

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012242.D
 Acq On : 21 Oct 2022 13:13
 Operator : CG/JU
 Sample : N4755-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK5

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:31:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	414009	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1720678	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	974049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1550613	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	1164982	20.000	ng/u1	0.00
88) Perylene-d12	23.757	264	1635014m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	31790	3.108	ng/uL	0.00
4) Pyridine-d5	3.687	84	224464	7.615	ng/u1	0.00
7) Phenol-d5	6.993	99	727740	20.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	397762	18.350	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	570669	20.976	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	573161	20.633	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	276023	21.672	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	311819	22.692	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	564852	21.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	465108	12.700	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1541644	22.753	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1739137	22.487	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	195082	15.368	ng/u1	0.00
60) Fluorene-d10	15.475	176	1239335	21.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	114665	12.999	ng/u1	0.00
73) Anthracene-d10	17.357	188	1223089	17.995	ng/u1	0.02
81) Pyrene-d10	19.580	212	1395524	21.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	1681026m	20.502	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.681	128	4393154	47.738	ng/u1	100
36) 2-Methylnaphthalene	12.292	142	2885960	46.092	ng/u1	99
37) 1-Methylnaphthalene	12.510	142	303639	4.857	ng/u1	99
50) Acenaphthylene	14.198	152	2220874	25.772	ng/u1	100
52) Acenaphthene	14.539	153	1322076	21.693	ng/u1	99
61) Fluorene	15.533	166	8867847	134.161	ng/u1	99
71) Pentachlorophenol	16.892	266	267088	22.864	ng/u1	99
72) Phenanthrene	17.292	178	17638723	211.649	ng/u1	94
74) Anthracene	17.386	178	37936156m	460.068	ng/u1	
80) Fluoranthene	19.263	202	15383297m	187.690	ng/u1	
82) Pyrene	19.616	202	15768533m	188.044	ng/u1	
85) Benzo(a)anthracene	21.327	228	7593012	100.005	ng/u1	94
87) Chrysene	21.386	228	12375014	174.658	ng/u1	96
90) Benzo(b)fluoranthene	23.039	252	22199393m	203.732	ng/u1	
91) Benzo(k)fluoranthene	23.074	252	5387510m	50.160	ng/u1	
93) Benzo(a)pyrene	23.668	252	10794414m	115.847	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.298	276	10228081m	94.823	ng/u1	
95) Dibenzo(a,h)anthracene	26.286	278	3185231m	32.755	ng/u1	
96) Benzo(g,h,i)perylene	27.068	276	8046582m	79.450	ng/u1	

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

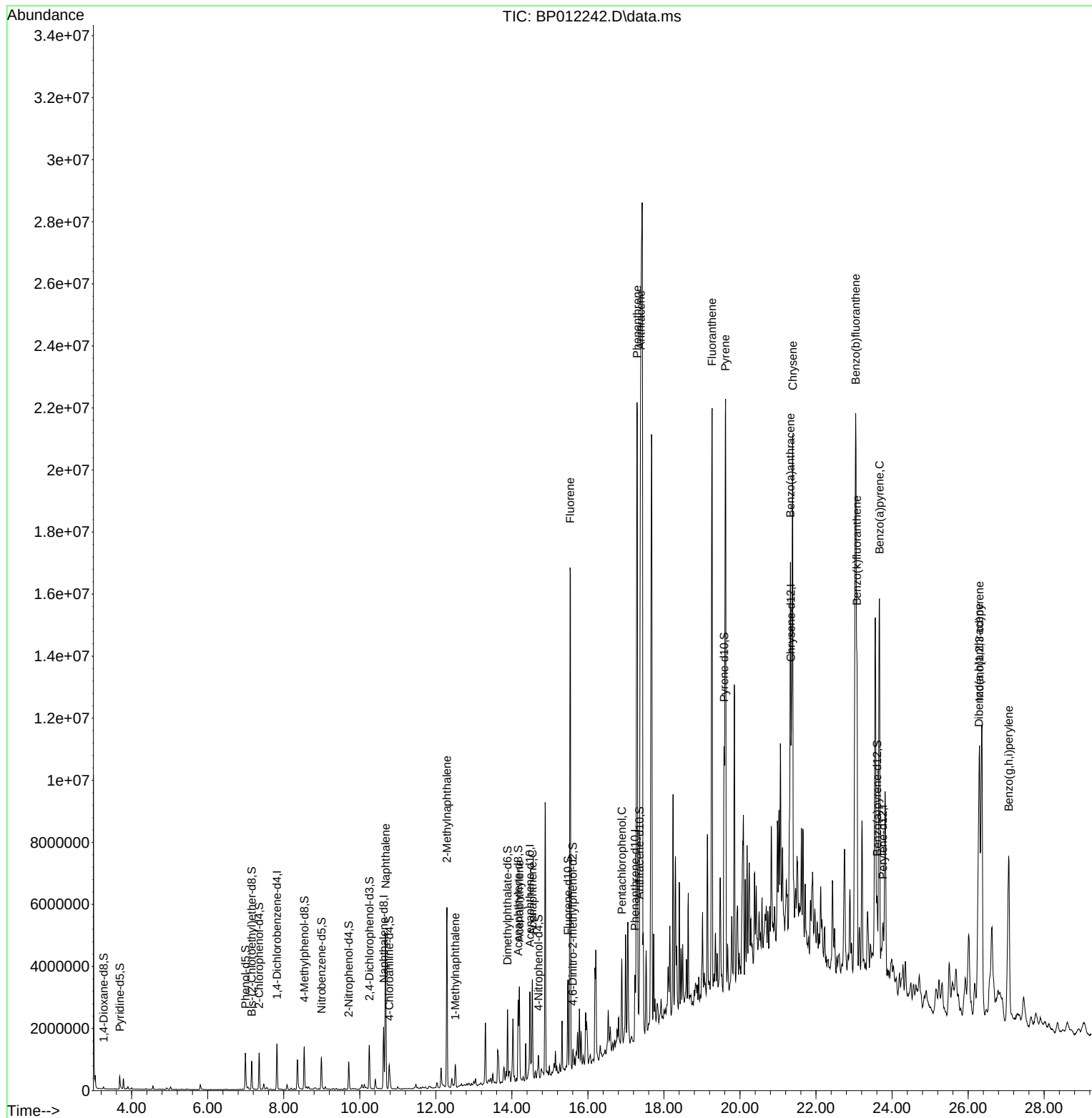
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012242.D
 Acq On : 21 Oct 2022 13:13
 Operator : CG/JU
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 ALS Vial : 37 Sample Multiplier: 1

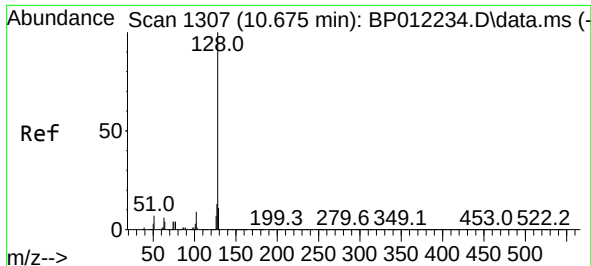
Instrument :
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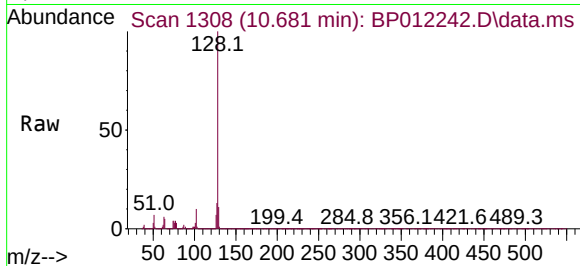
Quant Time: Oct 21 22:31:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration





#30
Naphthalene
Concen: 47.738 ng/ul
RT: 10.681 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

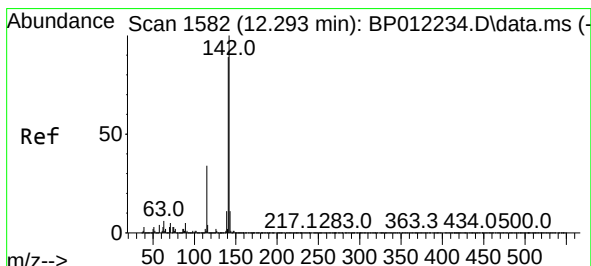
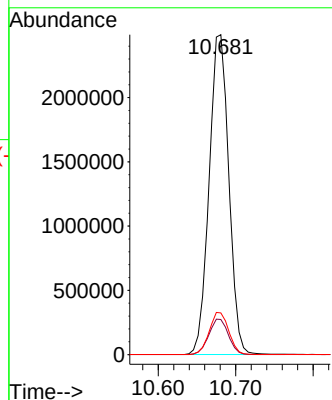
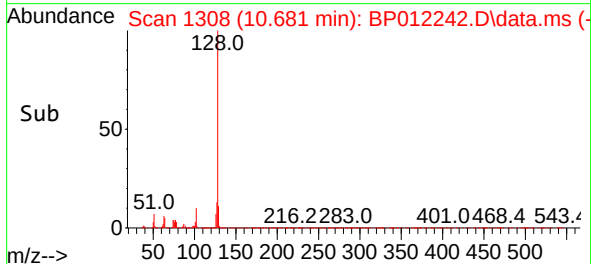
Instrument :
BNA_P
ClientSampleId :
DBWK5



Tgt Ion:128 Resp: 4393154
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.2 15.4

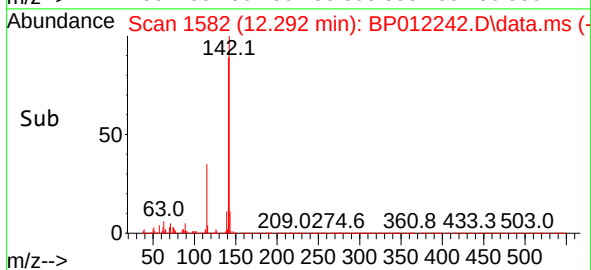
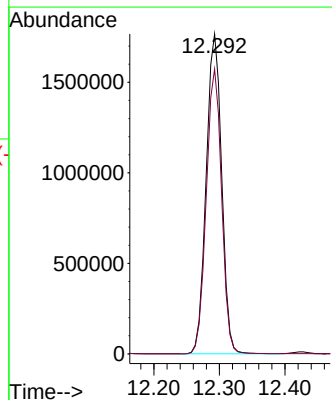
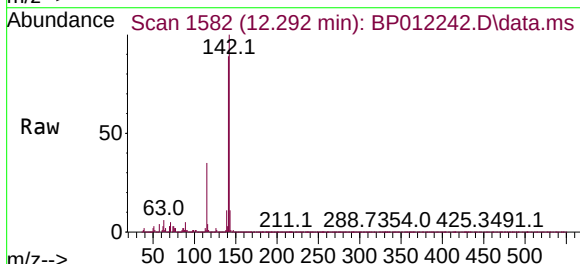
Manual Integrations
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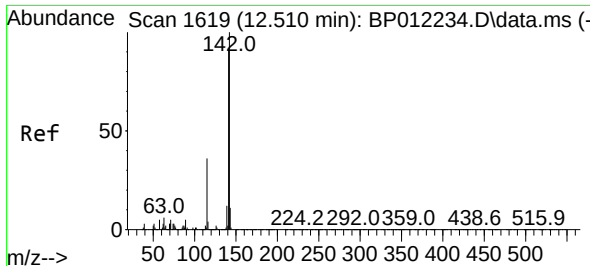
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#36
2-Methylnaphthalene
Concen: 46.092 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

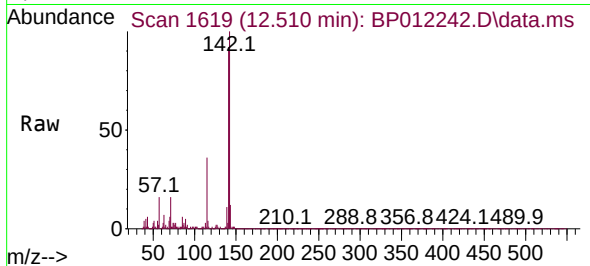
Tgt Ion:142 Resp: 2885960
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5





#37
1-Methylnaphthalene
Concen: 4.857 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

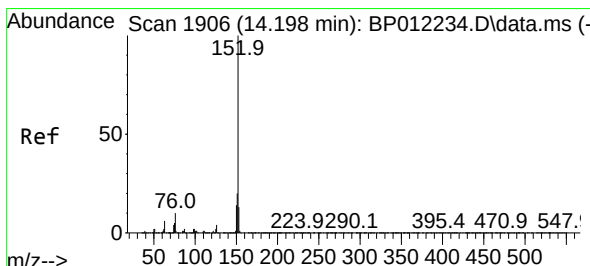
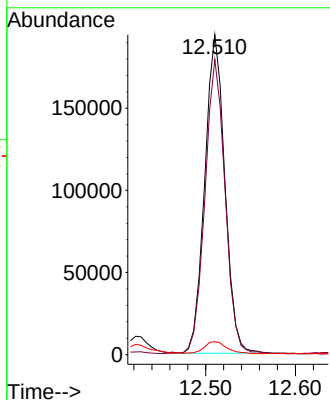
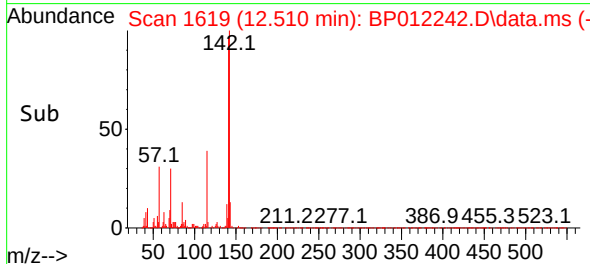
Instrument :
BNA_P
ClientSampleId :
DBWK5



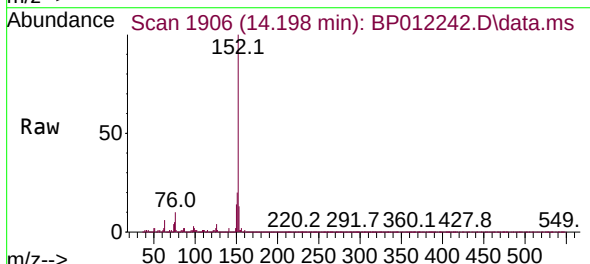
Tgt Ion:142 Resp: 303639
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0
116 4.0 3.0 4.4

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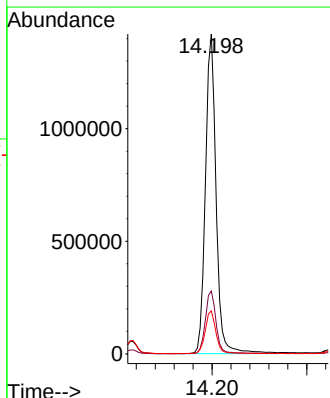
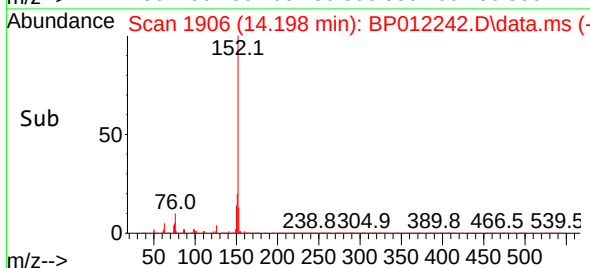
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Supervised By :mohammad ahmed 10/24/2022

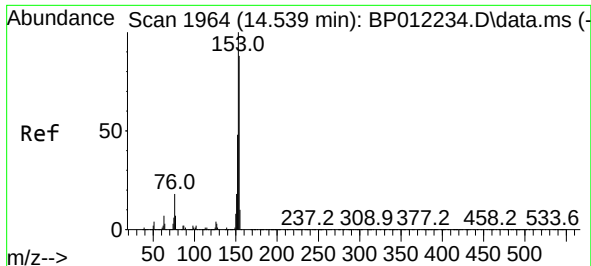


#50
Acenaphthylene
Concen: 25.772 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13



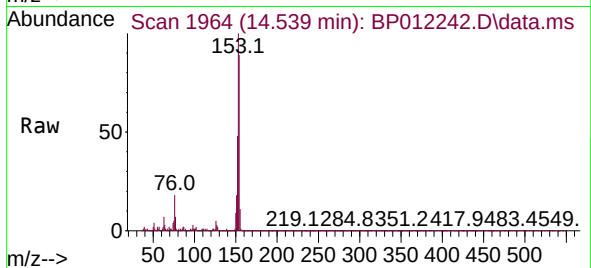
Tgt Ion:152 Resp: 2220874
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.4 10.6 16.0





#52
Acenaphthene
Concen: 21.693 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

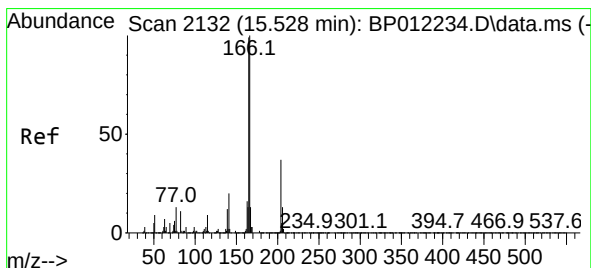
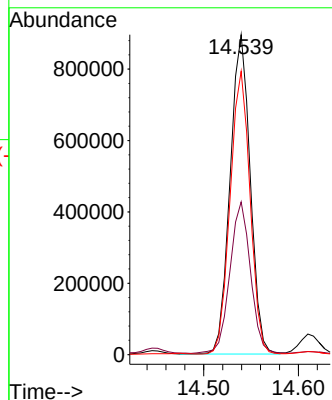
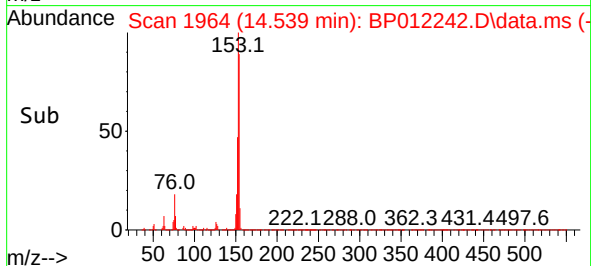
Instrument :
BNA_P
ClientSampleId :
DBWK5



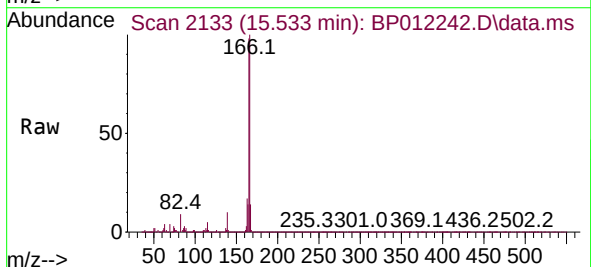
Tgt Ion:153 Resp: 1322076
Ion Ratio Lower Upper
153 100
152 47.7 38.1 57.1
154 88.5 71.4 107.2

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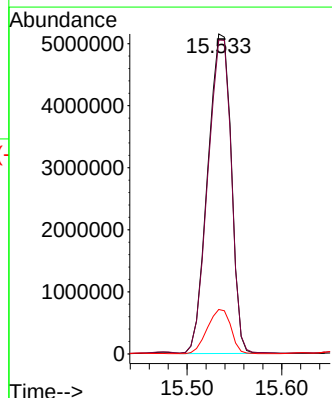
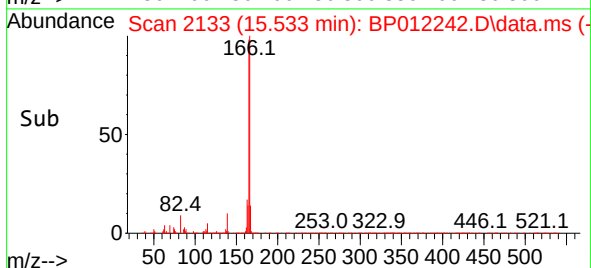
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

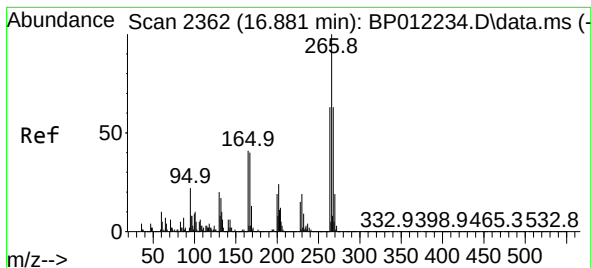


#61
Fluorene
Concen: 134.161 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13



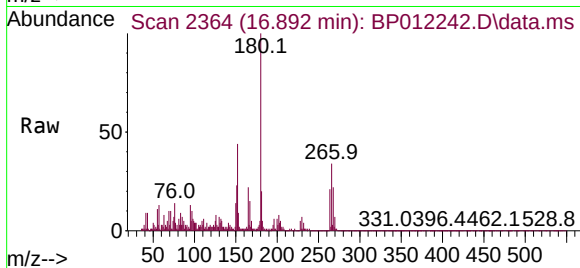
Tgt Ion:166 Resp: 8867847
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.9 10.7 16.1





#71
Pentachlorophenol
Concen: 22.864 ng/ul
RT: 16.892 min Scan# 2431
Delta R.T. 0.006 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

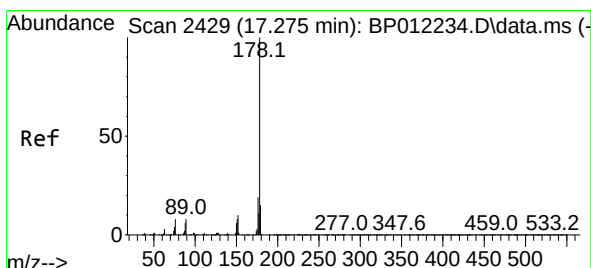
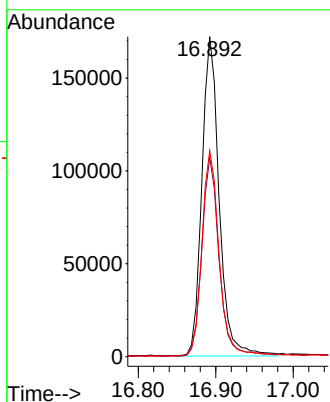
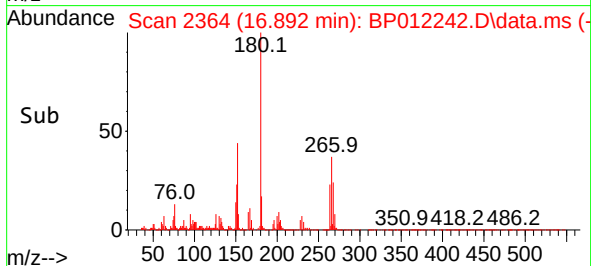
Instrument :
BNA_P
ClientSampleId :
DBWK5



Tgt Ion:266 Resp: 267088
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 64.4 50.6 76.0

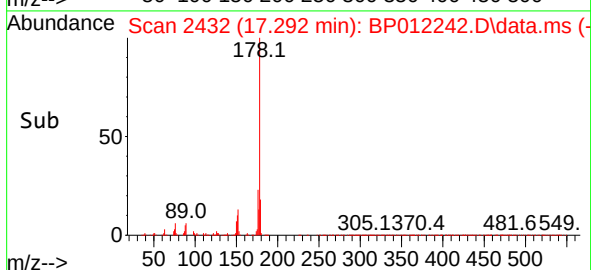
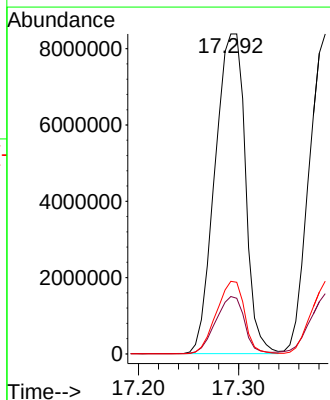
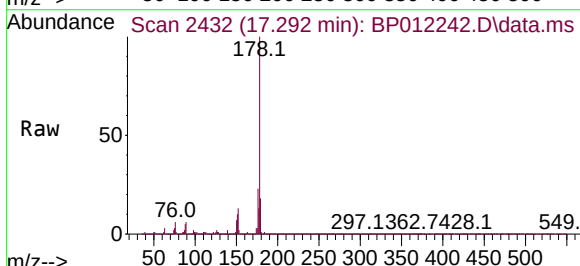
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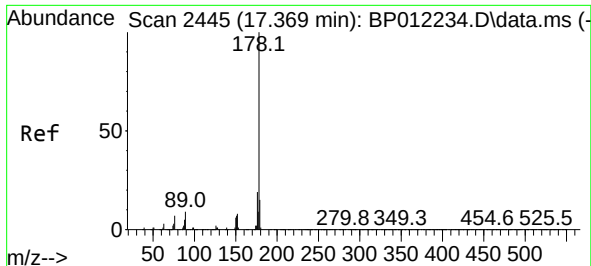
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#72
Phenanthrene
Concen: 211.649 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

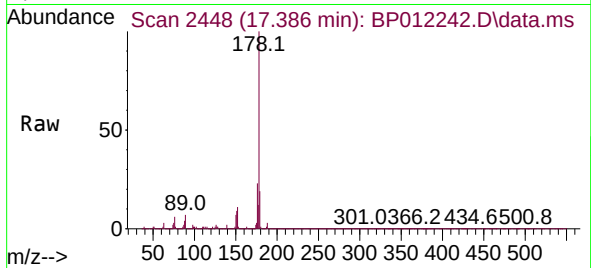
Tgt Ion:178 Resp:17638723
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 22.7 15.6 23.4





#74
 Anthracene
 Concen: 460.068 ng/ul m
 RT: 17.386 min Scan# 2445
 Delta R.T. 0.012 min
 Lab File: BP012242.D
 Acq: 21 Oct 2022 13:13

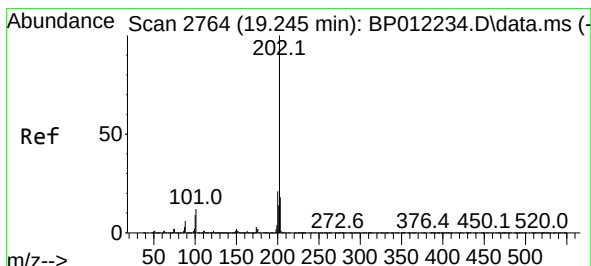
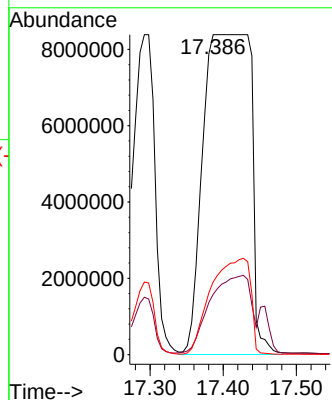
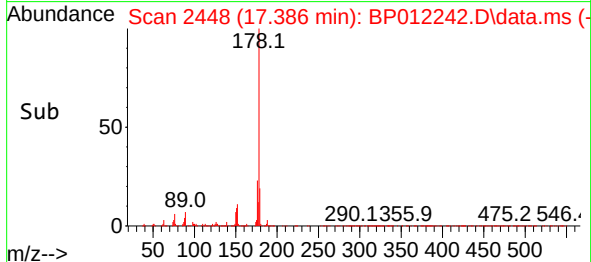
Instrument :
 BNA_P
 ClientSampleId :
 DBWK5



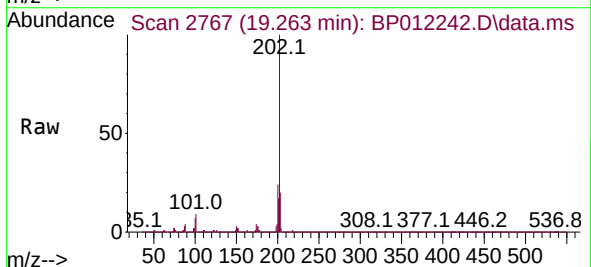
Tgt Ion:178 Resp:37936156
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.3 18.5#
 176 22.7 15.0 22.4#

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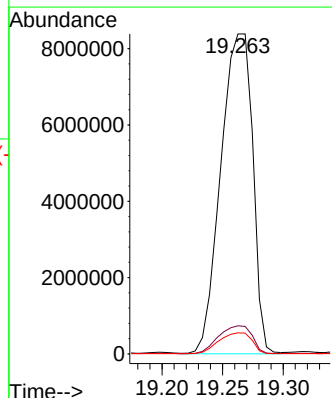
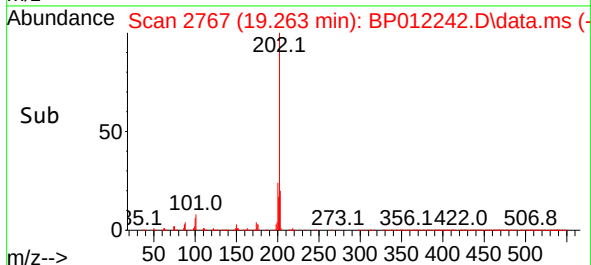
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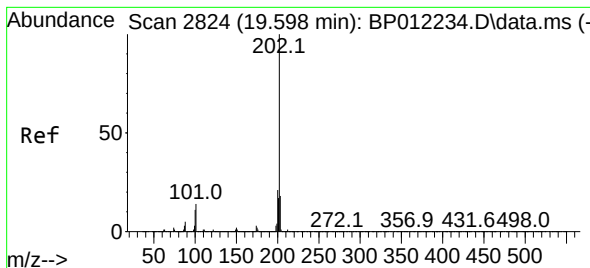


#80
 Fluoranthene
 Concen: 187.690 ng/ul m
 RT: 19.263 min Scan# 2767
 Delta R.T. 0.012 min
 Lab File: BP012242.D
 Acq: 21 Oct 2022 13:13



Tgt Ion:202 Resp:15383297
 Ion Ratio Lower Upper
 202 100
 101 8.8 10.4 15.6#
 100 6.6 7.7 11.5#





#82

Pyrene

Concen: 188.044 ng/ul m

RT: 19.616 min Scan# 2824

Delta R.T. 0.012 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

DBWK5

Tgt Ion:202 Resp:15768533

Ion Ratio Lower Upper

202 100

101 10.1 12.3 18.5

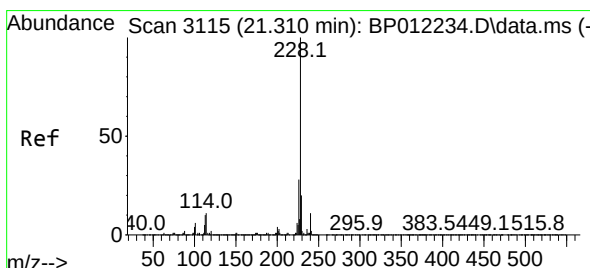
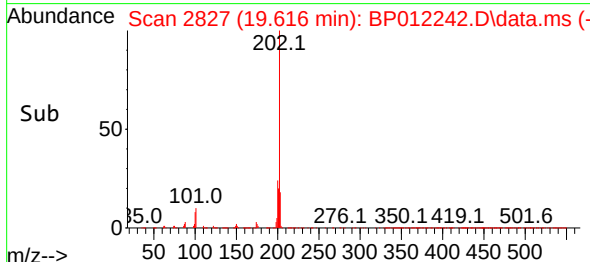
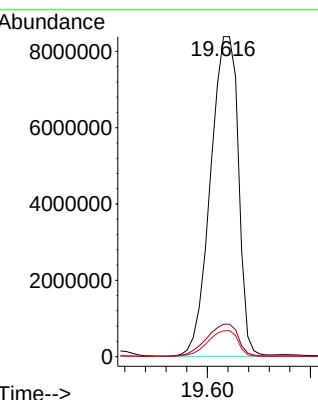
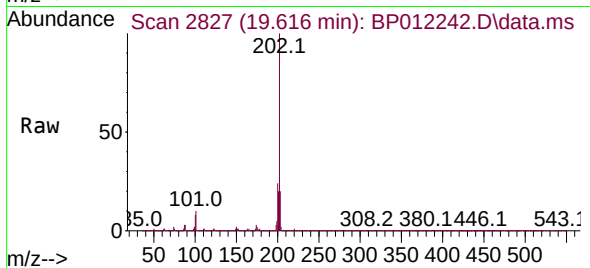
100 8.0 10.0 15.0

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#85

Benzo(a)anthracene

Concen: 100.005 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

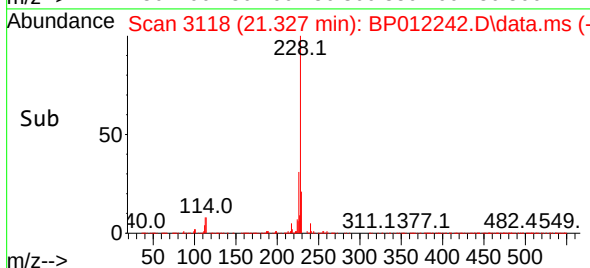
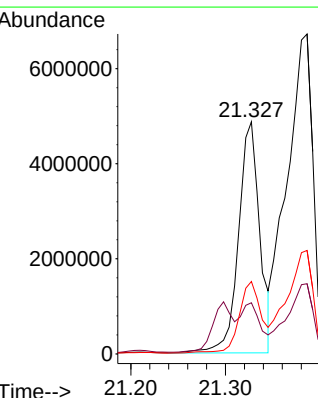
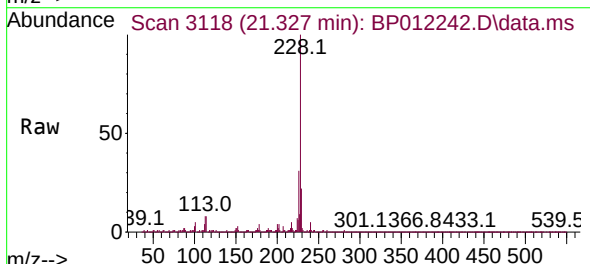
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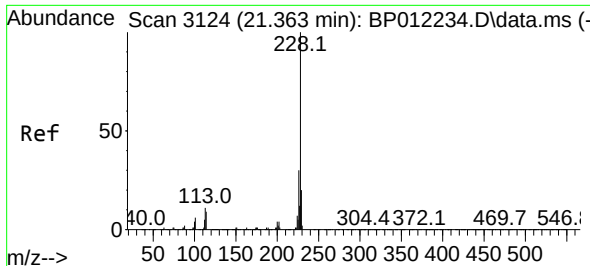
Ion Ratio Lower Upper

228 100

229 22.0 16.1 24.1

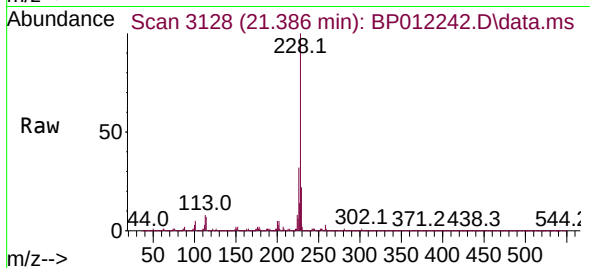
226 31.2 21.9 32.9





#87
Chrysene
Concen: 174.658 ng/ul
RT: 21.386 min Scan# 3124
Delta R.T. 0.018 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

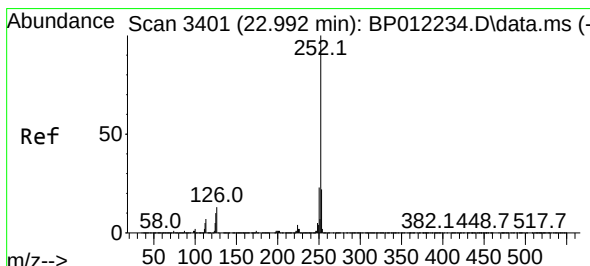
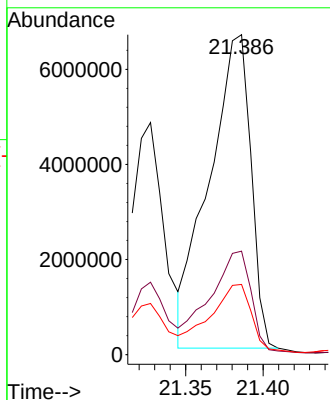
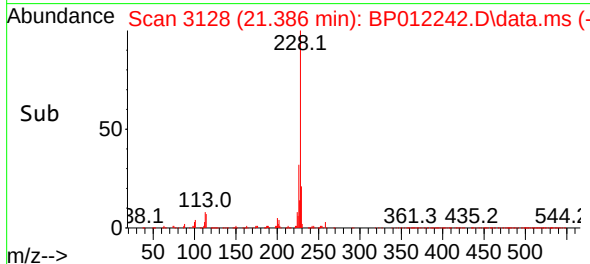
Instrument :
BNA_P
ClientSampleId :
DBWK5



Tgt Ion:228 Resp:12375014
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.4
229 21.9 15.8 23.8

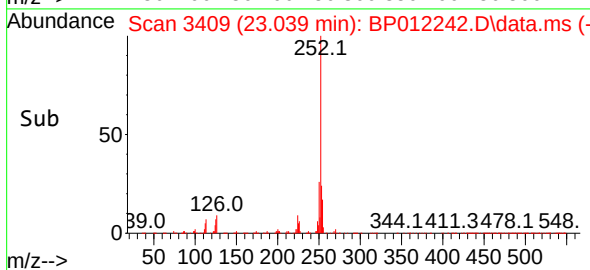
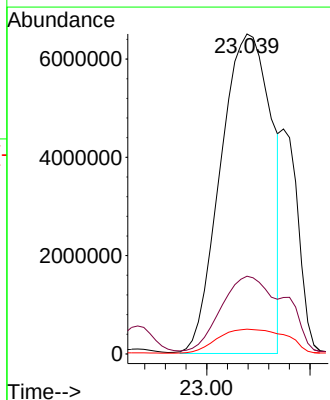
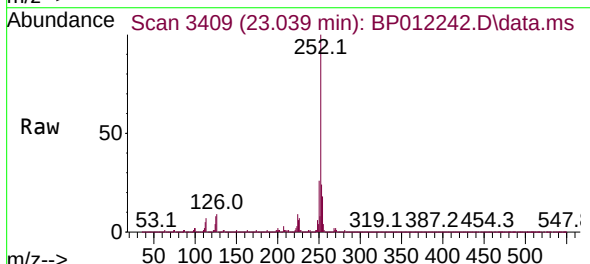
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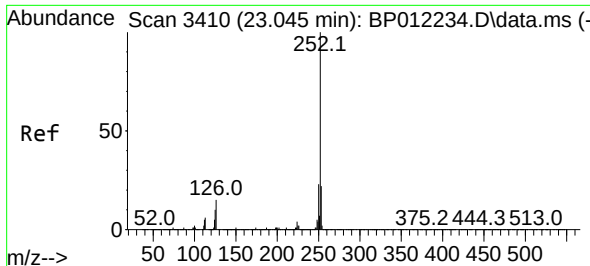
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#90
Benzo(b)fluoranthene
Concen: 203.732 ng/ul m
RT: 23.039 min Scan# 3409
Delta R.T. 0.035 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

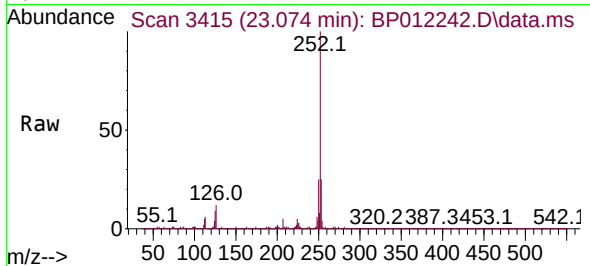
Tgt Ion:252 Resp:22199393
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 7.7 8.5 12.7#





#91
Benzo(k)fluoranthene
Concen: 50.160 ng/ul m
RT: 23.074 min Scan# 3410
Delta R.T. 0.024 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

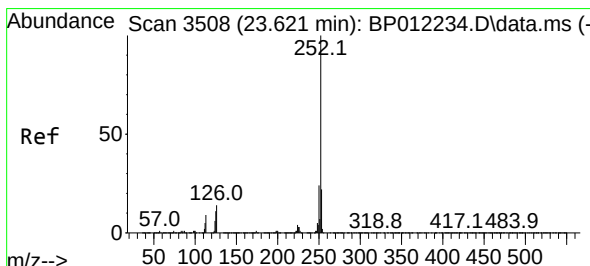
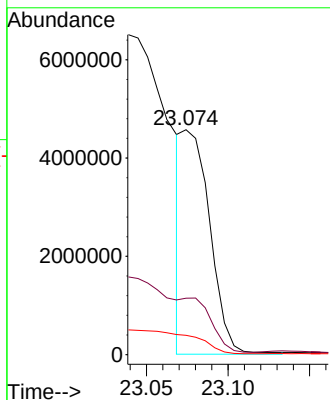
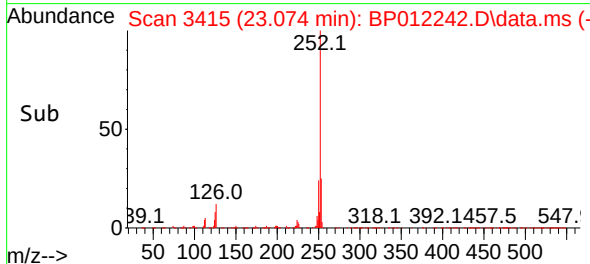
Instrument :
BNA_P
ClientSampleId :
DBWK5



Tgt Ion:252 Resp: 5387510
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 8.6 8.6 13.0

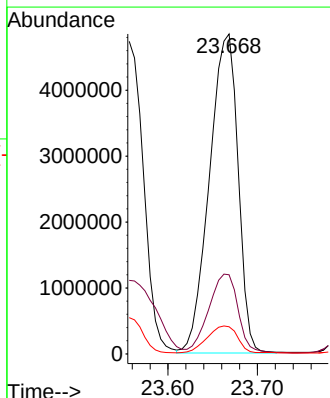
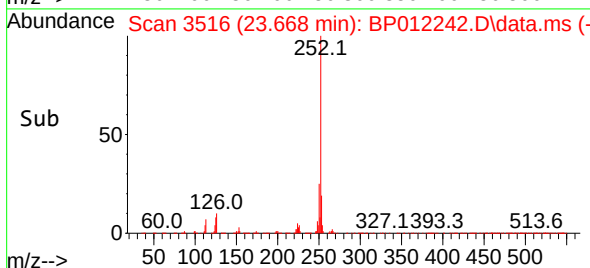
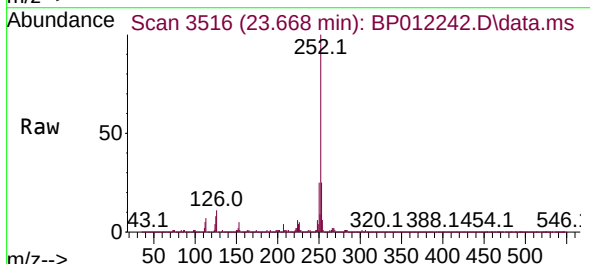
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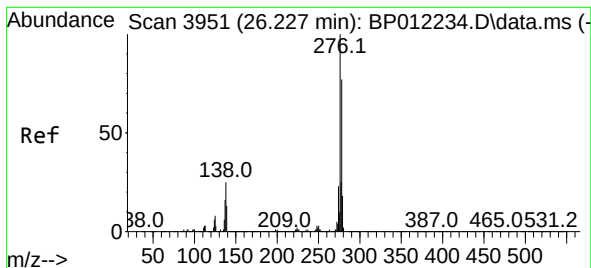
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#93
Benzo(a)pyrene
Concen: 115.847 ng/ul m
RT: 23.668 min Scan# 3516
Delta R.T. 0.035 min
Lab File: BP012242.D
Acq: 21 Oct 2022 13:13

Tgt Ion:252 Resp:10794414
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 8.5 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 94.823 ng/ul m

RT: 26.298 min Scan# 3963

Delta R.T. 0.053 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

DBWK5

Tgt Ion:276 Resp:1022808

Ion Ratio Lower Upper

276 100

138 17.1 20.3 30.5

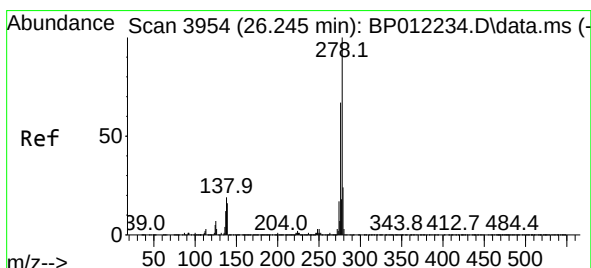
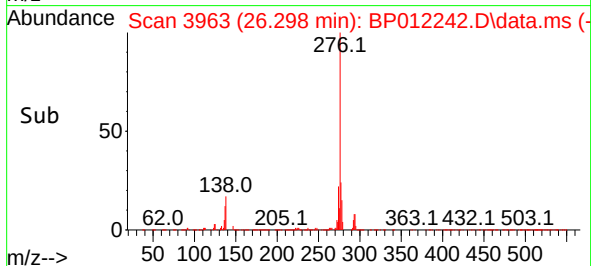
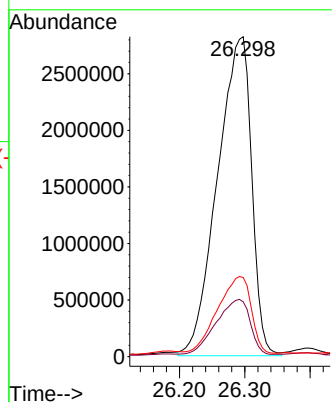
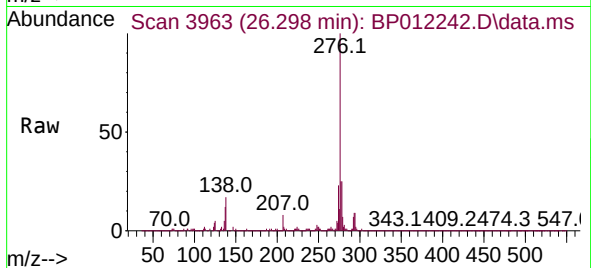
277 24.8 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022



#95

Dibenzo(a,h)anthracene

Concen: 32.755 ng/ul m

RT: 26.286 min Scan# 3961

Delta R.T. 0.024 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

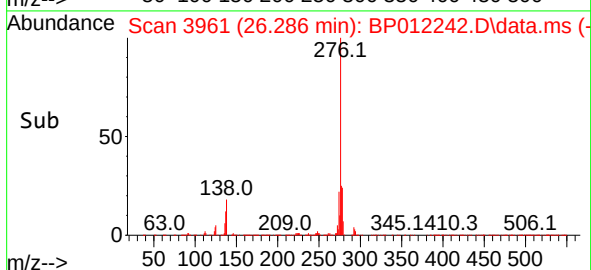
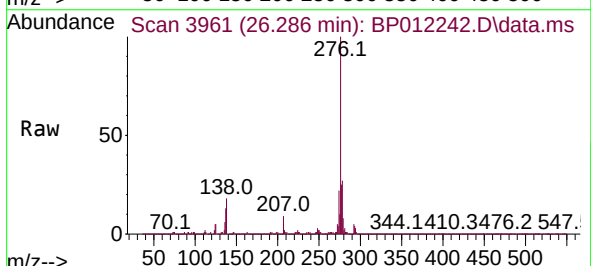
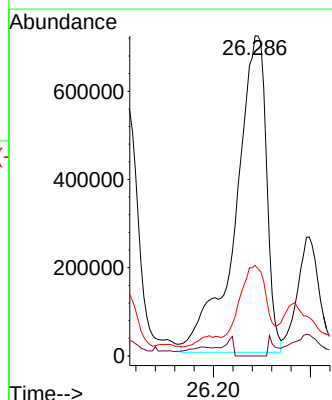
Tgt Ion:278 Resp: 3185231

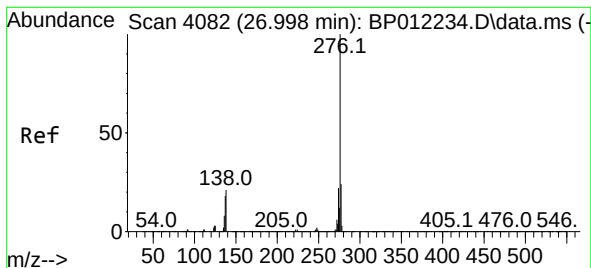
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3

279 28.3 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 79.450 ng/ul m

RT: 27.068 min Scan# 40

Delta R.T. 0.059 min

Lab File: BP012242.D

Acq: 21 Oct 2022 13:13

Instrument :

BNA_P

ClientSampleId :

DBWK5

Tgt Ion:276 Resp: 8046582

Ion Ratio Lower Upper

276 100

138 18.5 17.9 26.9

277 24.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022

