

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012155.D
 Acq On : 15 Oct 2022 01:35
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNM2

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:27:55 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	242908	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	984707	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.492	164	536703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1152809	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1264998	20.000	ng/ul	# 0.00
88) Perylene-d12	23.757	264	1366933	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14352m	2.329	ng/uL	0.00
4) Pyridine-d5	3.699	84	62737	3.829	ng/ul	0.00
7) Phenol-d5	7.011	99	636037	32.557	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	399441	36.021	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	527560	34.020	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	464361	30.946	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	247658	35.611	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	253692	35.976	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	443658	32.463	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	495388	24.598	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	1214208	35.722	ng/ul	-0.01
49) Acenaphthylene-d8	14.181	160	1531274	36.432	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.704	143	172310	25.822	ng/ul	0.00
60) Fluorene-d10	15.487	176	1131200	36.784	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	85047	13.971	ng/ul	0.00
73) Anthracene-d10	17.351	188	1833966	36.636	ng/ul	0.00
81) Pyrene-d10	19.586	212	2298938	35.474	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	2472018	37.201	ng/ul	-0.01
Target Compounds					Qvalue	
8) Phenol	7.034	94	30432	1.484	ng/ul#	86
30) Naphthalene	10.693	128	90208	1.734	ng/ul	98
36) 2-Methylnaphthalene	12.310	142	59570	1.778	ng/ul	96
37) 1-Methylnaphthalene	12.528	142	47715	1.422	ng/ul	98
56) Dibenzofuran	14.892	168	59341	1.297	ng/ul	96
72) Phenanthrene	17.292	178	587111	9.365	ng/ul	100
74) Anthracene	17.386	178	97490	1.571	ng/ul	98
77) Carbazole	17.663	167	66028	1.193	ng/ul	97
80) Fluoranthene	19.263	202	724718	9.126	ng/ul	96
82) Pyrene	19.616	202	621519	7.396	ng/ul	95
85) Benzo(a)anthracene	21.327	228	347200	4.360	ng/ul	97
87) Chrysene	21.380	228	344687	4.497	ng/ul	97
90) Benzo(b)fluoranthene	23.016	252	465657	5.382	ng/ul#	95
91) Benzo(k)fluoranthene	23.063	252	154810	1.819	ng/ul#	94
93) Benzo(a)pyrene	23.645	252	325704	4.219	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.262	276	228377	2.340	ng/ul	98
96) Benzo(g,h,i)perylene	27.033	276	174495	1.983	ng/ul#	94

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

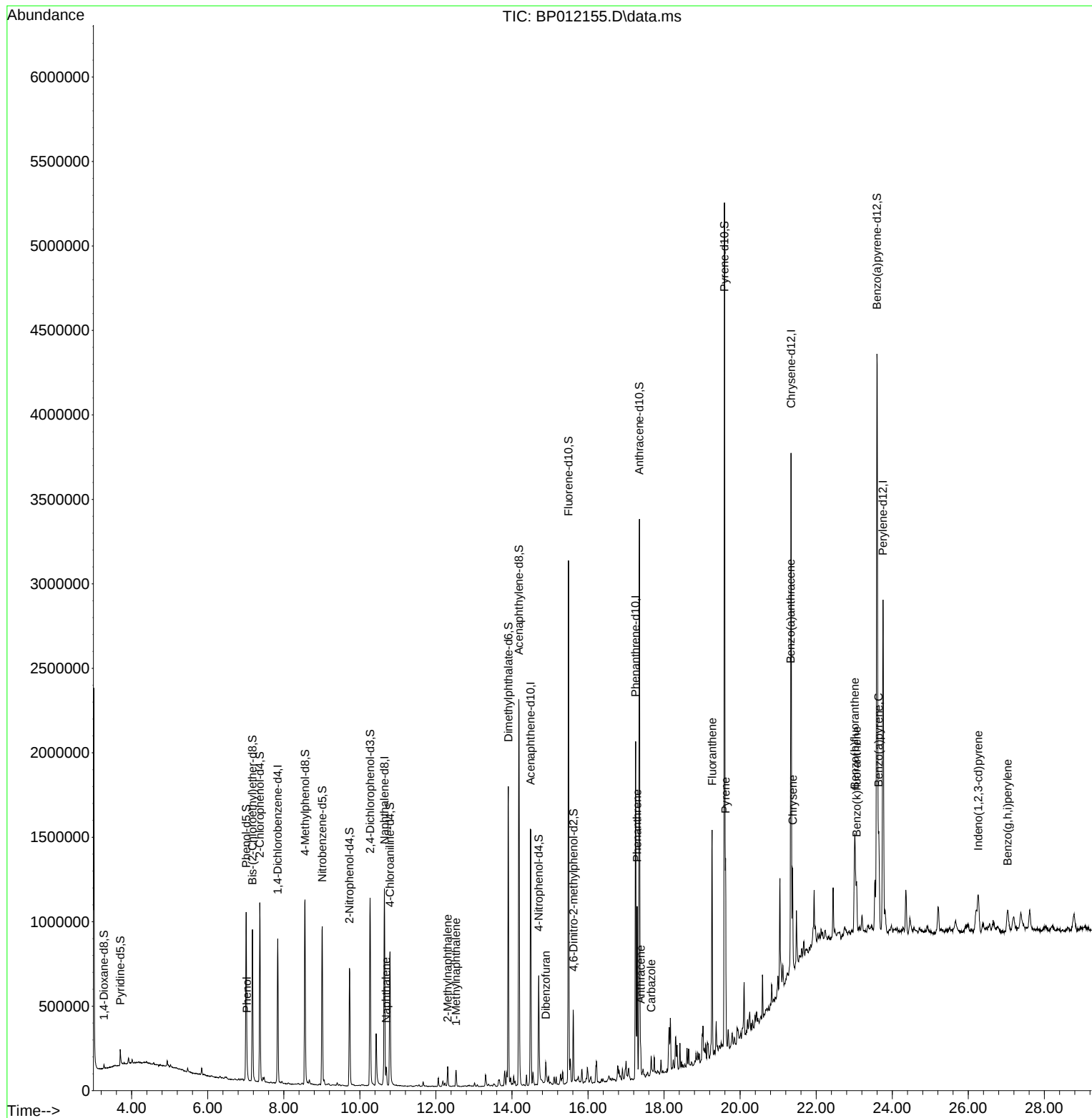
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 Data File : BP012155.D
 Acq On : 15 Oct 2022 01:35
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

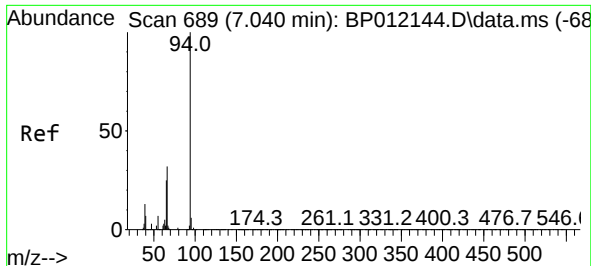
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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

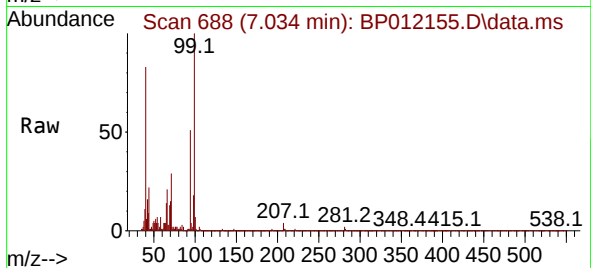
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.484 ng/ul
RT: 7.034 min Scan# 689
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

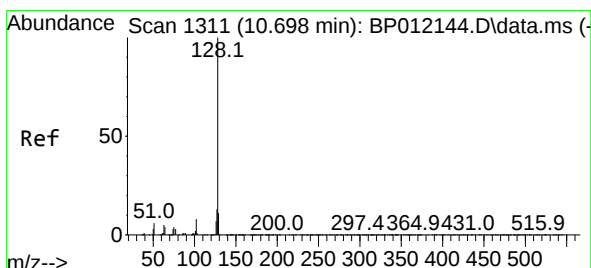
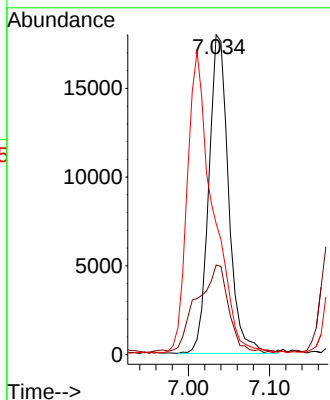
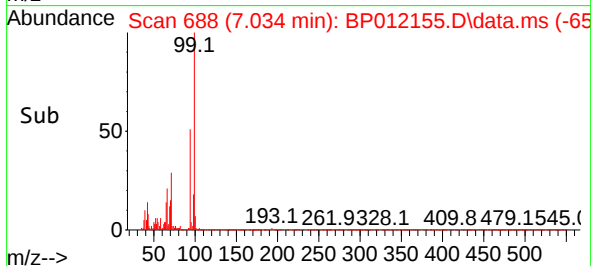
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion: 94 Resp: 30432
Ion Ratio Lower Upper
94 100
65 28.0 19.4 29.0
66 41.0 24.6 37.0

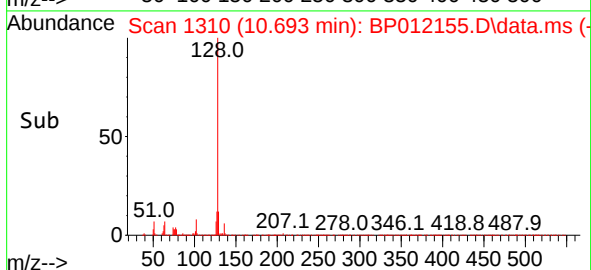
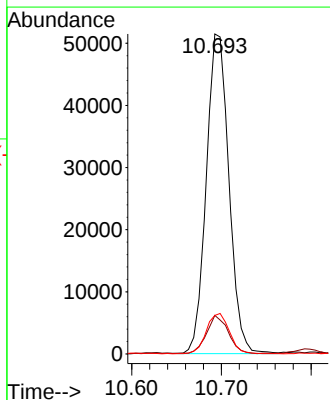
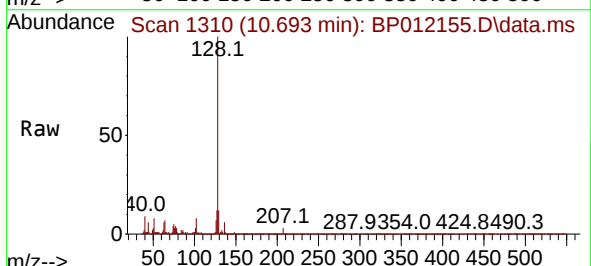
Manual Integrations
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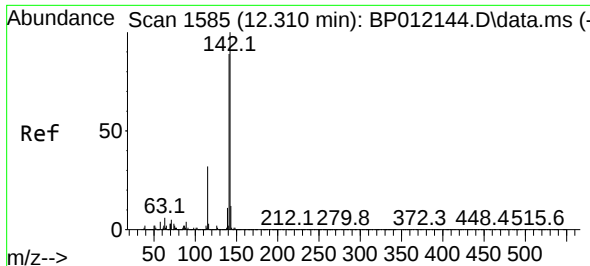
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#30
Naphthalene
Concen: 1.734 ng/ul
RT: 10.693 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

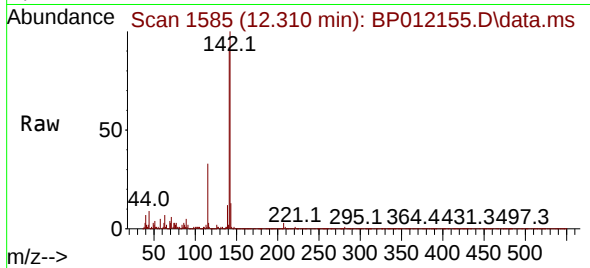
Tgt Ion:128 Resp: 90208
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 12.0 10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.778 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

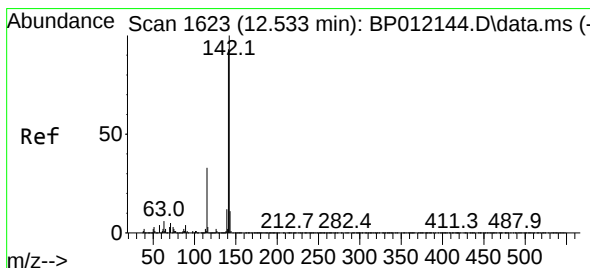
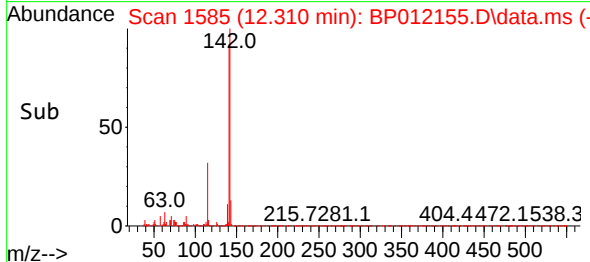
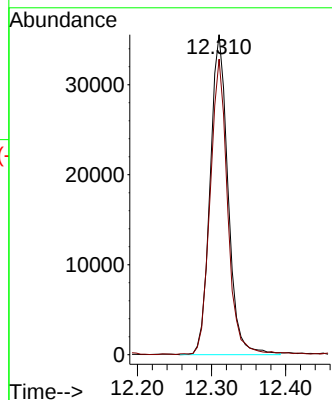
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:142 Resp: 59570
Ion Ratio Lower Upper
142 100
141 92.3 70.7 106.1

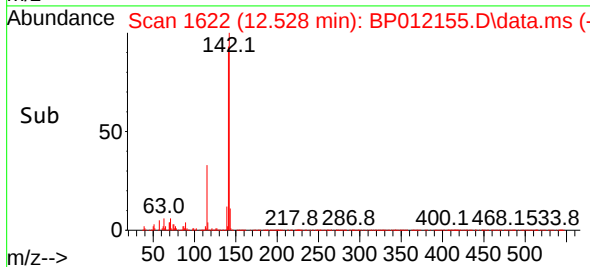
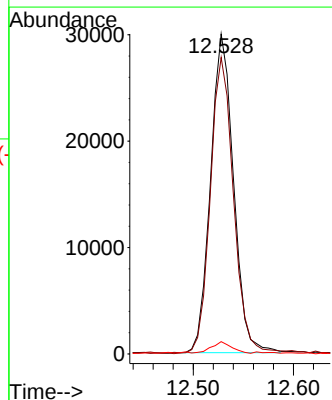
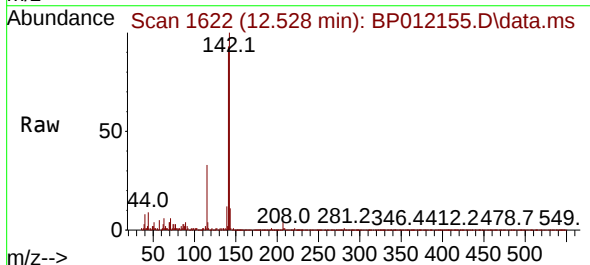
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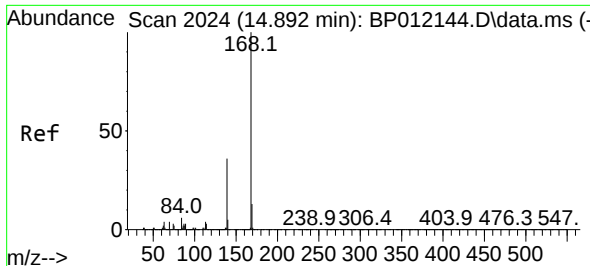
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#37
1-Methylnaphthalene
Concen: 1.422 ng/ul
RT: 12.528 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

Tgt Ion:142 Resp: 47715
Ion Ratio Lower Upper
142 100
141 92.6 72.9 109.3
116 3.9 2.8 4.2





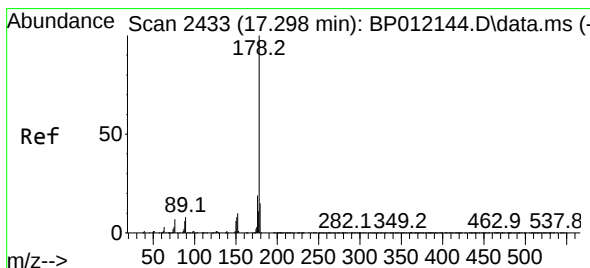
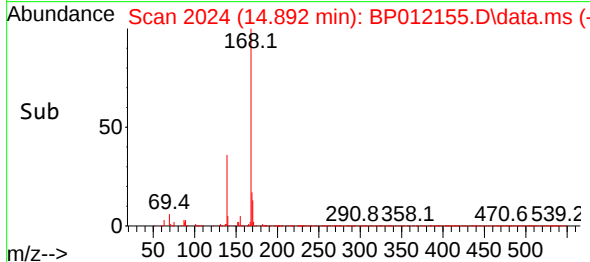
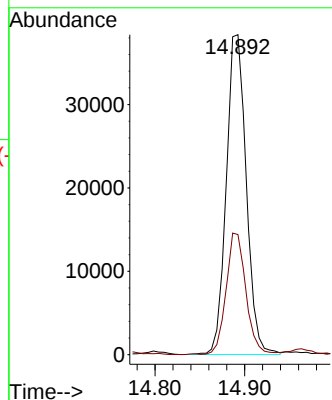
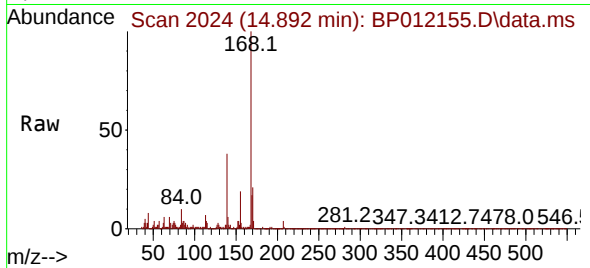
#56
Dibenzenofuran
Concen: 1.297 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

Instrument :
BNA_P
ClientSampleId :
BGNM2

Tgt Ion:168 Resp: 5934
Ion Ratio Lower Upper
168 100
139 37.5 28.2 42.4

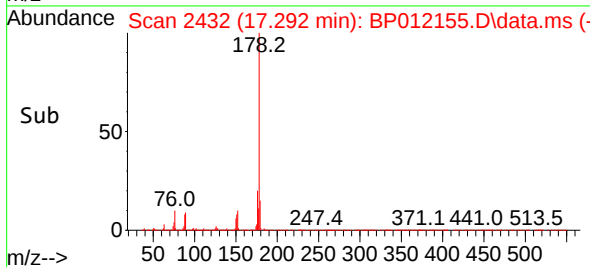
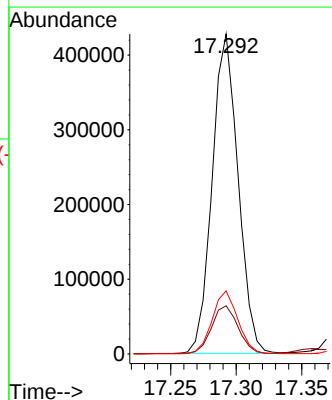
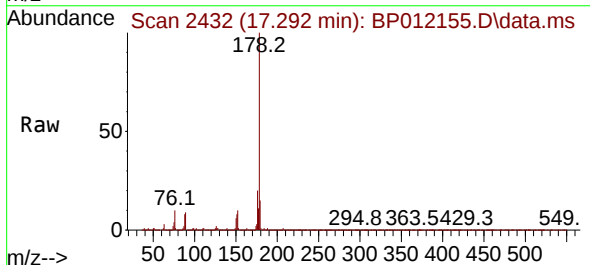
Manual Integrations
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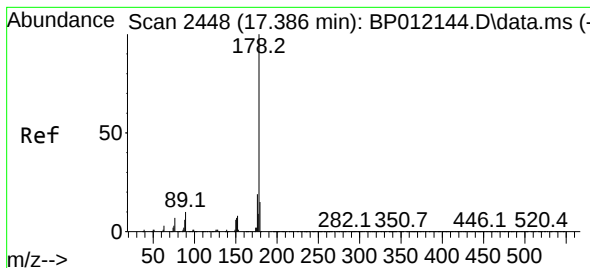
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#72
Phenanthrene
Concen: 9.365 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

Tgt Ion:178 Resp: 587111
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.7 15.8 23.6





#74

Anthracene

Concen: 1.571 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012155.D

Acq: 15 Oct 2022 01:35

Instrument :

BNA_P

ClientSampleId :

BGNM2

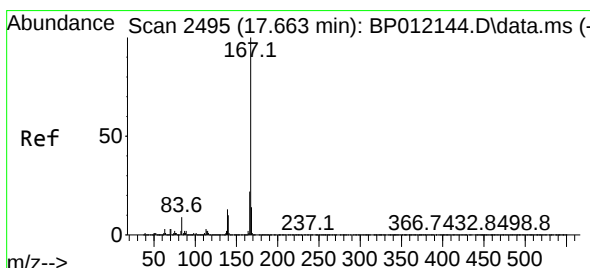
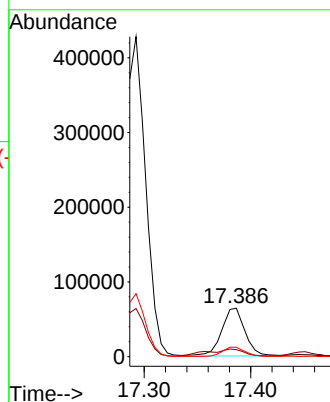
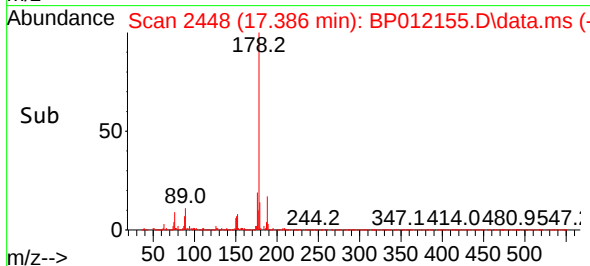
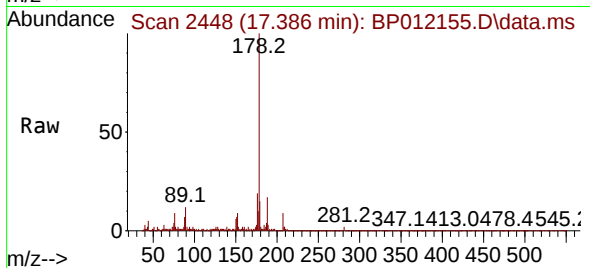
Tgt Ion:178	Resp:	97490
Ion Ratio	Lower	Upper
178	100	
179	14.6	12.2 18.4
176	19.4	14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#77

Carbazole

Concen: 1.193 ng/ul

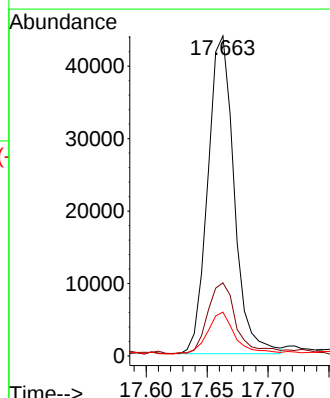
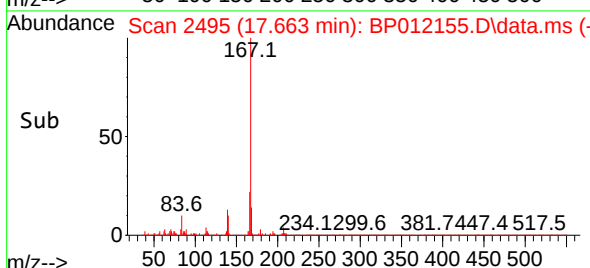
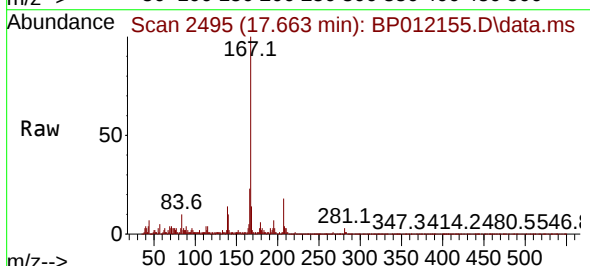
RT: 17.663 min Scan# 2495

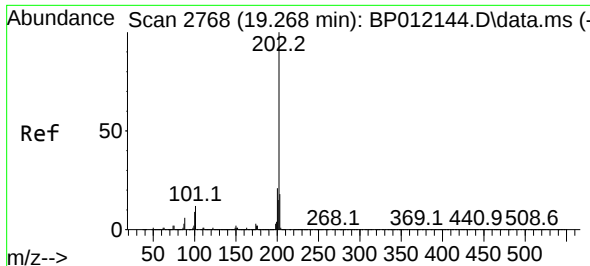
Delta R.T. -0.006 min

Lab File: BP012155.D

Acq: 15 Oct 2022 01:35

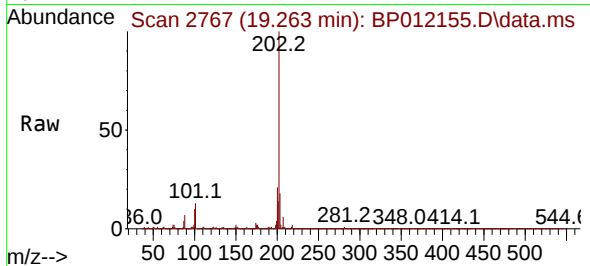
Tgt Ion:167	Resp:	66028
Ion Ratio	Lower	Upper
167	100	
166	22.8	17.0 25.6
139	13.7	10.1 15.1





#80
Fluoranthene
Concen: 9.126 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

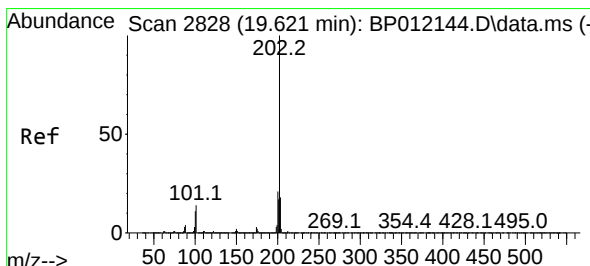
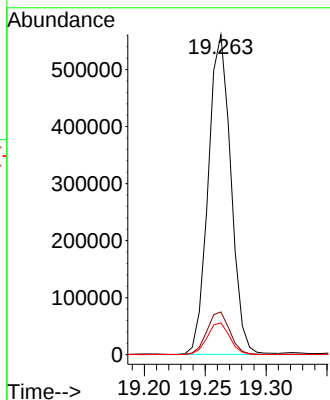
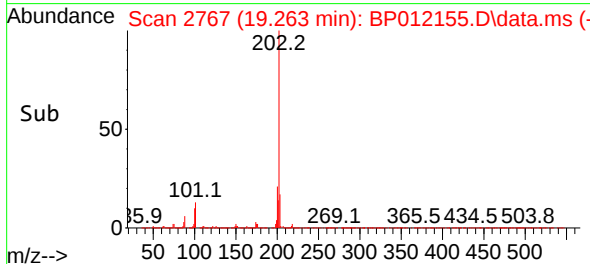
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:202 Resp: 724718
Ion Ratio Lower Upper
202 100
101 13.4 9.0 13.6
100 9.9 7.0 10.6

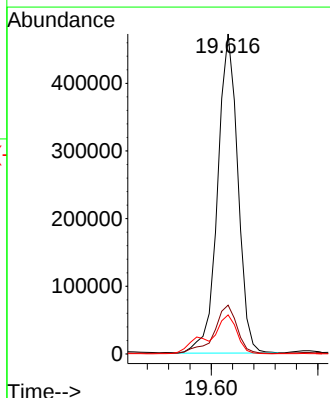
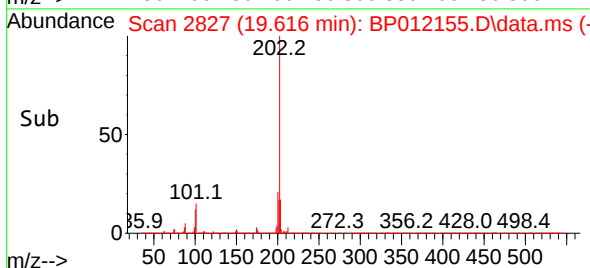
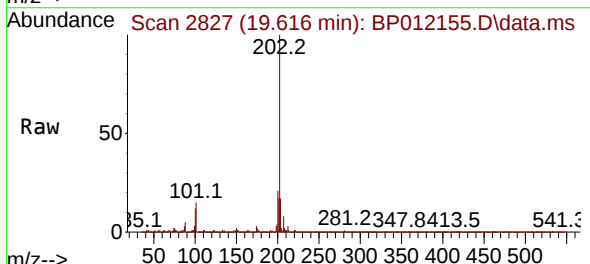
Manual Integrations
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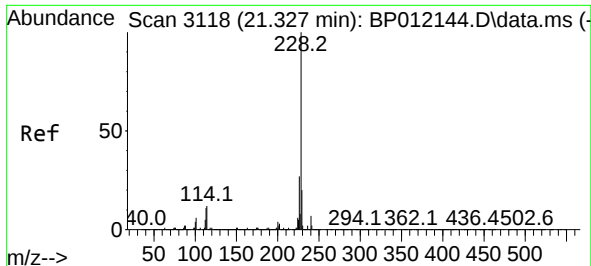
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 7.396 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

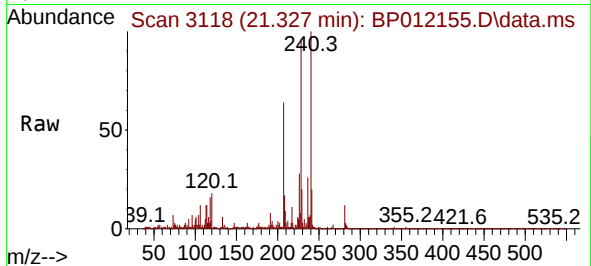
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Ion Ratio Lower Upper
202 100
101 15.3 10.4 15.6
100 12.2 8.5 12.7





#85
Benzo(a)anthracene
Concen: 4.360 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

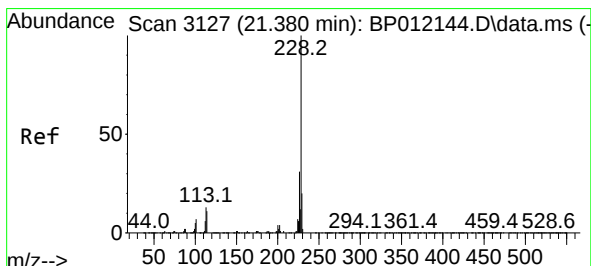
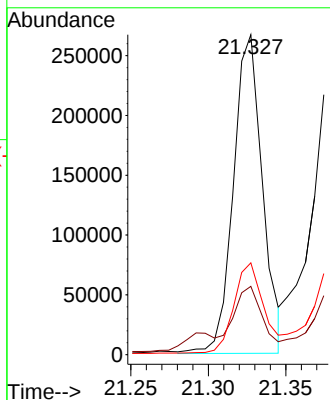
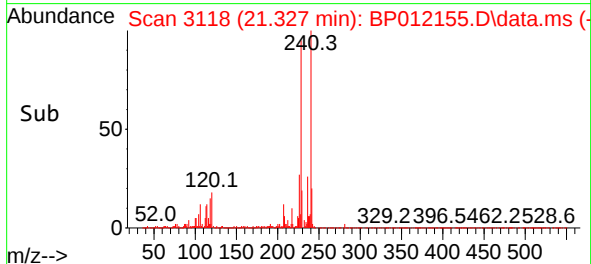
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:228 Resp: 347200
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.7 21.9 32.9

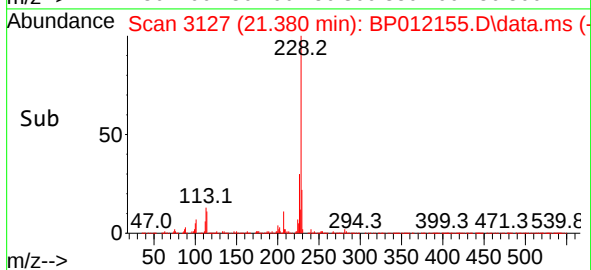
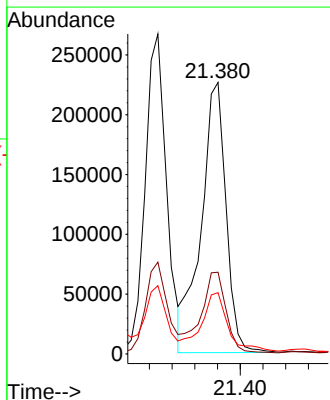
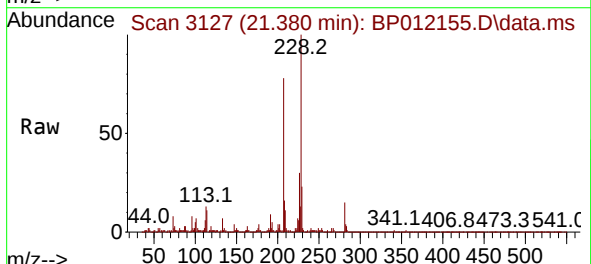
Manual Integrations
APPROVED

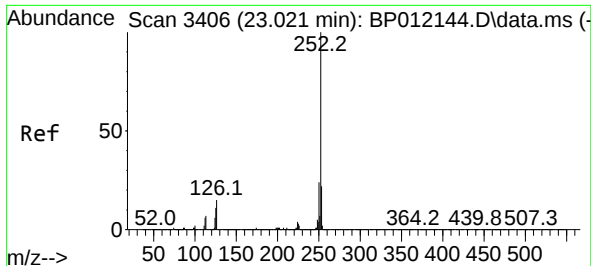
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#87
Chrysene
Concen: 4.497 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

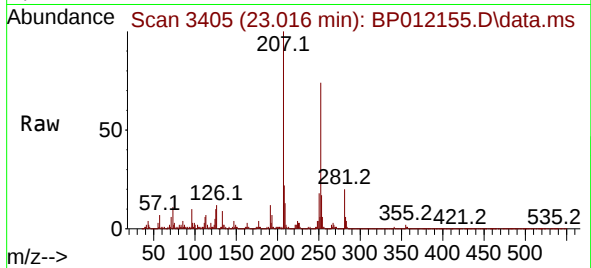
Tgt Ion:228 Resp: 344687
Ion Ratio Lower Upper
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226 30.1 24.0 36.0
229 22.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.382 ng/u1
RT: 23.016 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

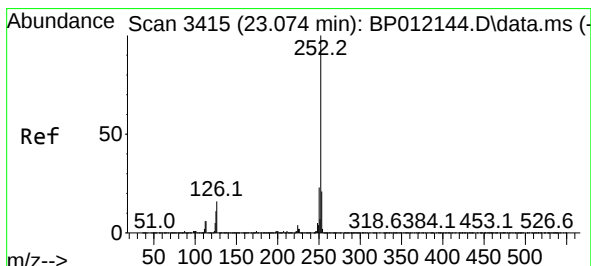
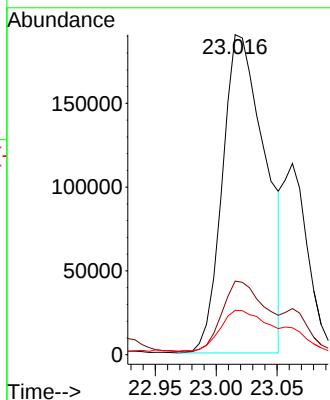
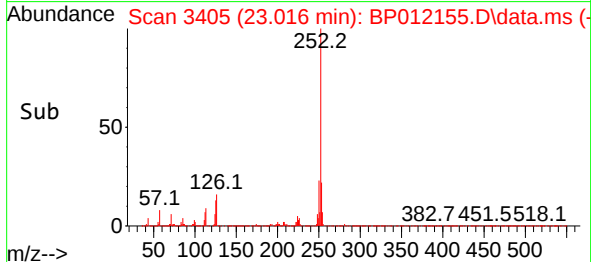
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:252 Resp: 46565
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.8 7.8 11.8

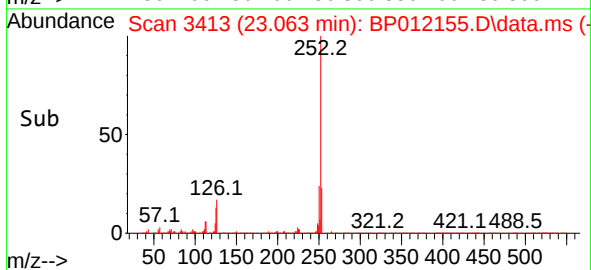
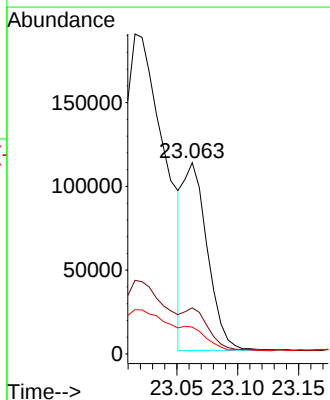
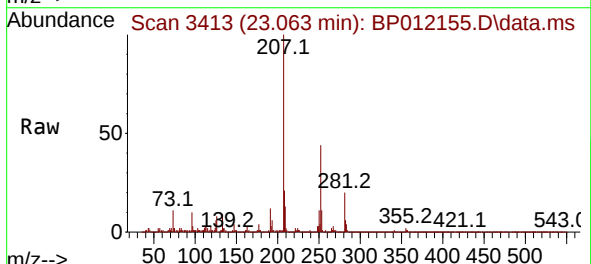
Manual Integrations
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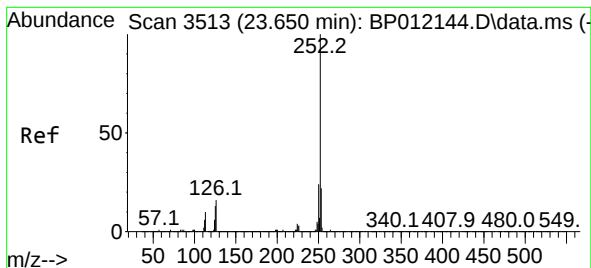
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#91
Benzo(k)fluoranthene
Concen: 1.819 ng/u1
RT: 23.063 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP012155.D
Acq: 15 Oct 2022 01:35

Tgt Ion:252 Resp: 154810
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 14.1 8.2 12.2





#93

Benzo(a)pyrene

Concen: 4.219 ng/ul

RT: 23.645 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP012155.D

Acq: 15 Oct 2022 01:35

Instrument :

BNA_P

ClientSampleId :

BGNM2

Tgt Ion:252 Resp: 325704

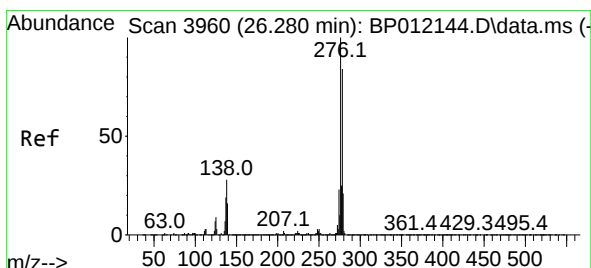
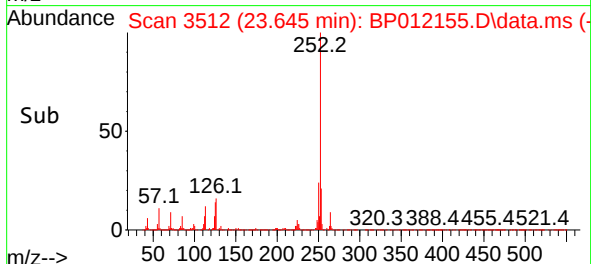
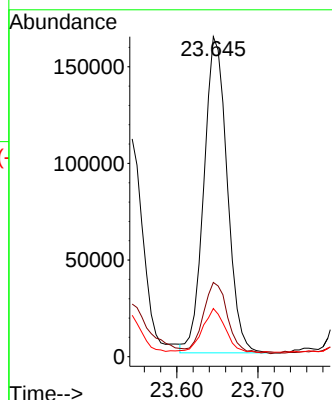
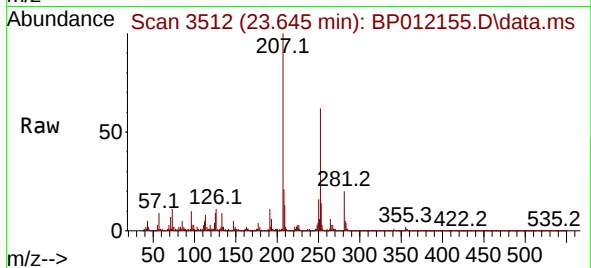
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	15.0	8.9	13.3

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: 2.340 ng/ul

RT: 26.262 min Scan# 3957

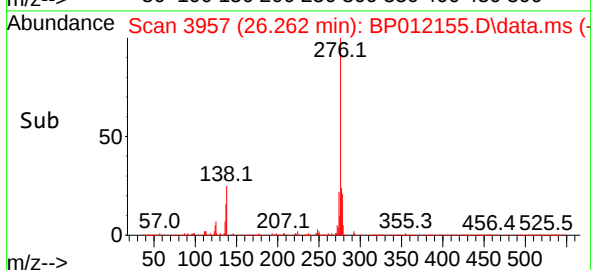
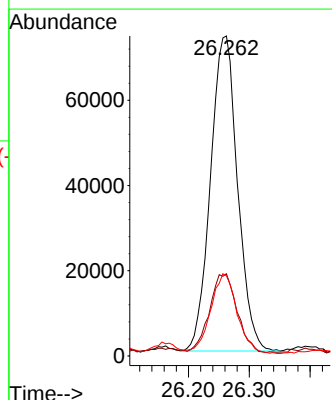
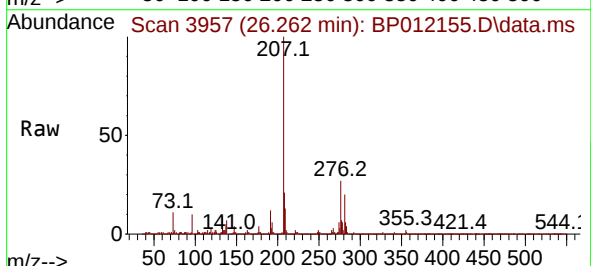
Delta R.T. -0.018 min

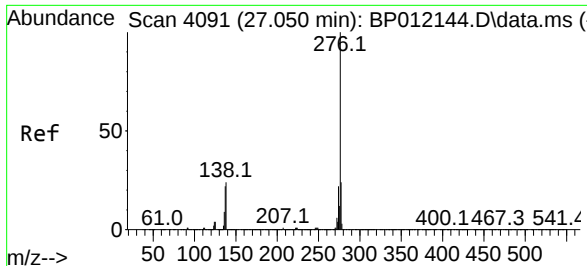
Lab File: BP012155.D

Acq: 15 Oct 2022 01:35

Tgt Ion:276 Resp: 228377

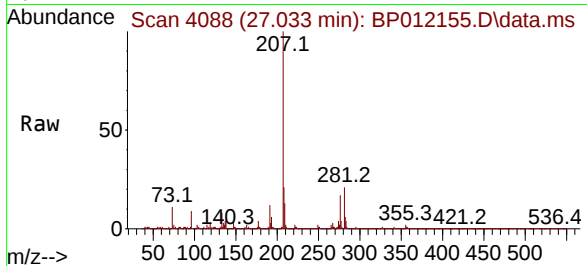
Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.1	28.7
277	25.1	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.983 ng/ul
 RT: 27.033 min Scan# 4088
 Delta R.T. -0.024 min
 Lab File: BP012155.D
 Acq: 15 Oct 2022 01:35

Instrument :
 BNA_P
 ClientSampleId :
 BGNM2



Tgt Ion: 276 Resp: 17449

Ion	Ratio	Lower	Upper
276	100		
138	26.7	16.5	24.7
277	23.4	19.0	28.4

Manual Integrations
 APPROVED

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

