

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020619.D
 Acq On : 13 Jun 2024 20:19
 Operator : MA/JU
 Sample : P2864-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-I

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 23:38:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	238022	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	938945	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	597034	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1254591	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1101369	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1278829	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1123592	84.519	ng	0.00
7) Phenol-d6	6.928	99	1461647	77.963	ng	0.00
23) Nitrobenzene-d5	8.893	82	891327	51.964	ng	-0.03
42) 2,4,6-Tribromophenol	15.892	330	655692	105.824	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2175565	54.321	ng	-0.02
79) Terphenyl-d14	19.916	244	3305182	49.958	ng	-0.03
Target Compounds						Qvalue
75) Fluoranthene	19.316	202	597866	8.194	ng	99
78) Pyrene	19.692	202	550798	6.649	ng	99
81) Benzo(a)anthracene	21.616	228	409103	5.641	ng	98
83) Chrysene	21.680	228	374082	5.474	ng	98
87) Indeno(1,2,3-cd)pyrene	28.786	276	291100	3.743	ng	# 87
88) Benzo(b)fluoranthene	23.921	252	545640	6.849	ng	97
89) Benzo(k)fluoranthene	23.986	252	196494m	2.529	ng	
90) Benzo(a)pyrene	24.827	252	396643	6.012	ng	98
92) Benzo(g,h,i)perylene	29.945	276	257676	3.974	ng	97

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

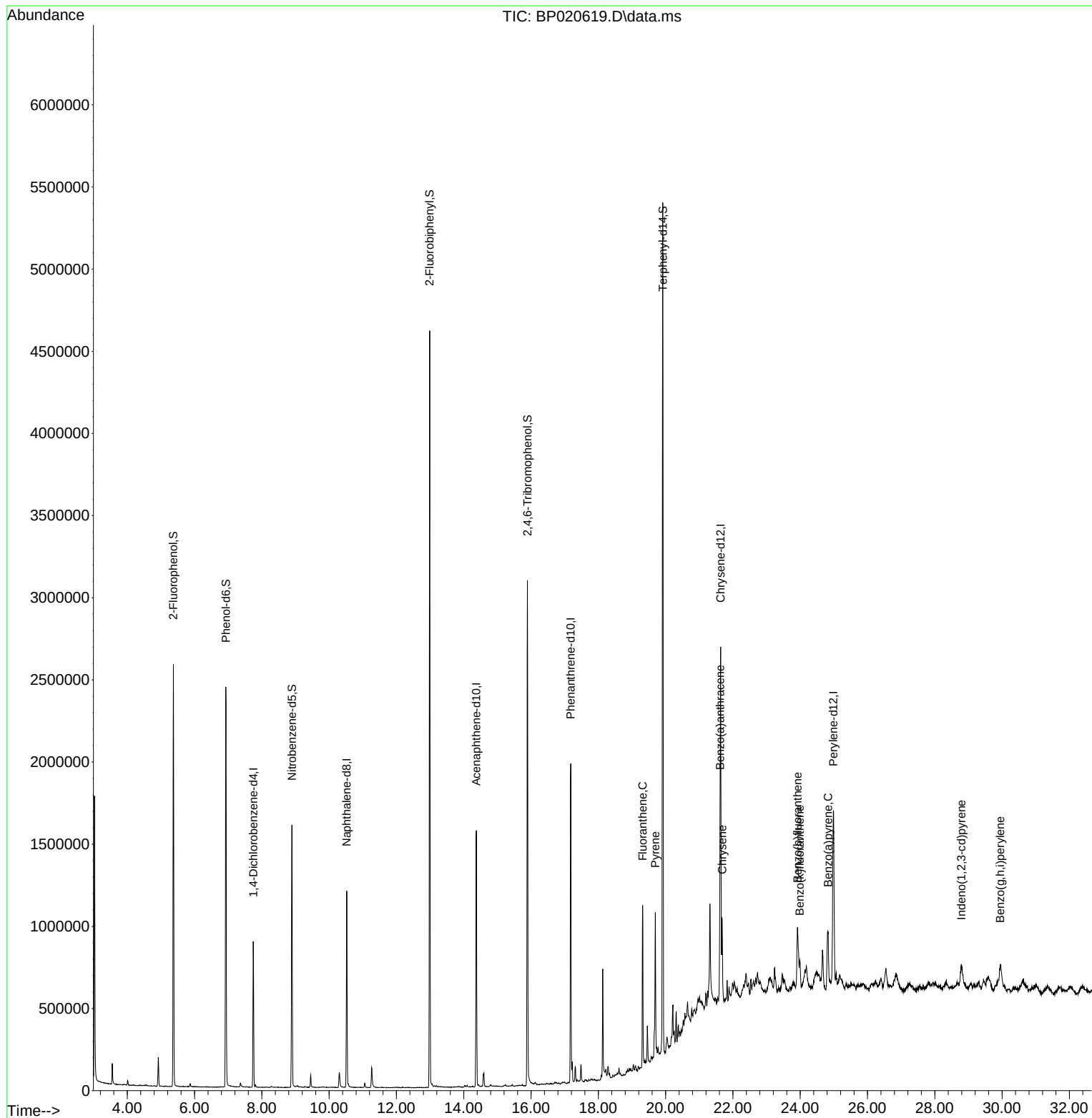
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
Data File : BP020619.D
Acq On : 13 Jun 2024 20:19
Operator : MA/JU
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ALS Vial : 11 Sample Multiplier: 1

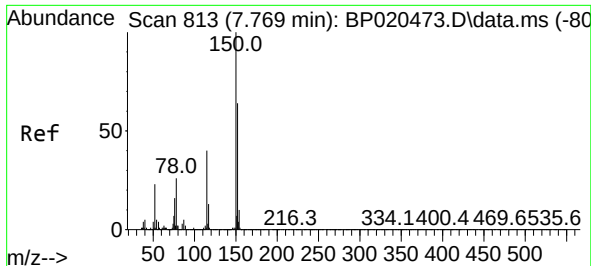
Instrument :
BNA_P
ClientSampleId :
WC-I

Quant Time: Jun 13 23:38:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
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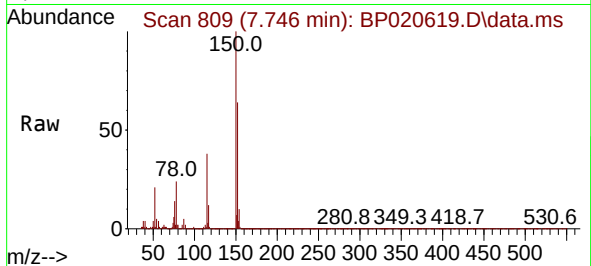
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

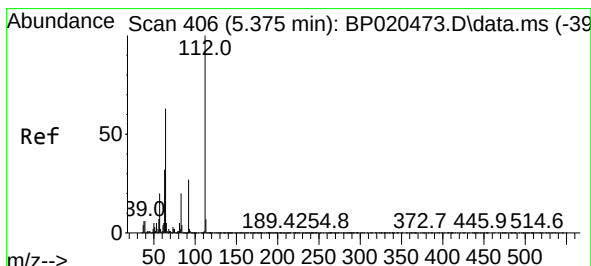
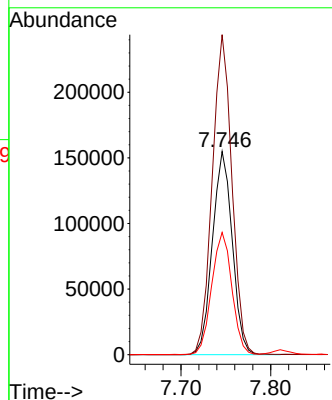
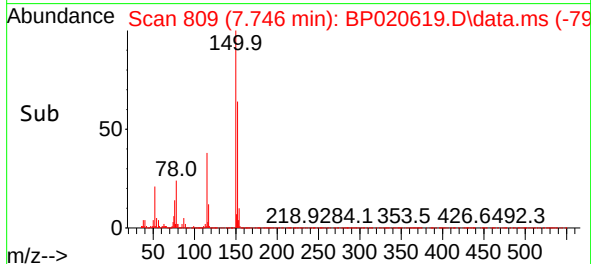
Instrument :
BNA_P
ClientSampleId :
WC-I



Tgt Ion:152 Resp: 23802
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 60.1 49.5 74.3

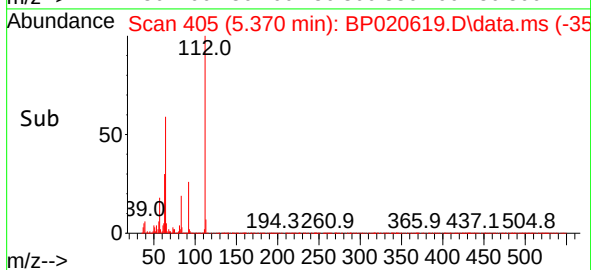
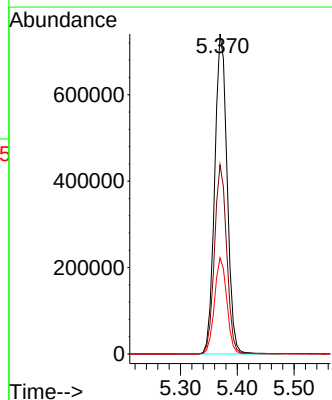
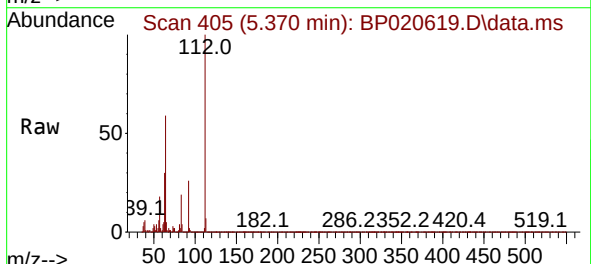
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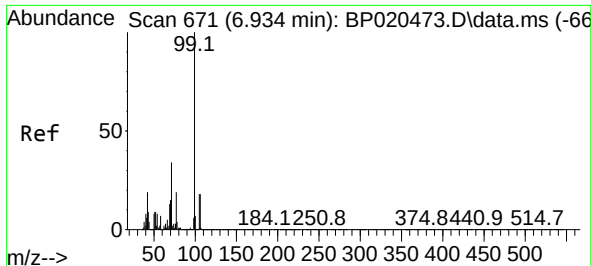
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#5
2-Fluorophenol
Concen: 84.519 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

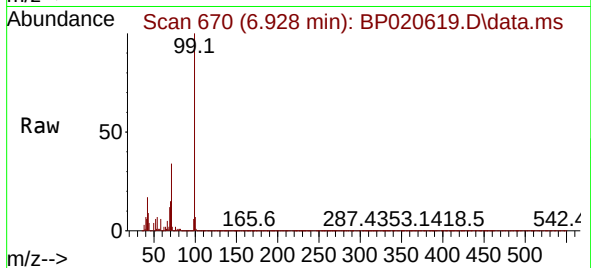
Tgt Ion:112 Resp: 1123592
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.0 25.7 38.5





#7
Phenol-d6
Concen: 77.963 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

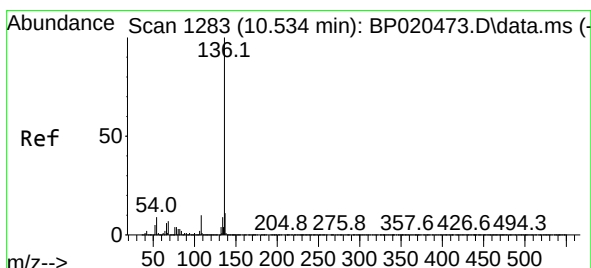
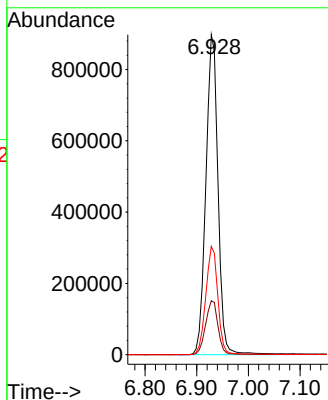
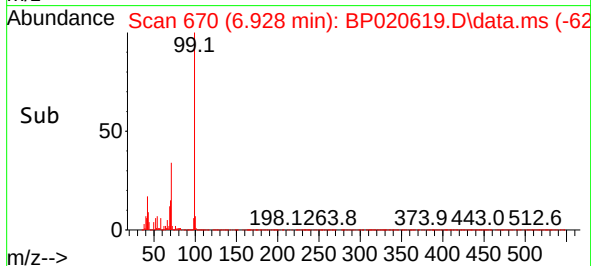
Instrument :
BNA_P
ClientSampleId :
WC-I



Tgt Ion: 99 Resp: 146164
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 33.8 27.3 40.9

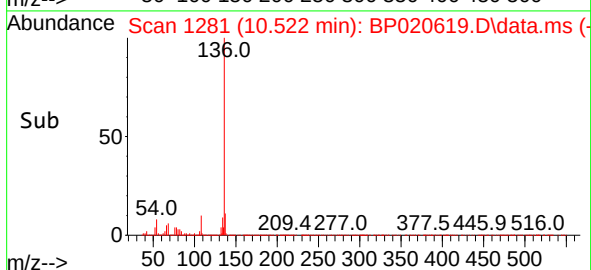
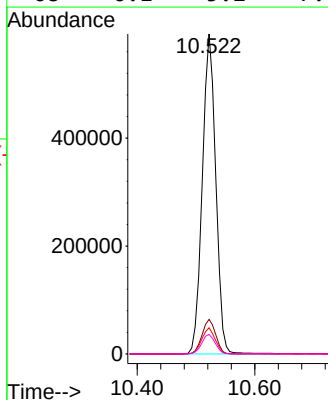
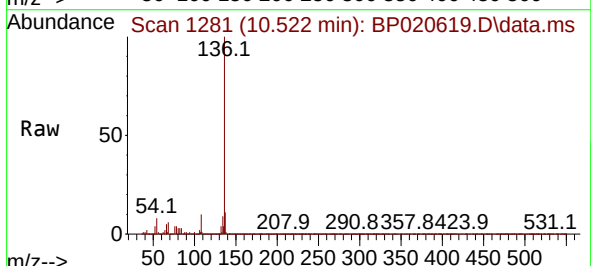
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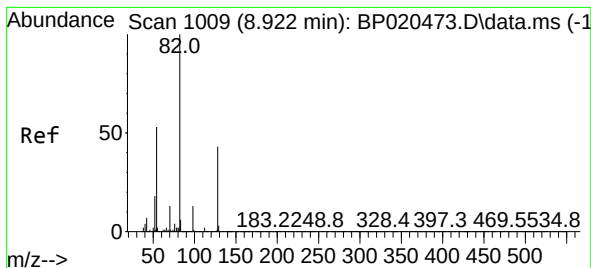
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

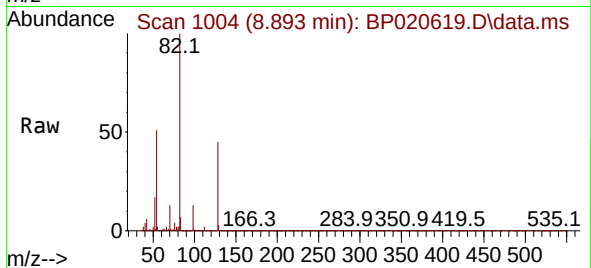
Tgt Ion:136 Resp: 938945
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8





#23
Nitrobenzene-d5
Concen: 51.964 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.029 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

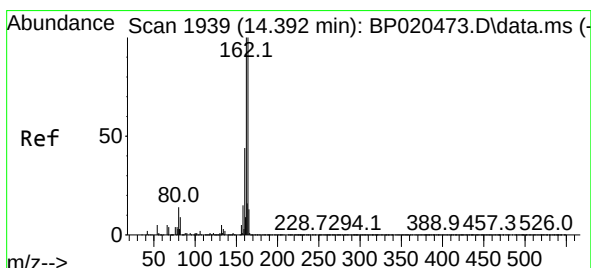
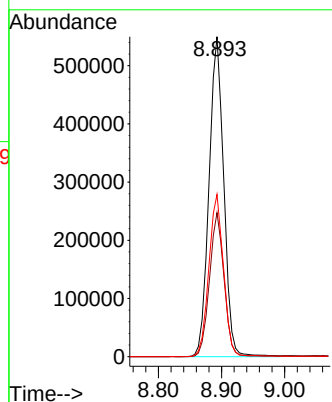
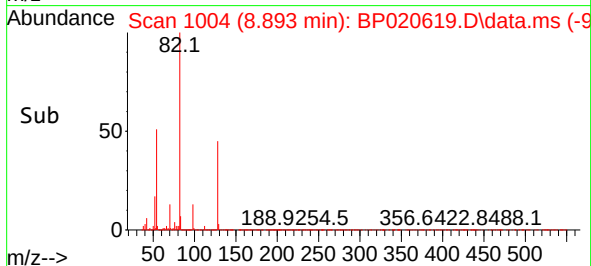
Instrument :
BNA_P
ClientSampleId :
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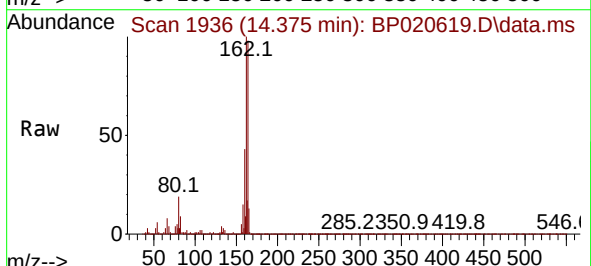
Tgt Ion: 82 Resp: 89132
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 50.7 42.7 64.1

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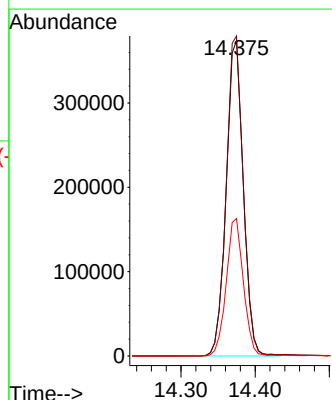
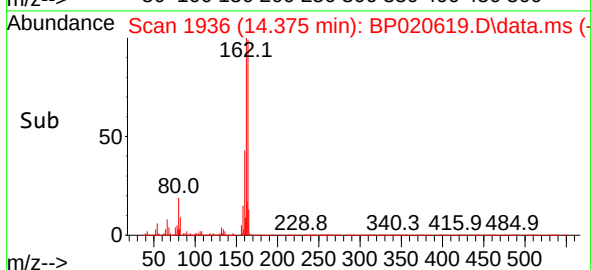
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

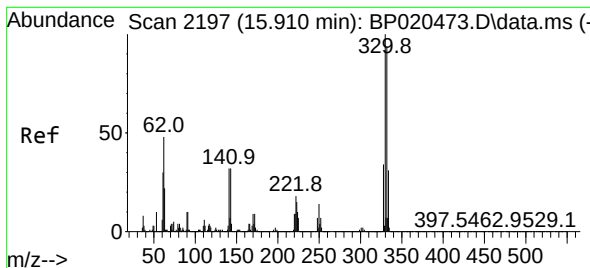


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19



Tgt Ion:164 Resp: 597034
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 43.6 35.4 53.2





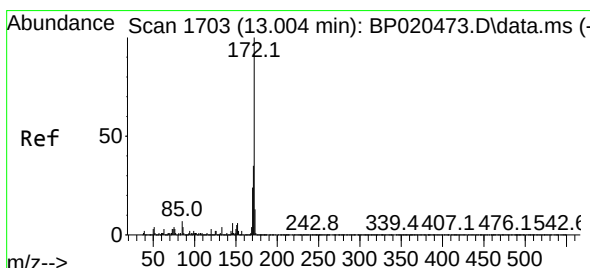
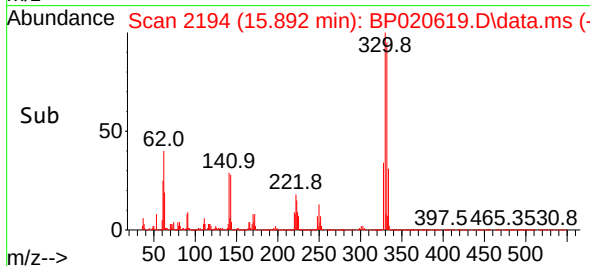
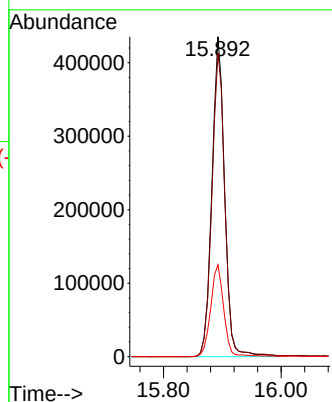
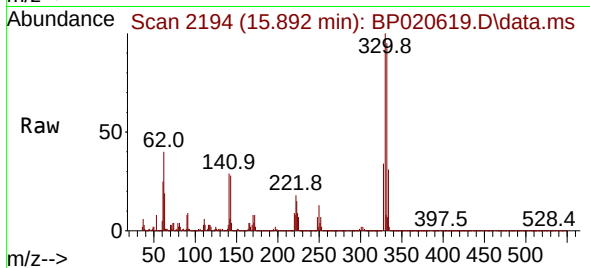
#42
2,4,6-Tribromophenol
Concen: 105.824 ng
RT: 15.892 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Instrument :
BNA_P
ClientSampleId :
WC-I

Tgt Ion:330 Resp: 655692
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 29.6 27.1 40.7

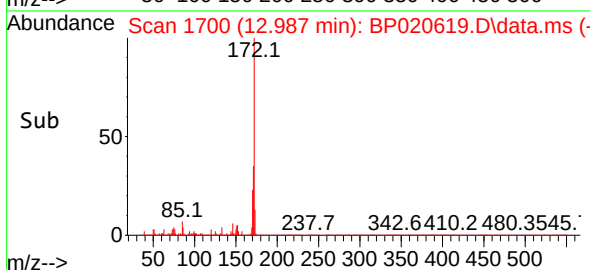
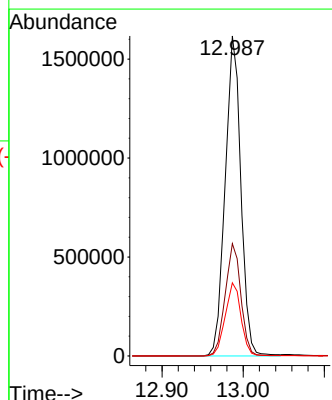
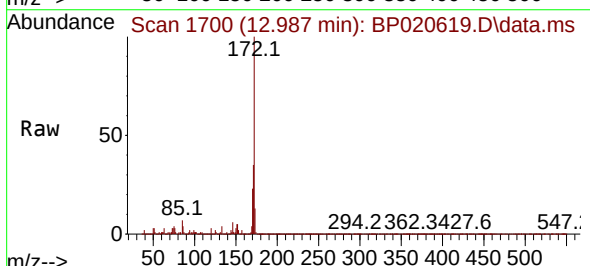
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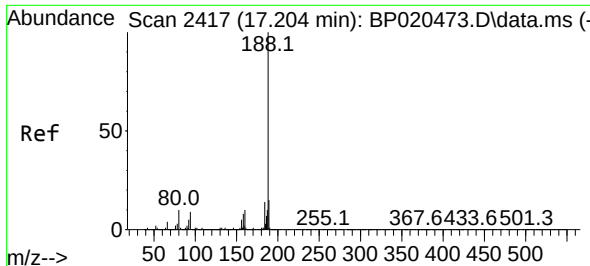
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Supervised By :mohammad ahmed 06/15/2024



#45
2-Fluorobiphenyl
Concen: 54.321 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:172 Resp: 2175565
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 22.9 18.9 28.3





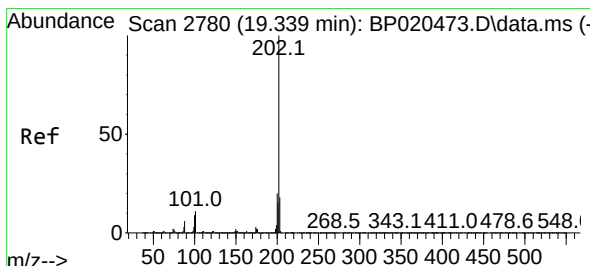
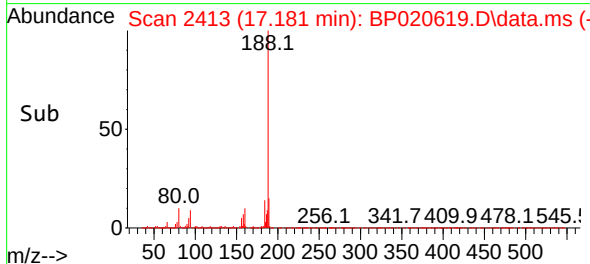
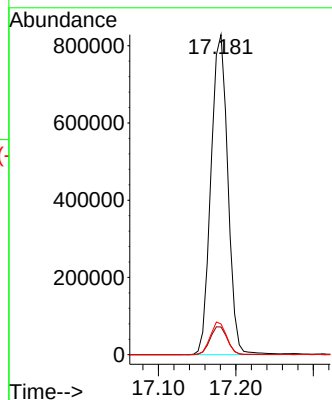
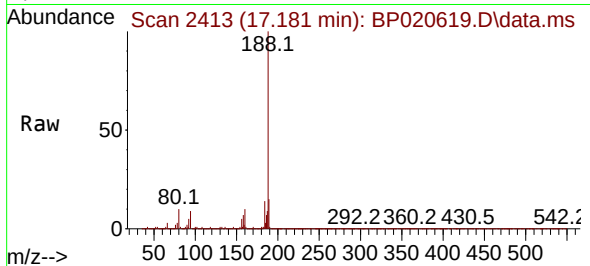
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2417
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Instrument :
BNA_P
ClientSampleId :
WC-I

Tgt Ion:188 Resp: 125459
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.6 8.1 12.1

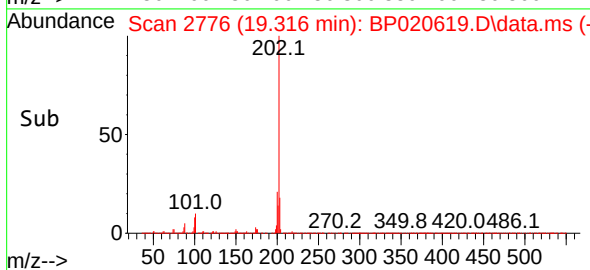
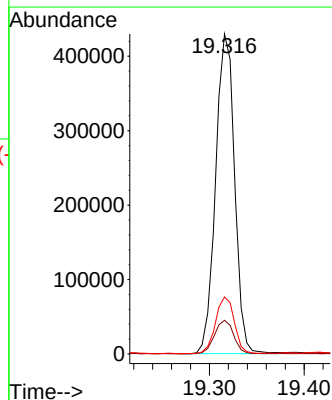
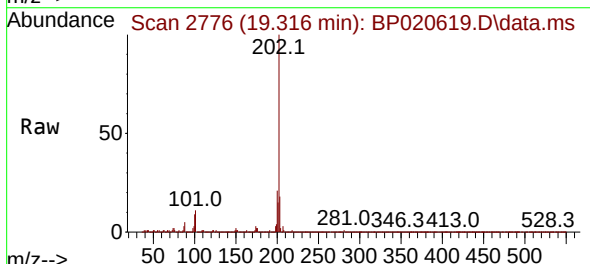
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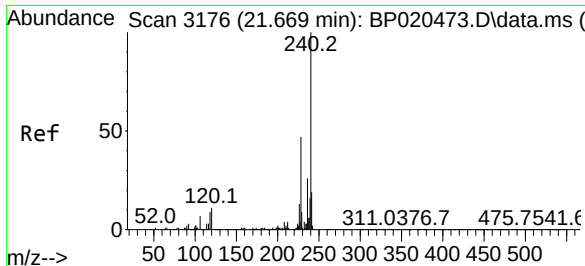
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#75
Fluoranthene
Concen: 8.194 ng
RT: 19.316 min Scan# 2776
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:202 Resp: 597866
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.8 0.0 37.7





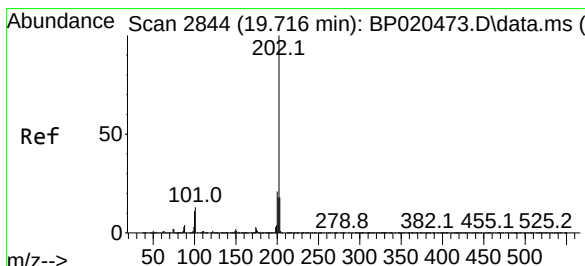
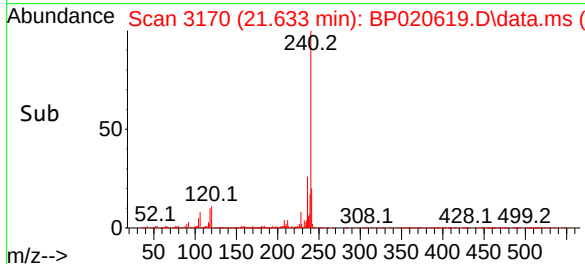
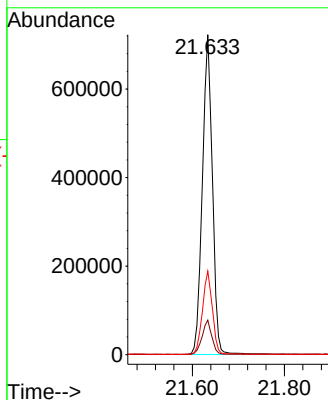
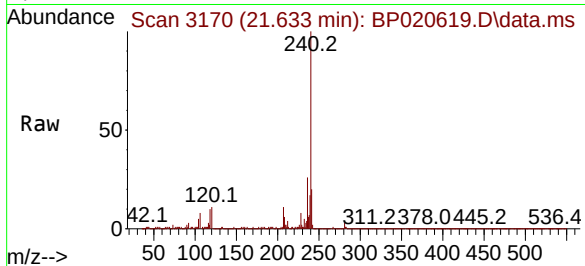
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3176
Delta R.T. -0.035 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Instrument :
BNA_P
ClientSampleId :
WC-I

Tgt Ion:240 Resp: 1101369
Ion Ratio Lower Upper
240 100
120 10.8 8.5 12.7
236 26.1 20.5 30.7

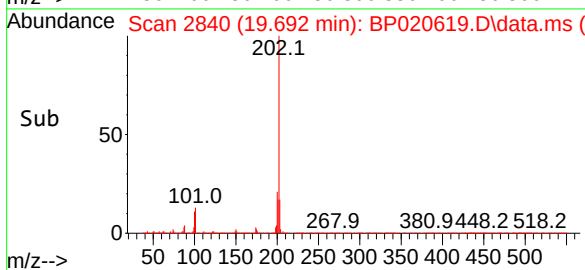
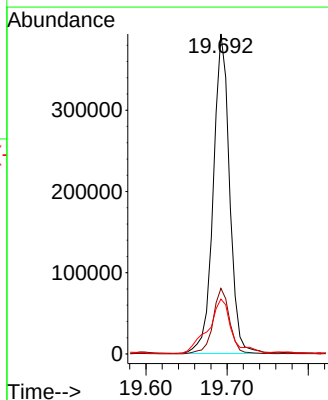
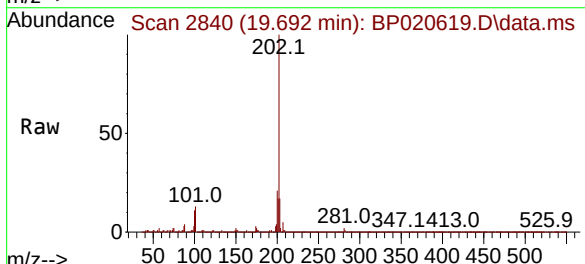
Manual Integrations
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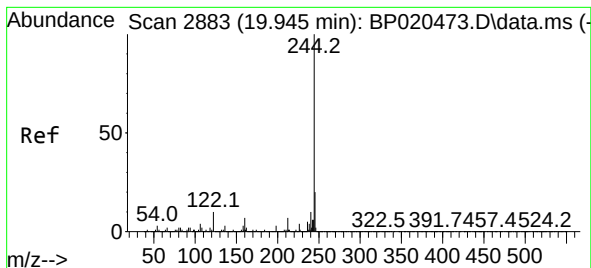
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#78
Pyrene
Concen: 6.649 ng
RT: 19.692 min Scan# 2840
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:202 Resp: 550798
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 49.958 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

Tgt Ion:244 Resp: 330518

Ion Ratio Lower Upper

244 100

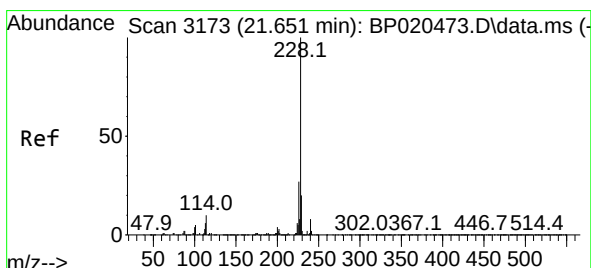
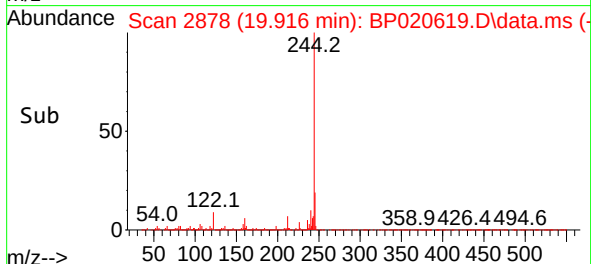
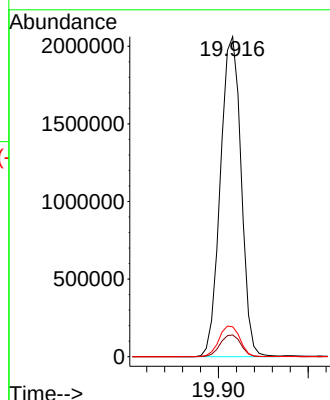
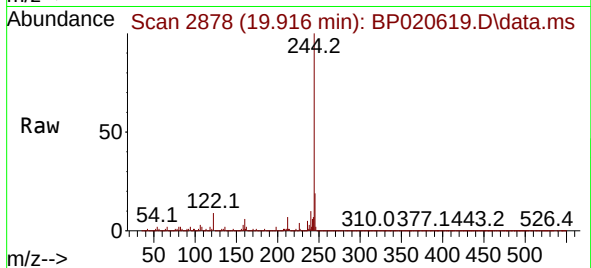
212 6.8 5.8 8.8

122 9.4 8.2 12.2

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 5.641 ng

RT: 21.616 min Scan# 3167

Delta R.T. -0.035 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

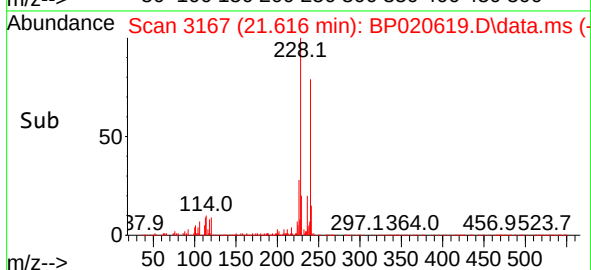
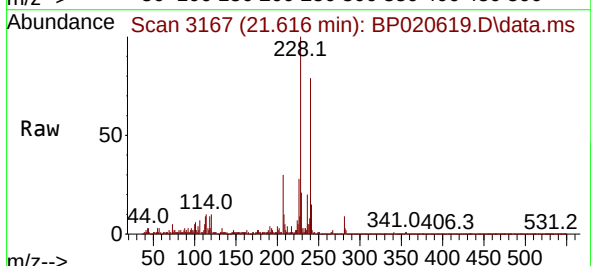
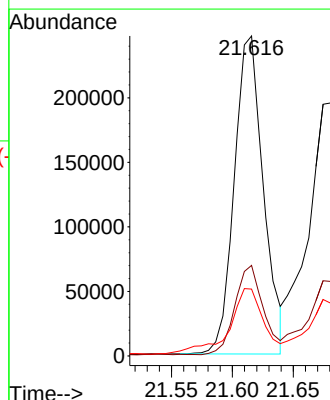
Tgt Ion:228 Resp: 409103

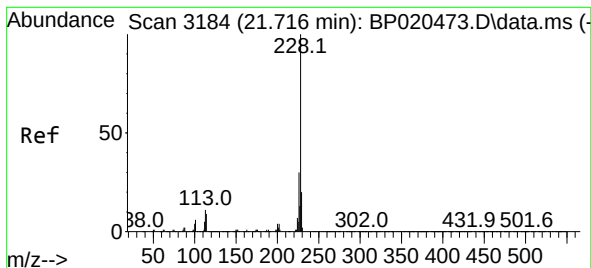
Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 20.9 15.8 23.6





#83

Chrysene

Concen: 5.474 ng

RT: 21.680 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

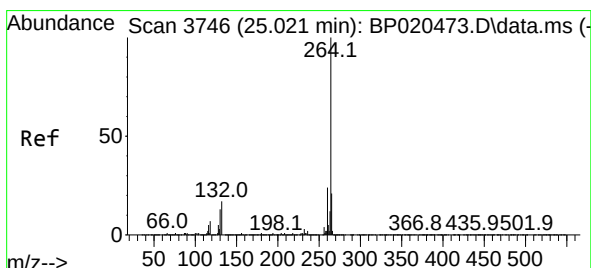
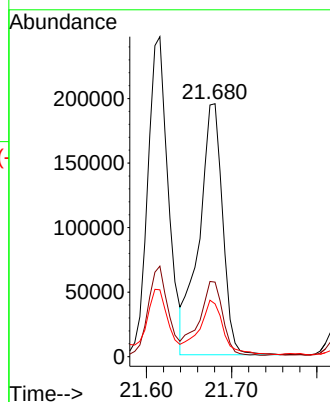
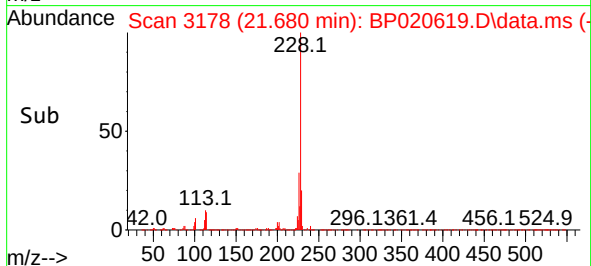
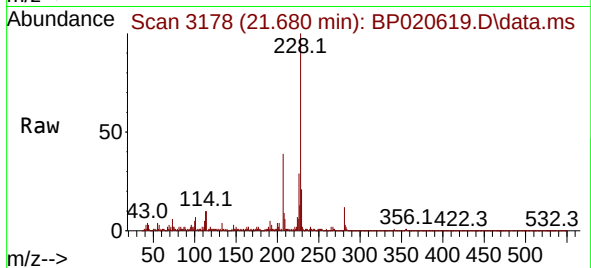
WC-I

Tgt Ion:	228	Resp:	37408
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	20.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#86

Perylene-d12

Concen: 20.000 ng

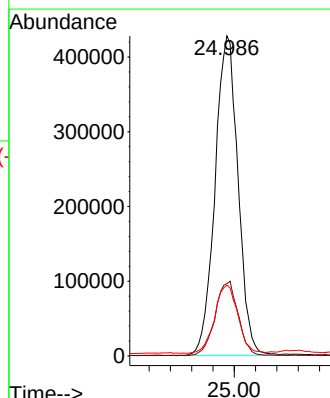
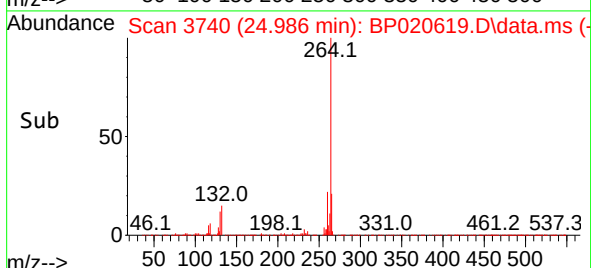
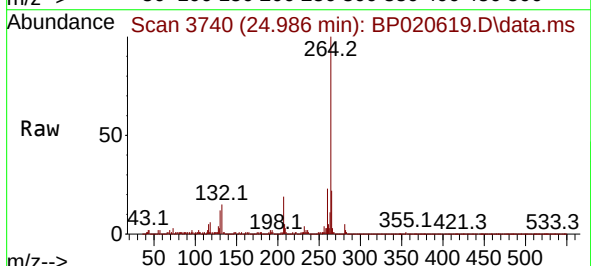
RT: 24.986 min Scan# 3740

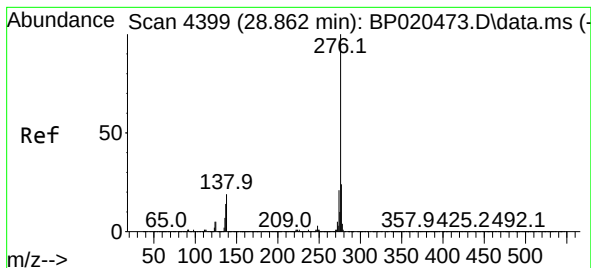
Delta R.T. -0.035 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Tgt Ion:	264	Resp:	1278829
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.9	28.3
265	22.2	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

RT: 28.786 min Scan# 4399

Delta R.T. -0.076 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

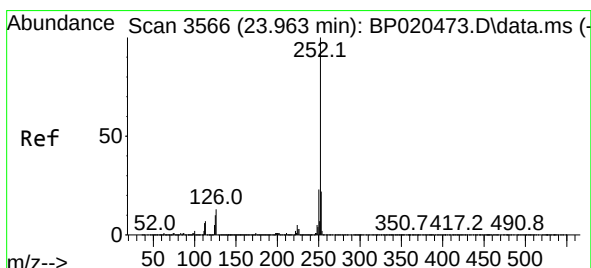
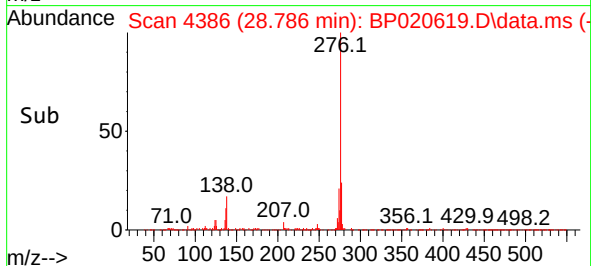
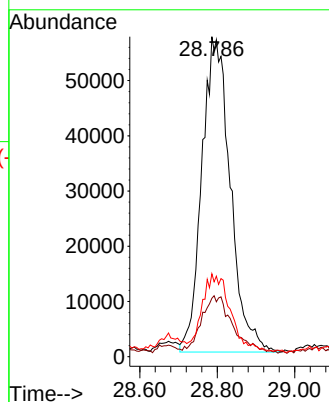
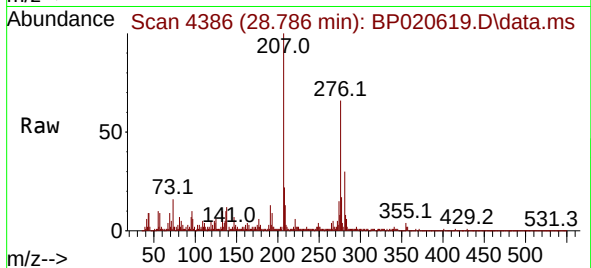
Tgt Ion: 276 Resp: 291100

Ion	Ratio	Lower	Upper
276	100		
138	9.0	12.8	19.2
277	24.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 06/14/2024
Supervised By : mohammad ahmed 06/15/2024



#88

Benzo(b)fluoranthene

Concen: 6.849 ng

RT: 23.921 min Scan# 3559

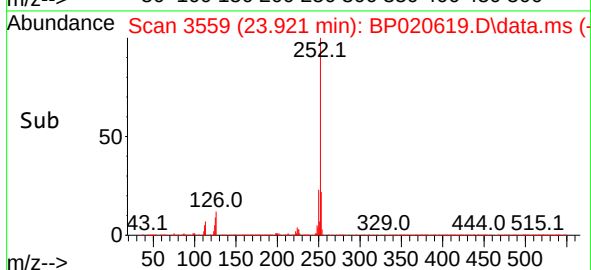
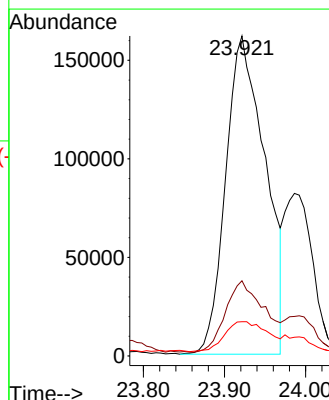
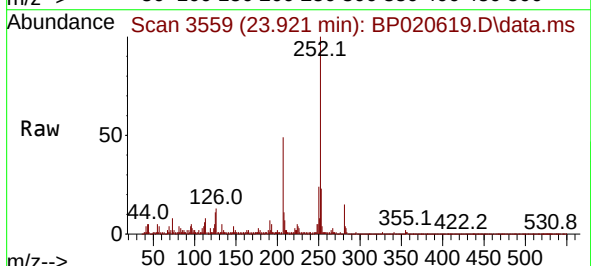
Delta R.T. -0.041 min

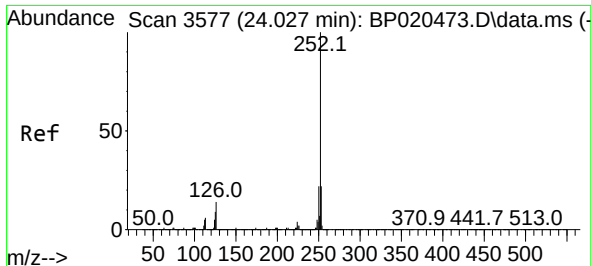
Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Tgt Ion: 252 Resp: 545640

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.7	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.529 ng m

RT: 23.986 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

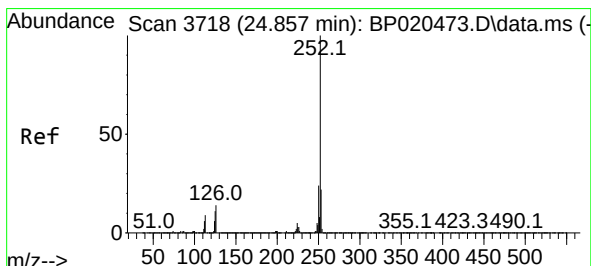
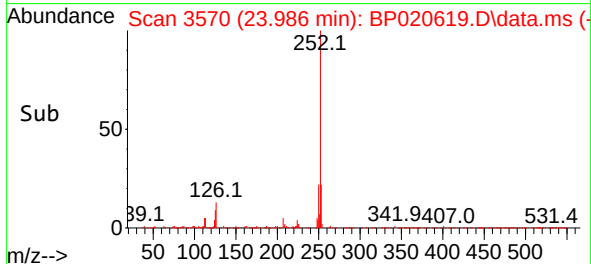
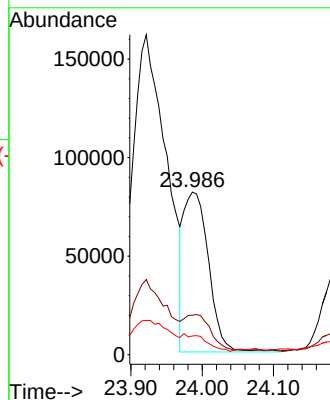
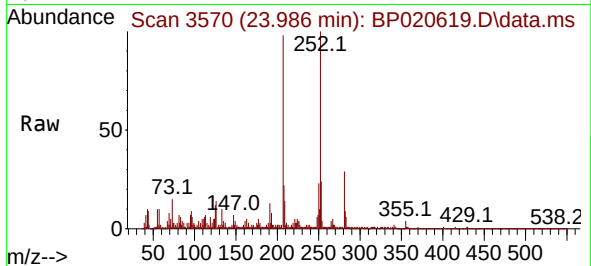
WC-I

Tgt Ion:252 Resp: 196494
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.7 26.5
 125 11.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



#90

Benzo(a)pyrene

Concen: 6.012 ng

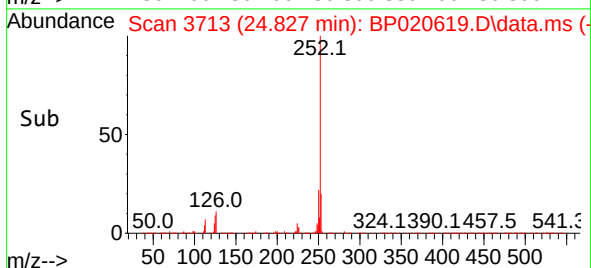
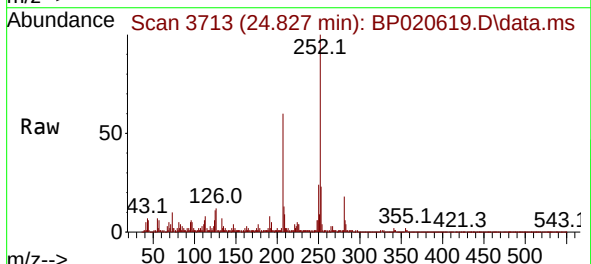
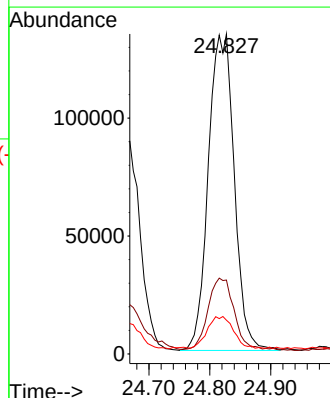
RT: 24.827 min Scan# 3713

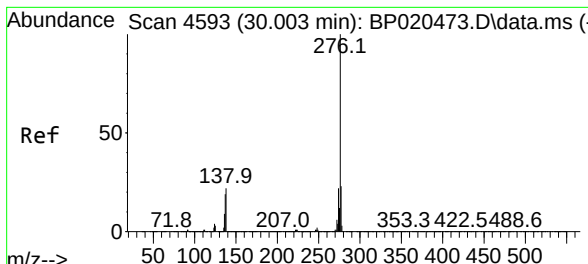
Delta R.T. -0.029 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Tgt Ion:252 Resp: 396643
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.2
 125 10.5 8.9 13.3





#92
 Benzo(g,h,i)perylene
 Concen: 3.974 ng
 RT: 29.945 min Scan# 4583
 Delta R.T. -0.059 min
 Lab File: BP020619.D
 Acq: 13 Jun 2024 20:19

Instrument : BNA_P
 ClientSampleId : WC-I

Tgt Ion: 276 Resp: 257670

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	19.6	17.7	26.5

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

