

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017212.D
 Acq On : 18 Sep 2023 19:08
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 23:32:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	296124	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1140139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	576774	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1114835	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	873818	20.000	ng/u1	# 0.02
88) Perylene-d12	24.063	264	1331431	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	16417	2.330	ng/uL	0.00
4) Pyridine-d5	3.764	84	16840	0.835	ng/u1	0.02
7) Phenol-d5	7.093	99	263782	10.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	217879	14.477	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	225617	11.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	96832	4.852	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	121798	15.256	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	114596	13.445	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	178765	10.845	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	62869	2.530	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	661505	16.117	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	686891	14.749	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	289	0.036	ng/u1	0.00
60) Fluorene-d10	15.604	176	535100	15.078	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	8618	1.384	ng/u1	0.00
73) Anthracene-d10	17.475	188	760907	16.064	ng/u1	0.00
81) Pyrene-d10	19.727	212	767052	16.738	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.892	264	983354	15.648	ng/u1	0.05
Target Compounds						
					Qvalue	
8) Phenol	7.122	94	48917	1.926	ng/u1	96
16) Acetophenone	8.793	105	507573	16.250	ng/u1	98
30) Naphthalene	10.822	128	784703	13.601	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	242639	6.233	ng/u1	98
37) 1-Methylnaphthalene	12.645	142	179918	4.566	ng/u1#	99
43) 1,1'-Biphenyl	13.440	154	76989	1.861	ng/u1	99
50) Acenaphthylene	14.334	152	119954	2.230	ng/u1#	87
52) Acenaphthene	14.669	153	662977	18.621	ng/u1	99
56) Dibenzofuran	15.004	168	390107	7.929	ng/u1	99
61) Fluorene	15.657	166	577750	14.203	ng/u1	98
72) Phenanthrene	17.422	178	2732183	48.767	ng/u1	99
74) Anthracene	17.510	178	536876m	9.462	ng/u1	
77) Carbazole	17.798	167	93195	1.870	ng/u1#	64
80) Fluoranthene	19.392	202	2542767	47.471	ng/u1	95
82) Pyrene	19.757	202	2450959	43.305	ng/u1#	91
85) Benzo(a)anthracene	21.480	228	574783	10.046	ng/u1#	90
86) Bis(2-ethylhexyl)phtha...	21.357	149	156498	5.523	ng/u1#	59
87) Chrysene	21.539	228	557322	10.472	ng/u1#	83
90) Benzo(b)fluoranthene	23.263	252	837842	10.676	ng/u1#	31
91) Benzo(k)fluoranthene	23.310	252	323604m	4.148	ng/u1	
93) Benzo(a)pyrene	23.945	252	569840	7.826	ng/u1#	25
94) Indeno(1,2,3-cd)pyrene	26.774	276	471760	5.851	ng/u1#	79
95) Dibenzo(a,h)anthracene	26.798	278	109617	1.618	ng/u1#	1
96) Benzo(g,h,i)perylene	27.621	276	467103	7.492	ng/u1#	78

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Supervised By :mohammad ahmed 09/19/2023

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 03:18:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

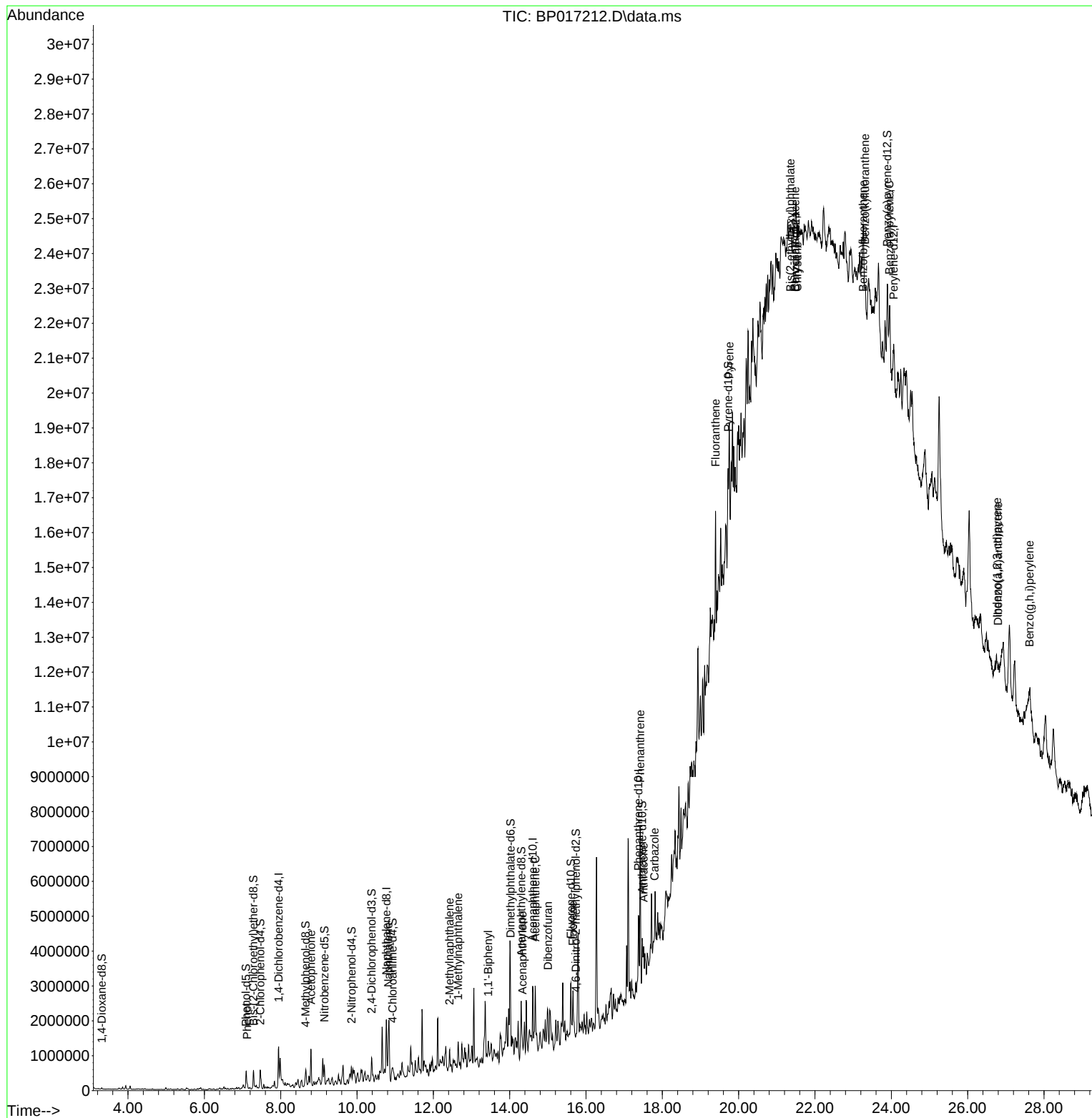
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
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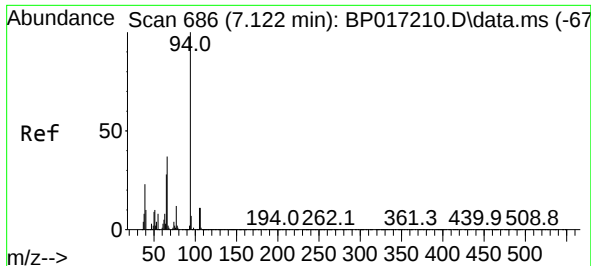
Instrument :
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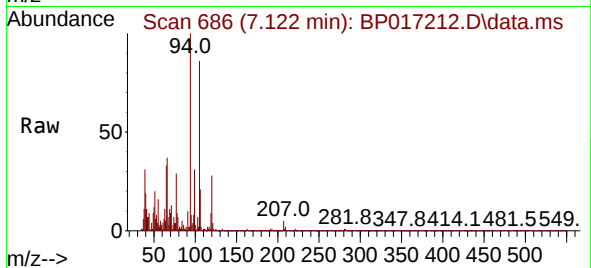
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023





#8
Phenol
Concen: 1.926 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

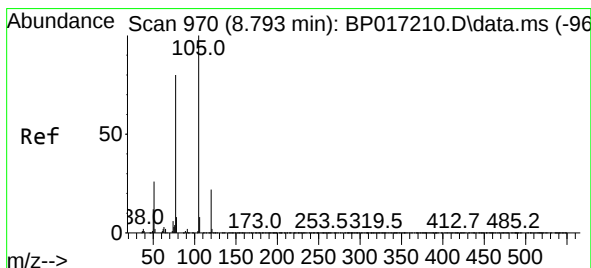
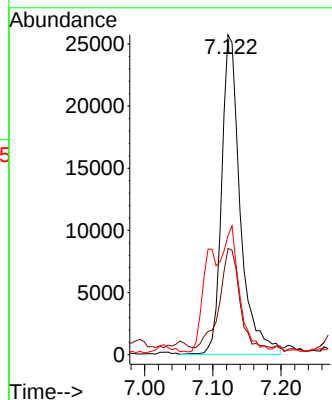
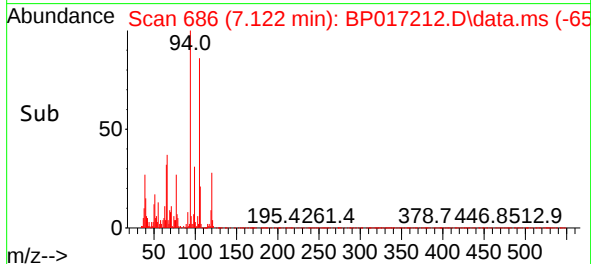
Instrument :
BNA_P
ClientSampleId :
EZYG3



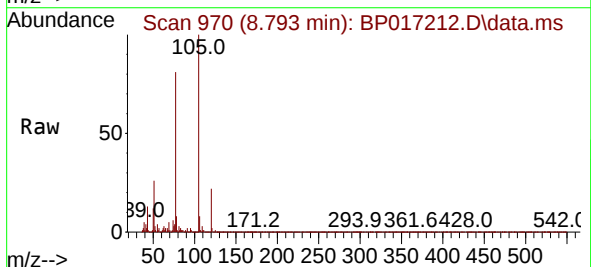
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Ion Ratio Lower Upper
94 100
65 33.2 22.7 34.1
66 37.3 29.6 44.4

Manual Integrations
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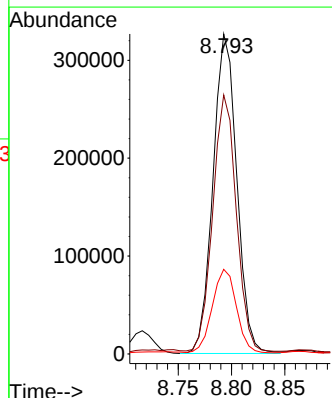
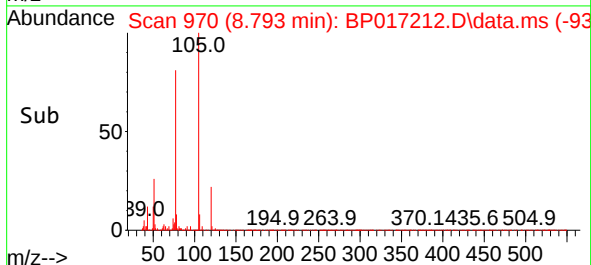
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

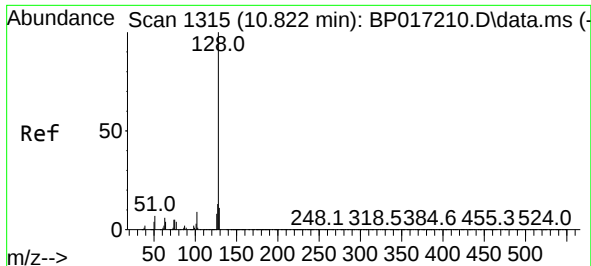


#16
Acetophenone
Concen: 16.250 ng/ul
RT: 8.793 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08



Tgt Ion:105 Resp: 507573
Ion Ratio Lower Upper
105 100
77 80.9 63.0 94.4
51 26.5 20.5 30.7





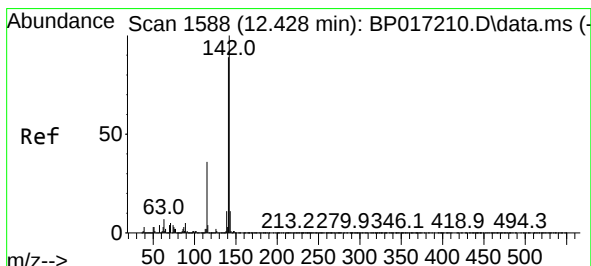
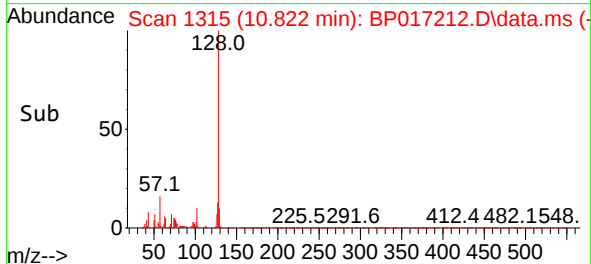
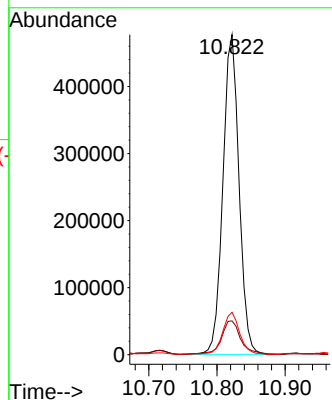
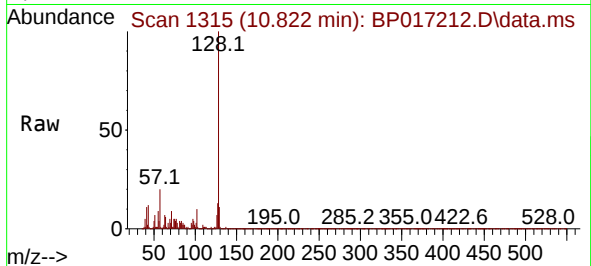
#30
Naphthalene
Concen: 13.601 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Instrument :
BNA_P
ClientSampleId :
EZYG3

Tgt Ion:128 Resp: 78470
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.3 10.4 15.6

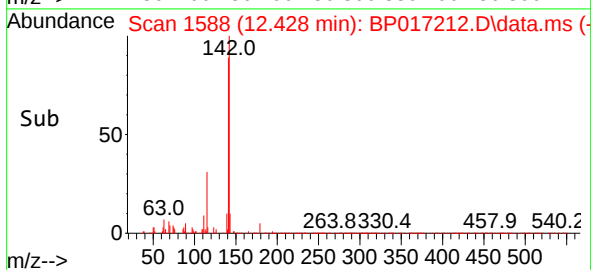
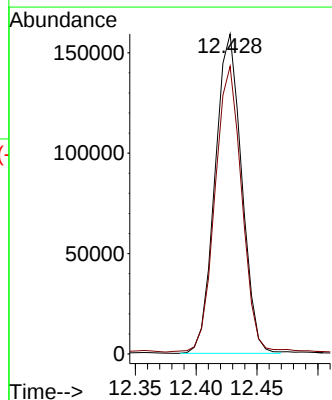
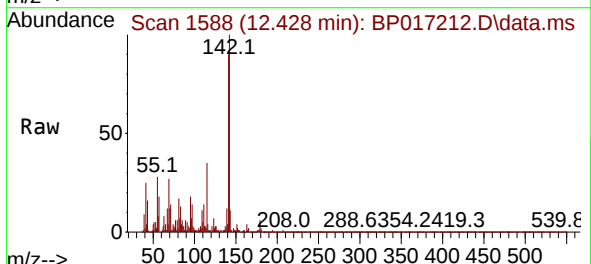
Manual Integrations
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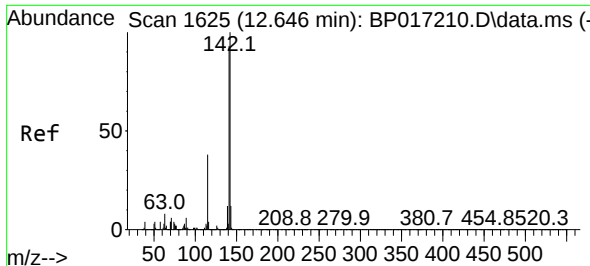
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
2-Methylnaphthalene
Concen: 6.233 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

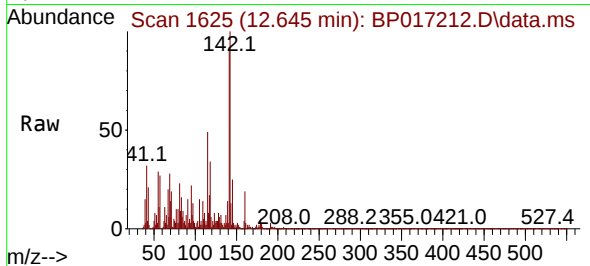
Tgt Ion:142 Resp: 242639
Ion Ratio Lower Upper
142 100
141 89.9 70.1 105.1





#37
1-Methylnaphthalene
Concen: 4.566 ng/ul
RT: 12.645 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

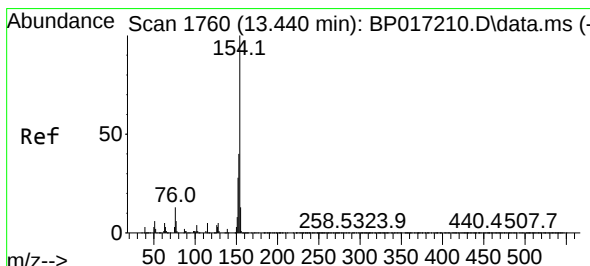
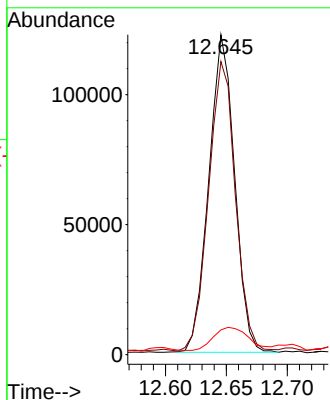
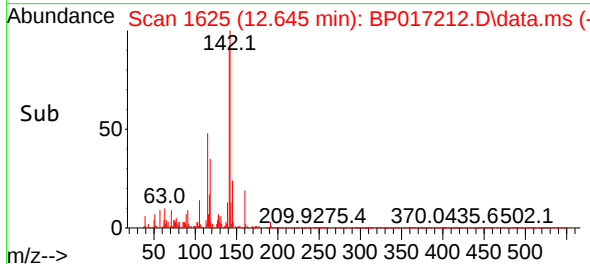
Instrument :
BNA_P
ClientSampleId :
EZYG3



Tgt Ion:142 Resp: 179918
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1
116 7.7 3.1 4.7

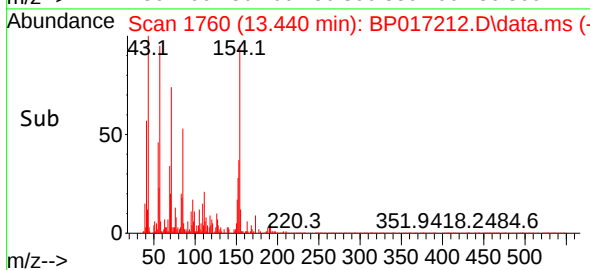
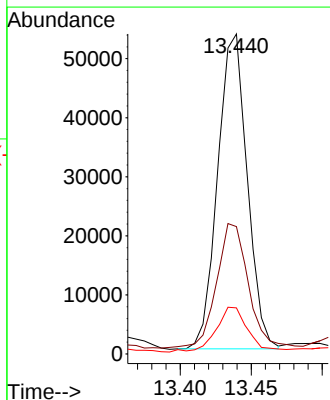
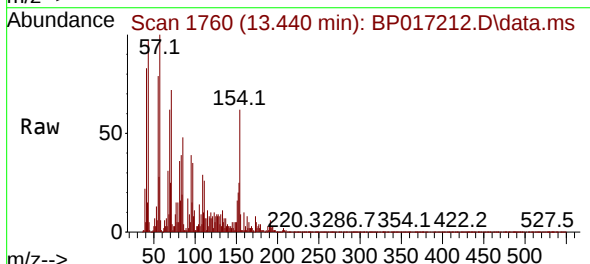
Manual Integrations
APPROVED

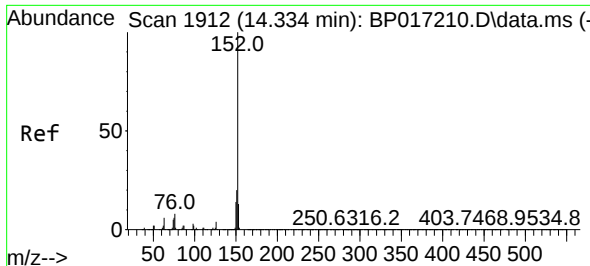
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#43
1,1'-Biphenyl
Concen: 1.861 ng/ul
RT: 13.440 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

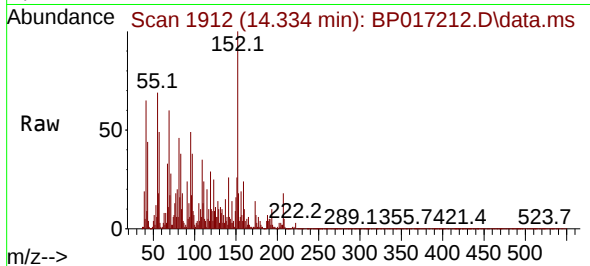
Tgt Ion:154 Resp: 76989
Ion Ratio Lower Upper
154 100
153 39.8 31.8 47.8
76 14.4 10.8 16.2





#50
Acenaphthylene
Concen: 2.230 ng/ul
RT: 14.334 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

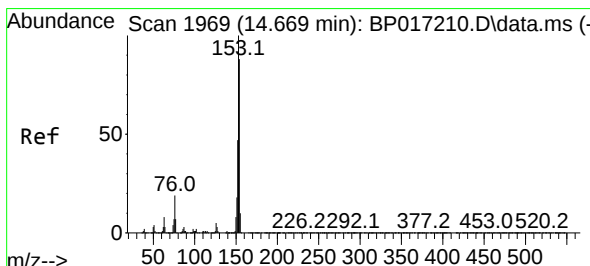
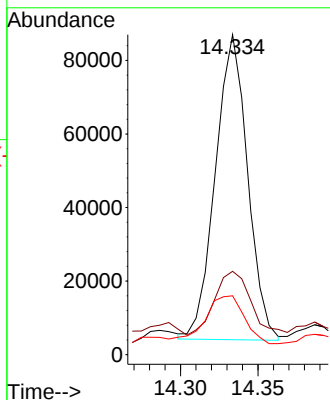
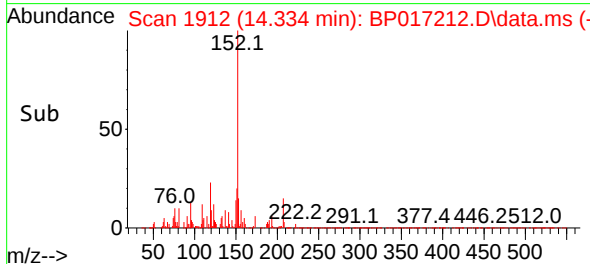
Instrument : BNA_P
ClientSampleId : EYZG3



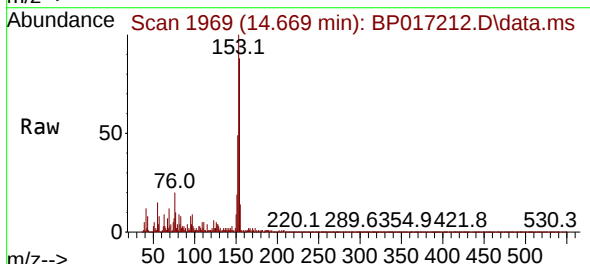
Tgt Ion:152 Resp: 119954
Ion Ratio Lower Upper
152 100
151 26.0 15.8 23.8
153 18.4 10.6 15.8

Manual Integrations
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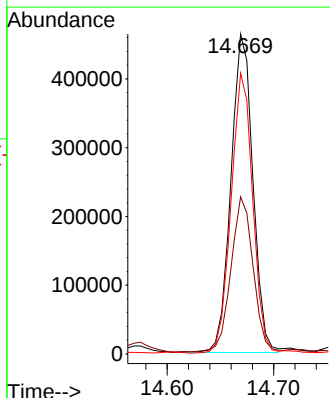
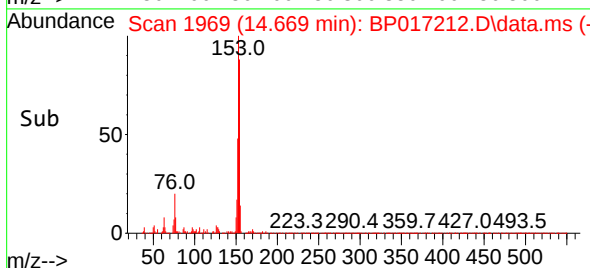
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

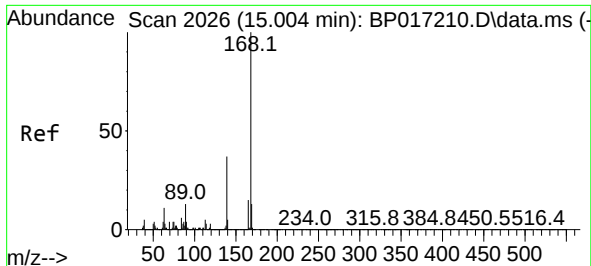


#52
Acenaphthene
Concen: 18.621 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08



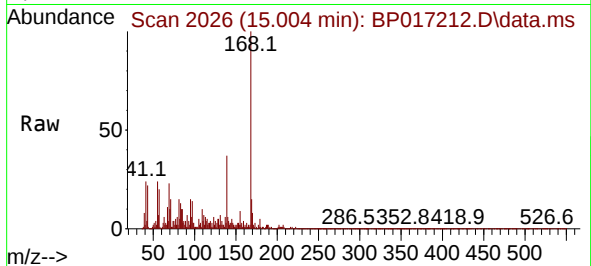
Tgt Ion:153 Resp: 662977
Ion Ratio Lower Upper
153 100
152 49.1 38.6 57.8
154 87.7 70.4 105.6





#56
Dibenzenofuran
Concen: 7.929 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

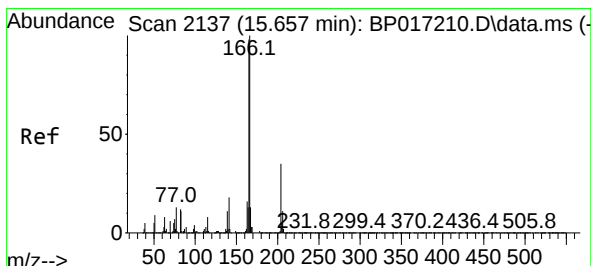
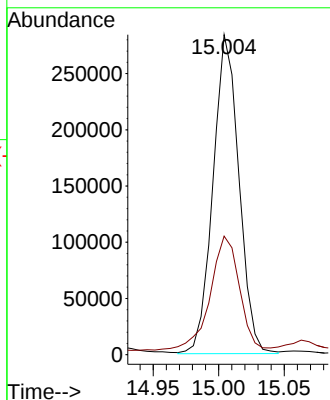
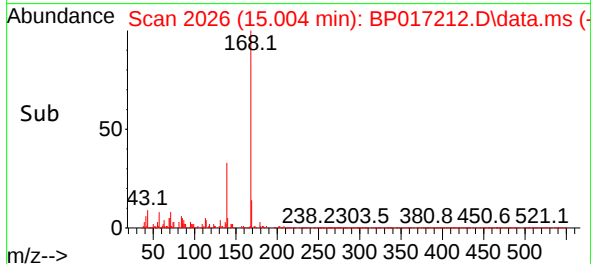
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 39010
Ion Ratio Lower Upper
168 100
139 37.0 29.9 44.9

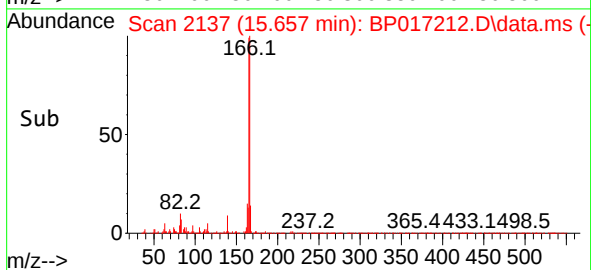
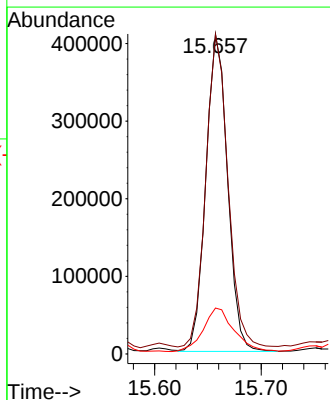
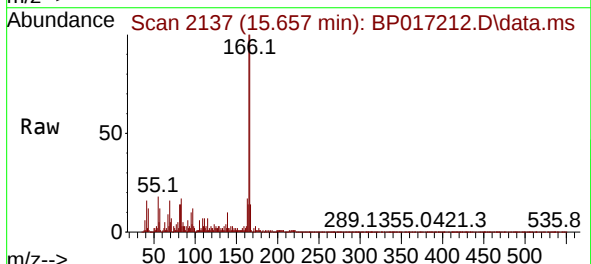
Manual Integrations
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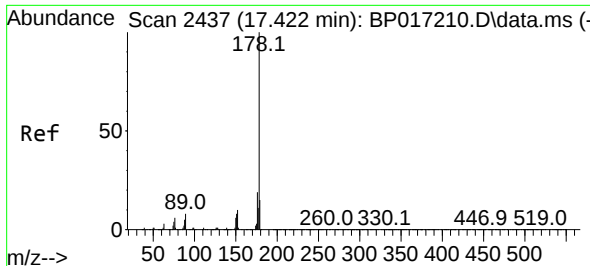
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#61
Fluorene
Concen: 14.203 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

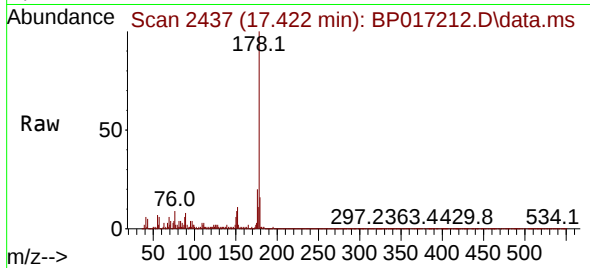
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Ion Ratio Lower Upper
166 100
165 99.9 78.2 117.2
167 14.4 11.0 16.4





#72
Phenanthrene
Concen: 48.767 ng/ul
RT: 17.422 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

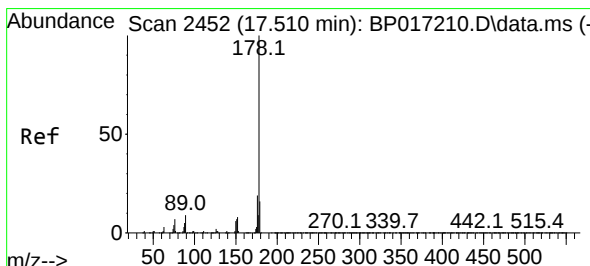
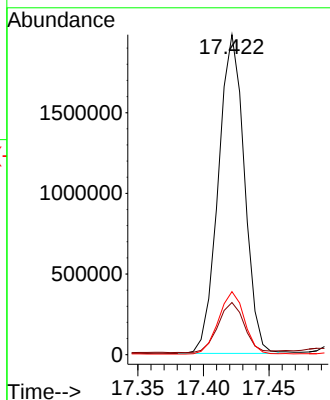
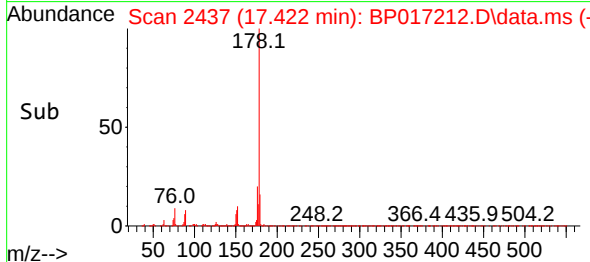
Instrument :
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Tgt Ion:178 Resp: 273218
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 19.7 15.6 23.4

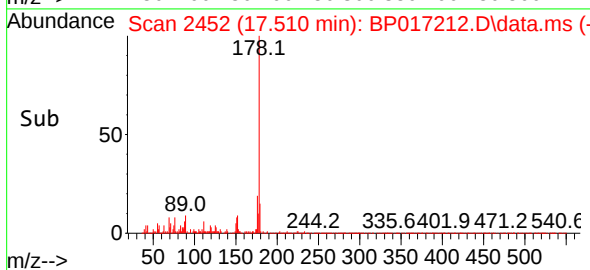
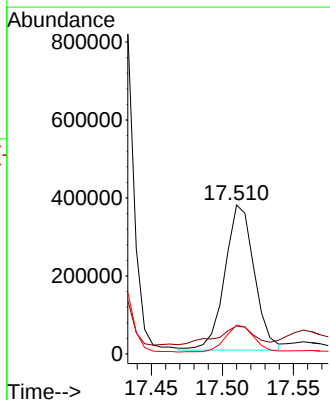
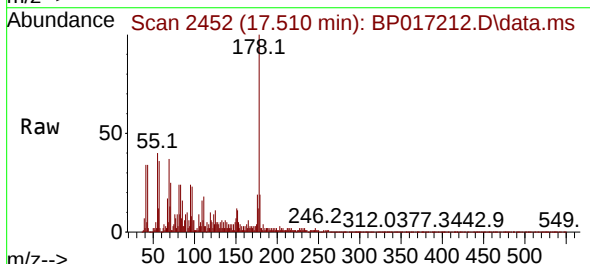
Manual Integrations
APPROVED

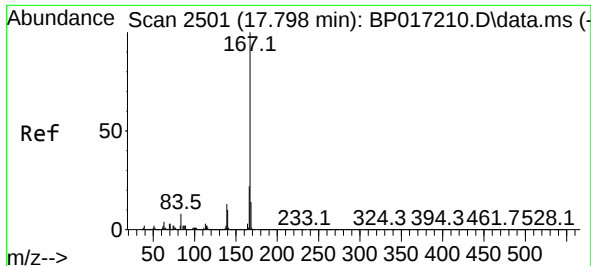
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#74
Anthracene
Concen: 9.462 ng/ul m
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

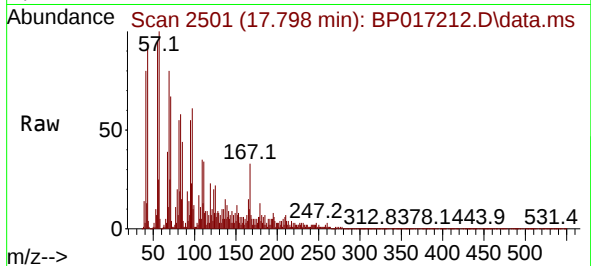
Tgt Ion:178 Resp: 536876
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 19.4 14.9 22.3





#77
 Carbazole
 Concen: 1.870 ng/ul
 RT: 17.798 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BP017212.D
 Acq: 18 Sep 2023 19:08

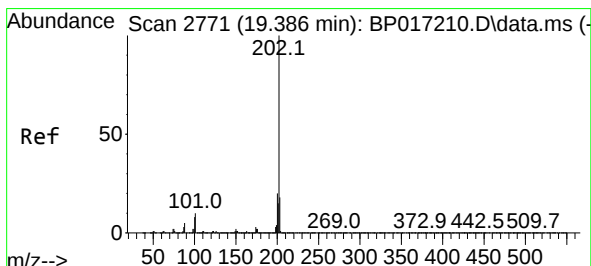
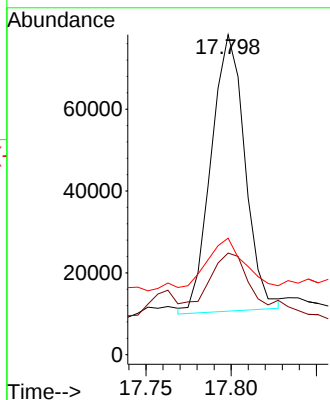
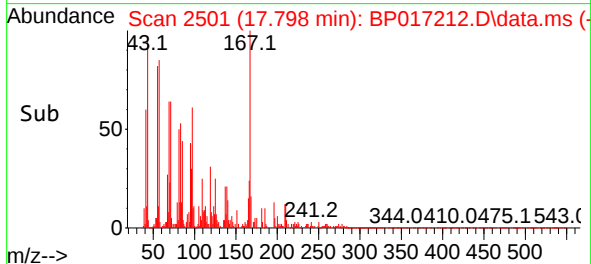
Instrument :
 BNA_P
 ClientSampleId :
 EYZG3



Tgt Ion:167 Resp: 9319
 Ion Ratio Lower Upper
 167 100
 166 31.8 17.0 25.6
 139 36.4 10.4 15.6

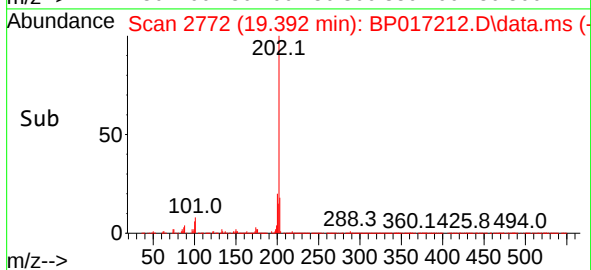
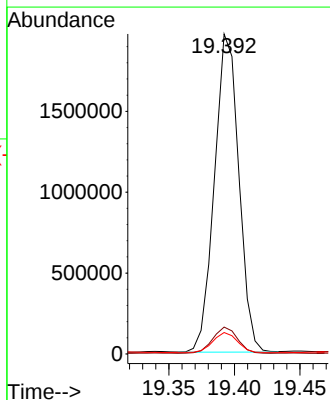
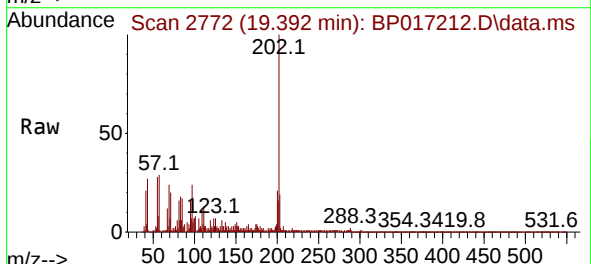
Manual Integrations
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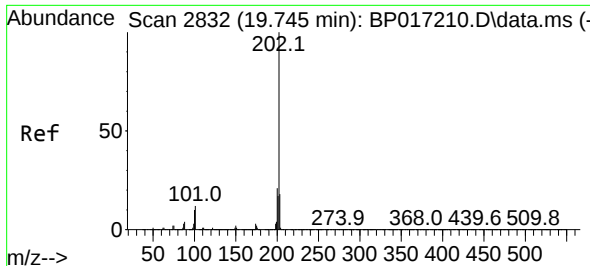
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023



#80
 Fluoranthene
 Concen: 47.471 ng/ul
 RT: 19.392 min Scan# 2772
 Delta R.T. 0.006 min
 Lab File: BP017212.D
 Acq: 18 Sep 2023 19:08

Tgt Ion:202 Resp: 2542767
 Ion Ratio Lower Upper
 202 100
 101 8.4 8.3 12.5
 100 6.7 6.4 9.6





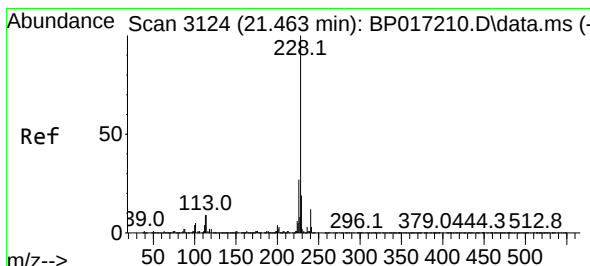
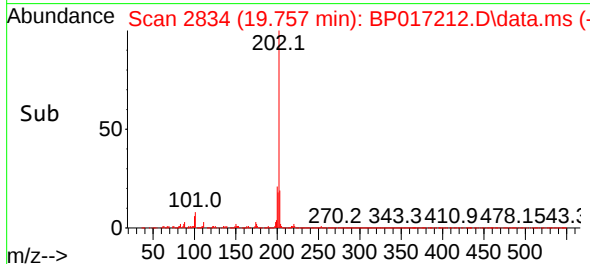
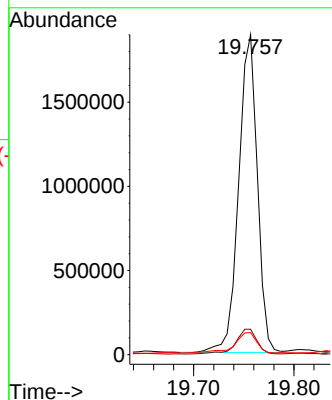
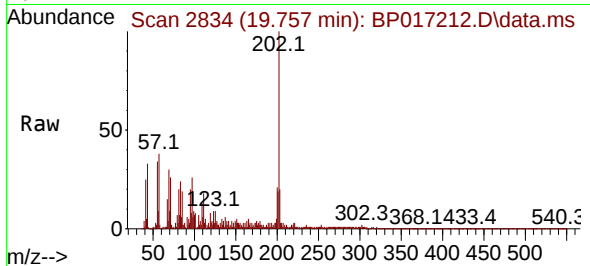
#82
Pyrene
Concen: 43.305 ng/u1
RT: 19.757 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Instrument :
BNA_P
ClientSampleId :
EZYG3

Tgt Ion:202 Resp: 2450959
Ion Ratio Lower Upper
202 100
101 8.0 9.7 14.5
100 6.9 7.8 11.8

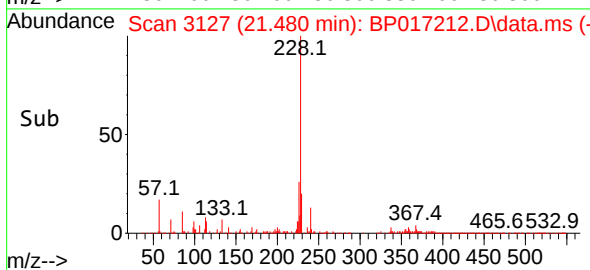
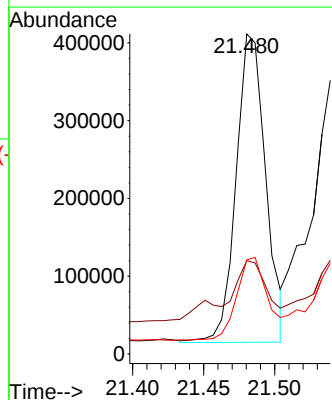
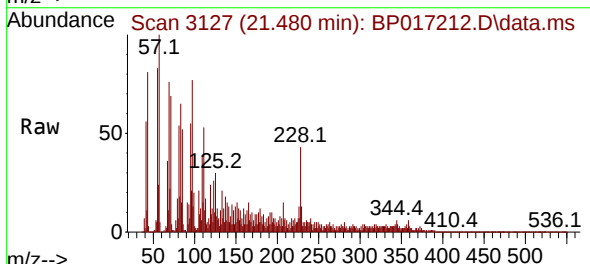
Manual Integrations
APPROVED

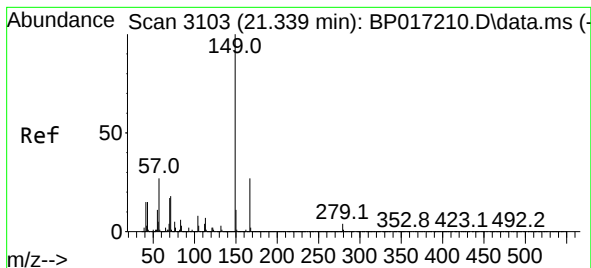
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#85
Benzo(a)anthracene
Concen: 10.046 ng/u1
RT: 21.480 min Scan# 3127
Delta R.T. 0.017 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:228 Resp: 574783
Ion Ratio Lower Upper
228 100
229 29.1 16.1 24.1#
226 29.4 22.2 33.4





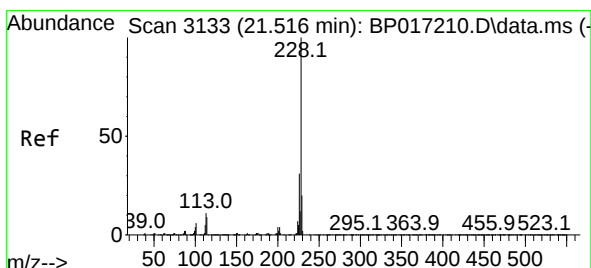
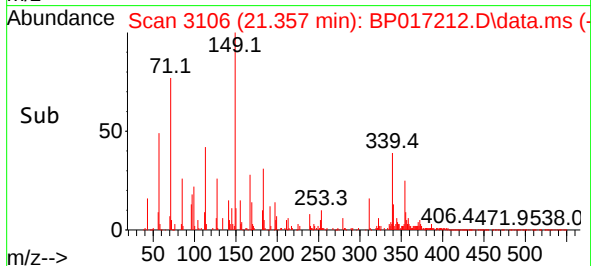
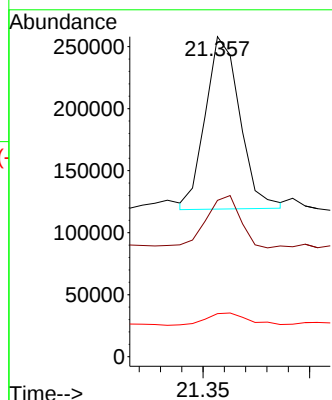
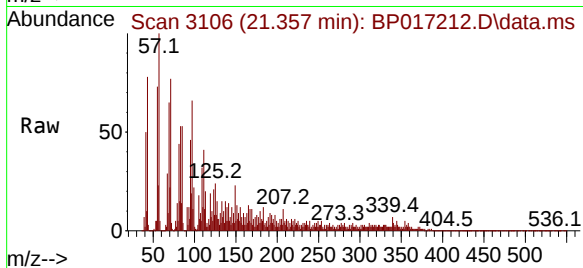
#86
Bis(2-ethylhexyl)phthalate
Concen: 5.523 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Instrument :
BNA_P
ClientSampleId :
EZYG3

Tgt Ion:149 Resp: 156498
Ion Ratio Lower Upper
149 100
167 48.9 21.3 31.9
279 13.5 3.4 5.2

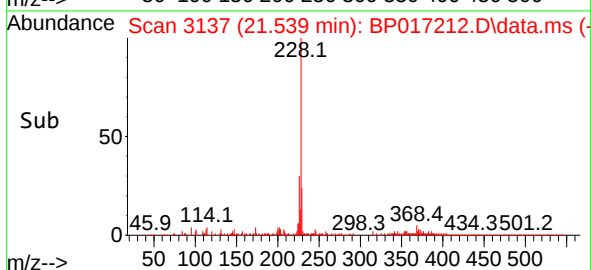
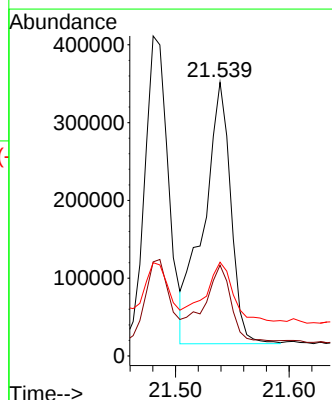
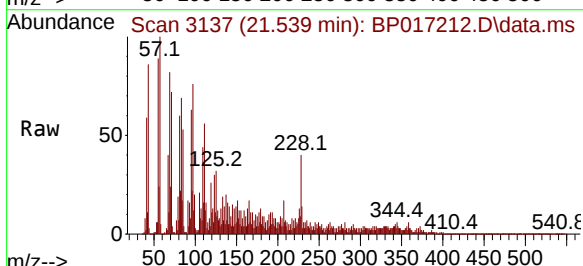
Manual Integrations
APPROVED

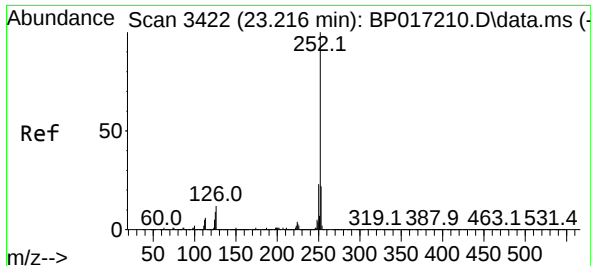
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#87
Chrysene
Concen: 10.472 ng/ul
RT: 21.539 min Scan# 3137
Delta R.T. 0.017 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

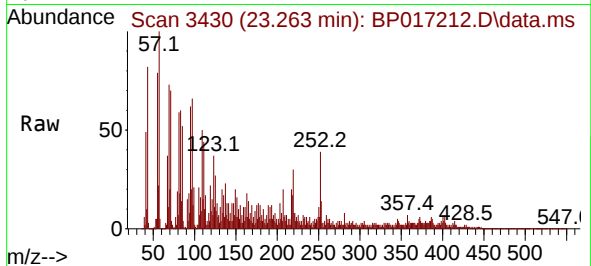
Tgt Ion:228 Resp: 557322
Ion Ratio Lower Upper
228 100
226 33.2 23.9 35.9
229 34.3 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 10.676 ng/ul
RT: 23.263 min Scan# 3422
Delta R.T. 0.047 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

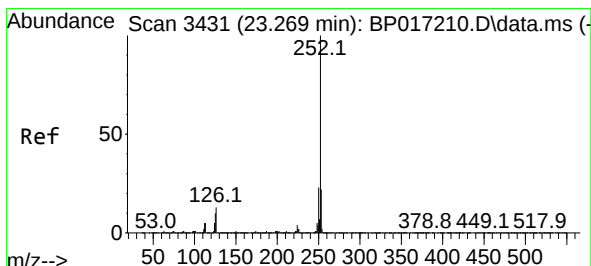
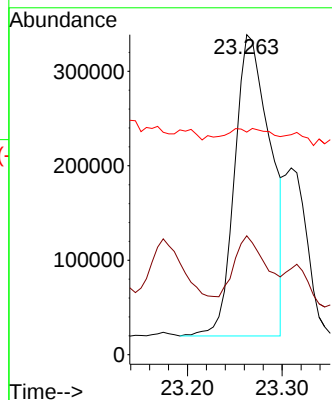
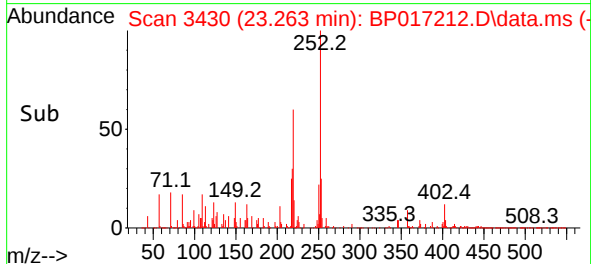
Instrument :
BNA_P
ClientSampleId :
EZYG3



Tgt Ion:252 Resp: 83784
Ion Ratio Lower Upper
252 100
253 37.2 18.2 27.2
125 69.6 7.5 11.3

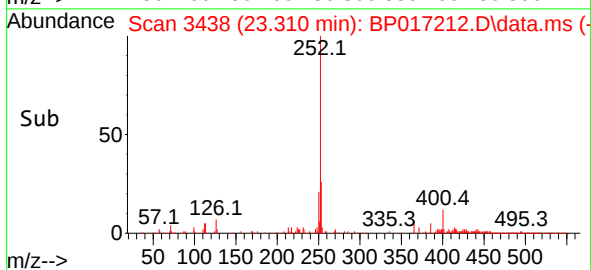
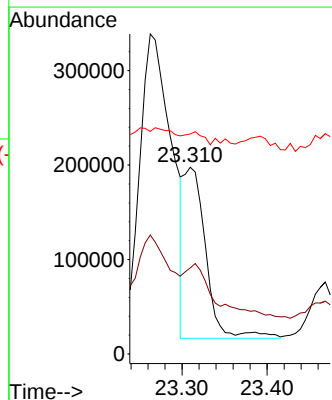
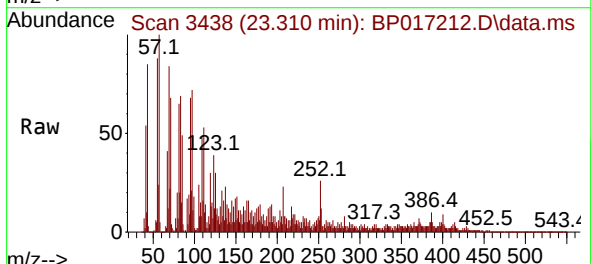
Manual Integrations
APPROVED

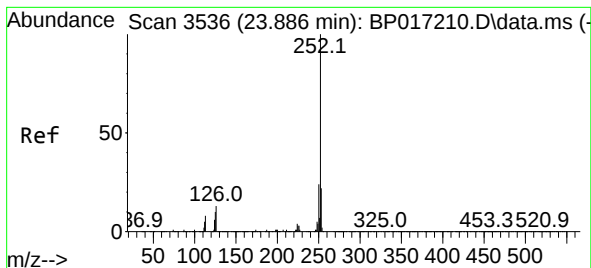
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.148 ng/ul m
RT: 23.310 min Scan# 3438
Delta R.T. 0.041 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:252 Resp: 323604
Ion Ratio Lower Upper
252 100
253 46.1 17.8 26.6#
125 117.9 7.4 11.2#





#93

Benzo(a)pyrene

Concen: 7.826 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. 0.053 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

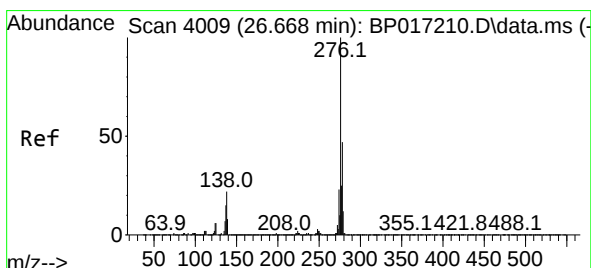
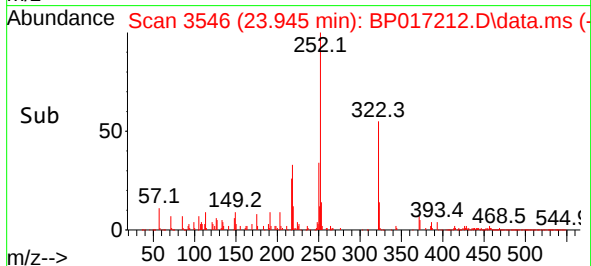
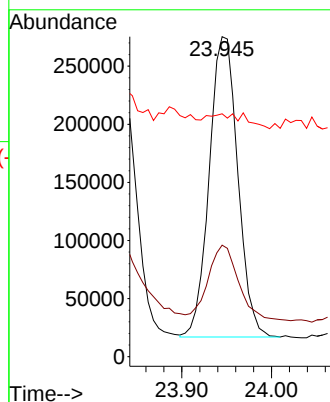
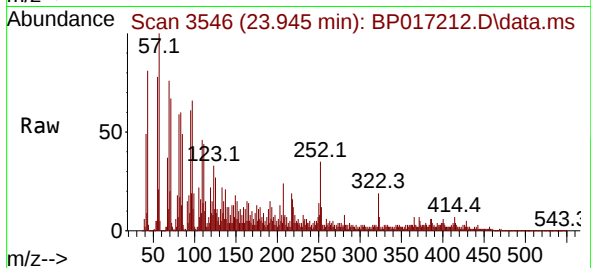
Tgt Ion:252 Resp: 569840
 Ion Ratio Lower Upper
 252 100
 253 34.8 17.4 26.2
 125 75.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.851 ng/ul

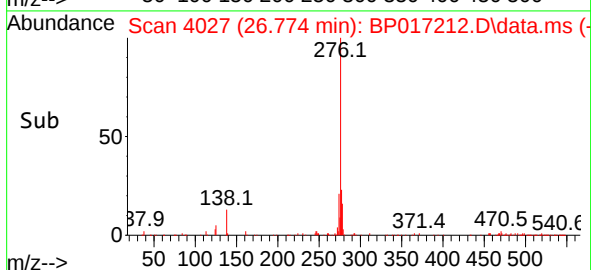
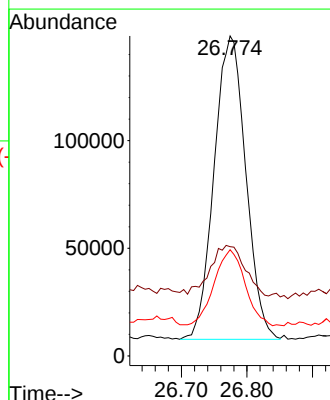
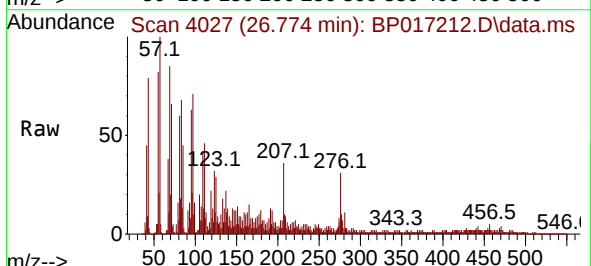
RT: 26.774 min Scan# 4027

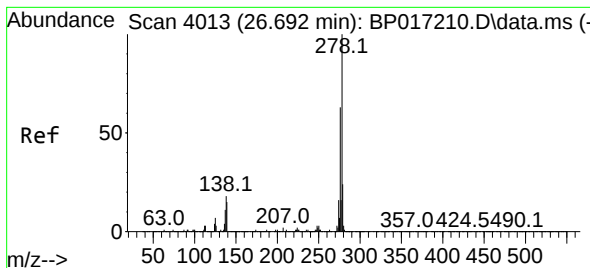
Delta R.T. 0.100 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Tgt Ion:276 Resp: 471760
 Ion Ratio Lower Upper
 276 100
 138 34.2 17.5 26.3#
 277 33.2 19.6 29.4#





#95

Dibenzo(a,h)anthracene

Concen: 1.618 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. 0.100 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNP_P

ClientSampleId :

EZYG3

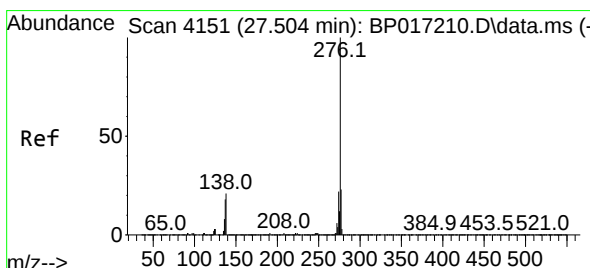
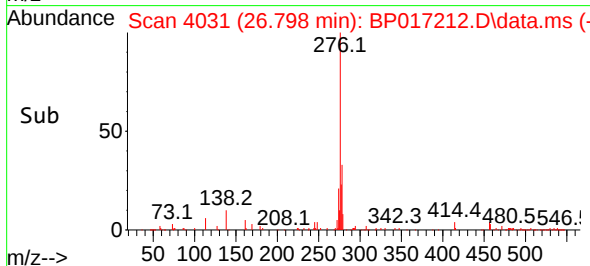
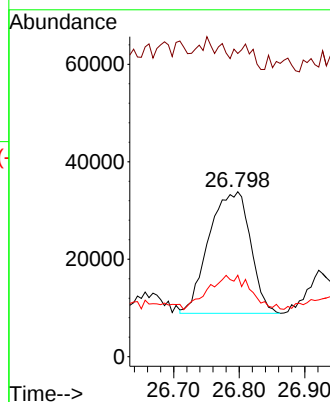
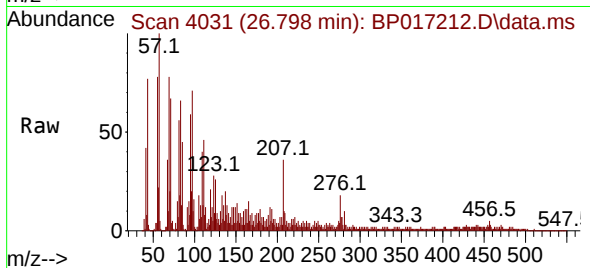
Tgt Ion:	278	Resp:	10961
Ion Ratio	Lower	Upper	
278	100		
139	183.8	11.9	17.9
279	49.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#96

Benzo(g,h,i)perylene

Concen: 7.492 ng/ul

RT: 27.621 min Scan# 4171

Delta R.T. 0.112 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Tgt Ion:	276	Resp:	467103
Ion Ratio	Lower	Upper	
276	100		
138	35.2	16.2	24.4
277	31.7	19.6	29.4

