

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012156.D
 Acq On : 15 Oct 2022 02:09
 Operator : CG/JU
 Sample : N4984-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:36:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	240174	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.645	136	989535	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.492	164	574990	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1251437	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1300781	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1356043	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	9052m	1.486	ng/uL	0.00
4) Pyridine-d5	3.704	84	27354	1.688	ng/ul	0.00
7) Phenol-d5	7.010	99	469464	24.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	273325	24.929	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	372133	24.271	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	356119	24.003	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	170727	24.429	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	169436	23.910	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	317498	23.118	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.792	131	349731	17.281	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	920950	25.290	ng/ul	-0.01
49) Acenaphthylene-d8	14.180	160	1126542	25.018	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.704	143	135311	18.927	ng/ul	0.00
60) Fluorene-d10	15.486	176	884811	26.856	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	43979	6.655	ng/ul	0.00
73) Anthracene-d10	17.351	188	1502819	27.655	ng/ul	0.00
81) Pyrene-d10	19.586	212	1862556	27.950	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1884923	28.594	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.034	94	29369	1.448	ng/ul#	85
18) 4-Methylphenol	8.616	108	45057	2.764	ng/ul	88
30) Naphthalene	10.698	128	64917	1.241	ng/ul	99
50) Acenaphthylene	14.210	152	157262	3.086	ng/ul	99
52) Acenaphthene	14.551	153	66215	1.826	ng/ul	97
61) Fluorene	15.539	166	125946	3.273	ng/ul	98
72) Phenanthrene	17.292	178	593178	8.716	ng/ul	99
74) Anthracene	17.386	178	359692	5.341	ng/ul	100
80) Fluoranthene	19.262	202	3498509	42.844	ng/ul	96
82) Pyrene	19.615	202	2788753	32.272	ng/ul	95
85) Benzo(a)anthracene	21.327	228	1769809	21.615	ng/ul	96
87) Chrysene	21.380	228	1237946	15.707	ng/ul	98
90) Benzo(b)fluoranthene	23.021	252	1632770	19.022	ng/ul#	95
91) Benzo(k)fluoranthene	23.062	252	656878m	7.780	ng/ul	
93) Benzo(a)pyrene	23.650	252	1347114	17.591	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	766614	7.917	ng/ul	99
95) Dibenzo(a,h)anthracene	26.268	278	202945	2.336	ng/ul#	81
96) Benzo(g,h,i)perylene	27.039	276	526639	6.032	ng/ul#	93

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

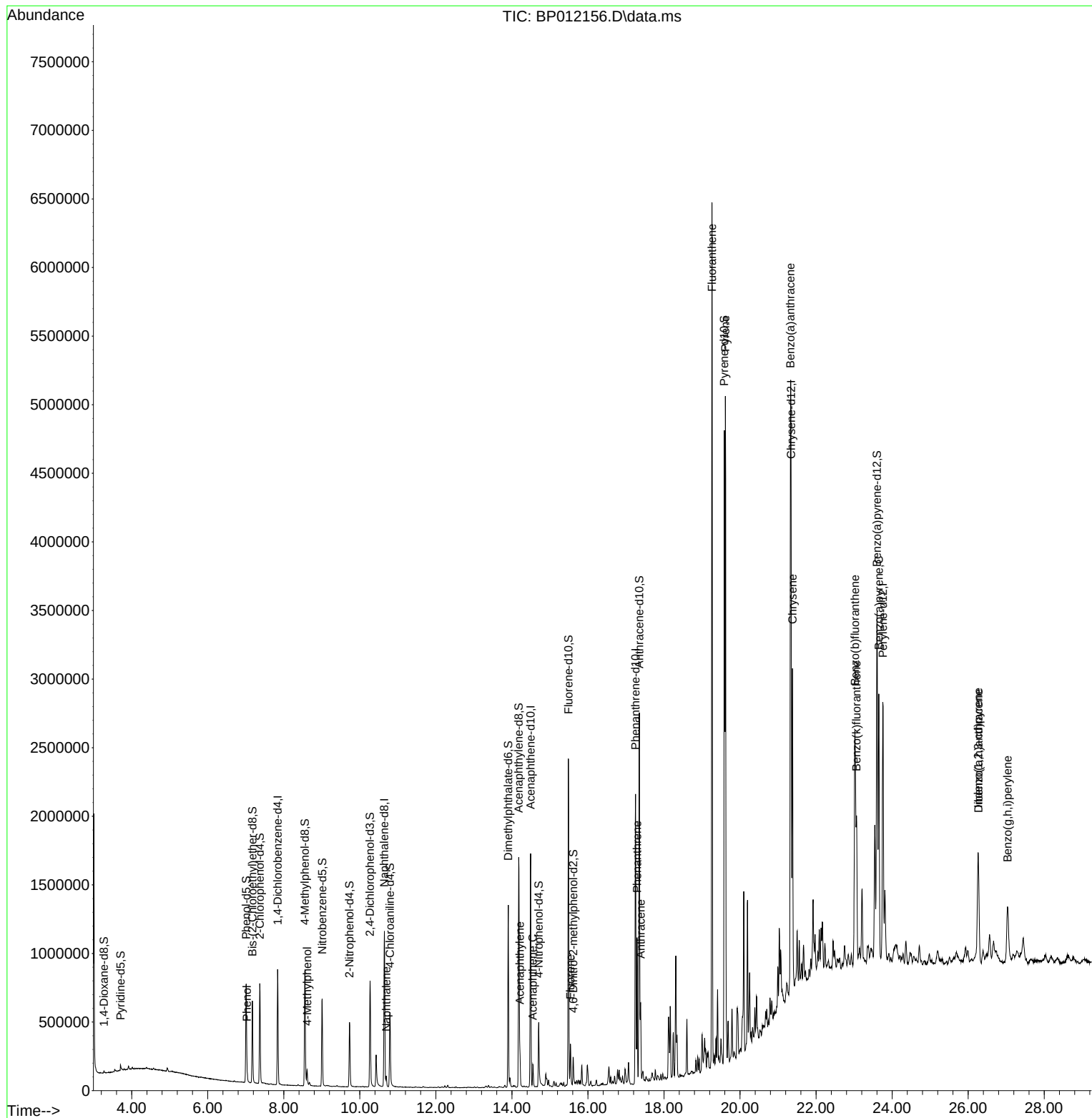
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
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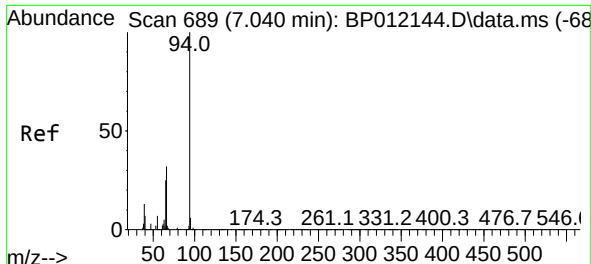
Instrument :
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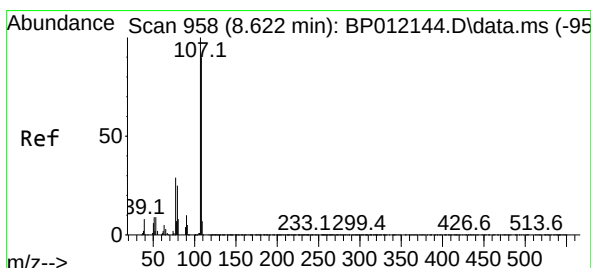
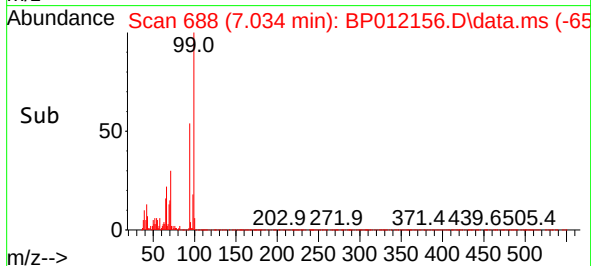
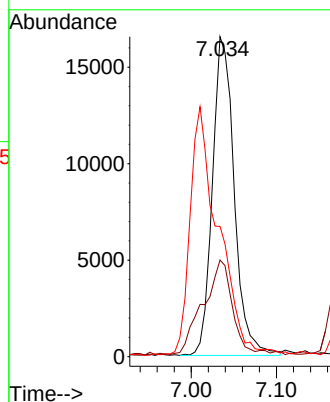
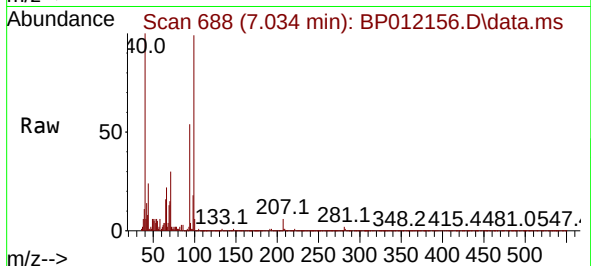
#8
Phenol
Concen: 1.448 ng/ul
RT: 7.034 min Scan# 689
Delta R.T. -0.012 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

Instrument :
BNA_P
ClientSampleId :
BGNB7

Tgt Ion: 94 Resp: 29369
Ion Ratio Lower Upper
94 100
65 30.2 19.4 29.0
66 40.7 24.6 37.0

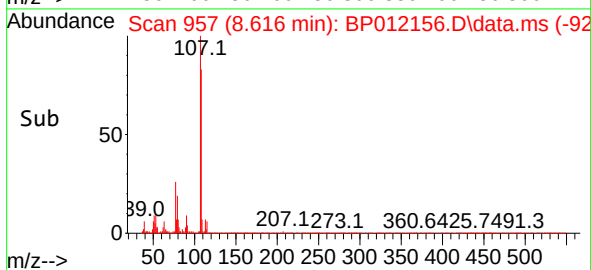
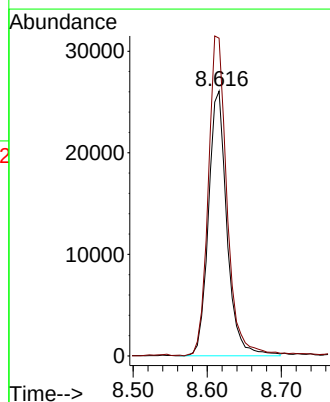
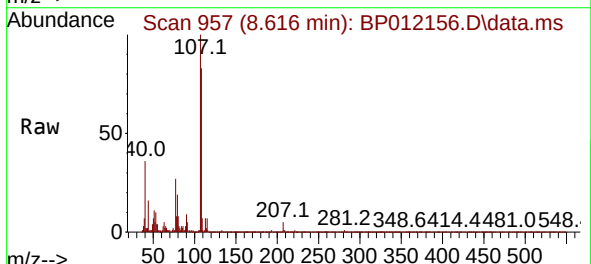
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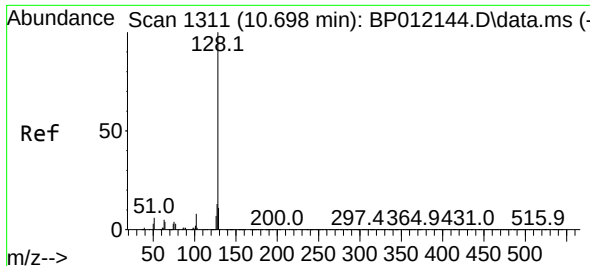
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#18
4-Methylphenol
Concen: 2.764 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

Tgt Ion:108 Resp: 45057
Ion Ratio Lower Upper
108 100
107 120.0 86.3 129.5





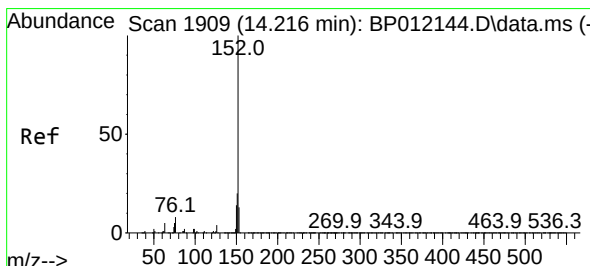
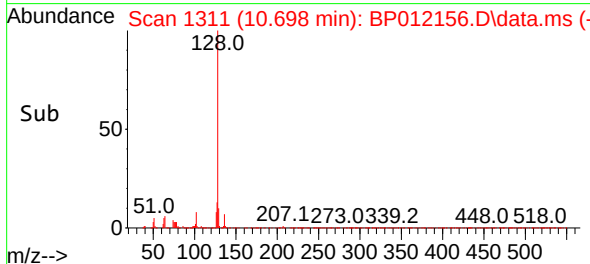
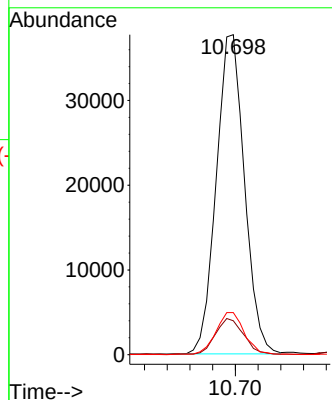
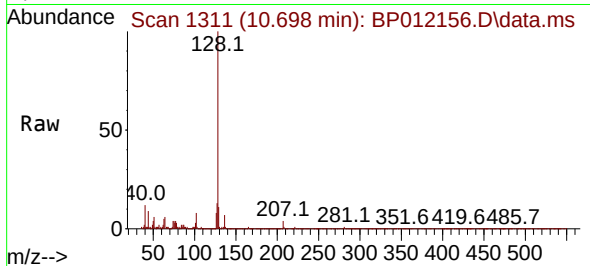
#30
Naphthalene
Concen: 1.241 ng/ul
RT: 10.698 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

Instrument :
BNA_P
ClientSampleId :
BGNB7

Tgt Ion:	128	Resp:	6491
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	13.1	10.2	15.4

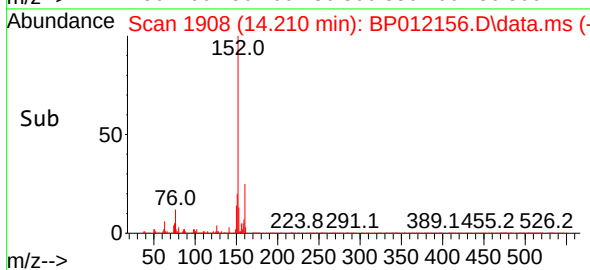
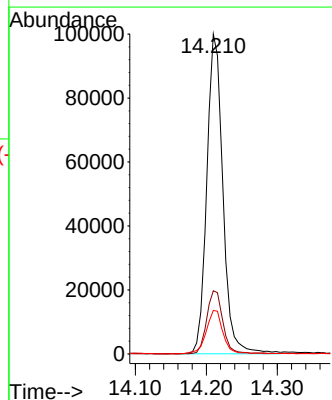
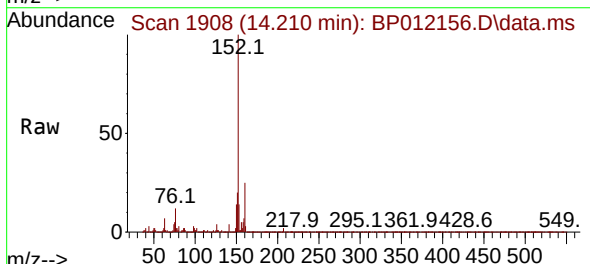
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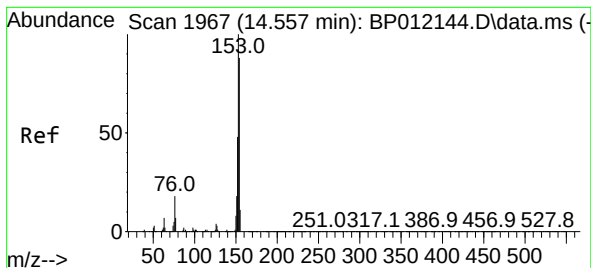
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#50
Acenaphthylene
Concen: 3.086 ng/ul
RT: 14.210 min Scan# 1908
Delta R.T. -0.012 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

Tgt Ion:	152	Resp:	157262
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.7	23.5
153	13.6	10.4	15.6





#52

Acenaphthene

Concen: 1.826 ng/ul

RT: 14.551 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Instrument :

BNA_P

ClientSampleId :

BGNB7

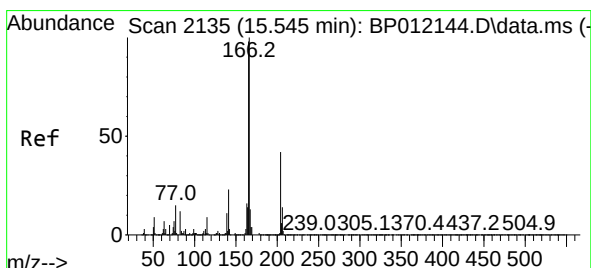
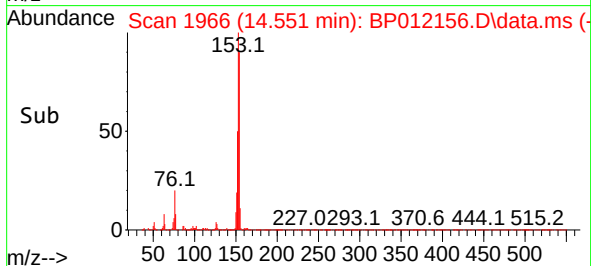
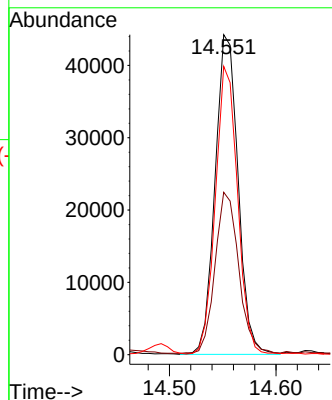
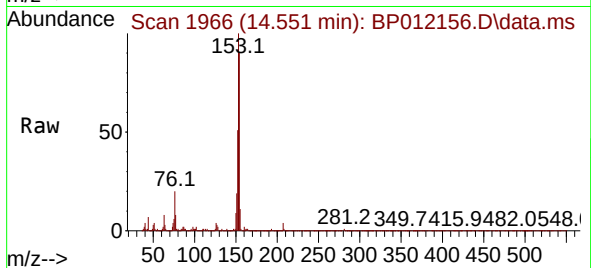
Tgt Ion:153	Resp: 6621
Ion Ratio	Lower Upper
153 100	
152 50.7	38.2 57.2
154 90.1	70.6 105.8

Manual Integrations

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Supervised By :mohammad ahmed 10/16/2022



#61

Fluorene

Concen: 3.273 ng/ul

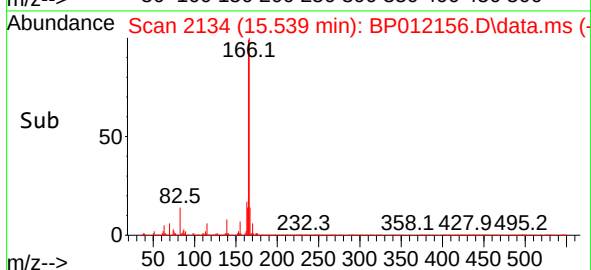
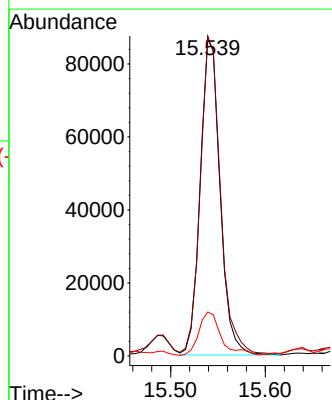
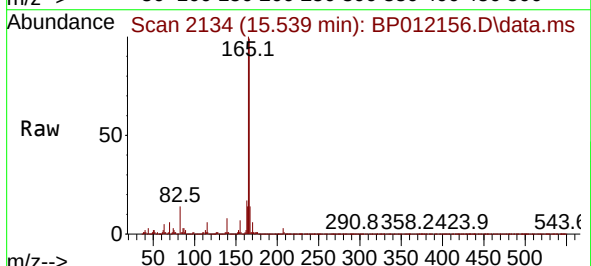
RT: 15.539 min Scan# 2134

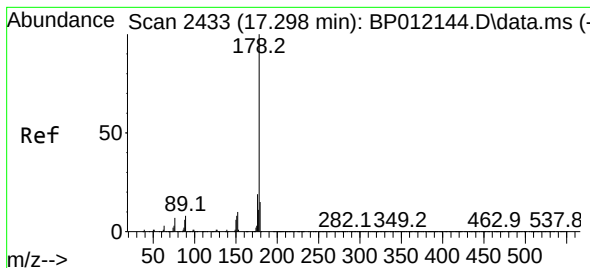
Delta R.T. -0.012 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Tgt Ion:166	Resp: 125946
Ion Ratio	Lower Upper
166 100	
165 101.1	79.5 119.3
167 13.8	10.9 16.3





#72

Phenanthrene

Concen: 8.716 ng/ul

RT: 17.292 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Instrument :

BNA_P

ClientSampleId :

BGNB7

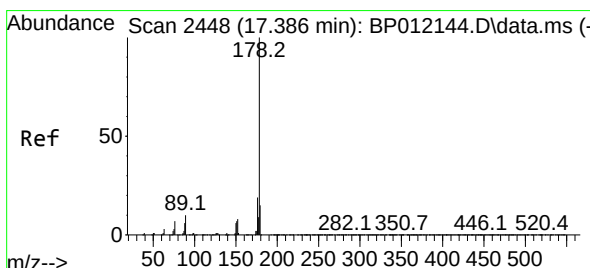
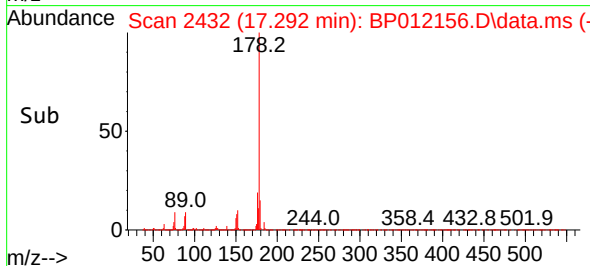
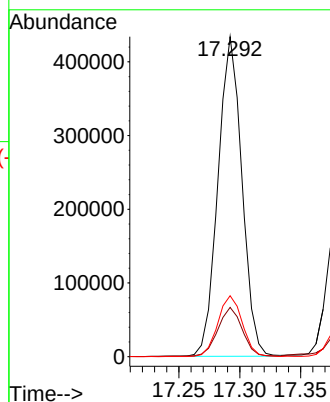
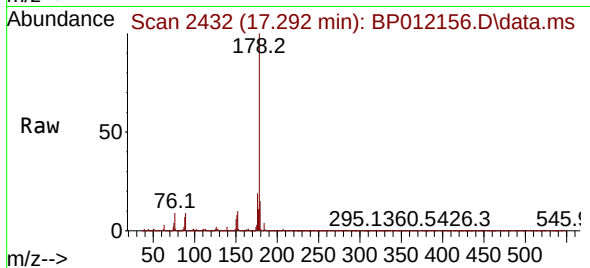
Tgt Ion:178	Resp: 593178
Ion Ratio	Lower Upper
178 100	
179 15.4	12.2 18.4
176 19.0	15.8 23.6

Manual Integrations

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#74

Anthracene

Concen: 5.341 ng/ul

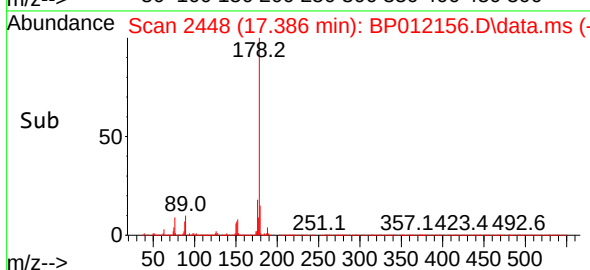
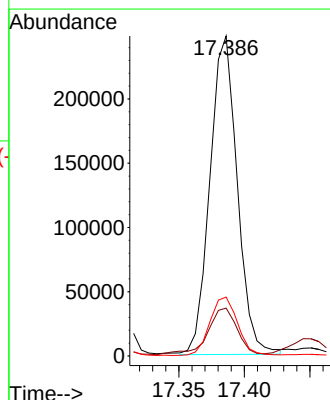
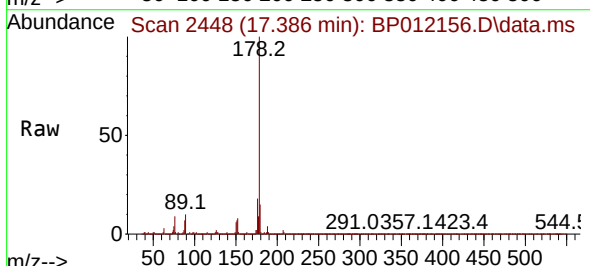
RT: 17.386 min Scan# 2448

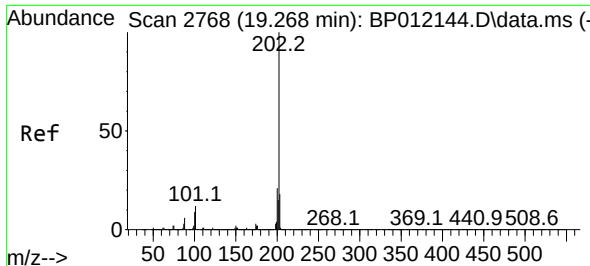
Delta R.T. -0.006 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

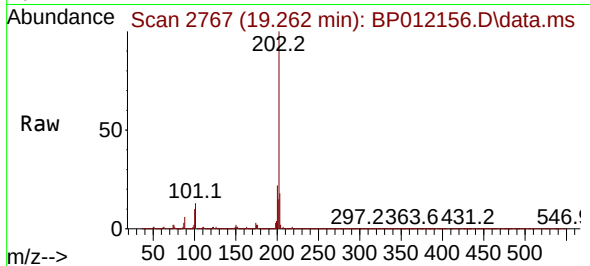
Tgt Ion:178	Resp: 359692
Ion Ratio	Lower Upper
178 100	
179 14.9	12.2 18.4
176 18.4	14.8 22.2





#80
Fluoranthene
Concen: 42.844 ng/ul
RT: 19.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

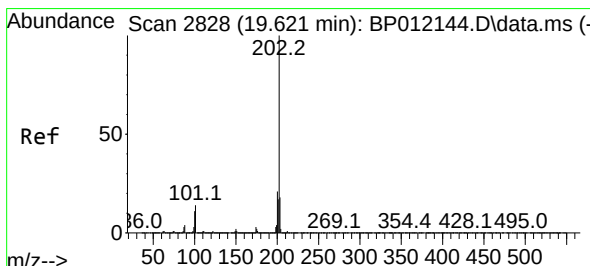
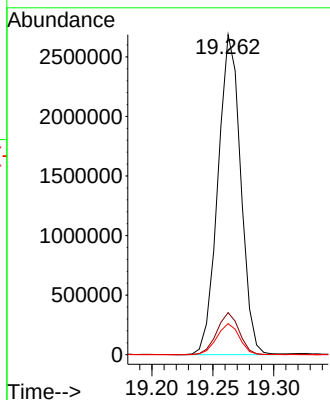
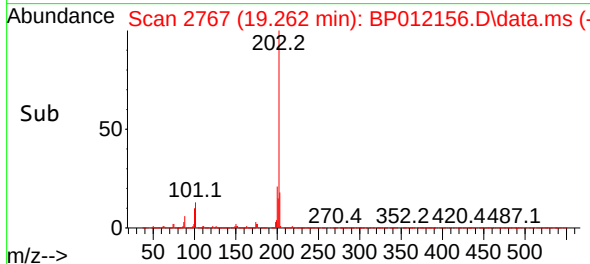
Instrument :
BNA_P
ClientSampleId :
BGNB7



Tgt Ion:202 Resp: 3498509
Ion Ratio Lower Upper
202 100
101 13.2 9.0 13.6
100 9.7 7.0 10.6

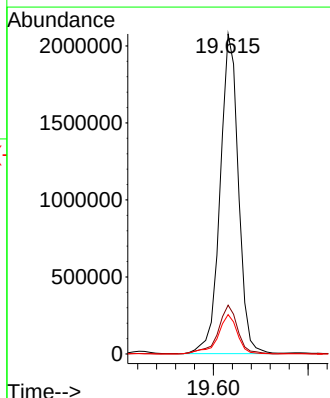
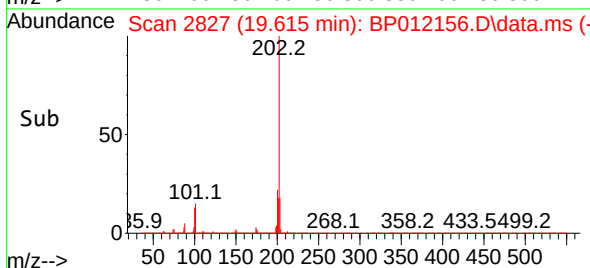
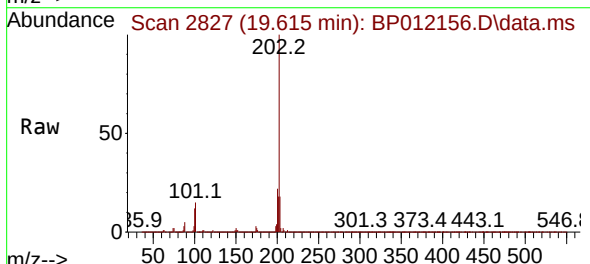
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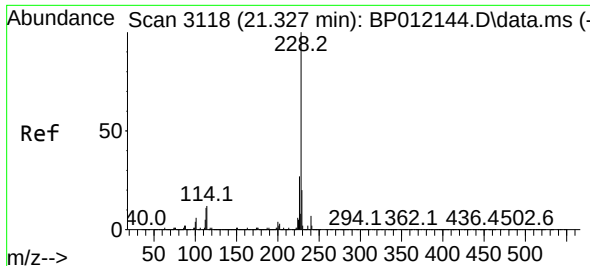
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 32.272 ng/ul
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

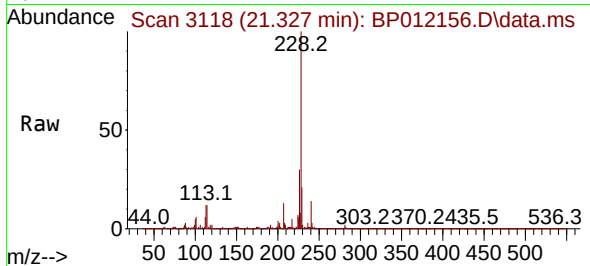
Tgt Ion:202 Resp: 2788753
Ion Ratio Lower Upper
202 100
101 15.2 10.4 15.6
100 12.3 8.5 12.7





#85
Benzo(a)anthracene
Concen: 21.615 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

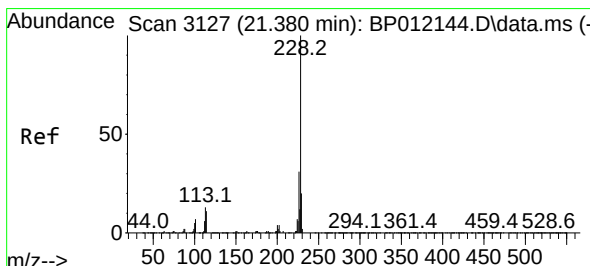
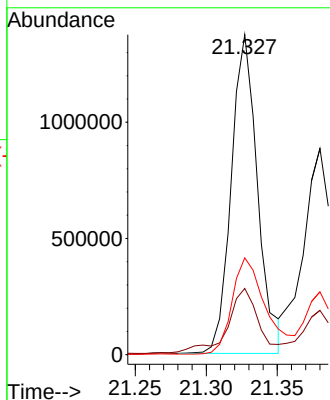
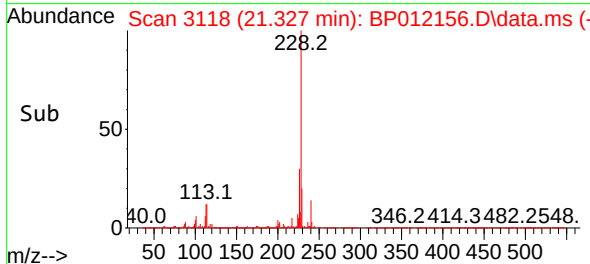
Instrument :
BNA_P
ClientSampleId :
BGNB7



Tgt Ion:228 Resp: 1769809
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 30.2 21.9 32.9

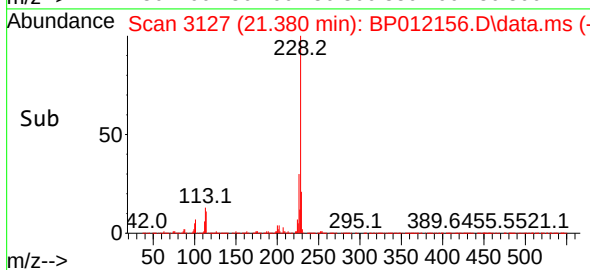
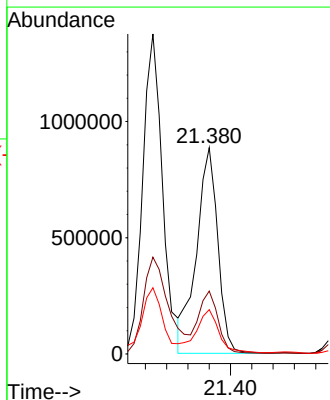
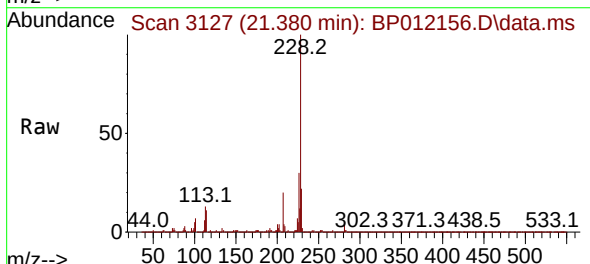
Manual Integrations
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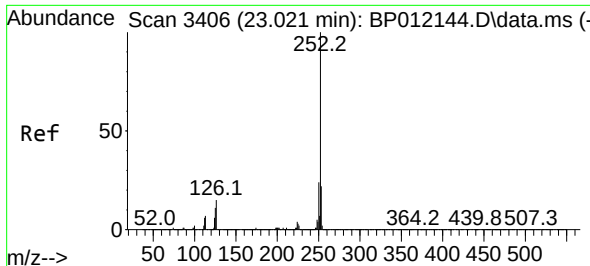
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#87
Chrysene
Concen: 15.707 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

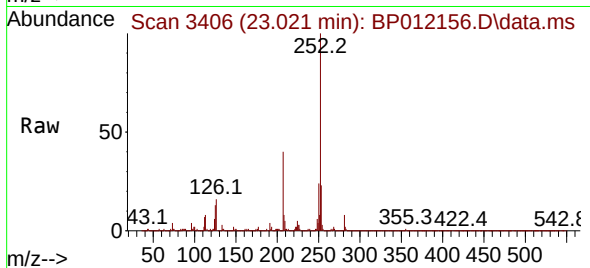
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Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 19.022 ng/ul
RT: 23.021 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

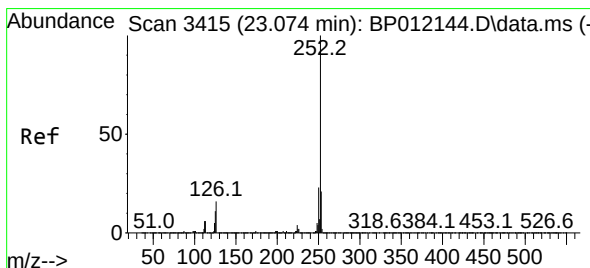
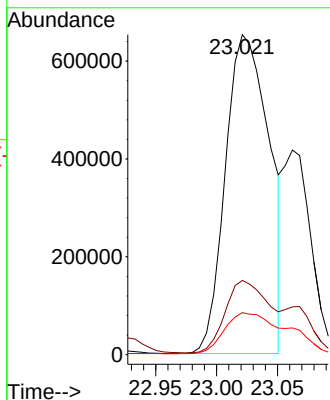
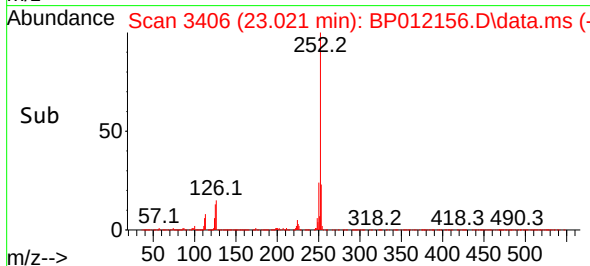
Instrument :
BNA_P
ClientSampleId :
BGNB7



Tgt Ion:252 Resp: 1632770
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 13.2 7.8 11.8

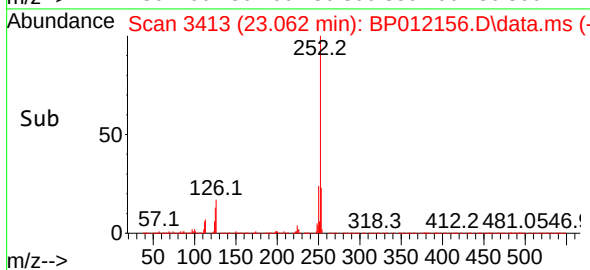
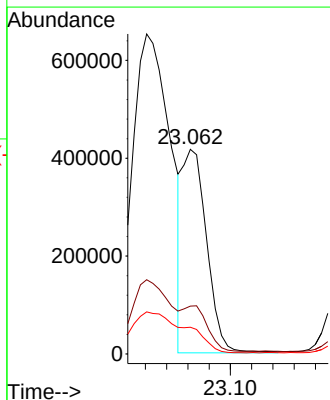
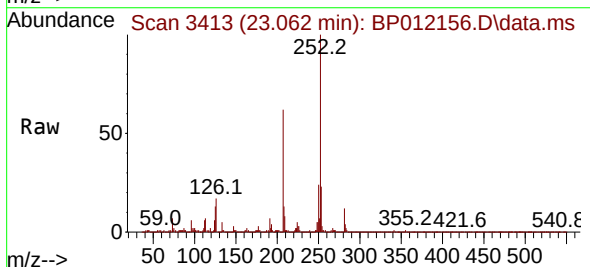
Manual Integrations
APPROVED

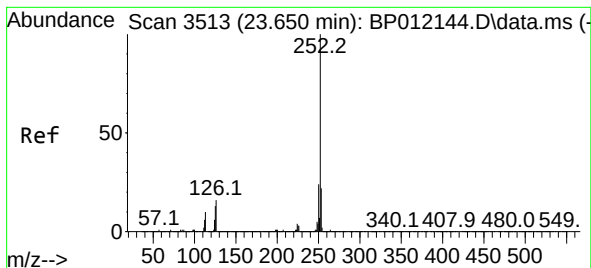
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#91
Benzo(k)fluoranthene
Concen: 7.780 ng/ul m
RT: 23.062 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP012156.D
Acq: 15 Oct 2022 02:09

Tgt Ion:252 Resp: 656878
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 13.1 8.2 12.2





#93

Benzo(a)pyrene

Concen: 17.591 ng/ul

RT: 23.650 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Instrument :

BNA_P

ClientSampleId :

BGNB7

Tgt Ion:252 Resp: 1347114

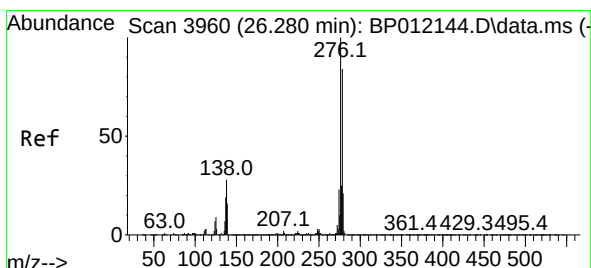
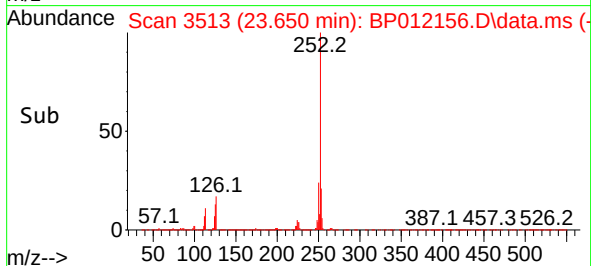
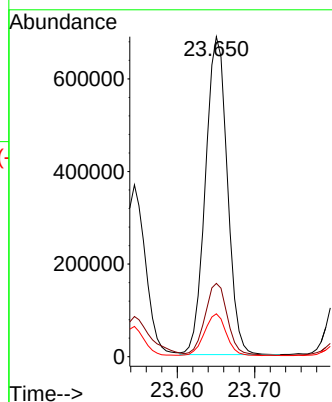
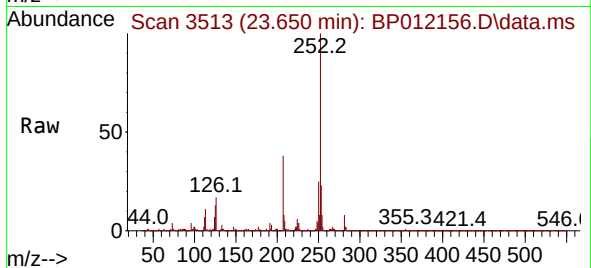
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	13.4	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.917 ng/ul

RT: 26.262 min Scan# 3957

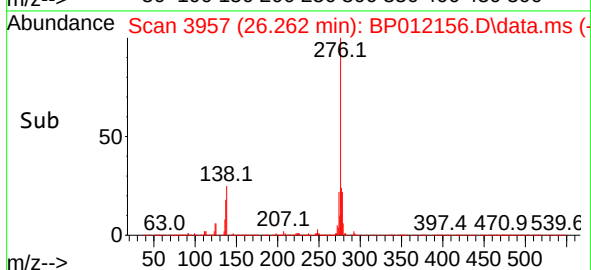
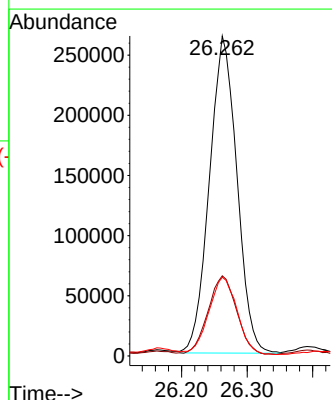
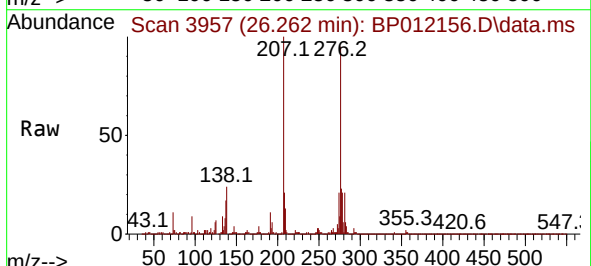
Delta R.T. -0.018 min

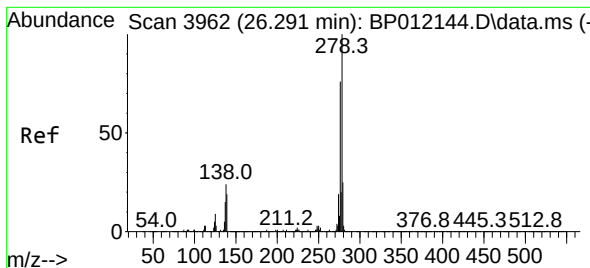
Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Tgt Ion:276 Resp: 766614

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.1	28.7
277	24.6	19.9	29.9





#95

Dibenzo(a,h)anthracene

Concen: 2.336 ng/ul

RT: 26.268 min Scan# 3958

Delta R.T. -0.030 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Instrument :

BNA_P

ClientSampleId :

BGNB7

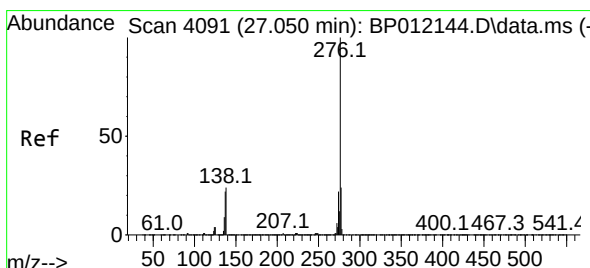
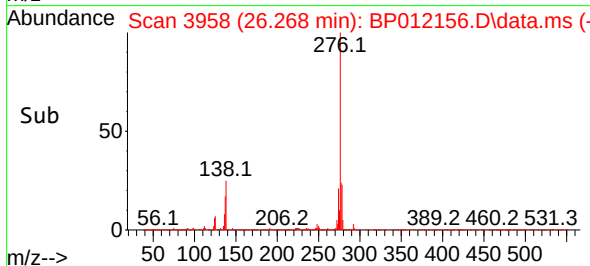
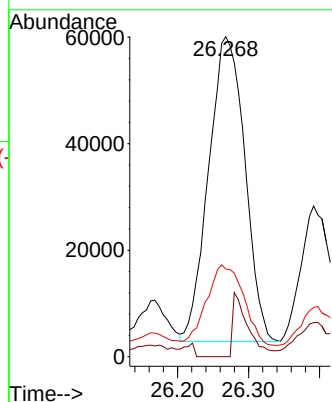
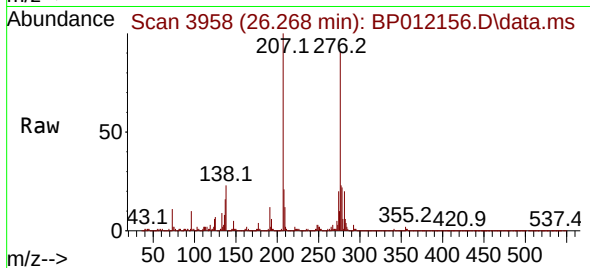
Tgt Ion:	278	Resp:	20294
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.5	18.7
279	27.4	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#96

Benzo(g,h,i)perylene

Concen: 6.032 ng/ul

RT: 27.039 min Scan# 4089

Delta R.T. -0.018 min

Lab File: BP012156.D

Acq: 15 Oct 2022 02:09

Tgt Ion:	276	Resp:	526639
Ion Ratio	Lower	Upper	
276	100		
138	26.4	16.5	24.7
277	24.8	19.0	28.4

