

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012268.D
 Acq On : 22 Oct 2022 04:40
 Operator : CG/JU
 Sample : N5064-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COBL6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 05:40:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	470601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	2037644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	1244497	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.234	188	2408295	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1713888	20.000	ng/u1	0.00
88) Perylene-d12	23.727	264	1828814	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	43471	3.738	ng/uL	0.00
4) Pyridine-d5	3.681	84	220315	6.575	ng/u1	0.00
7) Phenol-d5	6.993	99	890911	21.929	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	574529	23.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	752438	24.331	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	478721	15.161	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	389736	25.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.711	143	439695	27.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	745157	24.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	492149	11.348	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	2211672	25.548	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	2501498	25.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	299698	18.479	ng/u1	0.00
60) Fluorene-d10	15.469	176	1878474	25.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	169801	12.394	ng/u1	0.00
73) Anthracene-d10	17.334	188	2588720	24.523	ng/u1	0.00
81) Pyrene-d10	19.569	212	2521248	25.838	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.569	264	2212781	24.127	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.017	94	63315	1.490	ng/u1	92
30) Naphthalene	10.675	128	499486	4.583	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	445284	6.005	ng/u1	99
37) 1-Methylnaphthalene	12.505	142	366350	4.948	ng/u1	99
50) Acenaphthylene	14.193	152	283769	2.577	ng/u1	97
56) Dibenzofuran	14.869	168	300161	2.816	ng/u1	99
72) Phenanthrene	17.275	178	4021033	31.066	ng/u1	99
74) Anthracene	17.363	178	402647	3.144	ng/u1	100
77) Carbazole	17.640	167	449763	3.979	ng/u1	98
80) Fluoranthene	19.245	202	4635196	38.441	ng/u1	96
82) Pyrene	19.598	202	3683234	29.856	ng/u1	96
85) Benzo(a)anthracene	21.310	228	1545405	13.835	ng/u1	98
87) Chrysene	21.363	228	1849097	17.739	ng/u1	98
90) Benzo(b)fluoranthene	22.992	252	2203803	18.082	ng/u1	98
91) Benzo(k)fluoranthene	23.033	252	877509m	7.304	ng/u1	
93) Benzo(a)pyrene	23.622	252	1373582	13.179	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.221	276	1178947	9.772	ng/u1	95
95) Dibenzo(a,h)anthracene	26.221	278	324456	2.983	ng/u1#	79
96) Benzo(g,h,i)perylene	26.986	276	999253	8.821	ng/u1	99

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

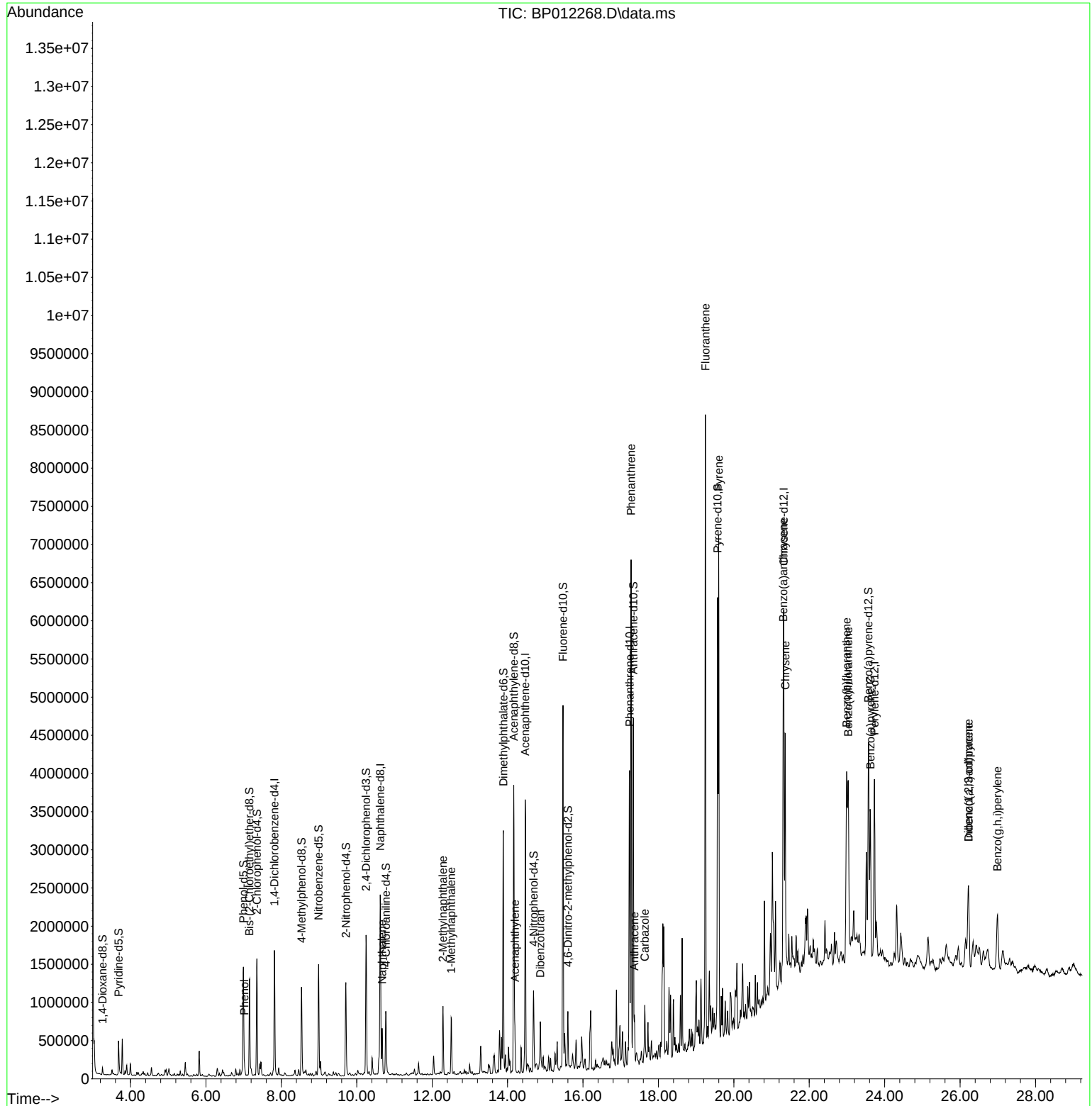
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012268.D
Acq On : 22 Oct 2022 04:40
Operator : CG/JU
Sample : N5064-06
Misc :
ALS Vial : 64 Sample Multiplier: 1

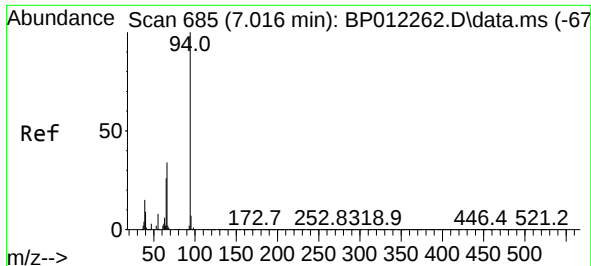
Instrument :
BNA_P
ClientSampleId :
C0BL6

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 22 01:24:49 2022
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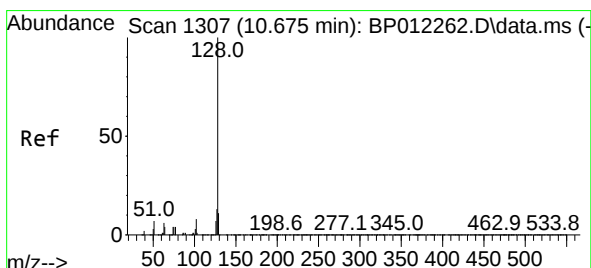
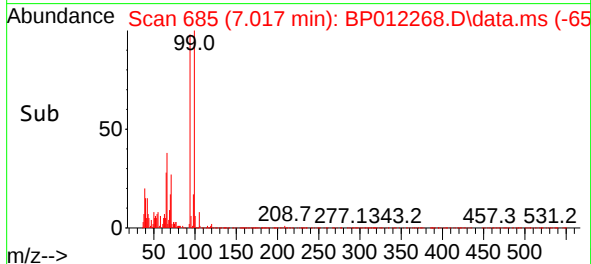
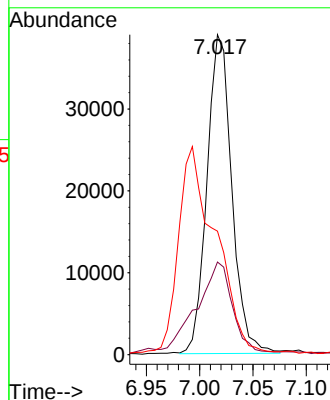
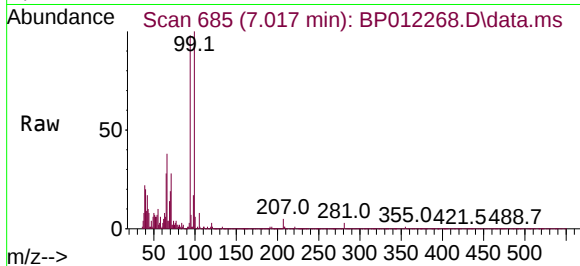
#8
Phenol
Concen: 1.490 ng/ul
RT: 7.017 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

Instrument :
BNA_P
ClientSampleId :
COBL6

Tgt Ion: 94 Resp: 63315
Ion Ratio Lower Upper
94 100
65 28.9 20.6 31.0
66 38.6 26.2 39.4

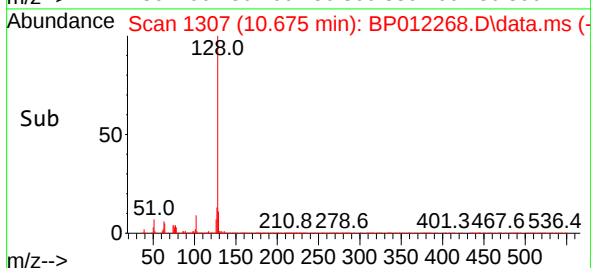
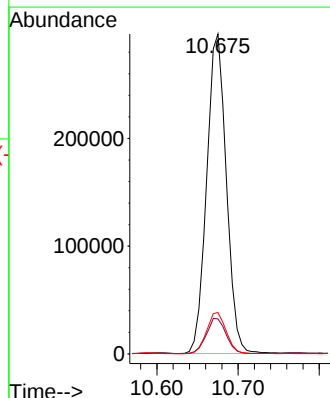
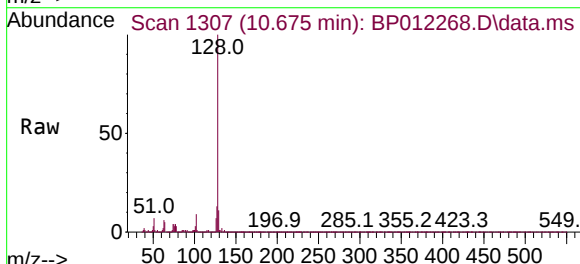
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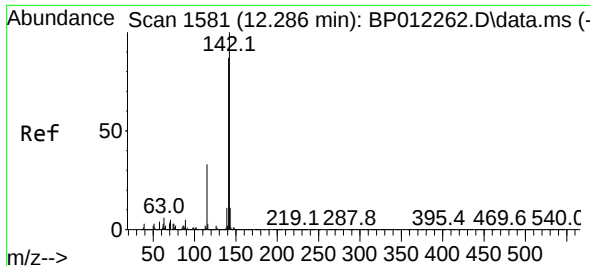
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#30
Naphthalene
Concen: 4.583 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

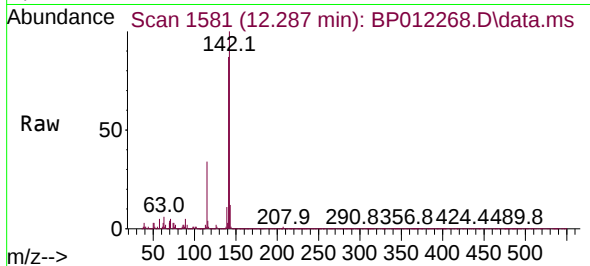
Tgt Ion:128 Resp: 499486
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.4





#36
2-Methylnaphthalene
Concen: 6.005 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

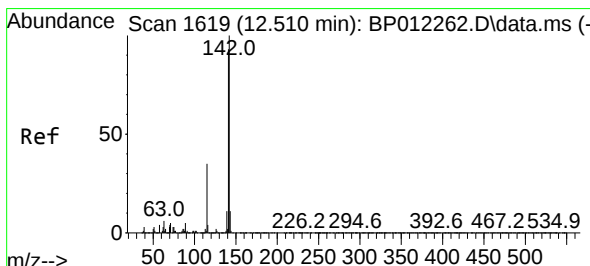
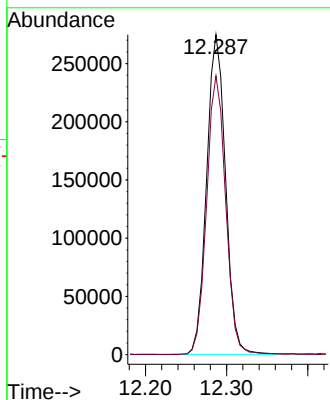
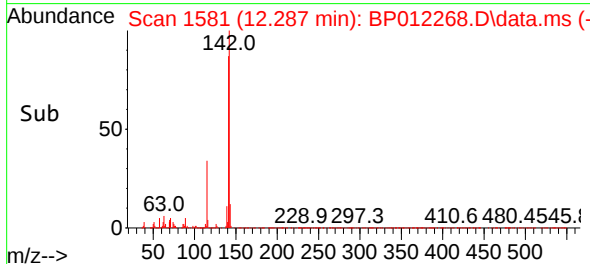
Instrument :
BNA_P
ClientSampleId :
COBL6



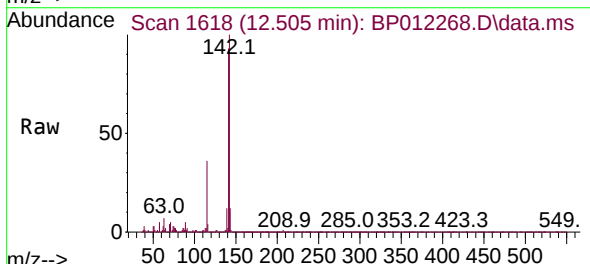
Tgt Ion:142 Resp: 445284
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5

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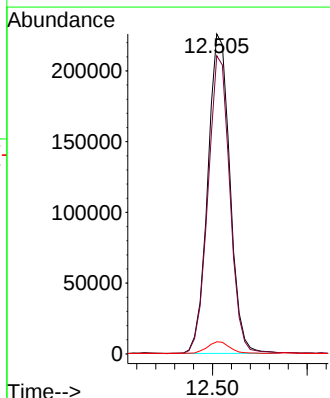
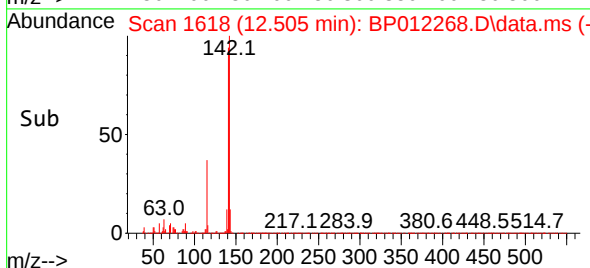
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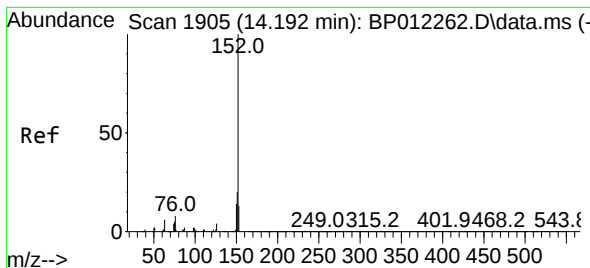


#37
1-Methylnaphthalene
Concen: 4.948 ng/ul
RT: 12.505 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40



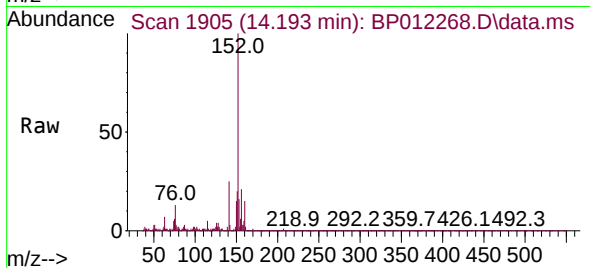
Tgt Ion:142 Resp: 366350
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0
116 3.8 3.0 4.4





#50
Acenaphthylene
Concen: 2.577 ng/ul
RT: 14.193 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

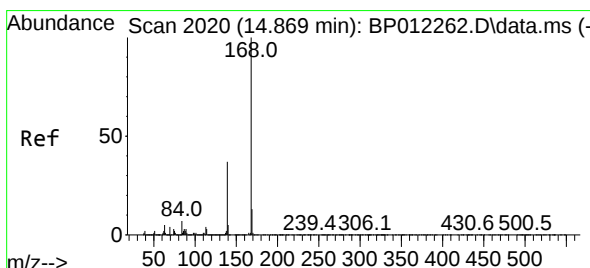
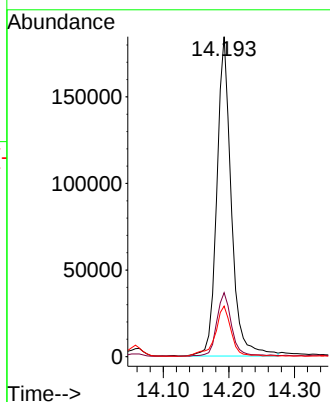
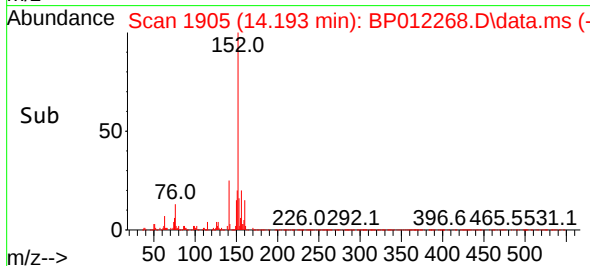
Instrument :
BNA_P
ClientSampleId :
COBL6



Tgt Ion:152 Resp: 283769
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 15.8 10.6 16.0

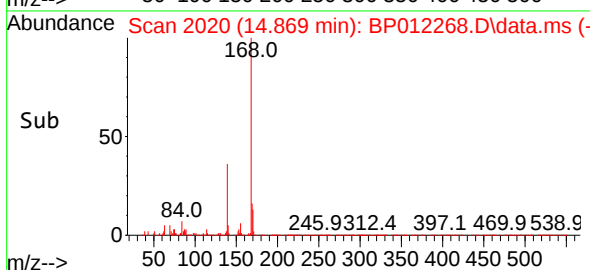
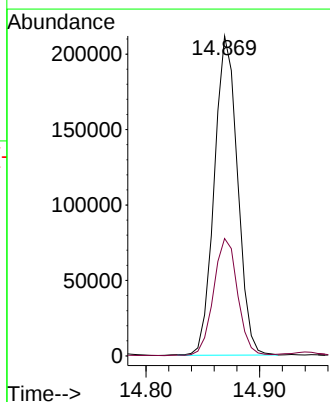
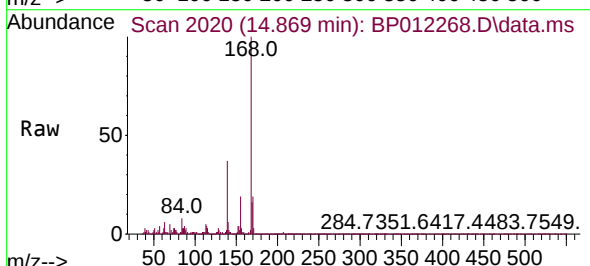
Manual Integrations
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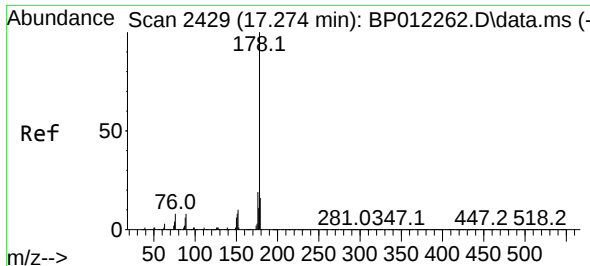
Reviewed By :Jagrut Upadhyay 10/24/2022
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#56
Dibenzofuran
Concen: 2.816 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

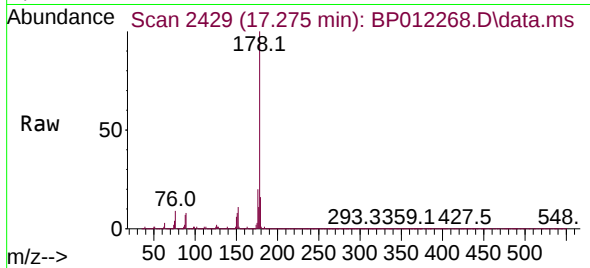
Tgt Ion:168 Resp: 300161
Ion Ratio Lower Upper
168 100
139 36.7 29.0 43.4





#72
Phenanthrene
Concen: 31.066 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

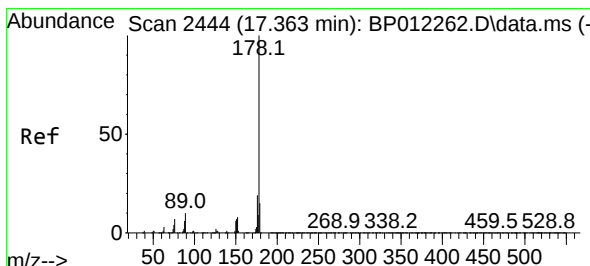
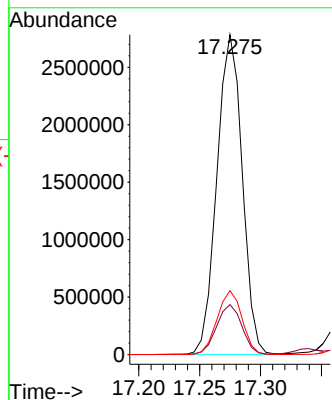
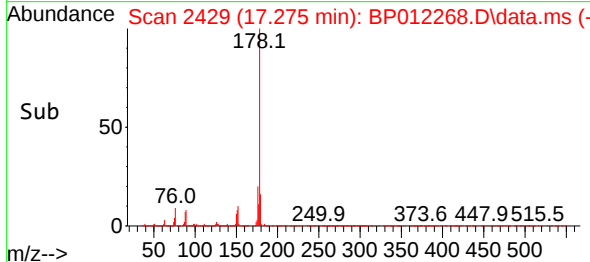
Instrument :
BNA_P
ClientSampleId :
C0BL6



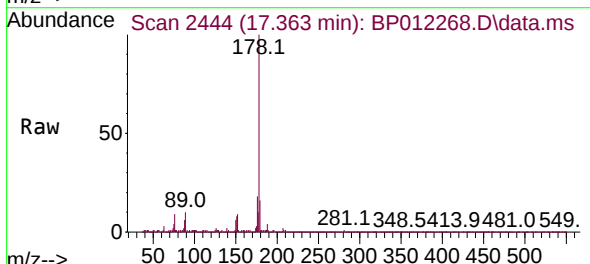
Tgt Ion:178 Resp: 4021033
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 20.0 15.6 23.4

Manual Integrations
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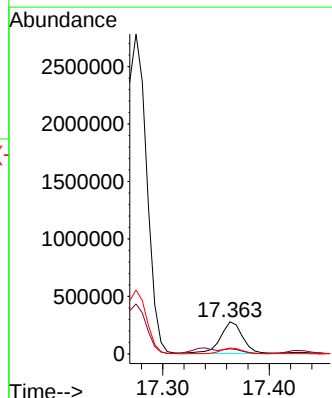
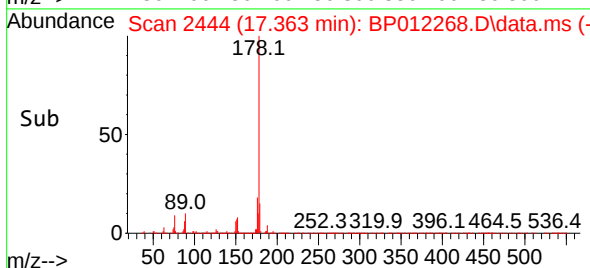
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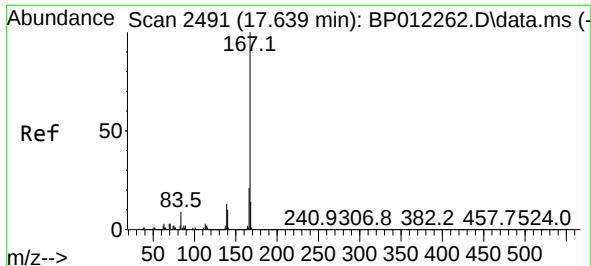


#74
Anthracene
Concen: 3.144 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40



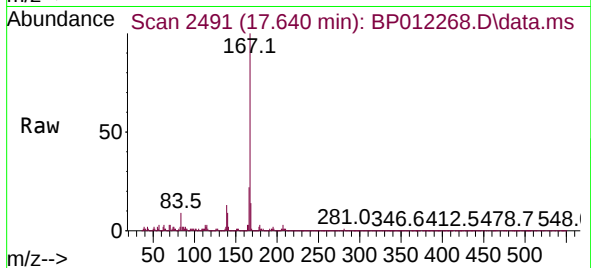
Tgt Ion:178 Resp: 402647
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.5 15.0 22.4





#77
 Carbazole
 Concen: 3.979 ng/ul
 RT: 17.640 min Scan# 2491
 Delta R.T. 0.000 min
 Lab File: BP012268.D
 Acq: 22 Oct 2022 04:40

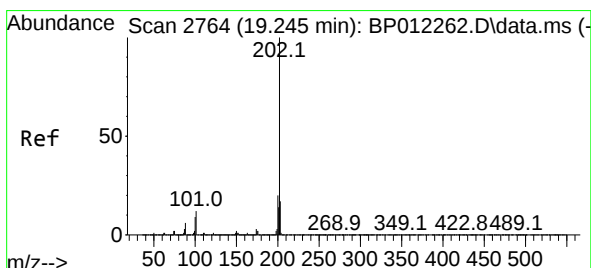
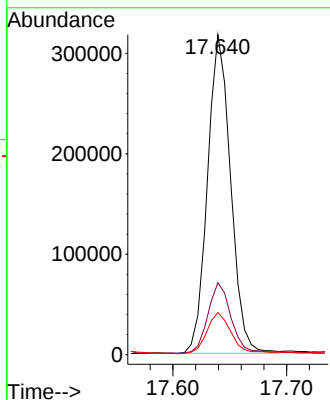
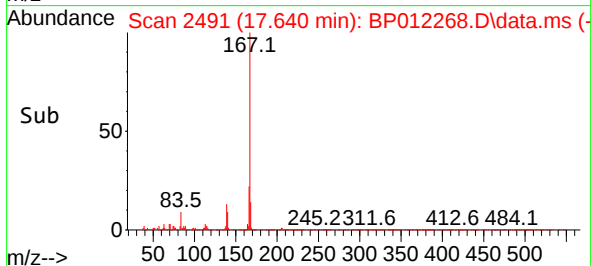
Instrument :
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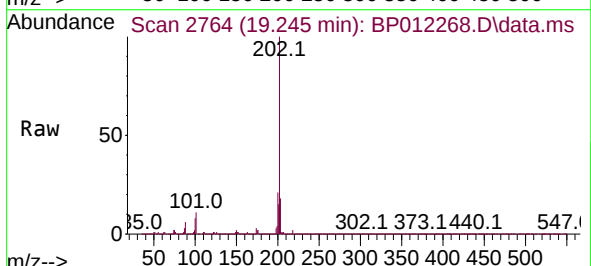
Tgt Ion:167 Resp: 449763
 Ion Ratio Lower Upper
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 166 22.5 17.3 25.9
 139 13.2 10.2 15.4

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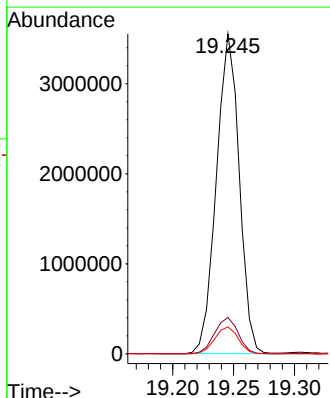
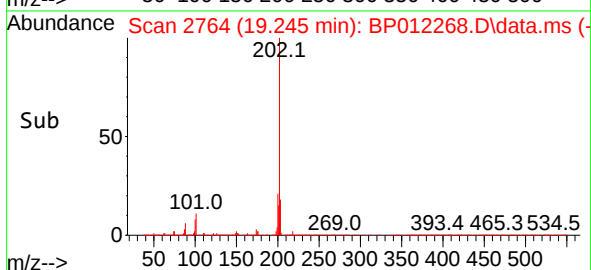
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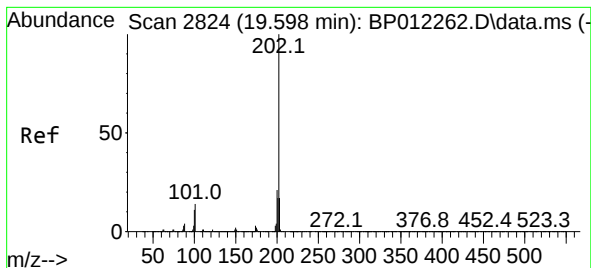


#80
 Fluoranthene
 Concen: 38.441 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. 0.000 min
 Lab File: BP012268.D
 Acq: 22 Oct 2022 04:40



Tgt Ion:202 Resp: 4635196
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.4 15.6
 100 8.4 7.7 11.5





#82

Pyrene

Concen: 29.856 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. 0.000 min

Lab File: BP012268.D

Acq: 22 Oct 2022 04:40

Instrument :

BNA_P

ClientSampleId :

C0BL6

Tgt Ion:202 Resp: 3683234

Ion Ratio Lower Upper

202 100

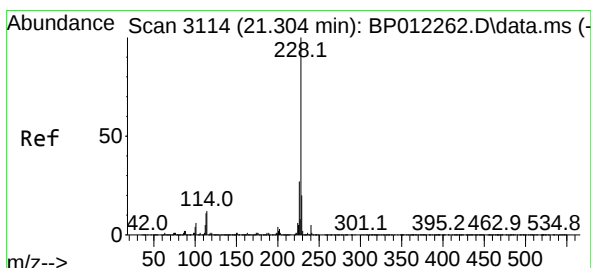
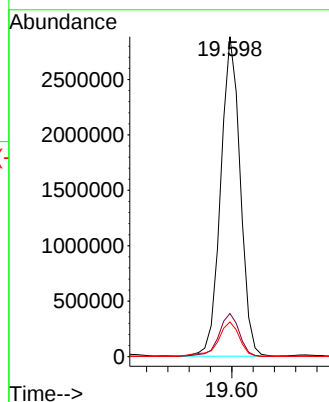
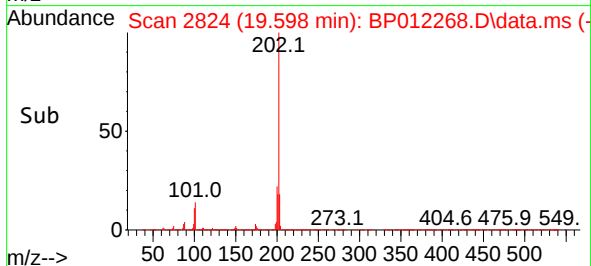
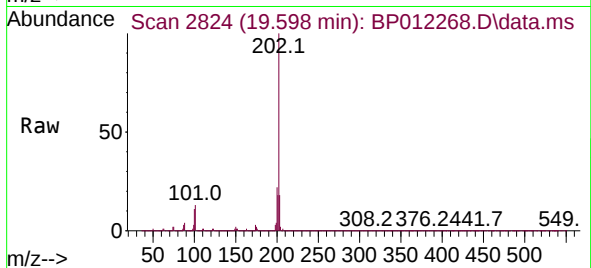
101 13.5 12.3 18.5

100 10.8 10.0 15.0

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#85

Benzo(a)anthracene

Concen: 13.835 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP012268.D

Acq: 22 Oct 2022 04:40

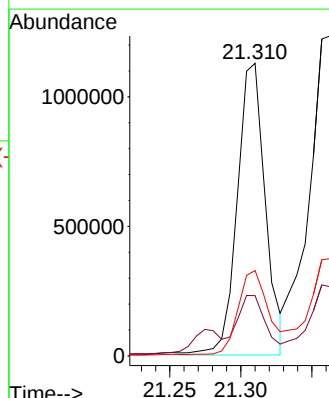
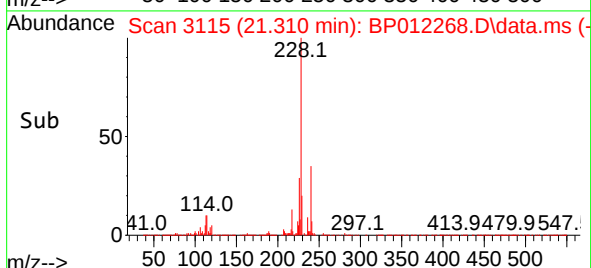
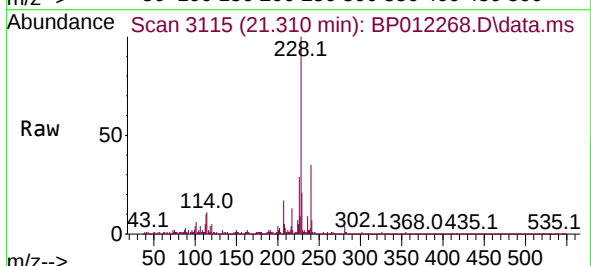
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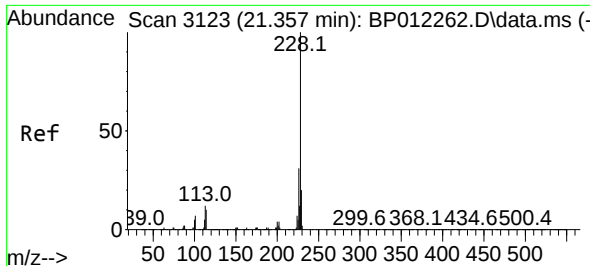
Ion Ratio Lower Upper

228 100

229 20.6 16.1 24.1

226 29.2 21.9 32.9





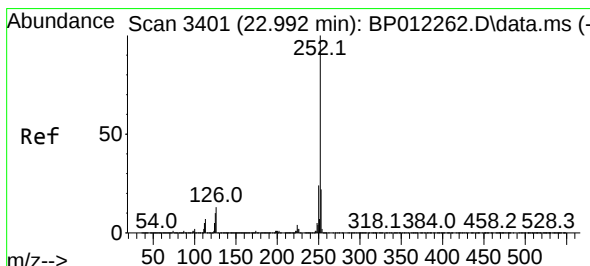
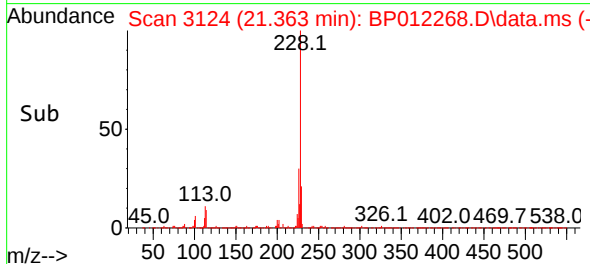
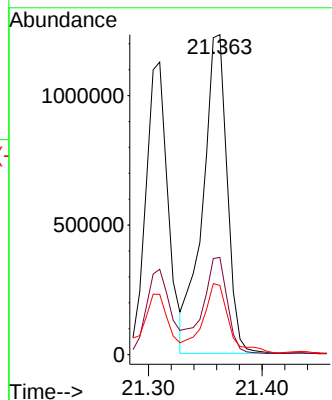
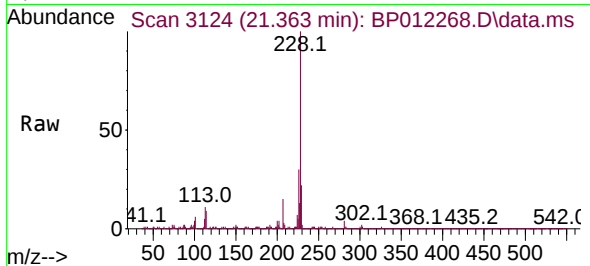
#87
Chrysene
Concen: 17.739 ng/ul
RT: 21.363 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

Instrument :
BNA_P
ClientSampleId :
COBL6

Tgt Ion:228 Resp: 1849097
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 21.6 15.8 23.8

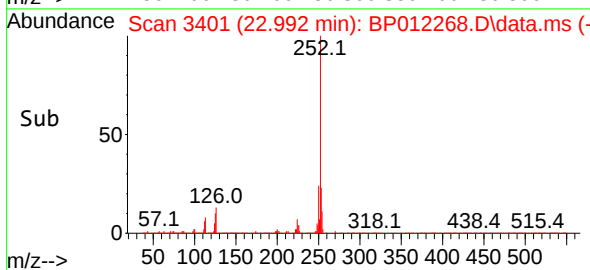
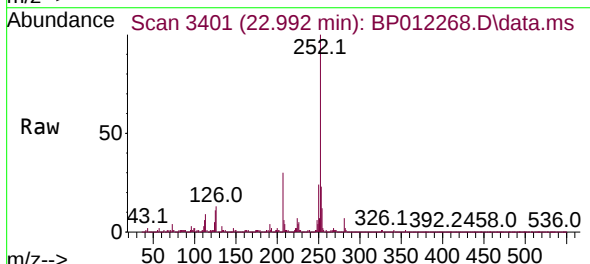
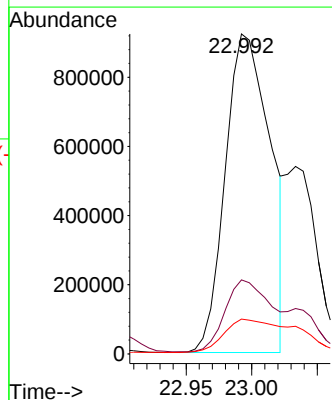
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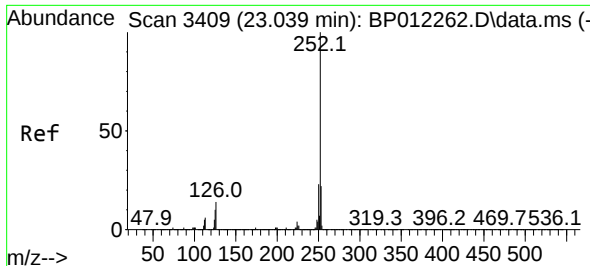
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#90
Benzo(b)fluoranthene
Concen: 18.082 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. 0.000 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

Tgt Ion:252 Resp: 2203803
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.9 8.5 12.7





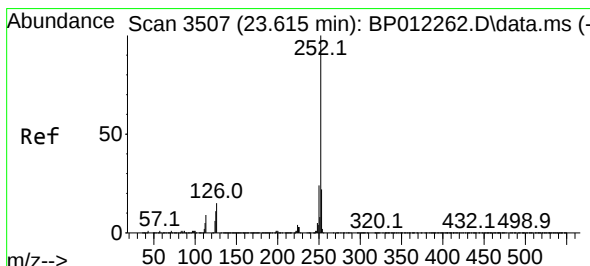
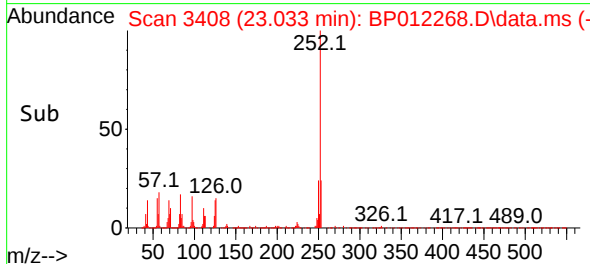
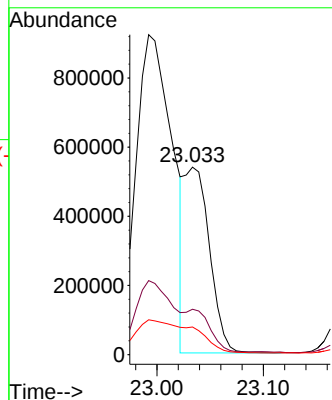
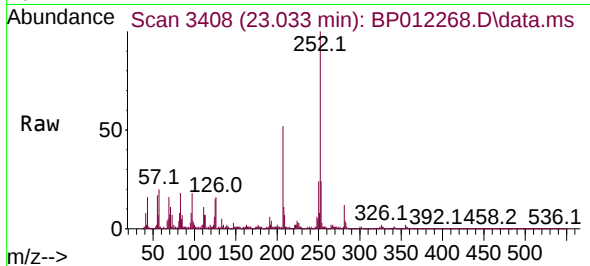
#91
Benzo(k)fluoranthene
Concen: 7.304 ng/ul m
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

Instrument :
BNA_P
ClientSampleId :
C0BL6

Tgt Ion:252 Resp: 877509
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 14.8 8.6 13.0

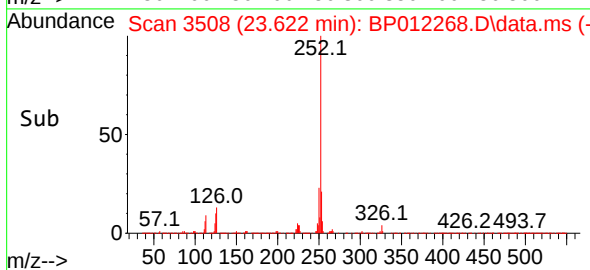
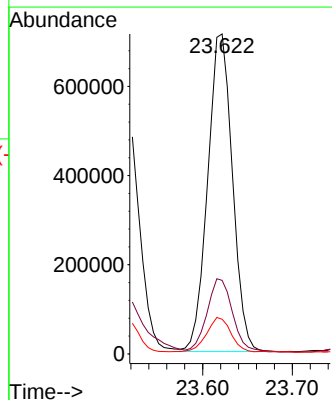
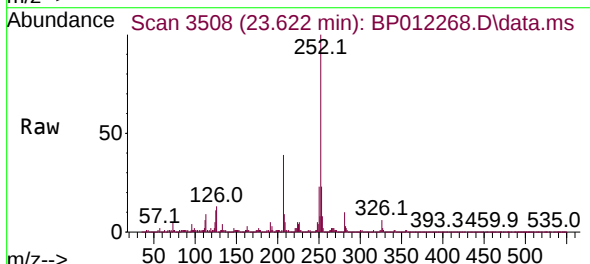
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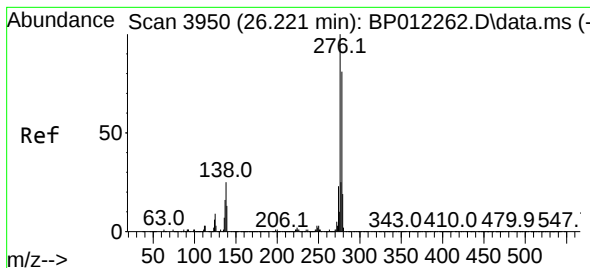
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 13.179 ng/ul
RT: 23.622 min Scan# 3508
Delta R.T. 0.006 min
Lab File: BP012268.D
Acq: 22 Oct 2022 04:40

Tgt Ion:252 Resp: 1373582
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.8 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.772 ng/ul

RT: 26.221 min Scan# 3950

Delta R.T. 0.000 min

Lab File: BP012268.D

Acq: 22 Oct 2022 04:40

Instrument :

BNA_P

ClientSampleId :

COBL6

Tgt Ion:276 Resp: 117894

Ion Ratio Lower Upper

276 100

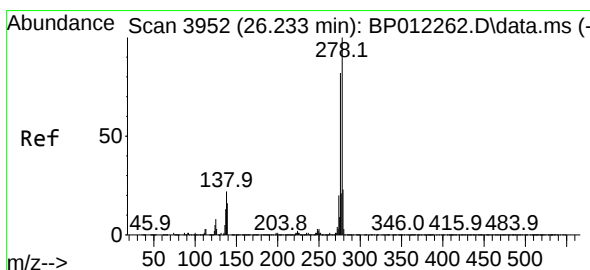
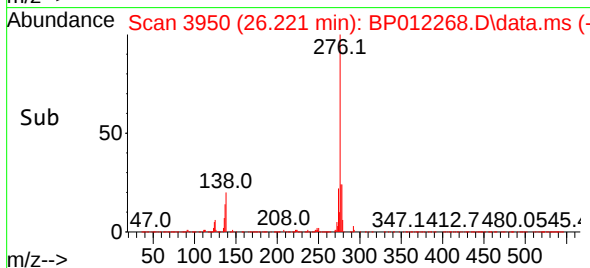
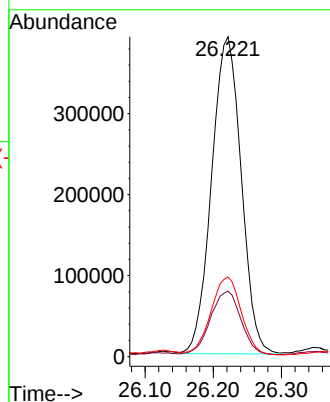
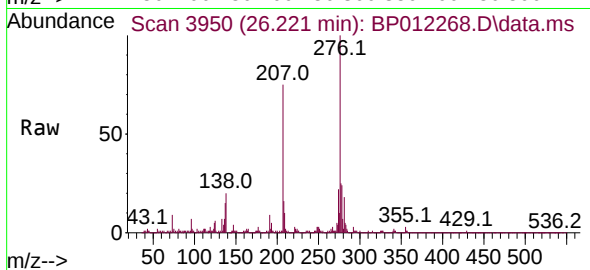
138 20.5 20.3 30.5

277 24.9 20.2 30.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#95

Dibenzo(a,h)anthracene

Concen: 2.983 ng/ul

RT: 26.221 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BP012268.D

Acq: 22 Oct 2022 04:40

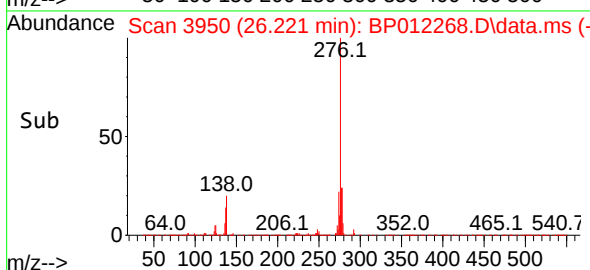
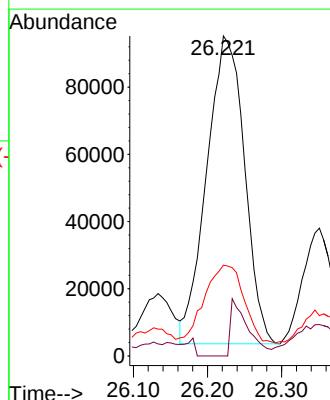
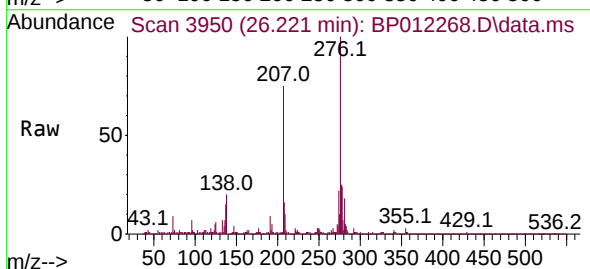
Tgt Ion:278 Resp: 324456

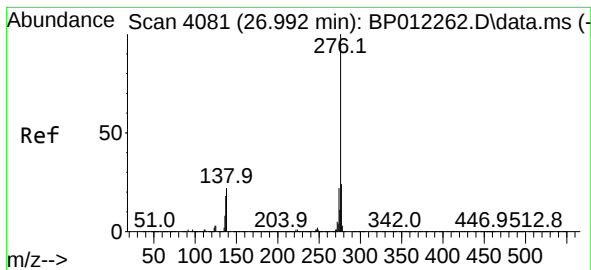
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

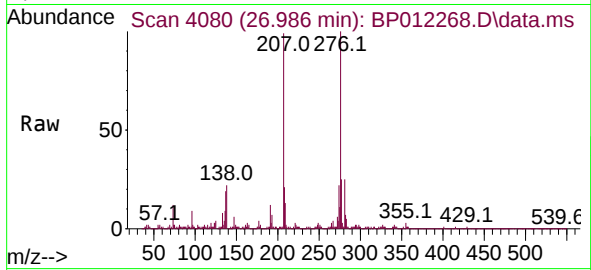
279 28.3 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 8.821 ng/ul
 RT: 26.986 min Scan# 4080
 Delta R.T. -0.006 min
 Lab File: BP012268.D
 Acq: 22 Oct 2022 04:40

Instrument :
 BNA_P
 ClientSampleId :
 COBL6



Tgt Ion:276 Resp: 999253
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.9 26.9
 277 24.5 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

