

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022612.D
 Acq On : 25 Oct 2024 15:16
 Operator : RC/JU
 Sample : P4436-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F48

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 15:56:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	140884	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	536359	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.257	164	425065	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.057	188	965567	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	1007161	20.000	ng/u1	# 0.00
88) Perylene-d12	24.751	264	1158542	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	4509	1.244	ng/uL	-0.01
4) Pyridine-d5	3.617	84	15274	1.535	ng/u1	0.00
7) Phenol-d5	6.846	99	93525	7.886	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	54675	7.844	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.199	132	71937	8.549	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	70892	7.491	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	35109	8.513	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	43374	9.084	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	91553	9.022	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	55978	4.668	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	314319	9.307	ng/u1	-0.02
49) Acenaphthylene-d8	13.951	160	318135	8.869	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	29781	5.256	ng/u1	0.00
60) Fluorene-d10	15.269	176	279759	9.550	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	41967	6.609	ng/u1	-0.01
73) Anthracene-d10	17.151	188	450126	9.910	ng/u1	-0.02
81) Pyrene-d10	19.545	212	461827	8.671	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.539	264	350495	5.665	ng/u1	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.463	105	47412	3.034	ng/u1	98
52) Acenaphthene	14.328	153	42060	1.598	ng/u1	99
56) Dibenzofuran	14.669	168	54598	1.381	ng/u1	99
61) Fluorene	15.322	166	63427	1.969	ng/u1	99
72) Phenanthrene	17.098	178	956235	18.511	ng/u1	99
74) Anthracene	17.187	178	246656	4.785	ng/u1	99
77) Carbazole	17.475	167	71444	1.566	ng/u1	98
78) Di-n-butylphthalate	18.063	149	66445	1.316	ng/u1	100
80) Fluoranthene	19.198	202	1482430	24.211	ng/u1	96
82) Pyrene	19.575	202	812701	12.384	ng/u1	98
85) Benzo(a)anthracene	21.475	228	755586	10.701	ng/u1	98
87) Chrysene	21.539	228	635503	9.707	ng/u1	98
90) Benzo(b)fluoranthene	23.733	252	884614	12.130	ng/u1	99
91) Benzo(k)fluoranthene	23.786	252	327141m	4.582	ng/u1	
93) Benzo(a)pyrene	24.604	252	288736	4.302	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.451	276	276396	3.086	ng/u1	98
95) Dibenzo(a,h)anthracene	28.492	278	126753m	1.748	ng/u1	

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

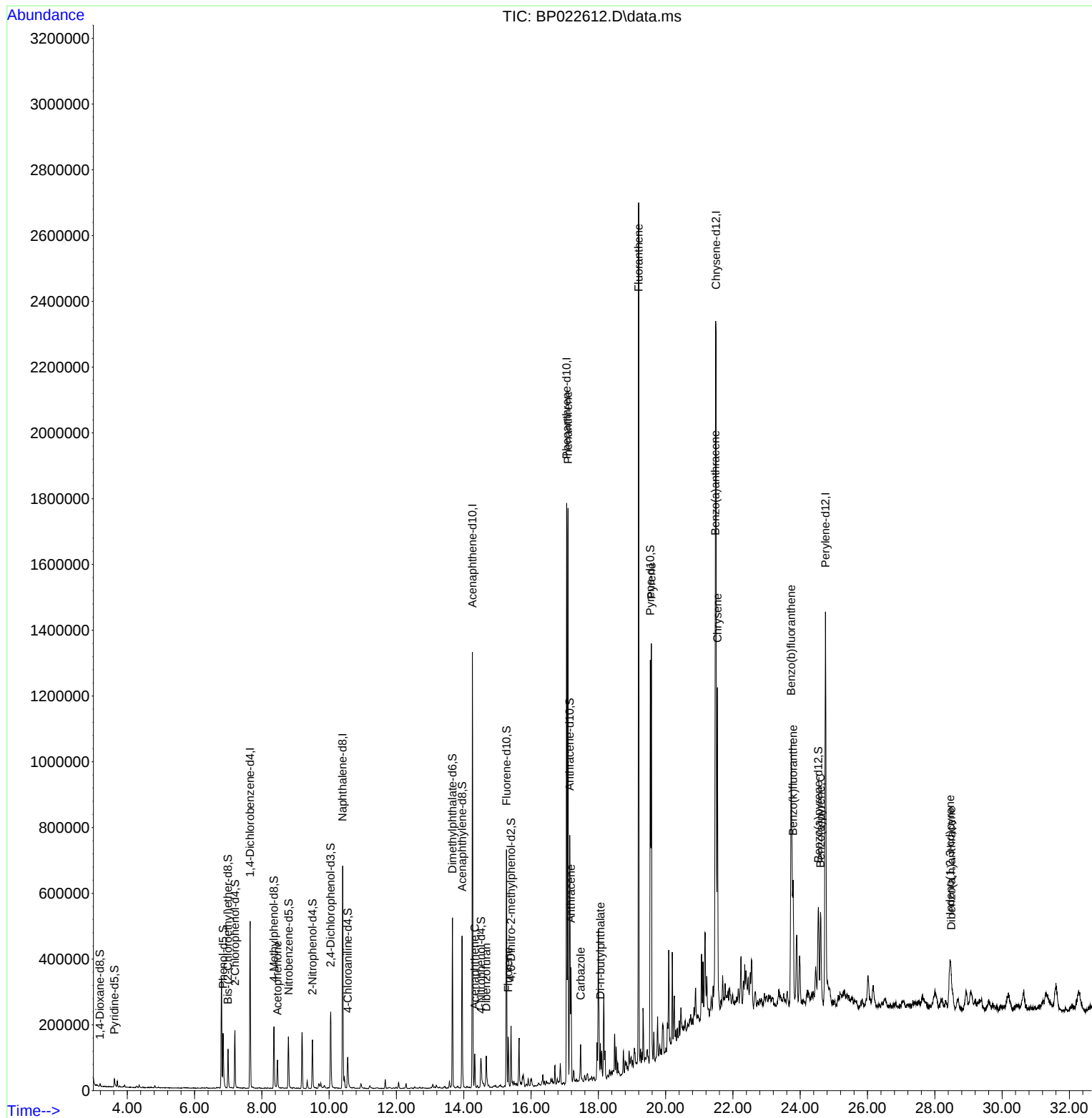
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Data File : BP022612.D
Acq On : 25 Oct 2024 15:16
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ALS Vial : 11 Sample Multiplier: 1

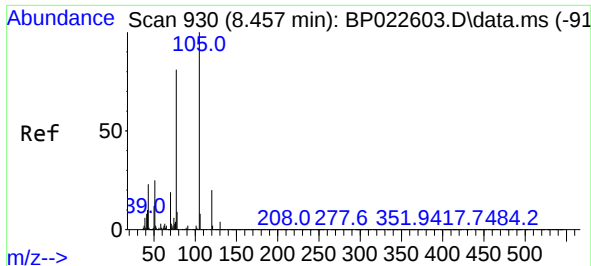
Instrument :
BNA_P
ClientSampleId :
A4F48

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





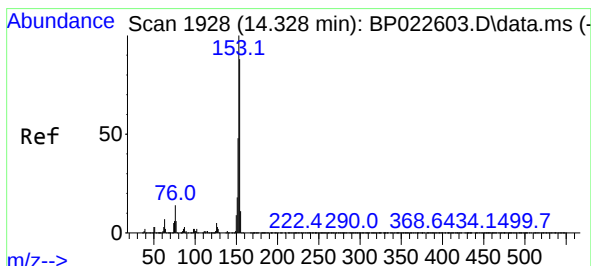
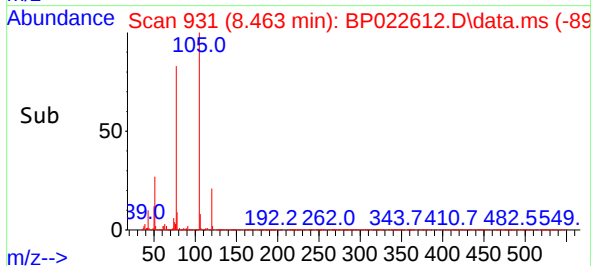
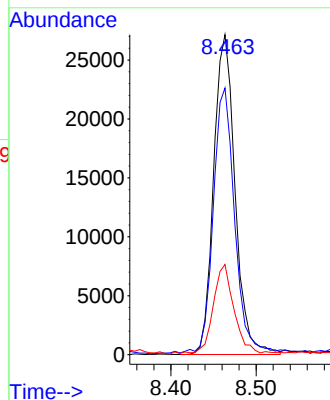
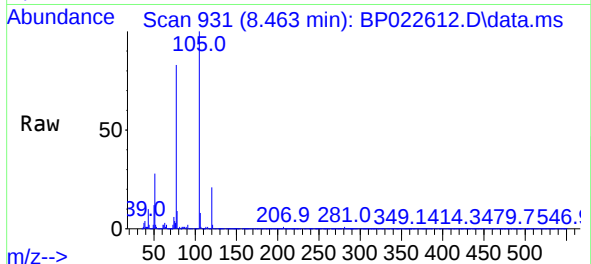
#16
Acetophenone
Concen: 3.034 ng/ul
RT: 8.463 min Scan# 911
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

Instrument :
BNA_P
ClientSampleId :
A4F48

Tgt Ion:105 Resp: 47412
Ion Ratio Lower Upper
105 100
77 83.4 69.0 103.4
51 28.2 22.6 33.8

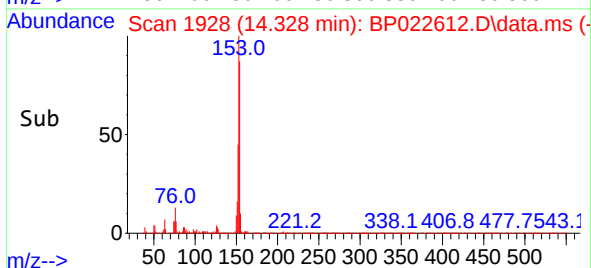
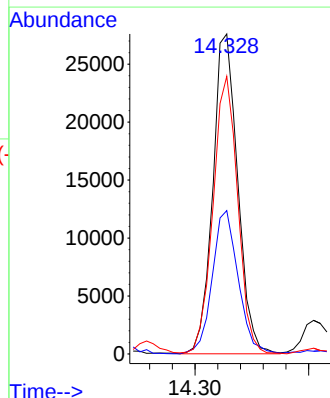
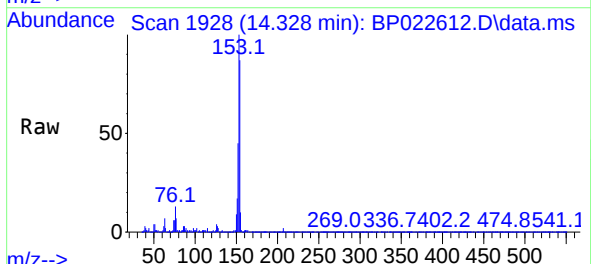
Manual Integrations
APPROVED

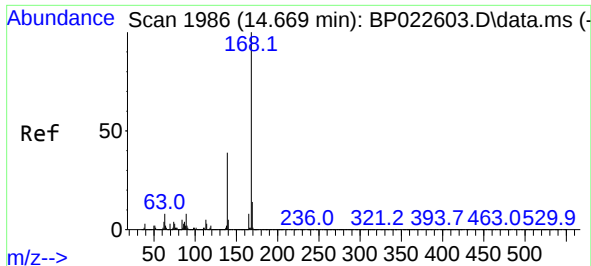
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#52
Acenaphthene
Concen: 1.598 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

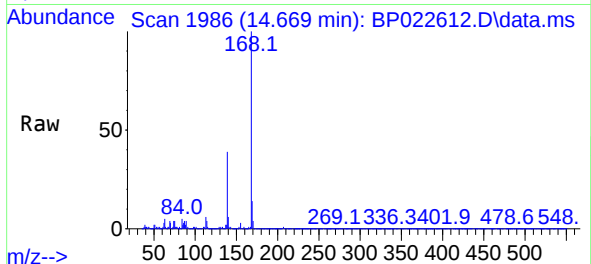
Tgt Ion:153 Resp: 42060
Ion Ratio Lower Upper
153 100
152 44.8 37.8 56.6
154 86.7 69.5 104.3





#56
Dibenzenofuran
Concen: 1.381 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

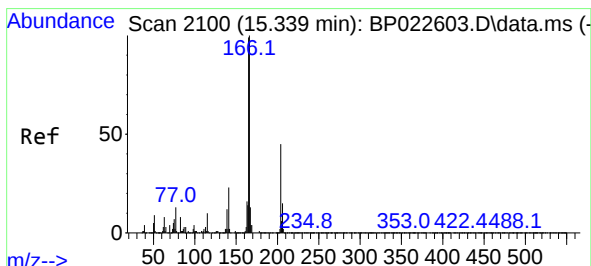
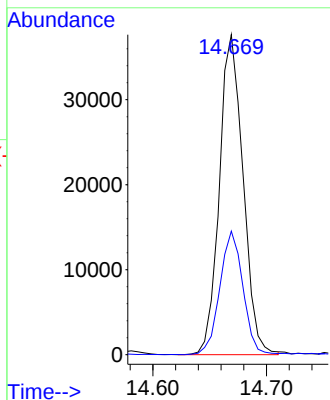
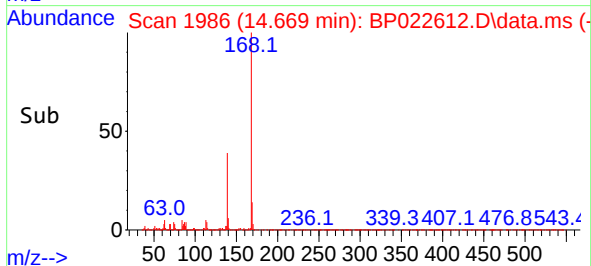
Instrument :
BNA_P
ClientSampleId :
A4F48



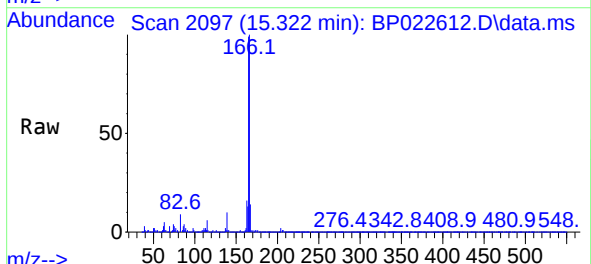
Tgt Ion:168 Resp: 54598
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2

Manual Integrations
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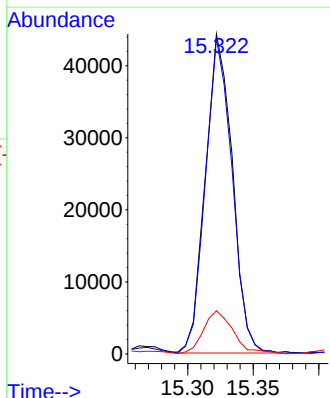
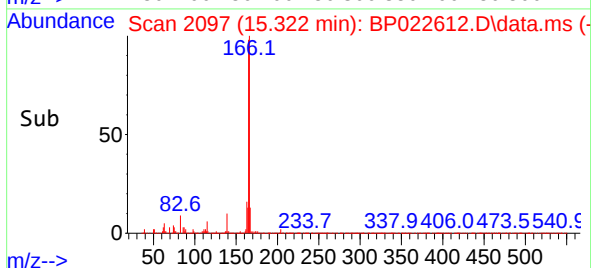
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

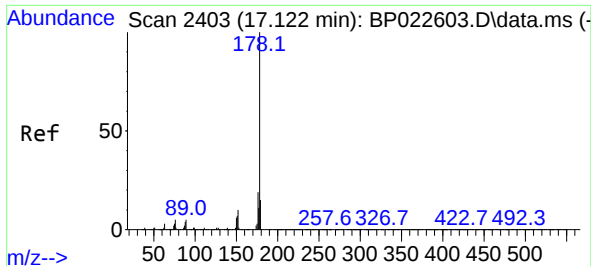


#61
Fluorene
Concen: 1.969 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16



Tgt Ion:166 Resp: 63427
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.6
167 13.5 11.1 16.7





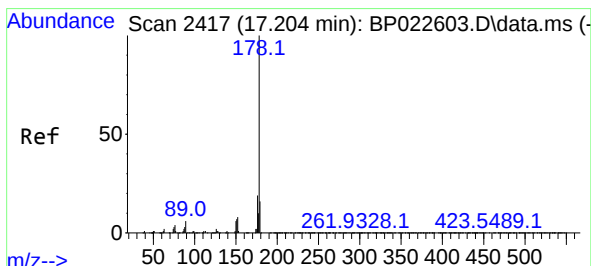
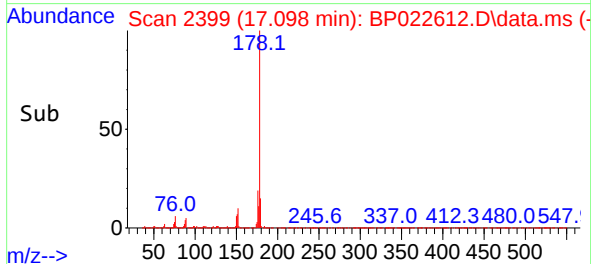
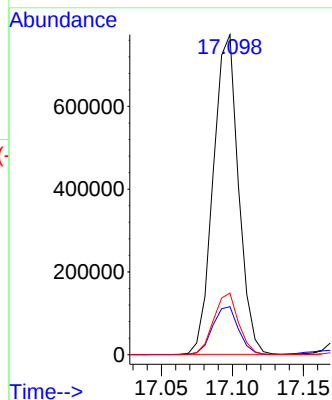
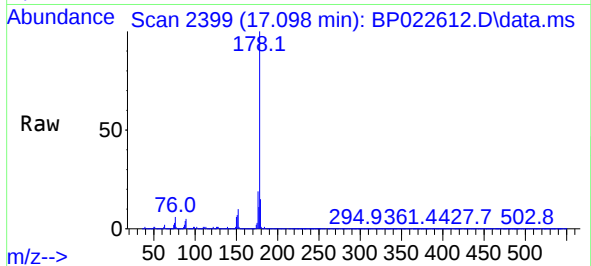
#72
Phenanthrene
Concen: 18.511 ng/ul
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

Instrument :
BNA_P
ClientSampleId :
A4F48

Tgt Ion:178 Resp: 956235
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.3 15.7 23.5

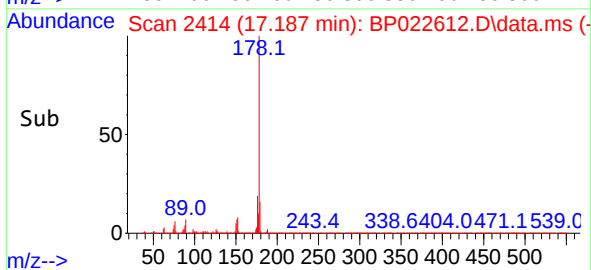
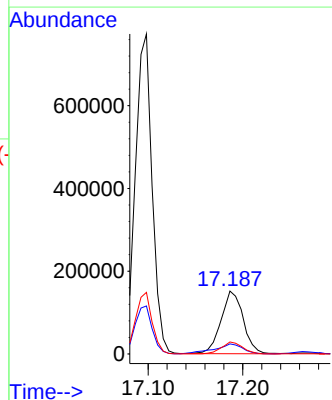
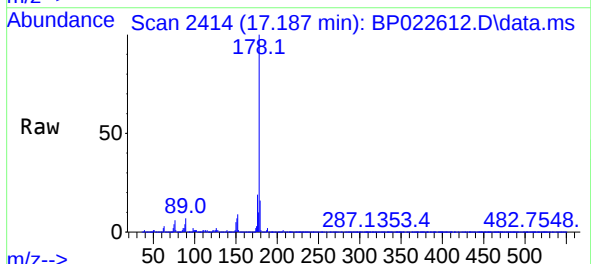
Manual Integrations
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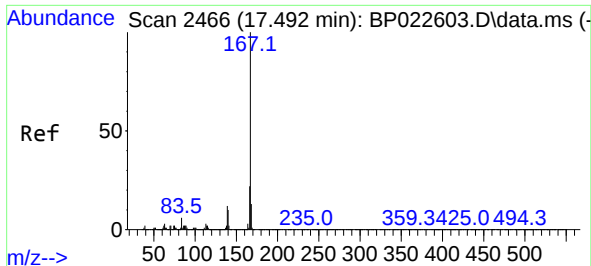
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#74
Anthracene
Concen: 4.785 ng/ul
RT: 17.187 min Scan# 2414
Delta R.T. -0.017 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

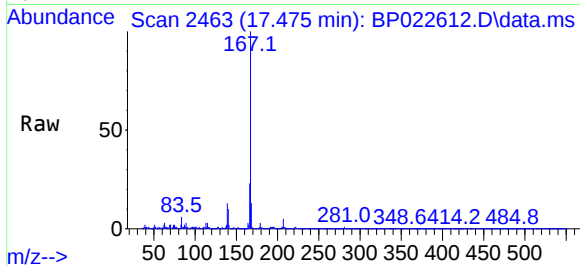
Tgt Ion:178 Resp: 246656
Ion Ratio Lower Upper
178 100
179 16.0 12.0 18.0
176 19.0 15.0 22.4





#77
 Carbazole
 Concen: 1.566 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.023 min
 Lab File: BP022612.D
 Acq: 25 Oct 2024 15:16

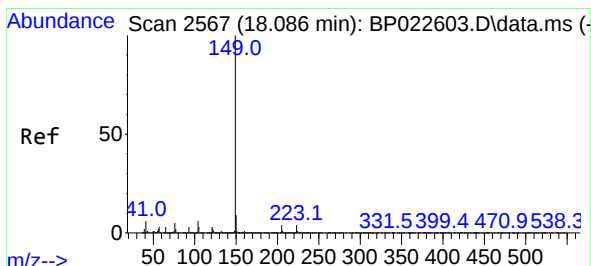
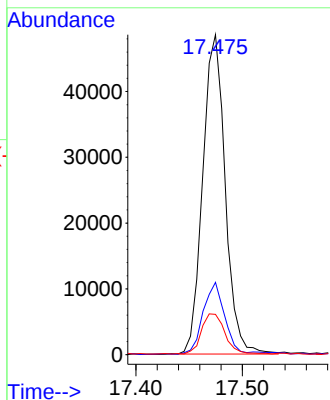
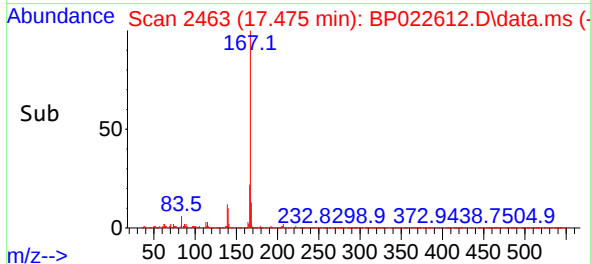
Instrument :
 BNA_P
 ClientSampleId :
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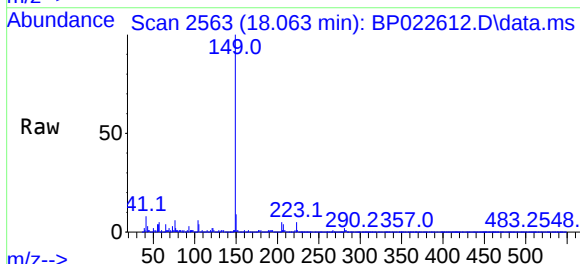
Tgt Ion:167 Resp: 71444
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.0 25.6
 139 12.6 10.3 15.5

Manual Integrations
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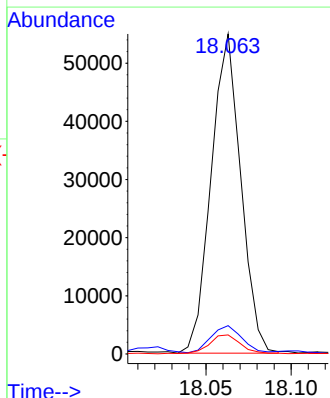
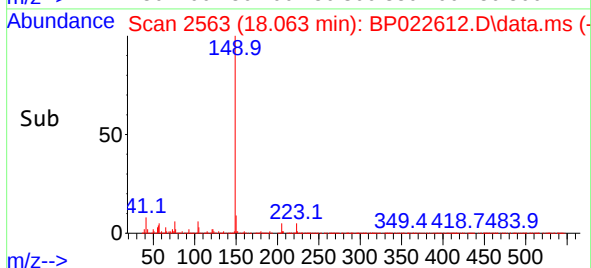
Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

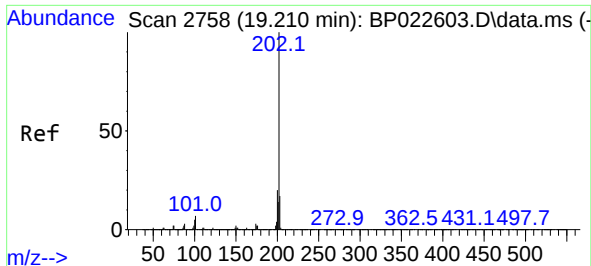


#78
 Di-n-butylphthalate
 Concen: 1.316 ng/ul
 RT: 18.063 min Scan# 2563
 Delta R.T. -0.023 min
 Lab File: BP022612.D
 Acq: 25 Oct 2024 15:16



Tgt Ion:149 Resp: 66445
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.9 4.8 7.2





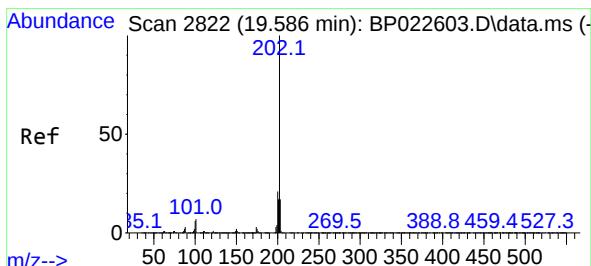
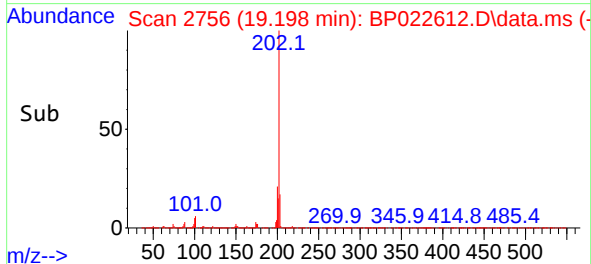
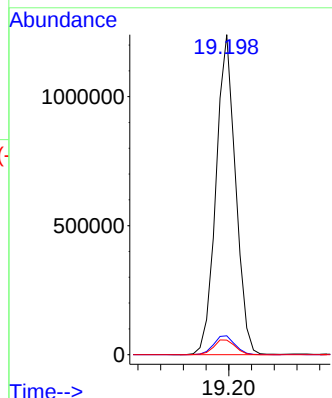
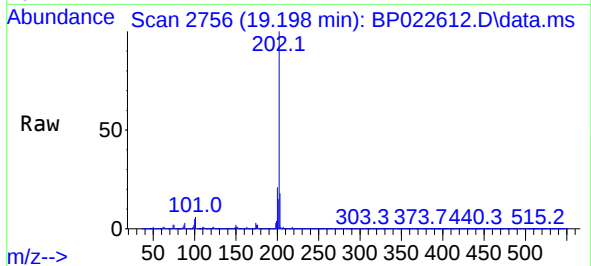
#80
Fluoranthene
Concen: 24.211 ng/u1
RT: 19.198 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

Instrument :
BNA_P
ClientSampleId :
A4F48

Tgt Ion:202 Resp: 1482430
Ion Ratio Lower Upper
202 100
101 5.9 5.8 8.8
100 4.6 4.5 6.7

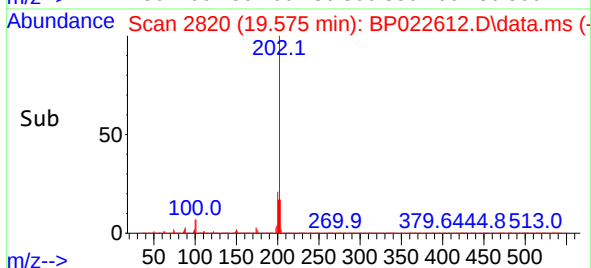
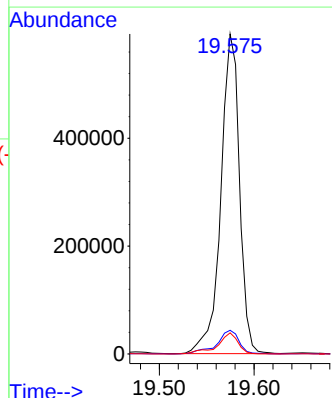
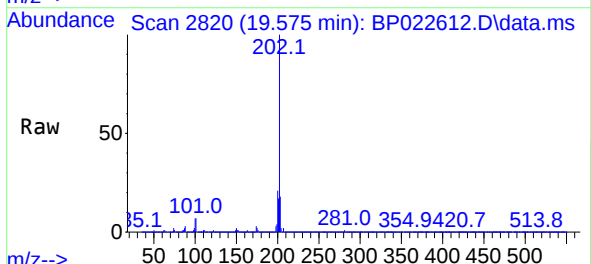
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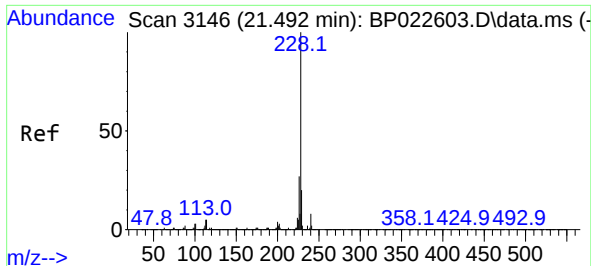
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#82
Pyrene
Concen: 12.384 ng/u1
RT: 19.575 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

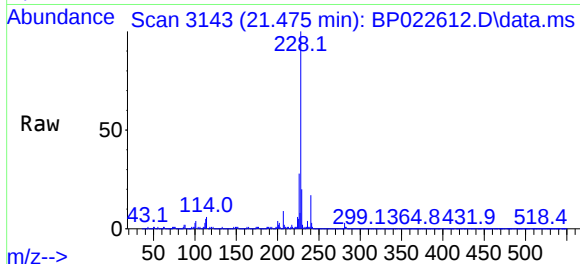
Tgt Ion:202 Resp: 812701
Ion Ratio Lower Upper
202 100
101 7.4 6.7 10.1
100 6.6 5.8 8.6





#85
Benzo(a)anthracene
Concen: 10.701 ng/u1
RT: 21.475 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

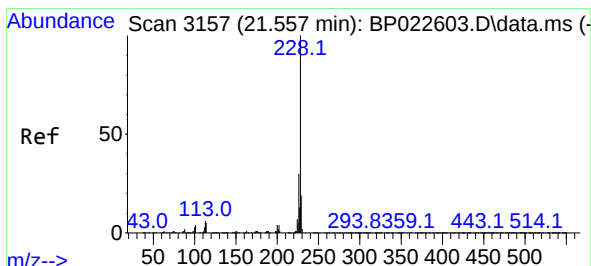
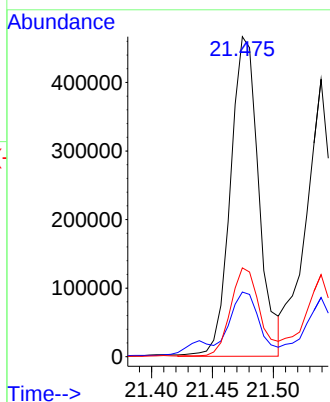
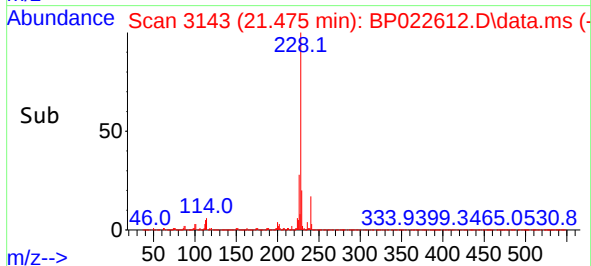
Instrument :
BNA_P
ClientSampleId :
A4F48



Tgt Ion:228 Resp: 755580
Ion Ratio Lower Upper
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229 20.2 15.4 23.0
226 27.8 21.5 32.3

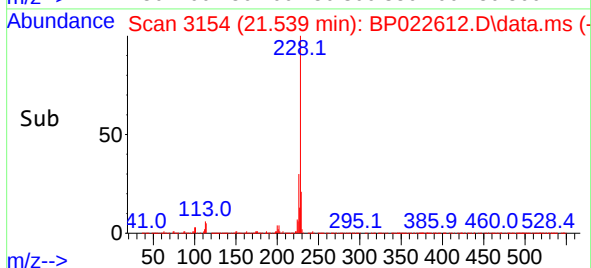
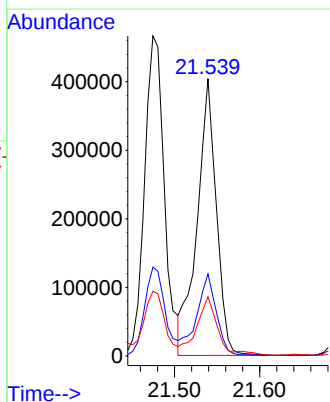
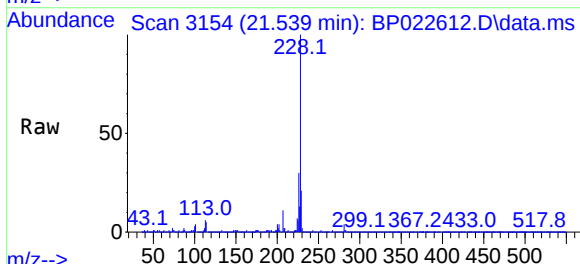
Manual Integrations
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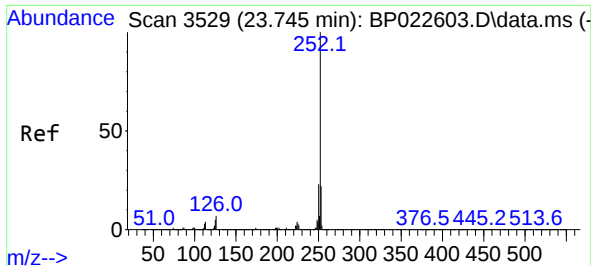
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



#87
Chrysene
Concen: 9.707 ng/u1
RT: 21.539 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

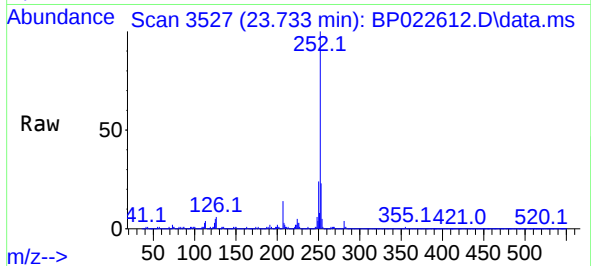
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Ion Ratio Lower Upper
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226 29.6 23.8 35.8
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 12.130 ng/ul
RT: 23.733 min Scan# 3527
Delta R.T. 0.012 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

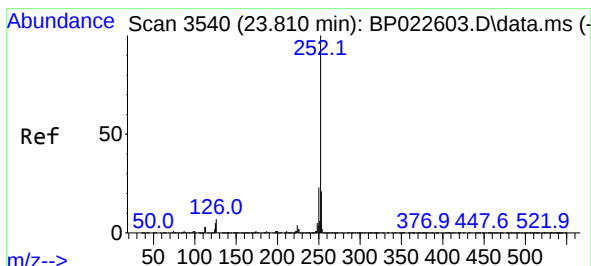
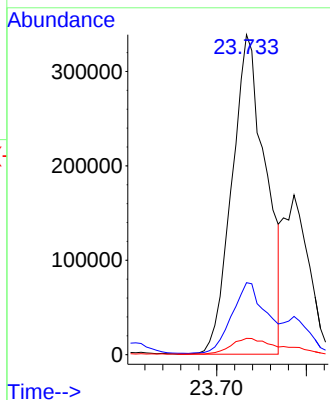
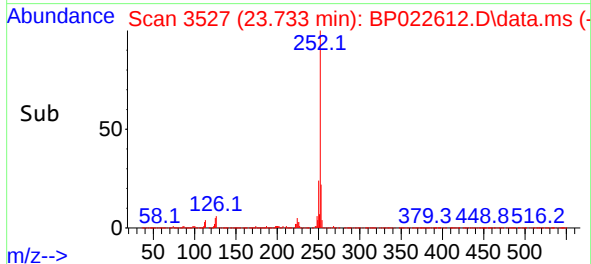
Instrument :
BNA_P
ClientSampleId :
A4F48



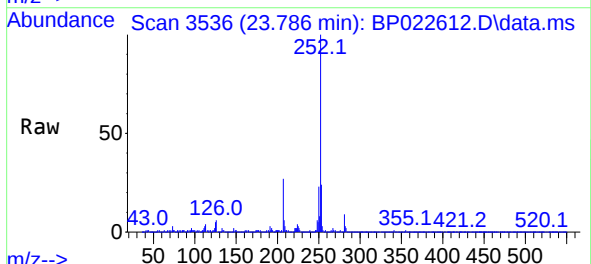
Tgt Ion:252 Resp: 884614
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.1 5.0 7.4

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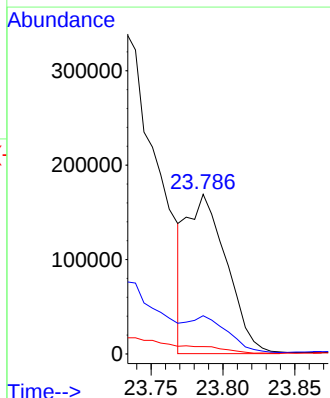
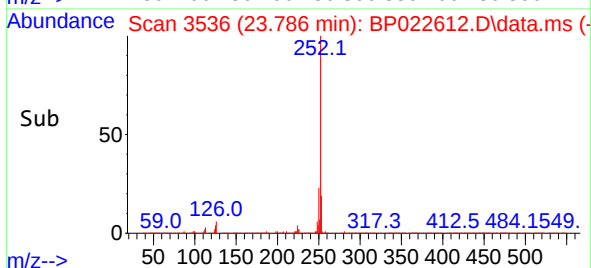
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

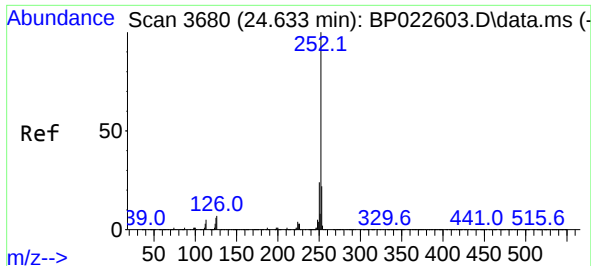


#91
Benzo(k)fluoranthene
Concen: 4.582 ng/ul m
RT: 23.786 min Scan# 3536
Delta R.T. -0.005 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16



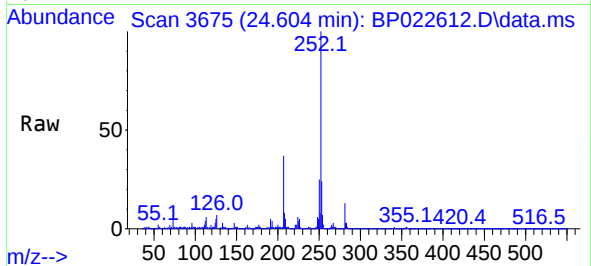
Tgt Ion:252 Resp: 327141
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 4.6 4.6 6.8





#93
Benzo(a)pyrene
Concen: 4.302 ng/ul
RT: 24.604 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16

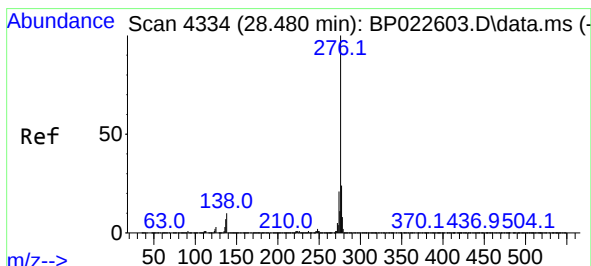
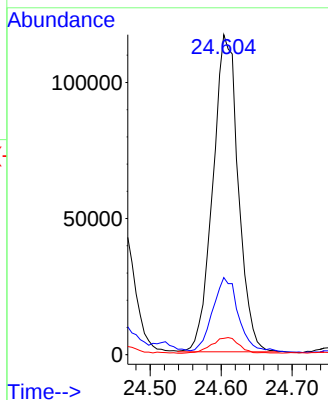
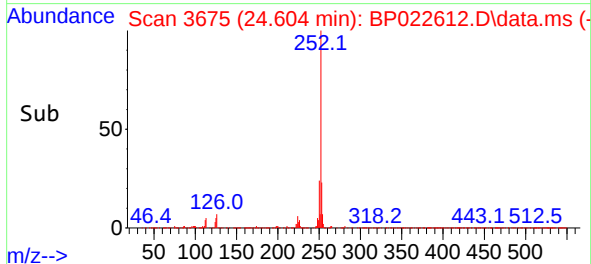
Instrument :
BNA_P
ClientSampleId :
A4F48



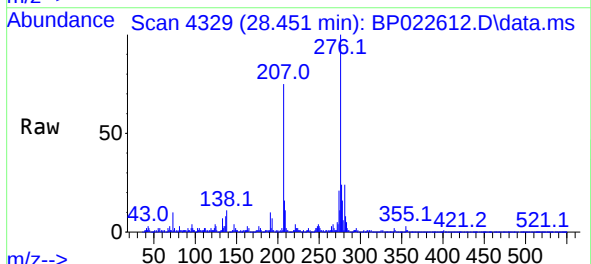
Tgt Ion:252 Resp: 288730
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 5.1 4.9 7.3

Manual Integrations
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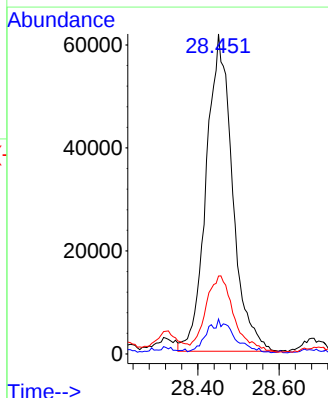
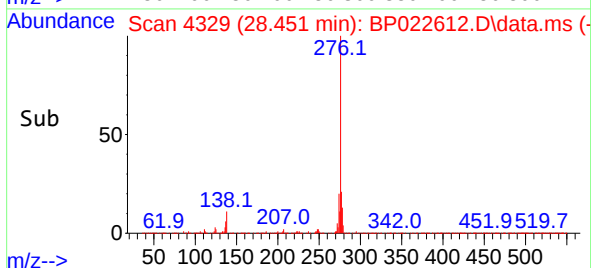
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

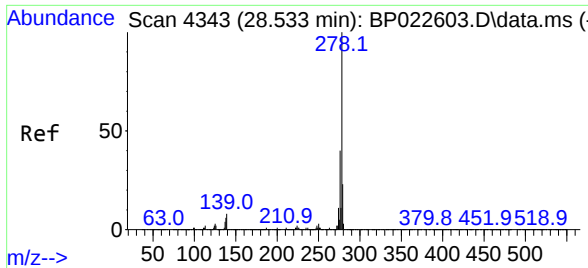


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.086 ng/ul
RT: 28.451 min Scan# 4329
Delta R.T. 0.018 min
Lab File: BP022612.D
Acq: 25 Oct 2024 15:16



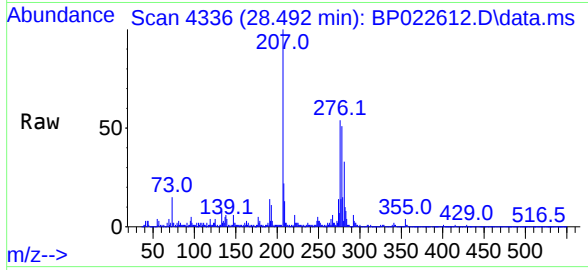
Tgt Ion:276 Resp: 276396
Ion Ratio Lower Upper
276 100
138 10.9 9.1 13.7
277 24.4 18.6 27.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.748 ng/ul m
 RT: 28.492 min Scan# 4336
 Delta R.T. -0.023 min
 Lab File: BP022612.D
 Acq: 25 Oct 2024 15:16

Instrument :
 BNA_P
 ClientSampleId :
 A4F48



Tgt Ion: 278 Resp: 12675
 Ion Ratio Lower Upper
 278 100
 139 8.0 7.3 10.9
 279 30.5 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

