

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
 Data File : BP011858.D
 Acq On : 01 Oct 2022 13:01
 Operator : CG/JU
 Sample : N4745-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8N7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
 Supervised By :mohammad ahmed 10/04/2022

Quant Time: Oct 03 00:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 01 00:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	303951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	1377529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	900108	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1885024	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1689523	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	1427231	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	21792	3.162	ng/uL	0.00
4) Pyridine-d5	3.734	84	157692	7.811	ng/u1	0.00
7) Phenol-d5	7.057	99	513767	19.579	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	288473	19.834	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	442538	21.364	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	423077	19.504	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	224375	21.384	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	248904	22.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	456582	21.989	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	519868	16.423	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1426531	22.162	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1667500	22.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	100736	7.558	ng/u1	0.00
60) Fluorene-d10	15.539	176	1309266	23.422	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	97297	8.528	ng/u1	0.00
73) Anthracene-d10	17.398	188	2045839	23.826	ng/u1	0.00
81) Pyrene-d10	19.633	212	2388882	27.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1797227	25.155	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.087	94	32796	1.205	ng/u1	95
16) Acetophenone	8.722	105	37058	1.121	ng/u1	99
52) Acenaphthene	14.604	153	61269	1.066	ng/u1	99
61) Fluorene	15.592	166	84392	1.308	ng/u1	100
72) Phenanthrene	17.339	178	1483178	14.317	ng/u1	100
74) Anthracene	17.433	178	303331	2.910	ng/u1	98
77) Carbazole	17.704	167	130803	1.389	ng/u1	98
80) Fluoranthene	19.304	202	2233105	21.326	ng/u1	99
82) Pyrene	19.663	202	1892005	17.354	ng/u1	96
85) Benzo(a)anthracene	21.368	228	914205	8.274	ng/u1	99
87) Chrysene	21.421	228	880887	8.496	ng/u1	97
90) Benzo(b)fluoranthene	23.080	252	996620	10.940	ng/u1	98
91) Benzo(k)fluoranthene	23.121	252	341291m	3.891	ng/u1	
93) Benzo(a)pyrene	23.715	252	652805	8.030	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.356	276	426495	4.122	ng/u1	96
95) Dibenzo(a,h)anthracene	26.374	278	106654m	1.160	ng/u1	
96) Benzo(g,h,i)perylene	27.139	276	353111	3.849	ng/u1	97

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

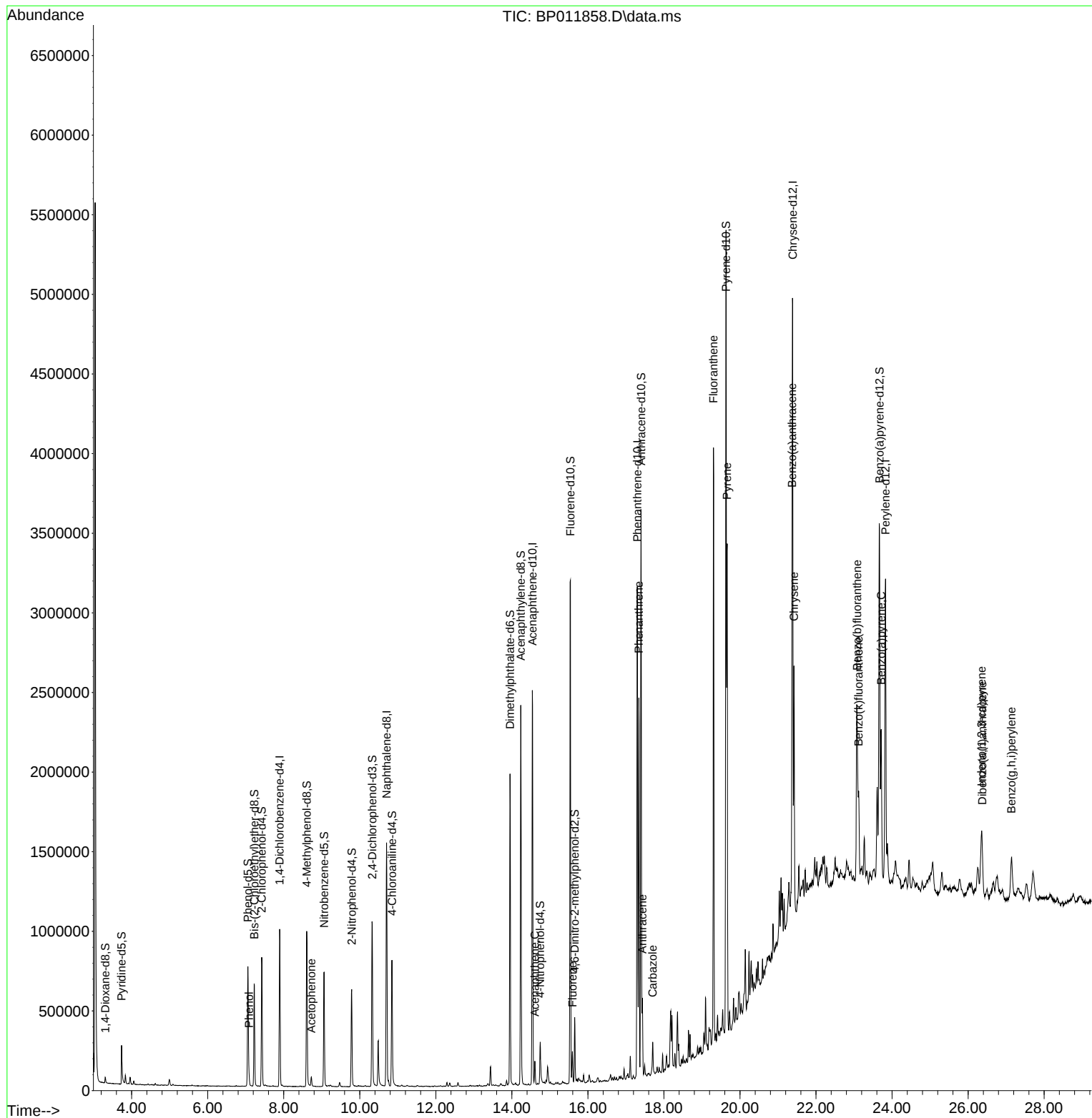
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
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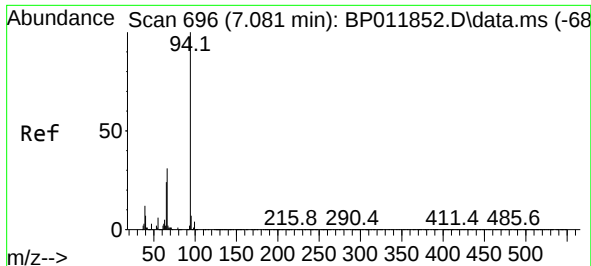
Instrument :
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 ClientSampleId :
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Quant Time: Oct 03 00:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
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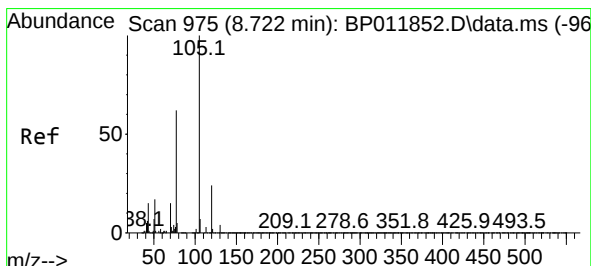
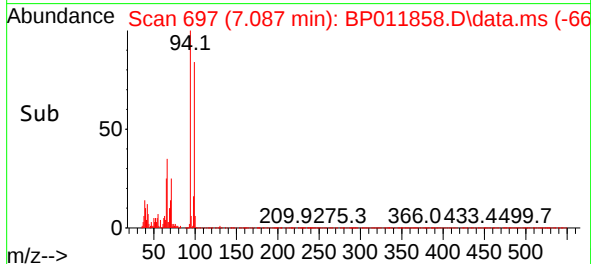
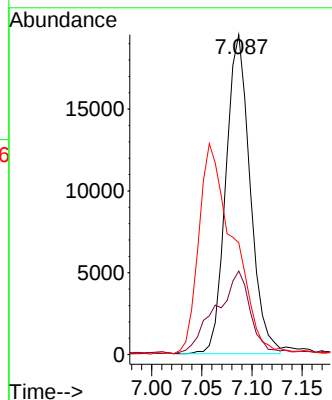
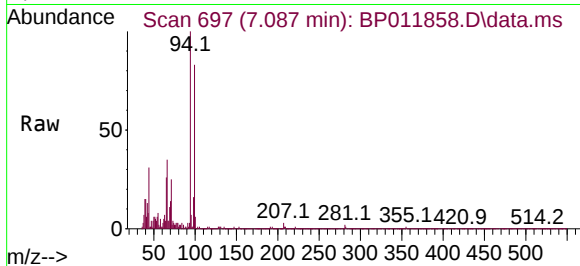
#8
Phenol
Concen: 1.205 ng/ul
RT: 7.087 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Instrument :
BNA_P
ClientSampleId :
CB8N7

Tgt Ion: 94 Resp: 32796
Ion Ratio Lower Upper
94 100
65 26.1 19.5 29.3
66 34.9 25.0 37.4

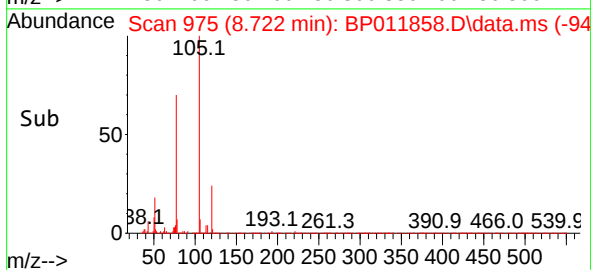
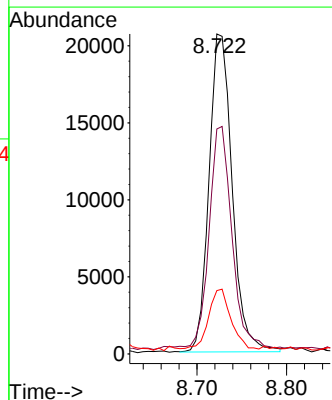
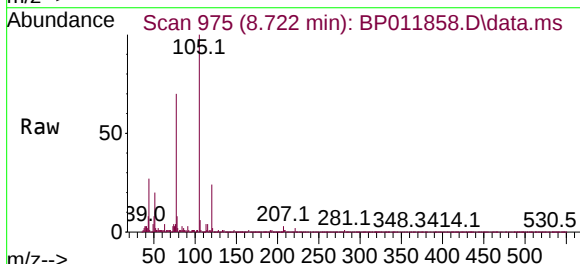
Manual Integrations
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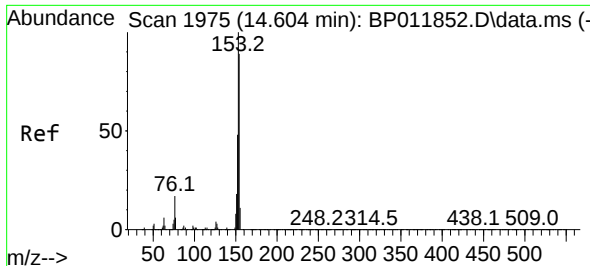
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#16
Acetophenone
Concen: 1.121 ng/ul
RT: 8.722 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

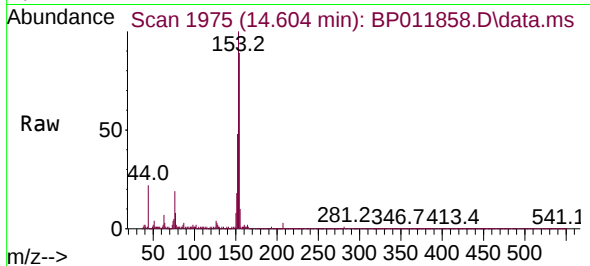
Tgt Ion:105 Resp: 37058
Ion Ratio Lower Upper
105 100
77 70.3 55.4 83.0
51 19.8 15.2 22.8





#52
Acenaphthene
Concen: 1.066 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

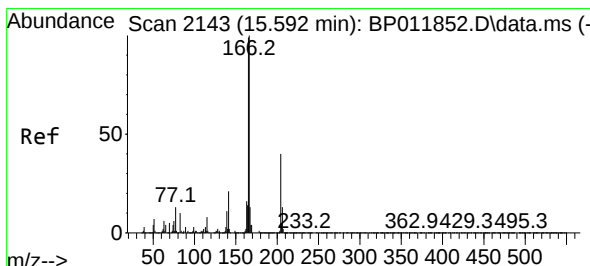
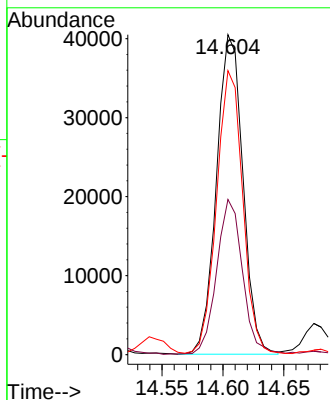
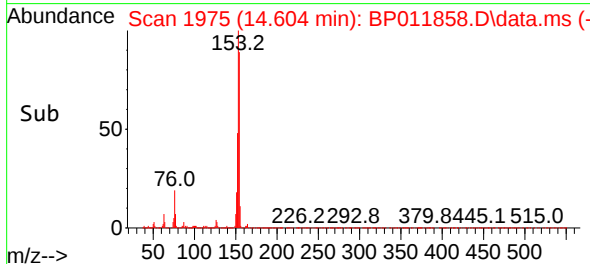
Instrument :
BNA_P
ClientSampleId :
CB8N7



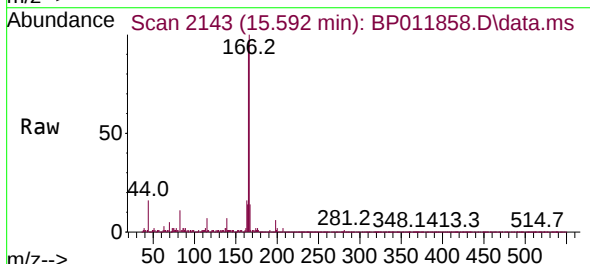
Tgt Ion:153 Resp: 61269
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 88.7 70.6 105.8

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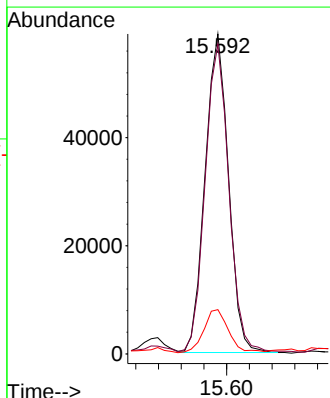
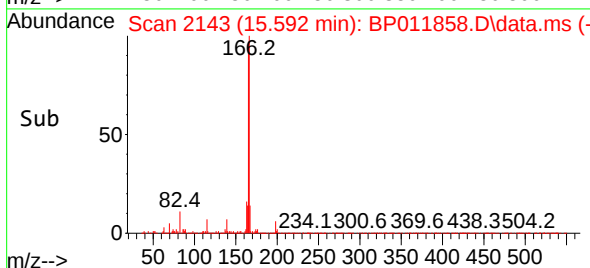
Reviewed By :Jagrut Upadhyay 10/03/2022
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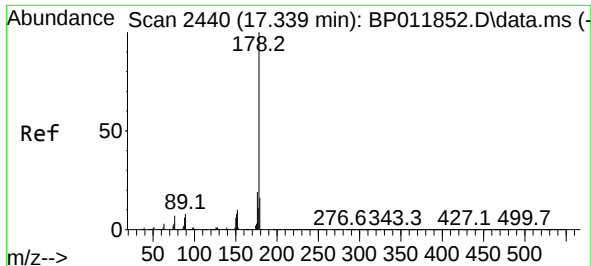


#61
Fluorene
Concen: 1.308 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01



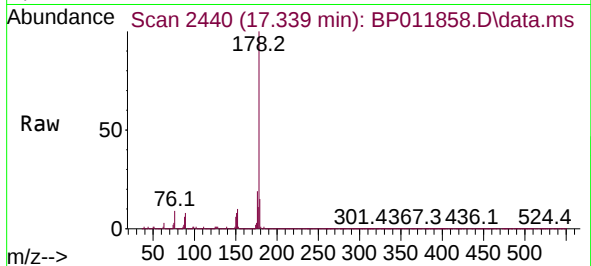
Tgt Ion:166 Resp: 84392
Ion Ratio Lower Upper
166 100
165 96.8 77.2 115.8
167 13.8 10.7 16.1





#72
Phenanthrene
Concen: 14.317 ng/ul
RT: 17.339 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

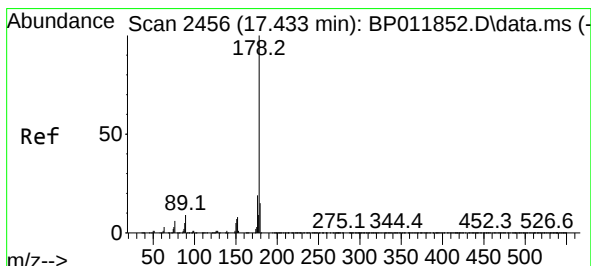
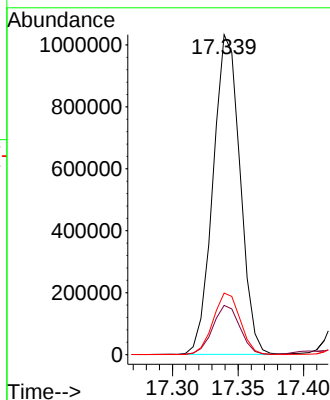
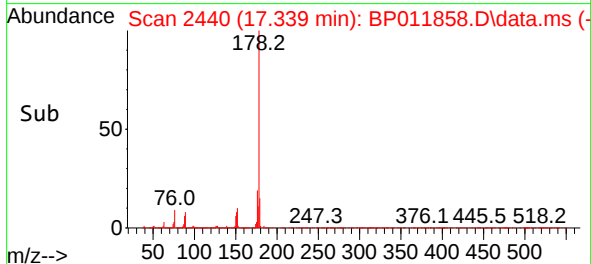
Instrument :
BNA_P
ClientSampleId :
CB8N7



Tgt Ion:178 Resp: 1483178
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.2 15.4 23.2

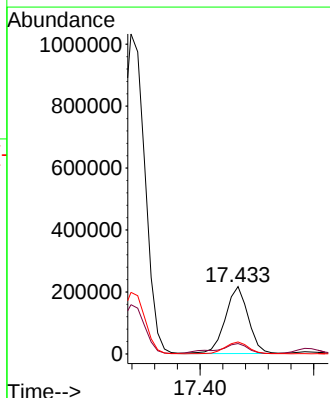
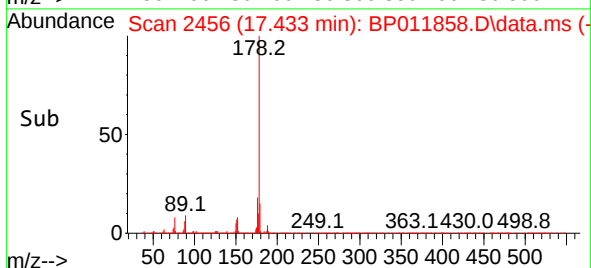
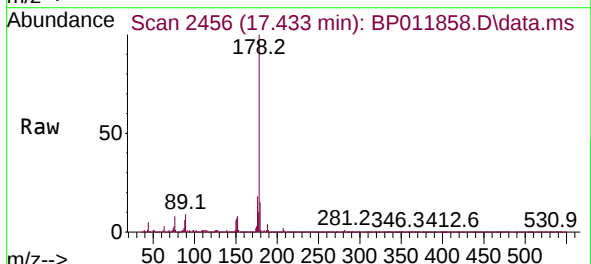
Manual Integrations
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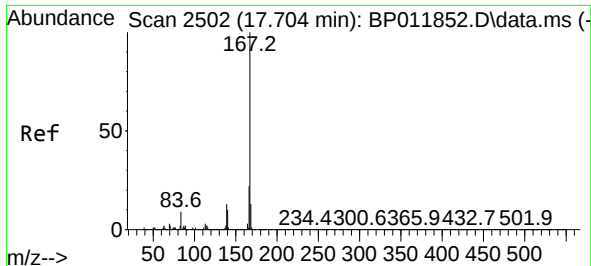
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#74
Anthracene
Concen: 2.910 ng/ul
RT: 17.433 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

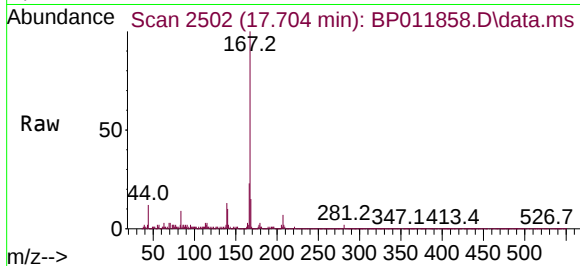
Tgt Ion:178 Resp: 303331
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 17.8 15.4 23.2





#77
 Carbazole
 Concen: 1.389 ng/ul
 RT: 17.704 min Scan# 2502
 Delta R.T. -0.000 min
 Lab File: BP011858.D
 Acq: 01 Oct 2022 13:01

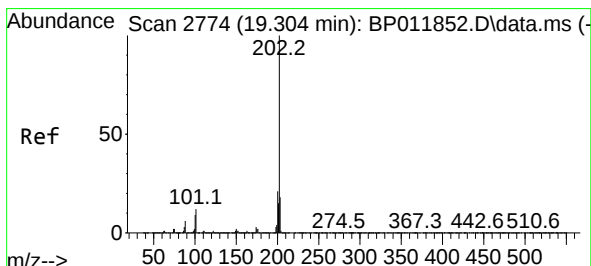
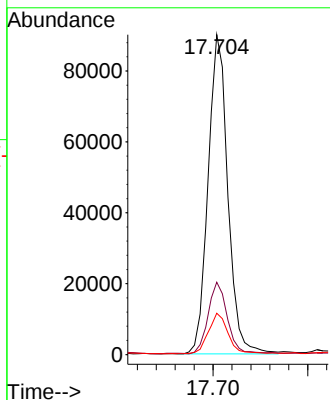
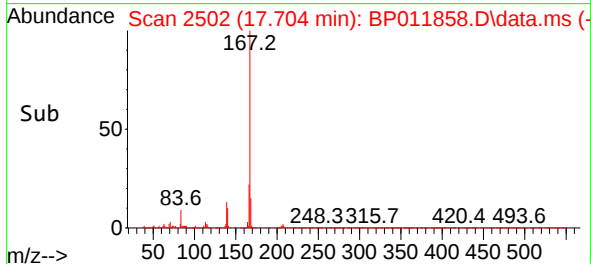
Instrument :
 BNA_P
 ClientSampleId :
 CB8N7



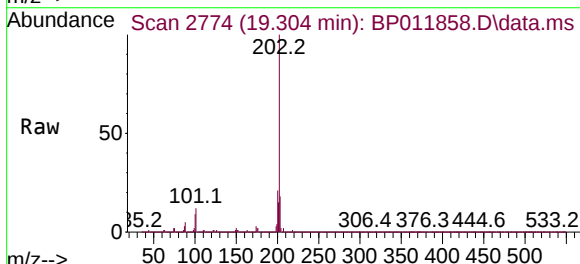
Tgt Ion:167 Resp: 130803
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.1 25.7
 139 12.9 10.1 15.1

Manual Integrations
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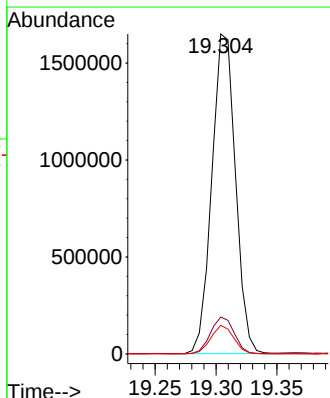
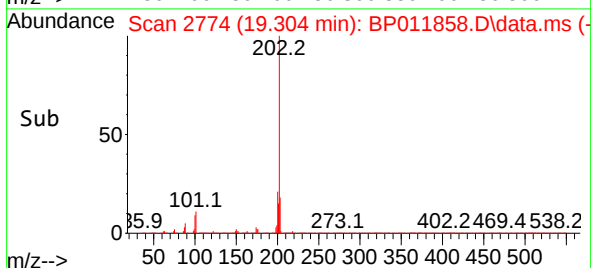
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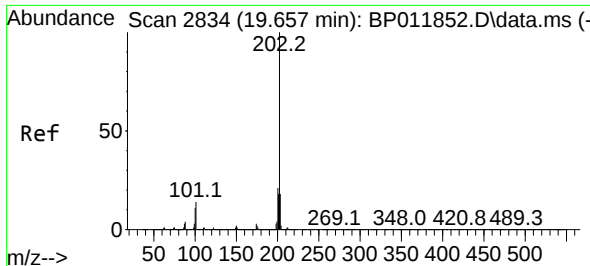


#80
 Fluoranthene
 Concen: 21.326 ng/ul
 RT: 19.304 min Scan# 2774
 Delta R.T. -0.000 min
 Lab File: BP011858.D
 Acq: 01 Oct 2022 13:01



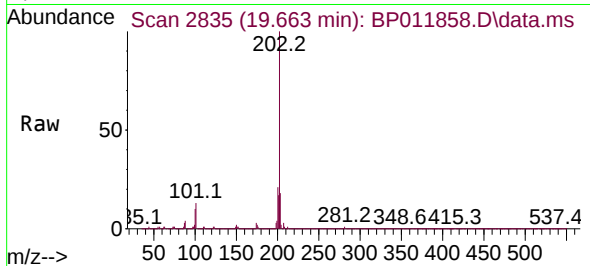
Tgt Ion:202 Resp: 2233105
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.6
 100 8.9 7.4 11.0





#82
Pyrene
Concen: 17.354 ng/ul
RT: 19.663 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

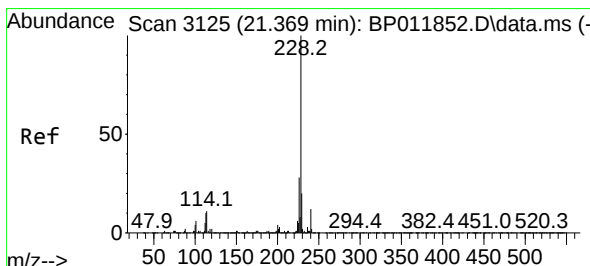
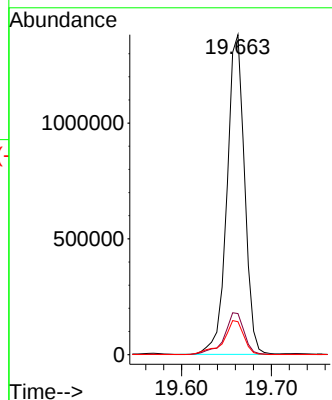
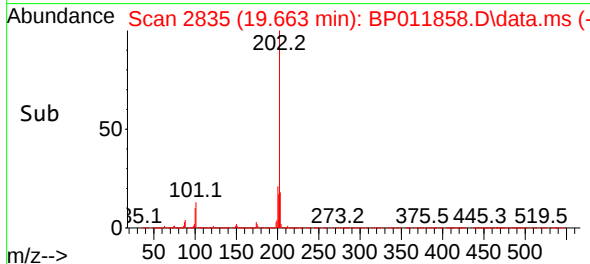
Instrument :
BNA_P
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CB8N7



Tgt Ion:202 Resp: 1892005
Ion Ratio Lower Upper
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101 12.8 11.6 17.4
100 10.3 9.4 14.0

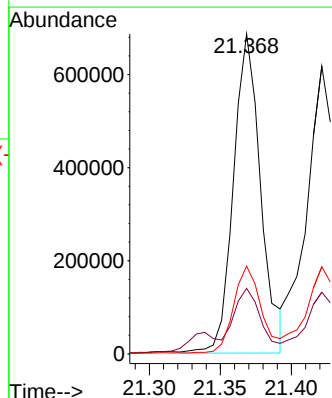
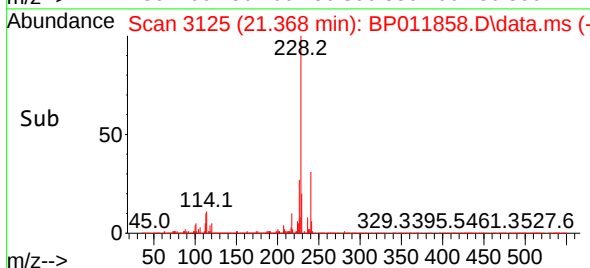
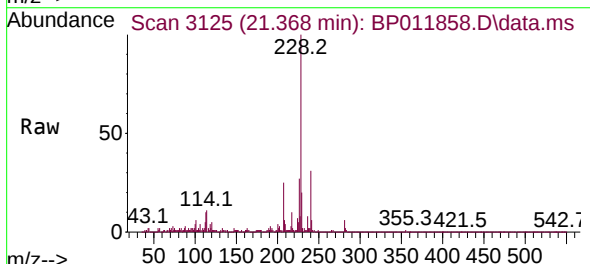
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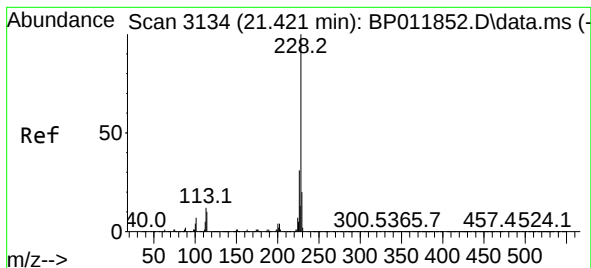
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#85
Benzo(a)anthracene
Concen: 8.274 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Tgt Ion:228 Resp: 914205
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 27.4 22.0 33.0





#87

Chrysene

Concen: 8.496 ng/ul

RT: 21.421 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

CB8N7

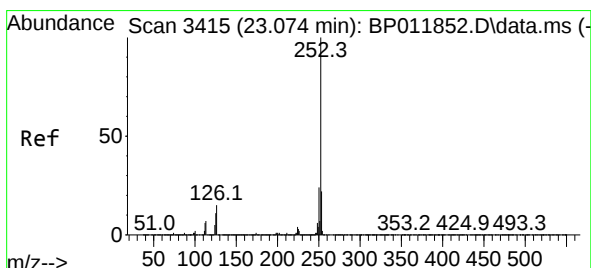
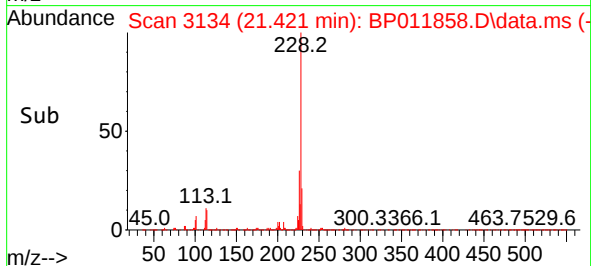
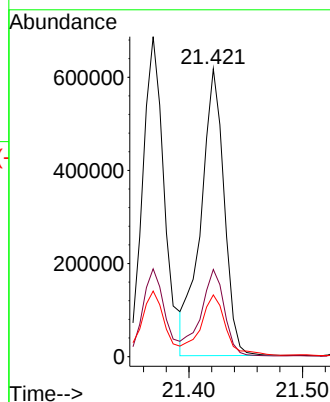
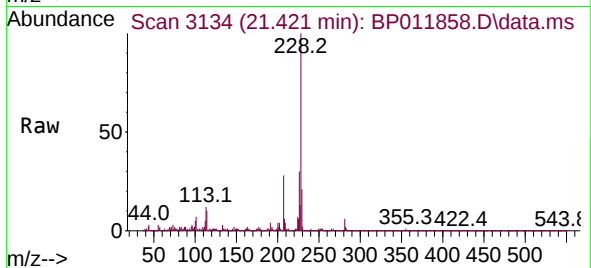
Tgt Ion:228 Resp: 88088

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	21.5	16.2	24.2

Manual Integrations

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Supervised By :mohammad ahmed 10/04/2022



#90

Benzo(b)fluoranthene

Concen: 10.940 ng/ul

RT: 23.080 min Scan# 3416

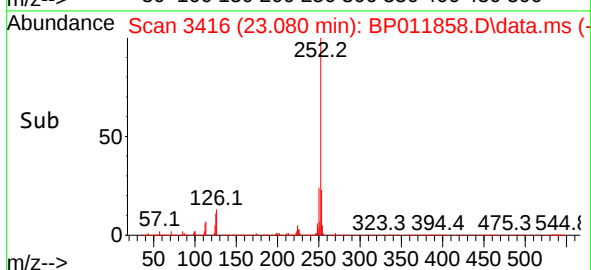
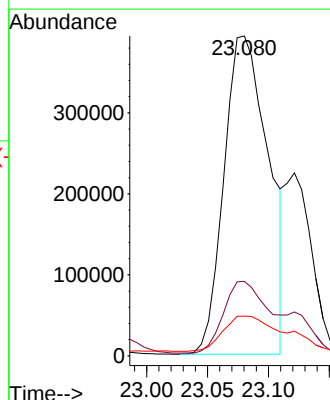
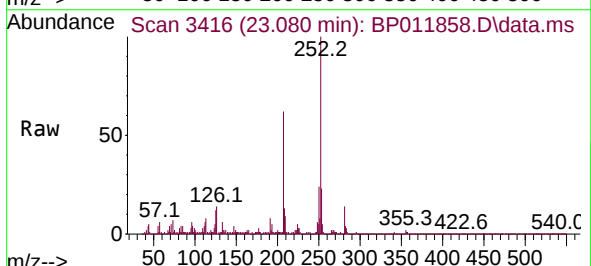
Delta R.T. 0.006 min

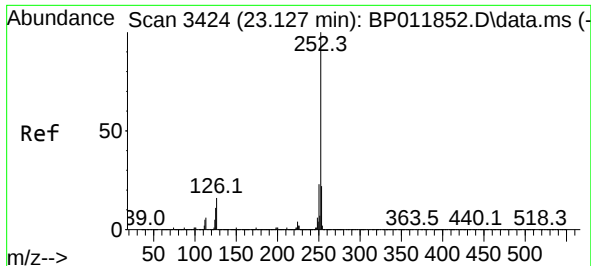
Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Tgt Ion:252 Resp: 996620

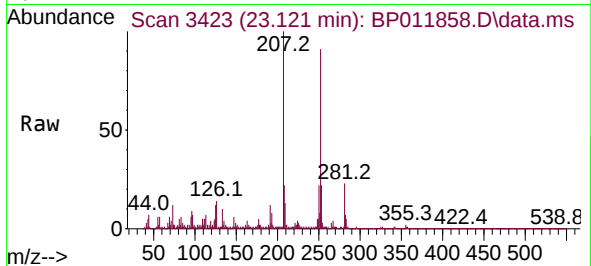
Ion	Ratio	Lower	Upper
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253	23.3	17.8	26.8
125	12.4	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 3.891 ng/ul m
RT: 23.121 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

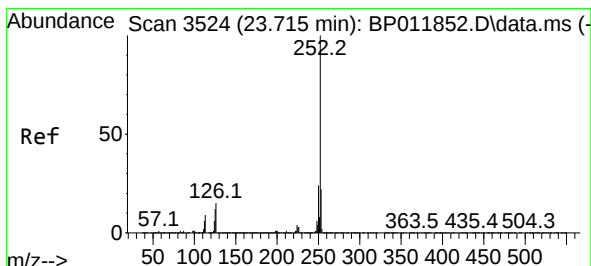
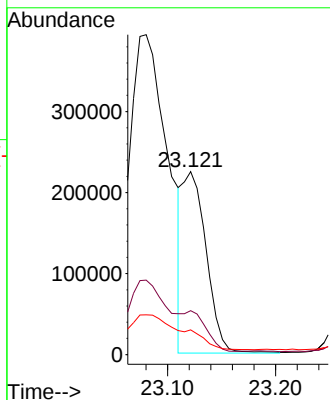
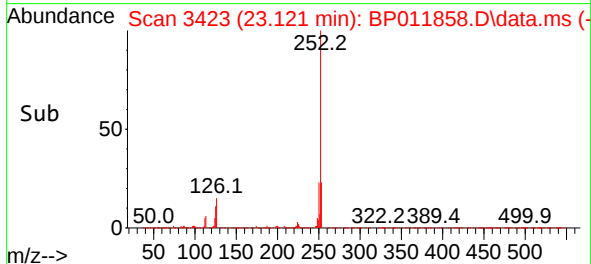
Instrument :
BNA_P
ClientSampleId :
CB8N7



Tgt Ion:252 Resp: 341291
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 13.6 9.2 13.8

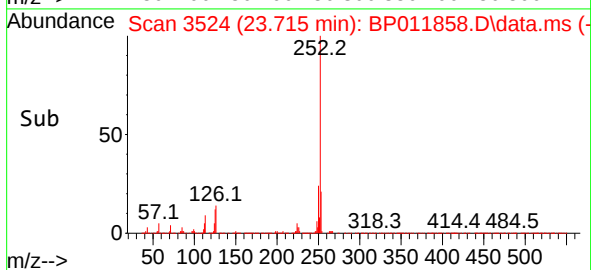
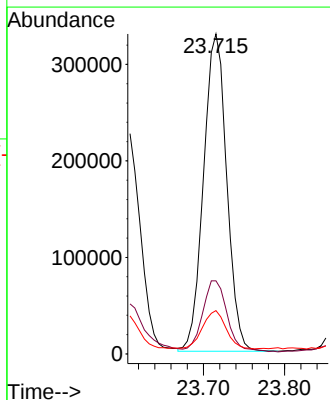
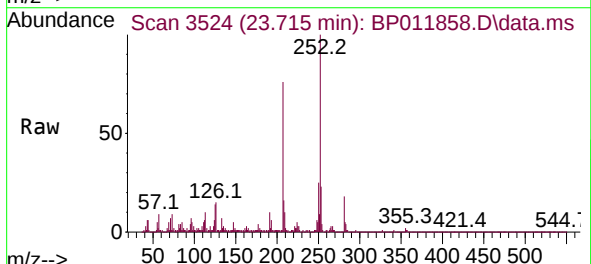
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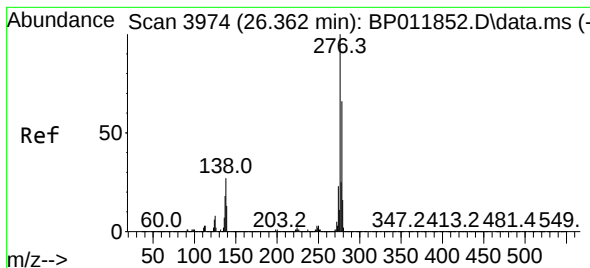
Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#93
Benzo(a)pyrene
Concen: 8.030 ng/ul
RT: 23.715 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BP011858.D
Acq: 01 Oct 2022 13:01

Tgt Ion:252 Resp: 652805
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.5 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.122 ng/ul

RT: 26.356 min Scan# 3973

Delta R.T. -0.006 min

Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Instrument :

BNA_P

ClientSampleId :

CB8N7

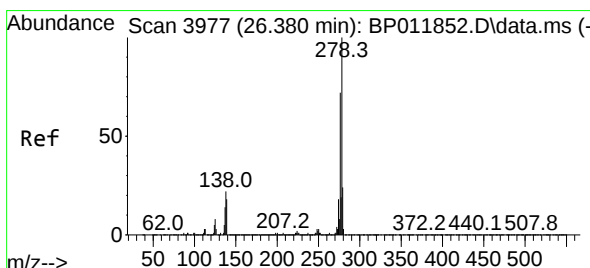
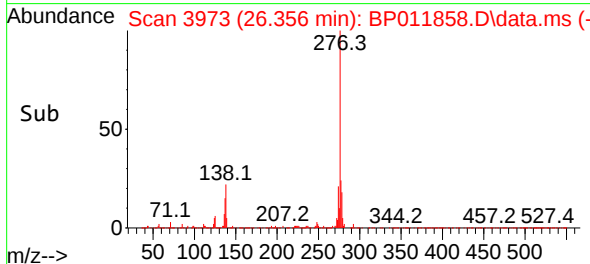
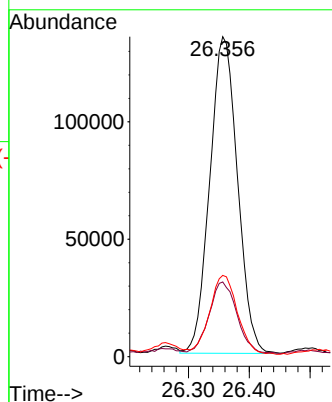
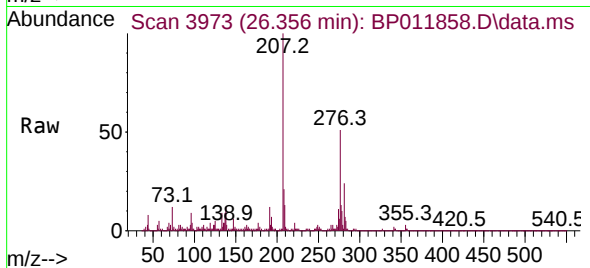
Tgt Ion:276 Resp: 426495

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.4	32.0
277	25.4	19.9	29.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/03/2022
Supervised By :mohammad ahmed 10/04/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.160 ng/ul m

RT: 26.374 min Scan# 3976

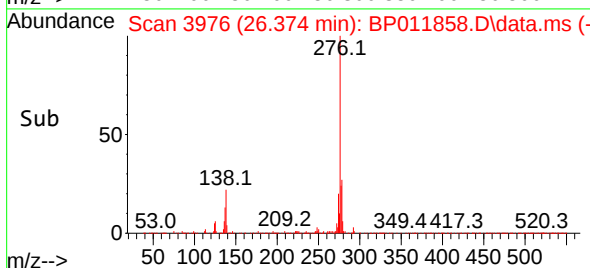
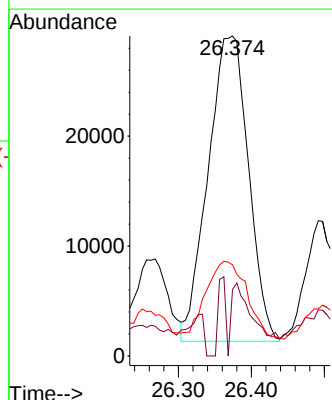
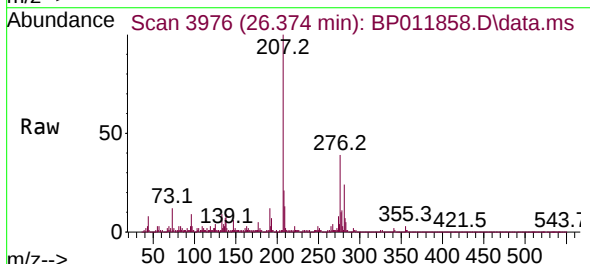
Delta R.T. -0.006 min

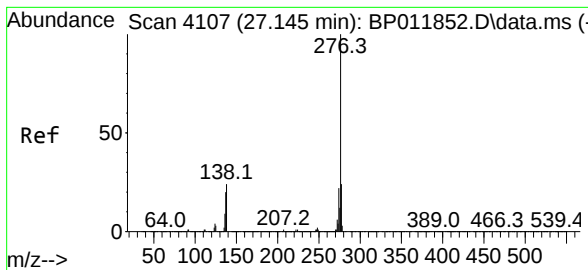
Lab File: BP011858.D

Acq: 01 Oct 2022 13:01

Tgt Ion:278 Resp: 106654

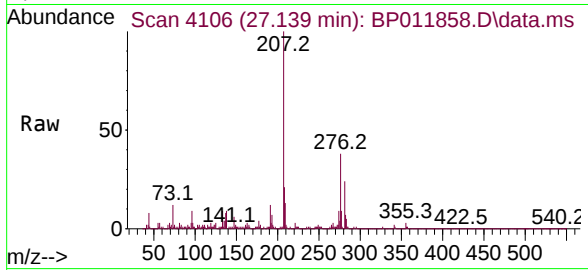
Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.0	22.6
279	28.5	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 3.849 ng/ul
 RT: 27.139 min Scan# 4106
 Delta R.T. -0.006 min
 Lab File: BP011858.D
 Acq: 01 Oct 2022 13:01

Instrument :
 BNA_P
 ClientSampleId :
 CB8N7



Tgt Ion: 276 Resp: 35311
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.8 29.6
 277 24.5 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2022
 Supervised By :mohammad ahmed 10/04/2022

