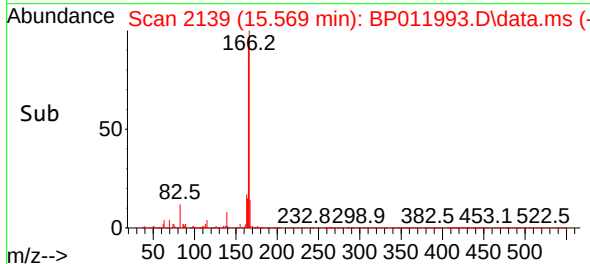


Tgt Ion:166 Resp: 1090540
Ion Ratio Lower Upper
166 100
165 96.8 77.2 115.8
167 14.1 10.7 16.1

Manual Integrations
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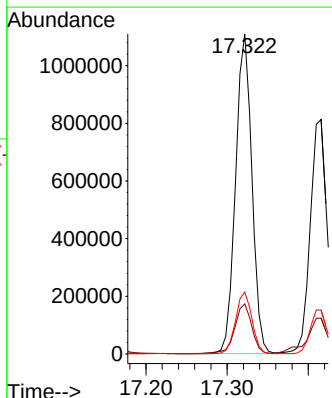
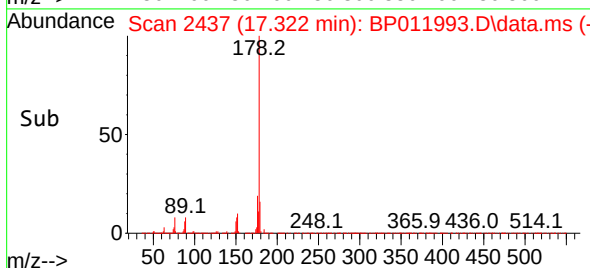
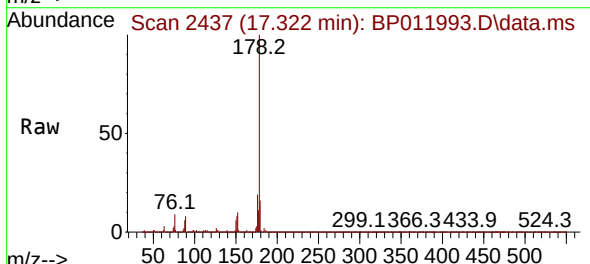
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

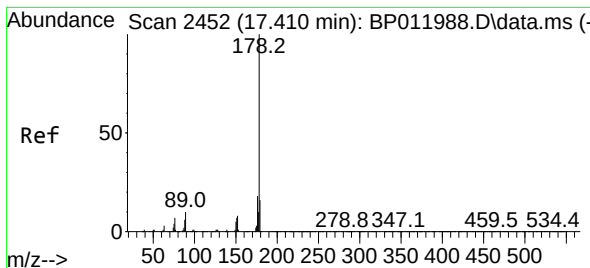
Supervised By :mohammad
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#72
Phenanthrene
Concen: 19.159 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Tgt Ion:178 Resp: 1546335
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.4 23.2





#74

Anthracene

Concen: 14.329 ng/ul

RT: 17.416 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

Instrument :

BNA_P

ClientSampleId :

E10044

Tgt Ion:178 Resp: 116364

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

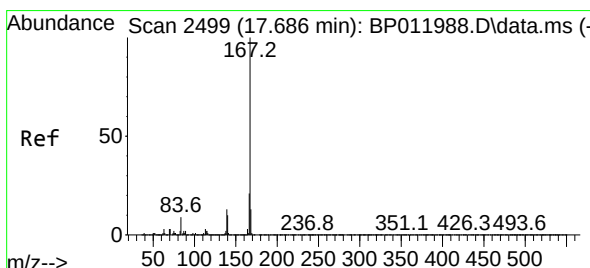
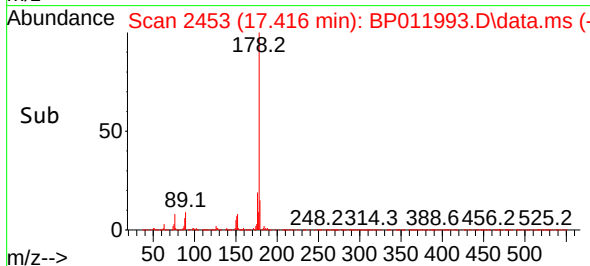
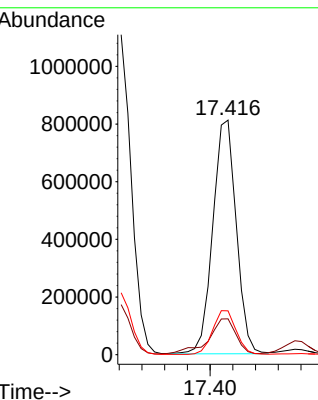
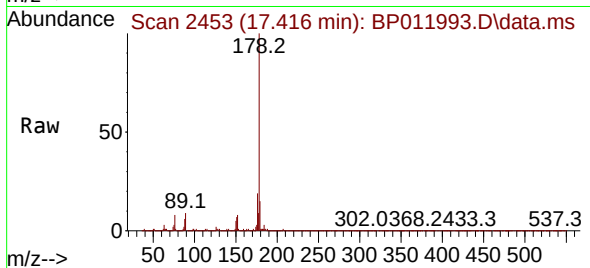
176 18.7 15.4 23.2

Manual Integrations

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10/10/2022



#77

Carbazole

Concen: 2.838 ng/ul

RT: 17.686 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

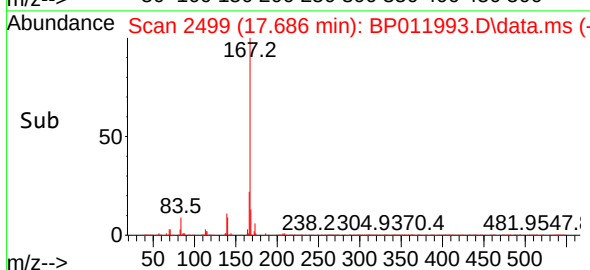
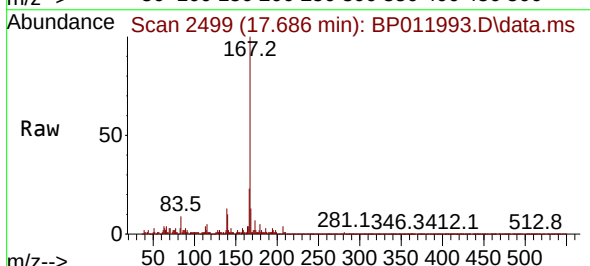
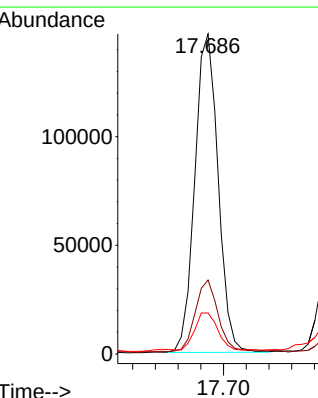
Tgt Ion:167 Resp: 208254

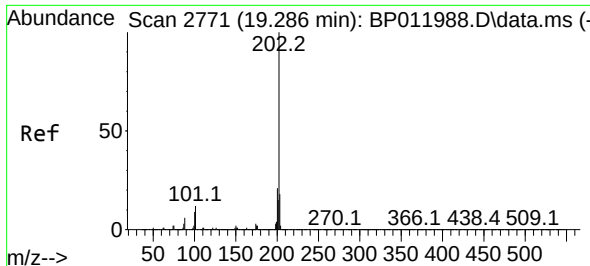
Ion Ratio Lower Upper

167 100

166 23.1 17.1 25.7

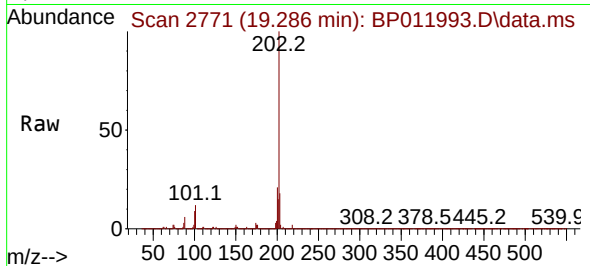
139 12.8 10.1 15.1





#80
Fluoranthene
Concen: 26.513 ng/u1
RT: 19.286 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Instrument :
BNA_P
ClientSampleId :
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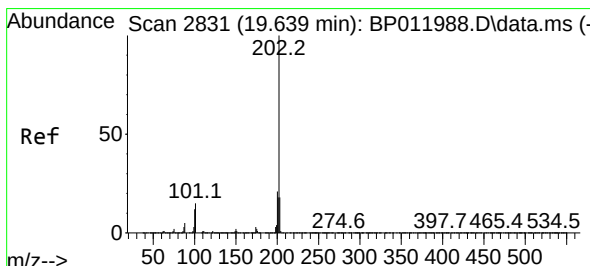
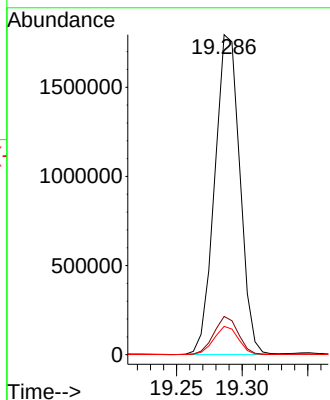
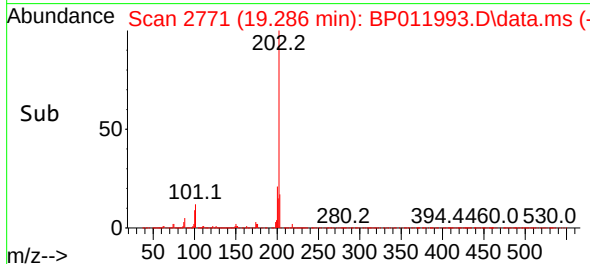


Tgt Ion:202 Resp: 2393190
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.8 7.4 11.0

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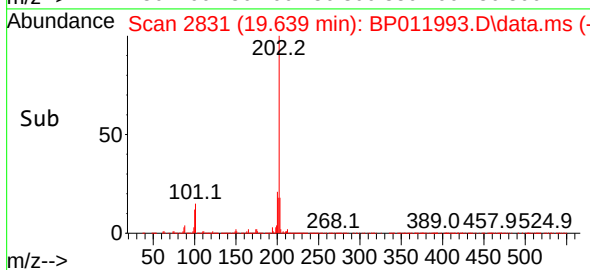
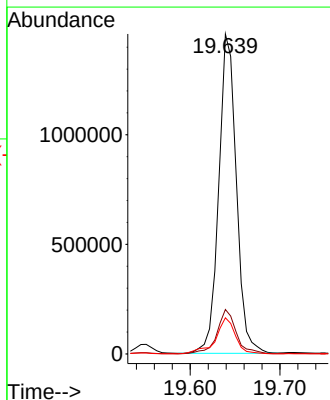
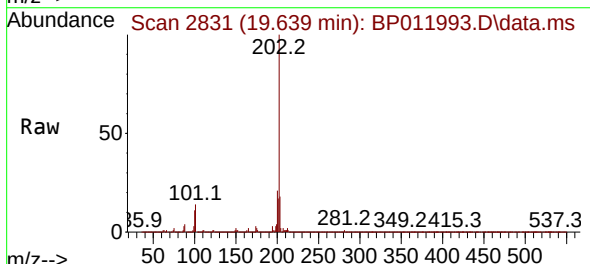
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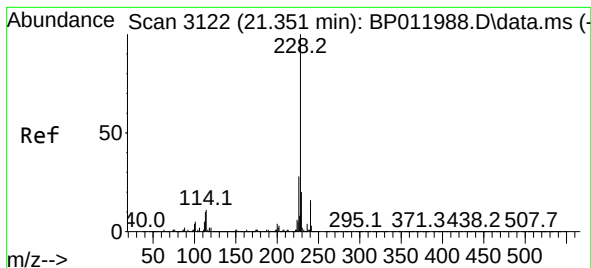
Supervised By :mohammad
ahmed
10/10/2022



#82
Pyrene
Concen: 21.173 ng/u1
RT: 19.639 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Tgt Ion:202 Resp: 1989878
Ion Ratio Lower Upper
202 100
101 13.9 11.6 17.4
100 11.3 9.4 14.0





#85

Benzo(a)anthracene

Concen: 11.307 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

Instrument :

BNA_P

ClientSampleId :

E10044

Tgt Ion:228 Resp: 1076904

Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.6

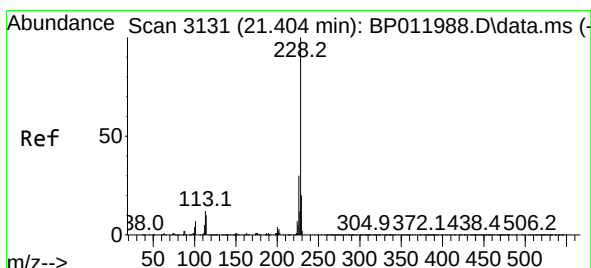
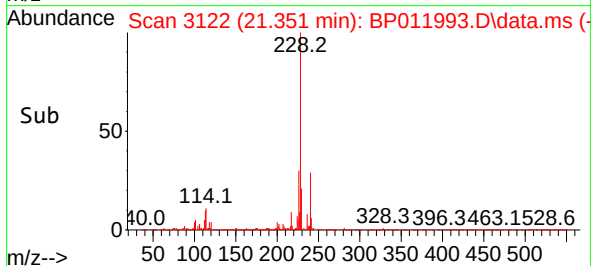
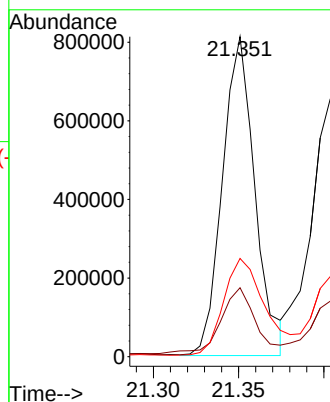
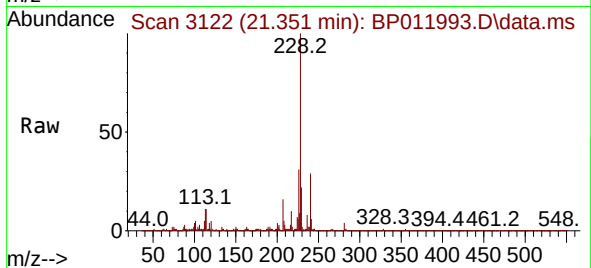
226 30.7 22.0 33.0

Manual Integrations

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Supervised By :mohammad
ahmed
10/10/2022



#87

Chrysene

Concen: 10.067 ng/ul

RT: 21.404 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

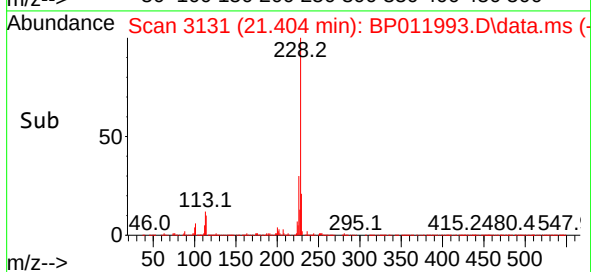
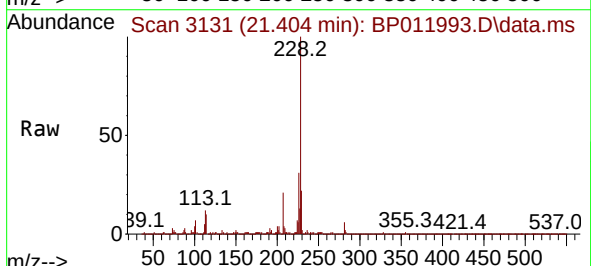
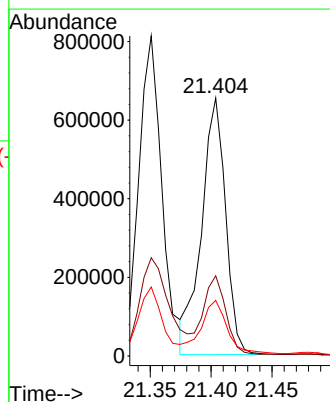
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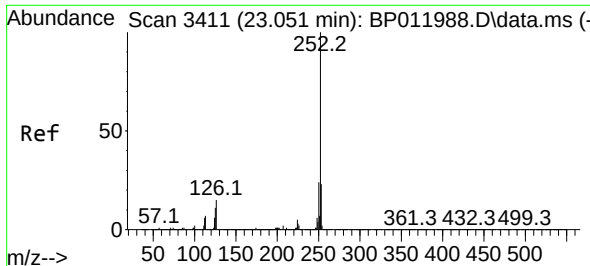
Ion Ratio Lower Upper

228 100

226 31.1 25.3 37.9

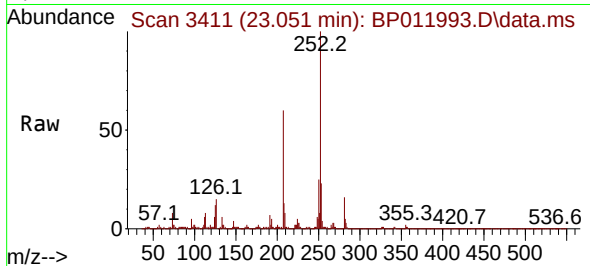
229 21.6 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 8.311 ng/ul
RT: 23.051 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

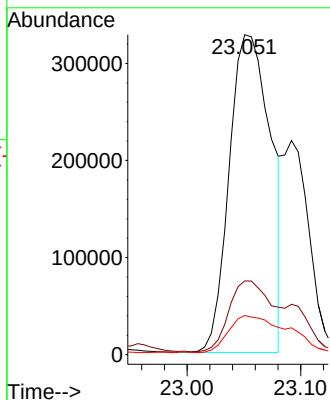
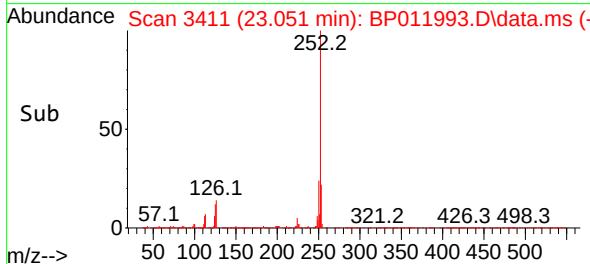
Instrument :
BNA_P
ClientSampleId :
E10044



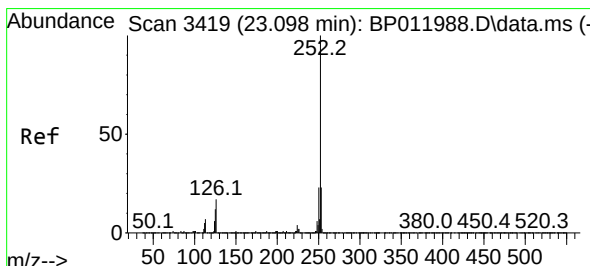
Tgt Ion:252 Resp: 833078
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.3 9.2 13.8

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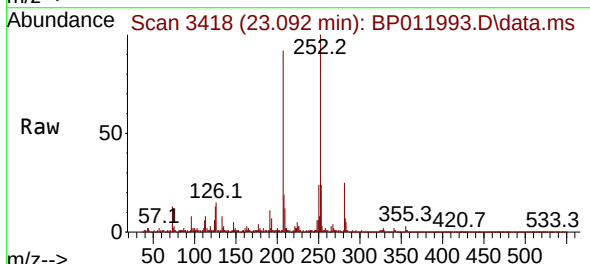
Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022



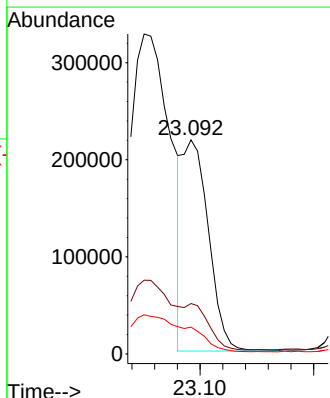
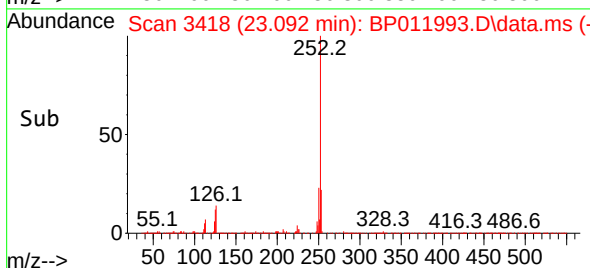
Supervised By :mohammad
ahmed
10/10/2022

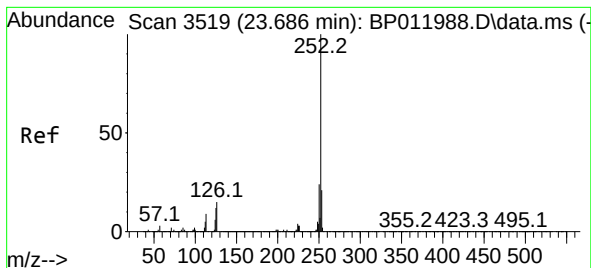


#91
Benzo(k)fluoranthene
Concen: 3.576 ng/ul m
RT: 23.092 min Scan# 3418
Delta R.T. -0.006 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53



Tgt Ion:252 Resp: 345178
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 12.5 9.2 13.8





#93

Benzo(a)pyrene

Concen: 8.962 ng/ul

RT: 23.686 min Scan# 3519

Delta R.T. -0.000 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

Instrument :

BNA_P

ClientSampleId :

E10044

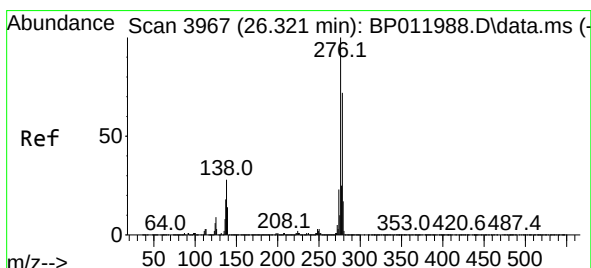
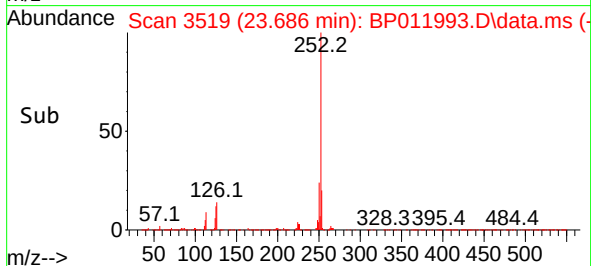
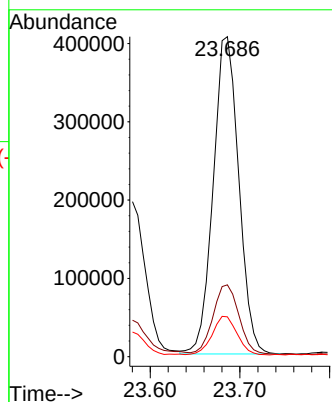
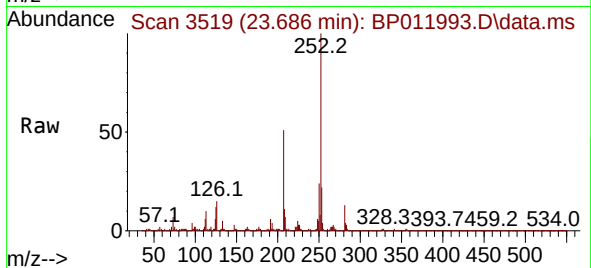
Tgt Ion:	252	Resp:	801650
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	12.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
ahmed
10/10/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.497 ng/ul

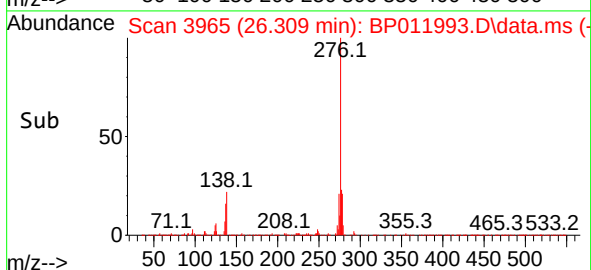
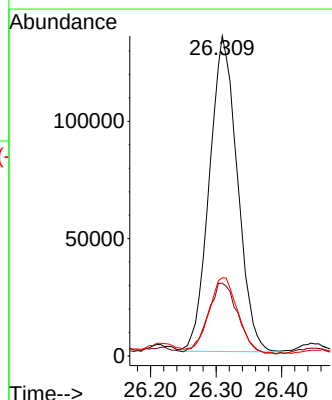
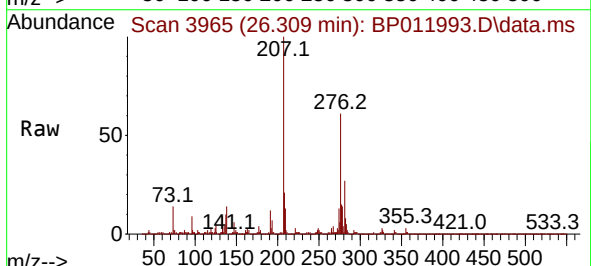
RT: 26.309 min Scan# 3965

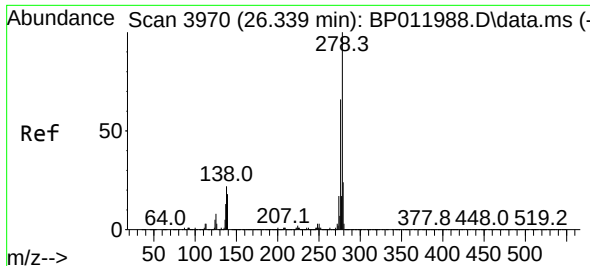
Delta R.T. -0.012 min

Lab File: BP011993.D

Acq: 07 Oct 2022 04:53

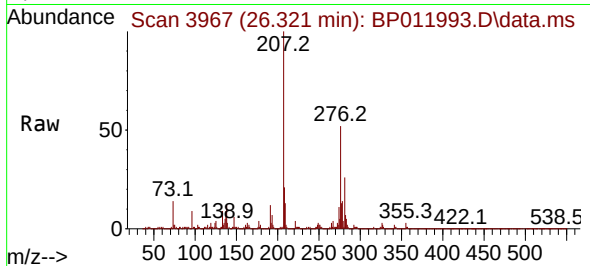
Tgt Ion:	276	Resp:	398217
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.4	32.0
277	24.5	19.9	29.9





#95
Dibenzo(a,h)anthracene
Concen: 1.130 ng/ul
RT: 26.321 min Scan# 3970
Delta R.T. -0.018 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53

Instrument : BNA_P
ClientSampleId : E10044

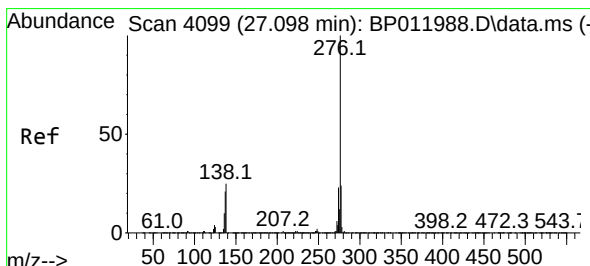
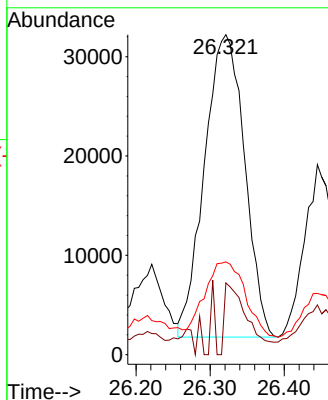
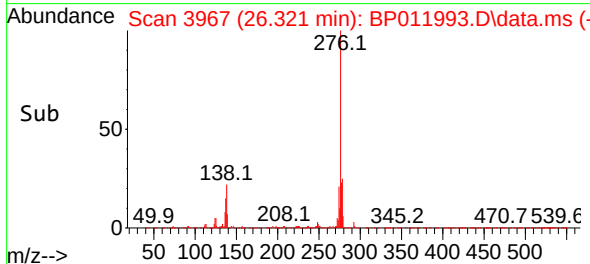


Tgt Ion:278 Resp: 114328
Ion Ratio Lower Upper
278 100
139 22.5 15.0 22.6
279 29.0 19.0 28.6

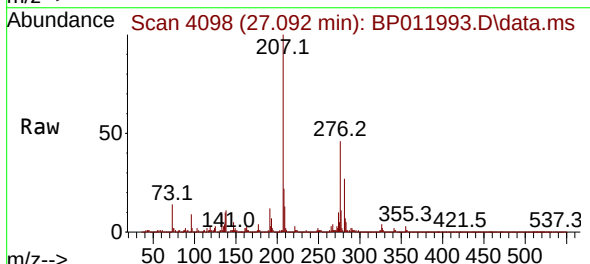
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
Supervised By :mohammad ahmed 10/10/2022

Supervised By :mohammad
ahmed
10/10/2022



#96
Benzo(g,h,i)perylene
Concen: 3.507 ng/ul
RT: 27.092 min Scan# 4098
Delta R.T. -0.006 min
Lab File: BP011993.D
Acq: 07 Oct 2022 04:53



Tgt Ion:276 Resp: 354050
Ion Ratio Lower Upper
276 100
138 23.6 19.8 29.6
277 24.3 18.6 27.8

