

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009126.D
 Acq On : 11 Feb 2022 22:25
 Operator : CG/JU
 Sample : N1487-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 251488

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 11 23:36:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	169532	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	729522	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	544705	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1296931	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	1451130	20.000	ng	0.00
86) Perylene-d12	23.704	264	1456639	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1090342	114.725	ng	0.00
7) Phenol-d6	6.987	99	1468102	117.232	ng	0.00
23) Nitrobenzene-d5	8.957	82	894096	69.116	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	964428	132.608	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2606069	66.976	ng	-0.01
79) Terphenyl-d14	19.763	244	5002557	61.995	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.010	94	37620	2.988	ng	# 50
49) Acenaphthylene	14.157	152	204747	4.271	ng	98
71) Phenanthrene	17.239	178	451851	6.434	ng	98
72) Anthracene	17.327	178	232719	3.387	ng	96
75) Fluoranthene	19.210	202	990986	12.591	ng	98
78) Pyrene	19.563	202	1208850	11.710	ng	98
81) Benzo(a)anthracene	21.280	228	677823	7.248	ng	98
83) Chrysene	21.333	228	631999	7.011	ng	98
87) Indeno(1,2,3-cd)pyrene	26.203	276	427567	3.950	ng	# 94
88) Benzo(b)fluoranthene	22.974	252	842078m	9.391	ng	
89) Benzo(k)fluoranthene	23.009	252	239785m	2.680	ng	
90) Benzo(a)pyrene	23.598	252	594505	7.952	ng	# 79
92) Benzo(g,h,i)perylene	26.968	276	474960	5.363	ng	96

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

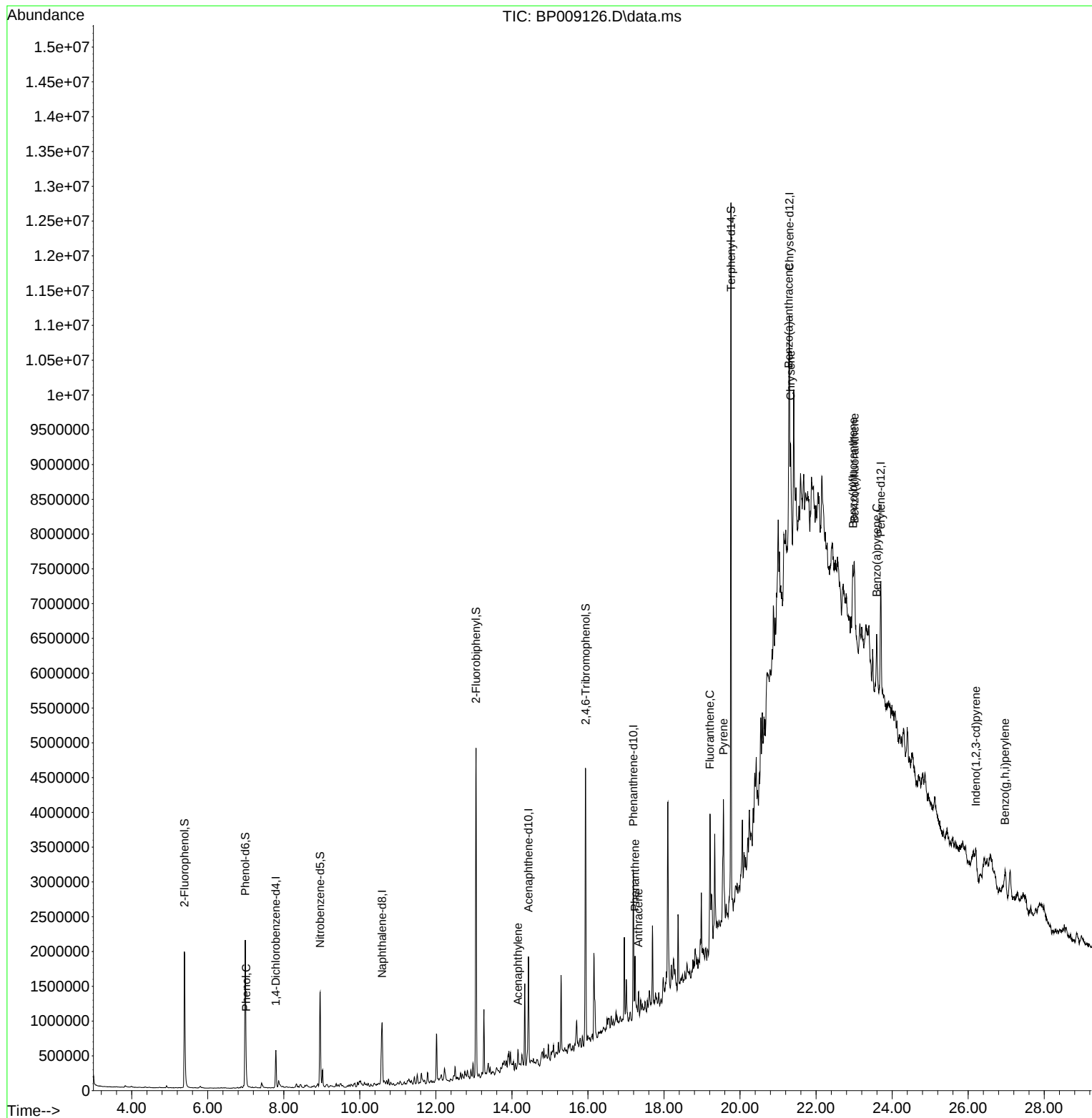
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009126.D
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ALS Vial : 17 Sample Multiplier: 1

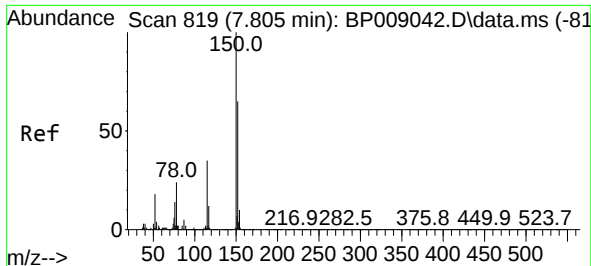
Instrument :
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Quant Time: Feb 11 23:36:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

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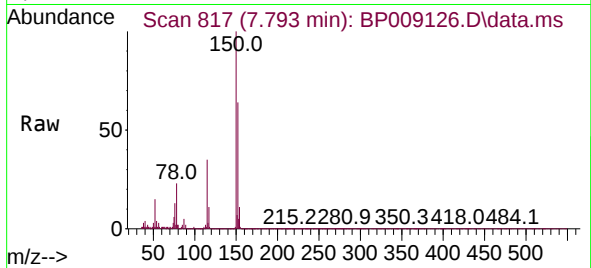
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

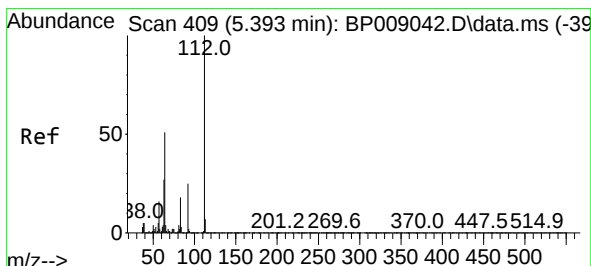
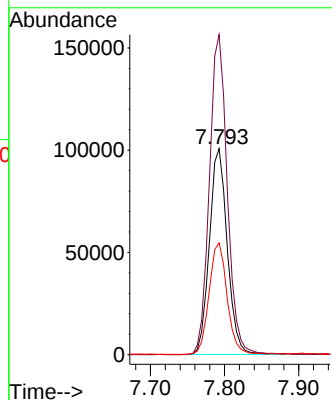
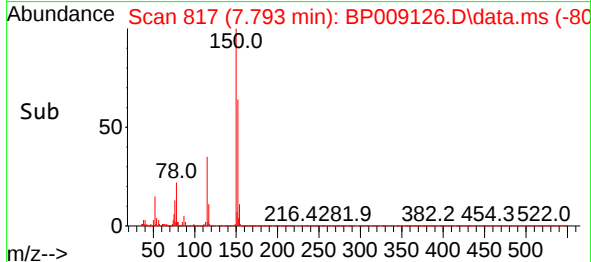
Instrument :
BNA_P
ClientSampleId :
251488



Tgt Ion:152 Resp: 16953
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 54.3 43.7 65.5

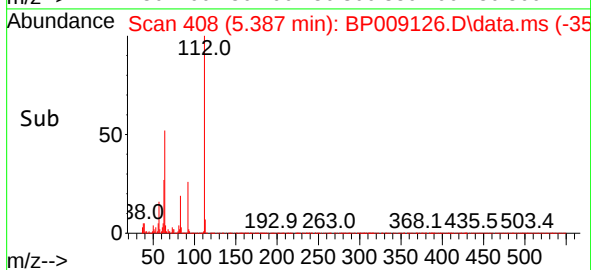
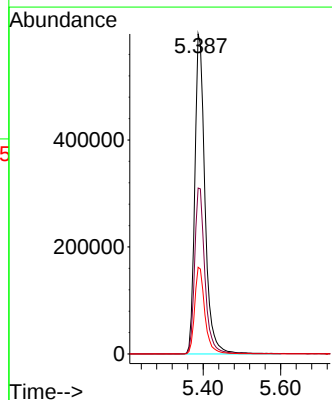
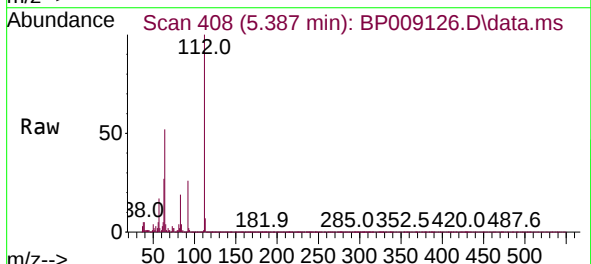
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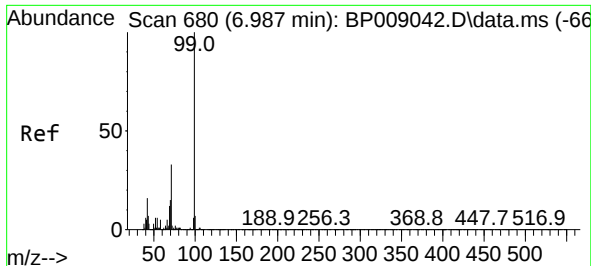
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#5
2-Fluorophenol
Concen: 114.725 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:112 Resp: 1090342
Ion Ratio Lower Upper
112 100
64 51.9 39.7 59.5
63 27.1 20.0 30.0





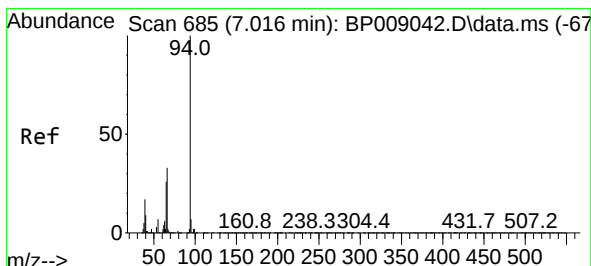
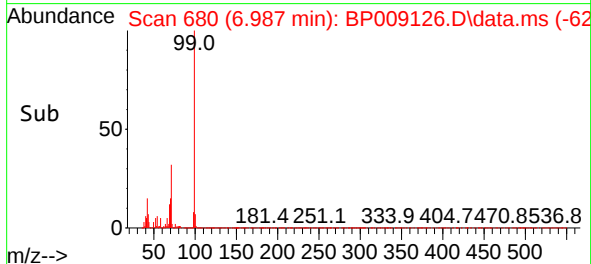
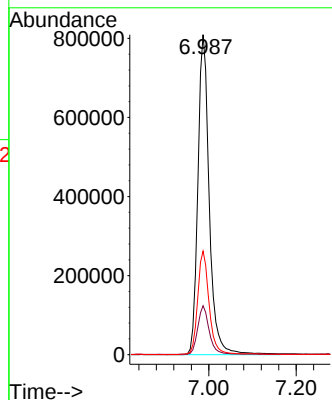
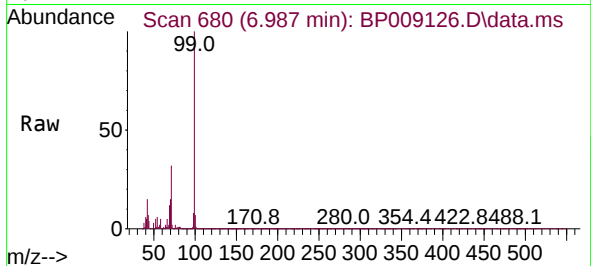
#7
Phenol-d6
Concen: 117.232 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Instrument :
BNA_P
ClientSampleId :
251488

Tgt Ion: 99 Resp: 146810
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 32.3 23.8 35.6

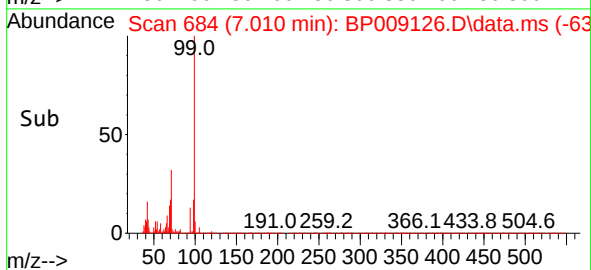
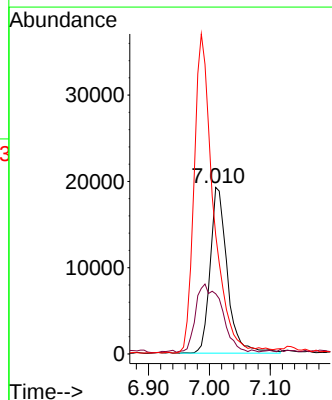
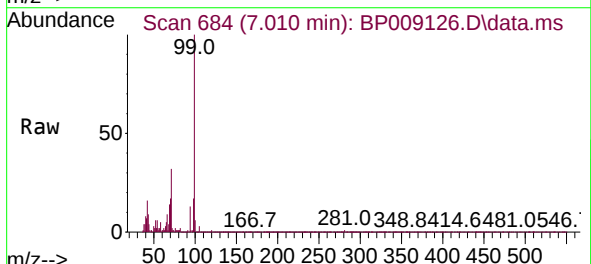
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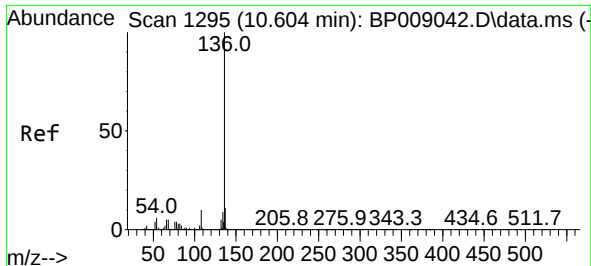
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#10
Phenol
Concen: 2.988 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion: 94 Resp: 37620
Ion Ratio Lower Upper
94 100
65 36.1 4.1 44.1
66 71.4 12.4 52.4





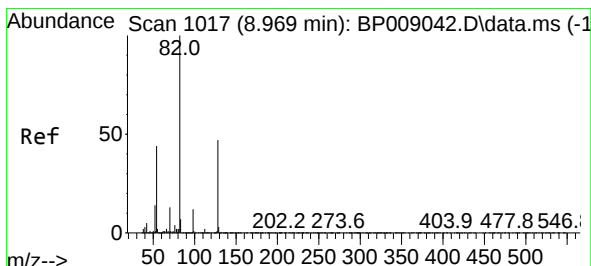
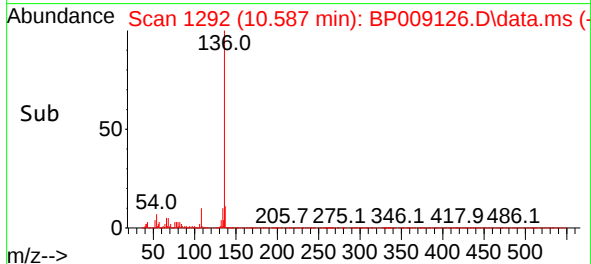
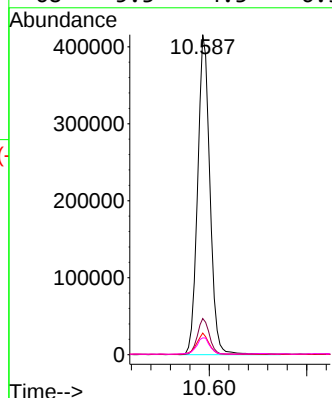
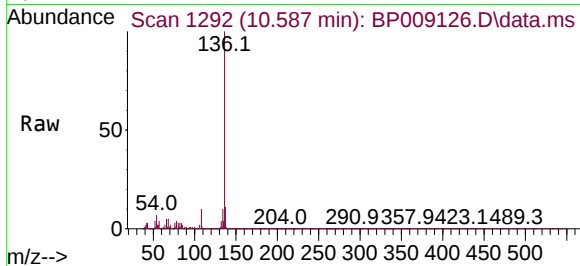
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1015
Delta R.T. -0.017 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Instrument :
BNA_P
ClientSampleId :
251488

Tgt Ion:	136	Resp:	72952
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.7	4.9	7.3
68	5.3	4.3	6.5

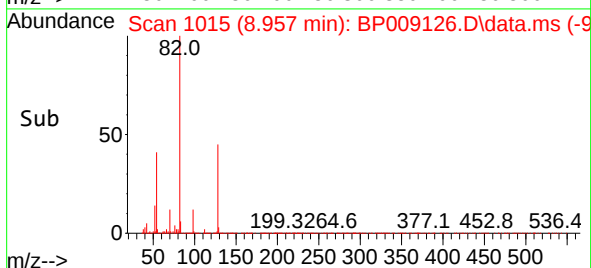
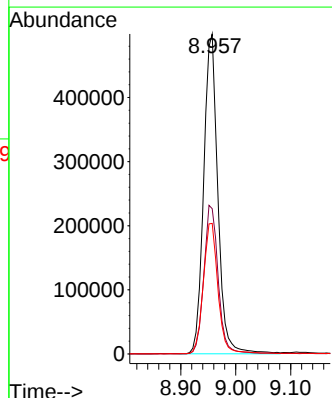
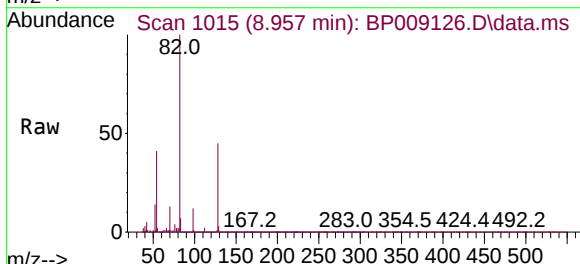
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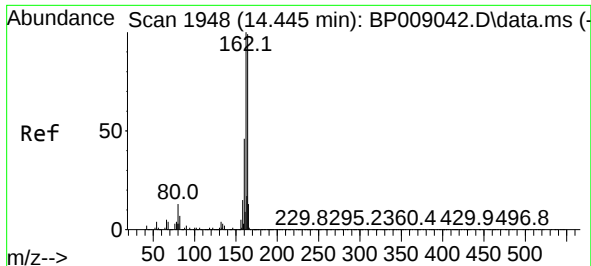
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#23
Nitrobenzene-d5
Concen: 69.116 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:	82	Resp:	894096
Ion Ratio	Lower	Upper	
82	100		
128	45.4	39.4	59.2
54	40.8	32.6	48.8





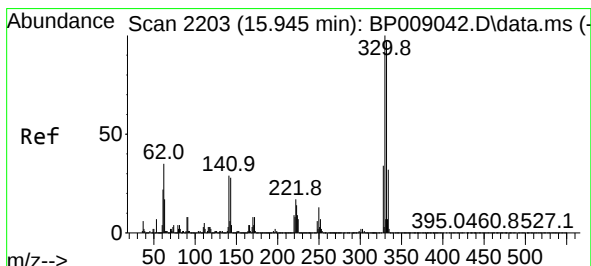
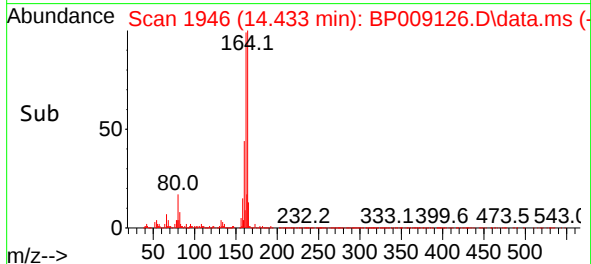
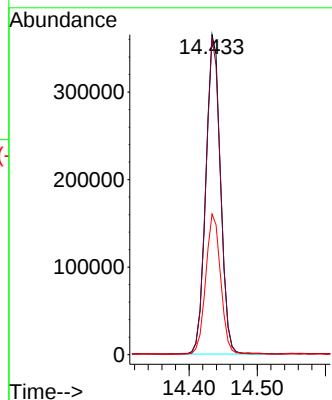
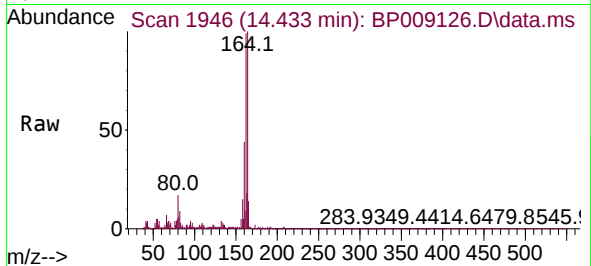
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Instrument :
BNA_P
ClientSampleId :
251488

Tgt Ion:164 Resp: 54470
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.9 35.5 53.3

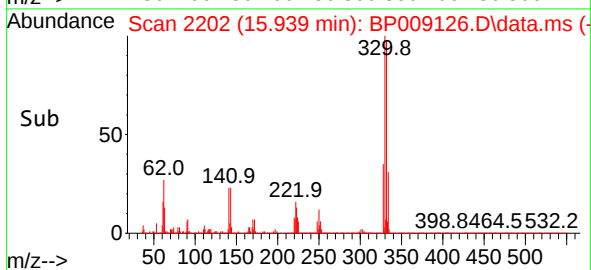
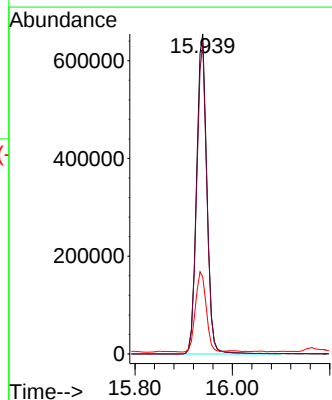
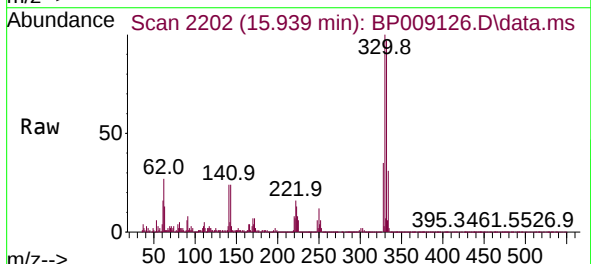
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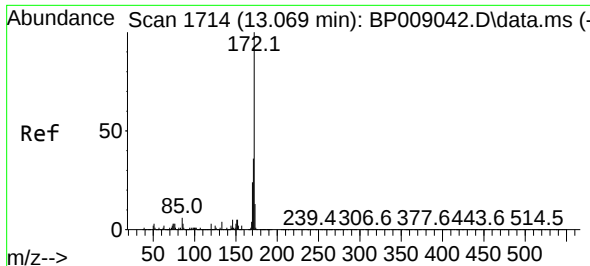
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#42
2,4,6-Tribromophenol
Concen: 132.608 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

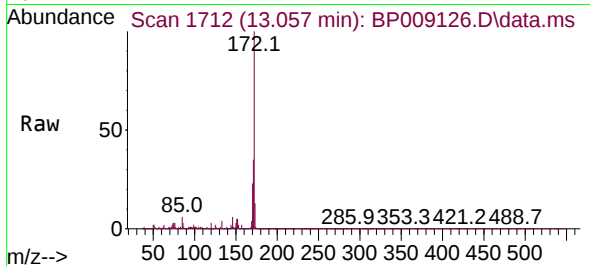
Tgt Ion:330 Resp: 964428
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 26.3 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 66.976 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

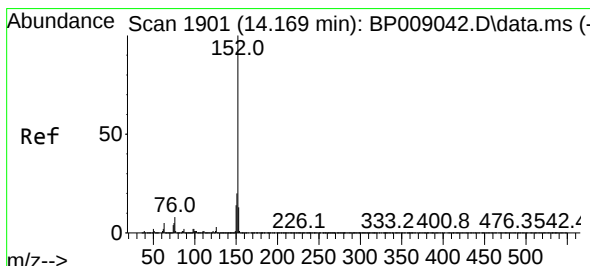
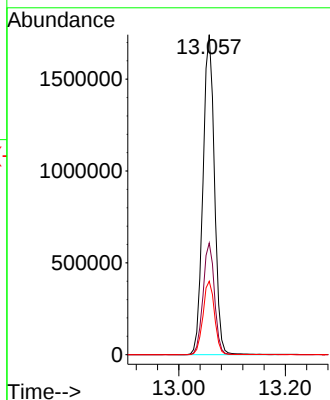
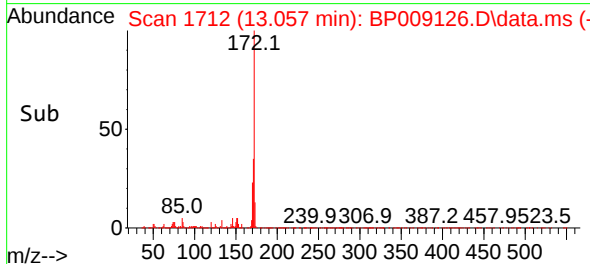
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251488



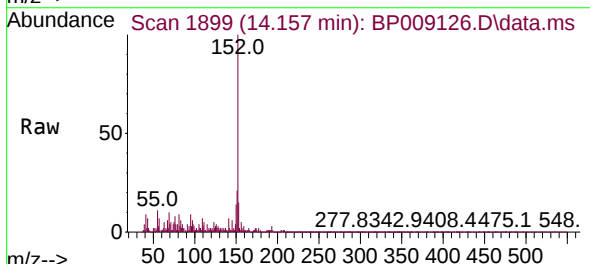
Tgt Ion:172 Resp: 2606069
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 22.9 19.5 29.3

Manual Integrations
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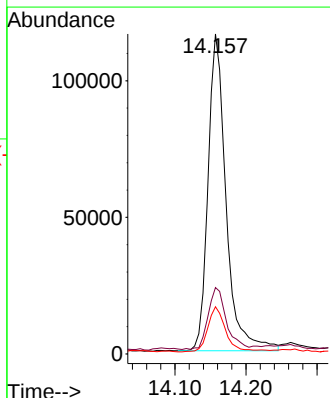
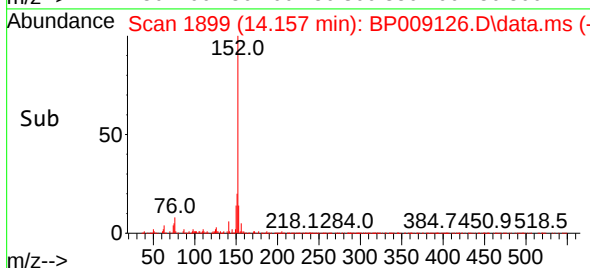
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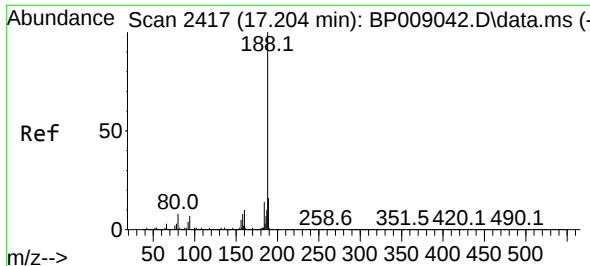


#49
Acenaphthylene
Concen: 4.271 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25



Tgt Ion:152 Resp: 204747
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.8 10.6 16.0





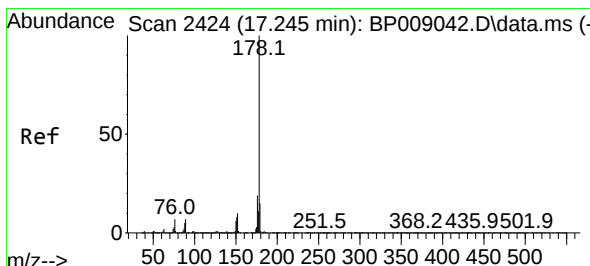
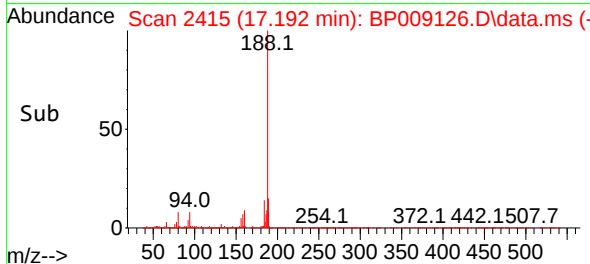
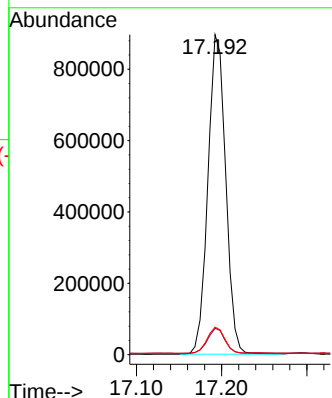
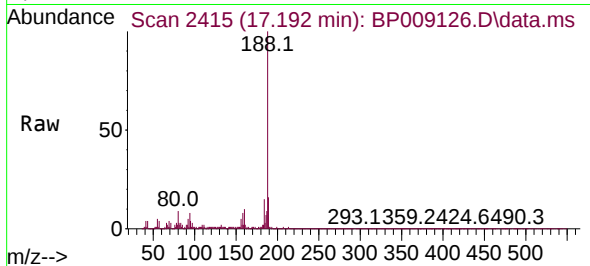
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Instrument :
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ClientSampleId :
251488

Tgt Ion:188 Resp: 129693
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.6 7.2 10.8

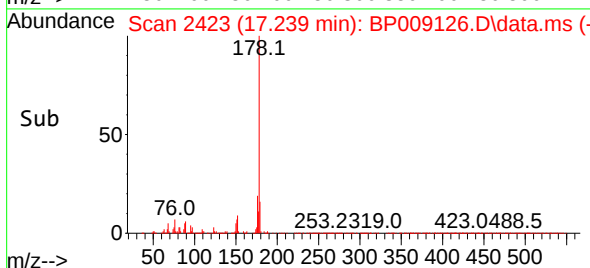
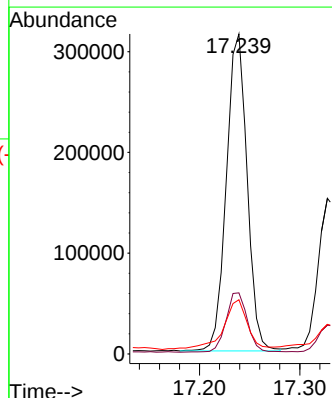
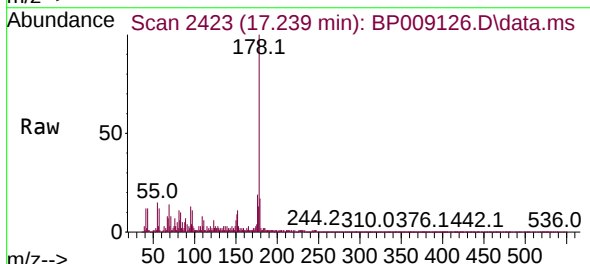
Manual Integrations
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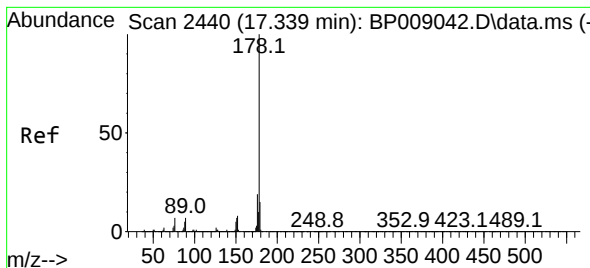
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#71
Phenanthrene
Concen: 6.434 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:178 Resp: 451851
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.9 13.0 19.4





#72

Anthracene

Concen: 3.387 ng

RT: 17.327 min Scan# 2440

Delta R.T. -0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

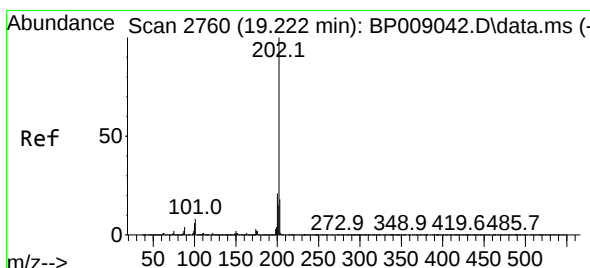
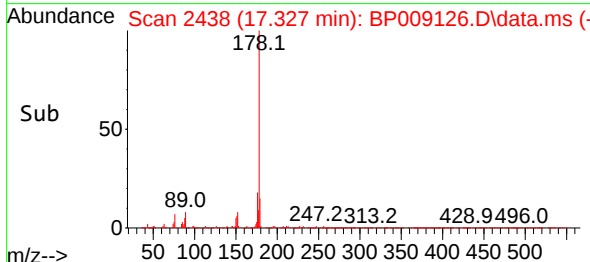
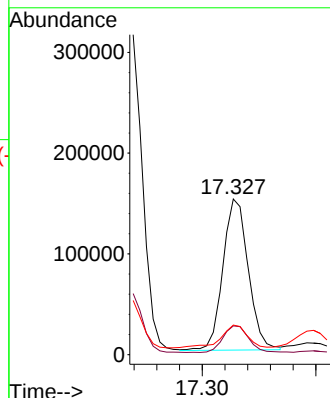
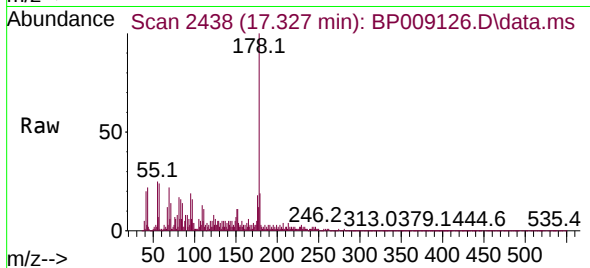
251488

Tgt Ion:178	Resp: 232719
Ion Ratio	Lower Upper
178 100	
176 18.5	15.1 22.7
179 19.0	12.8 19.2

Manual Integrations

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#75

Fluoranthene

Concen: 12.591 ng

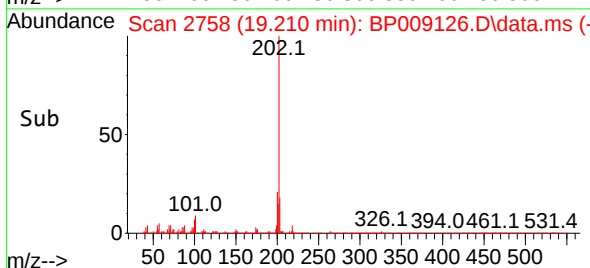
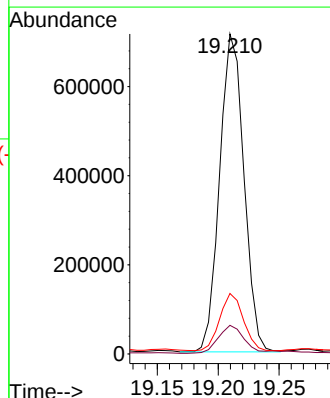
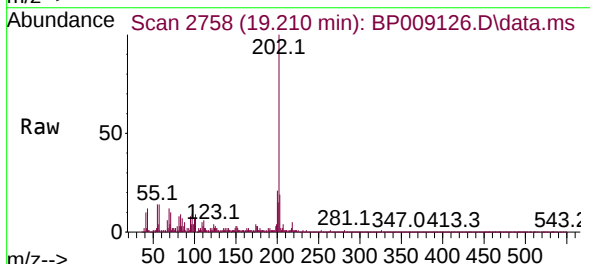
RT: 19.210 min Scan# 2758

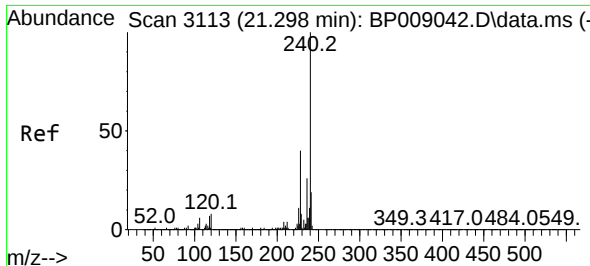
Delta R.T. -0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

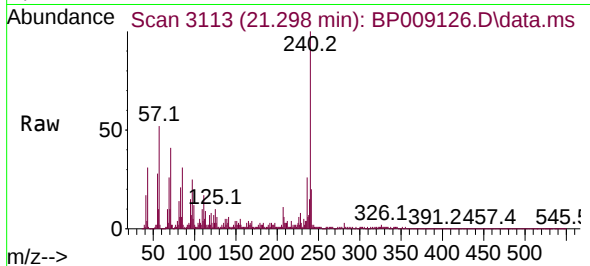
Tgt Ion:202	Resp: 990986
Ion Ratio	Lower Upper
202 100	
101 9.0	0.0 30.7
203 18.9	0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

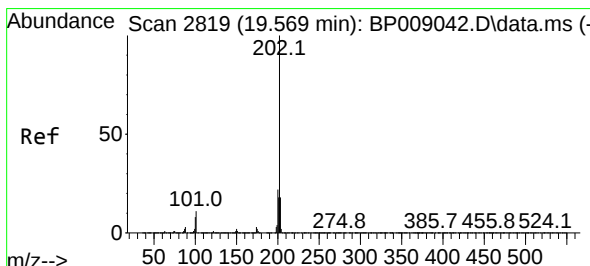
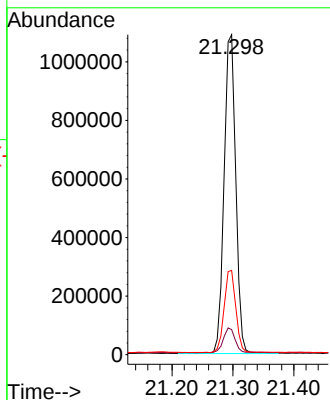
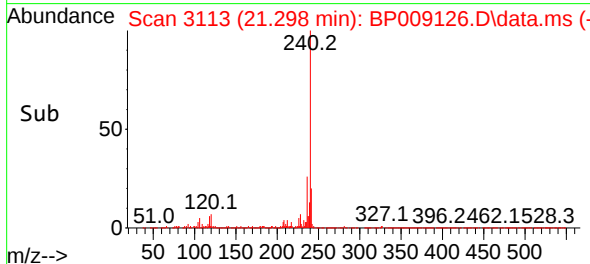
Instrument :
BNA_P
ClientSampleId :
251488



Tgt Ion:240 Resp: 1451130
Ion Ratio Lower Upper
240 100
120 7.9 7.7 11.5
236 26.3 21.2 31.8

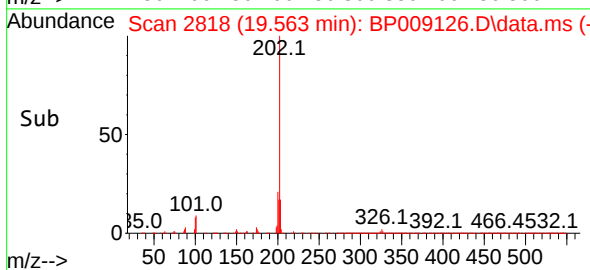
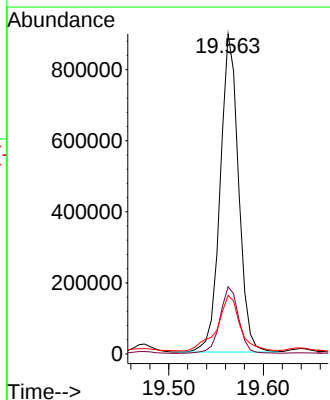
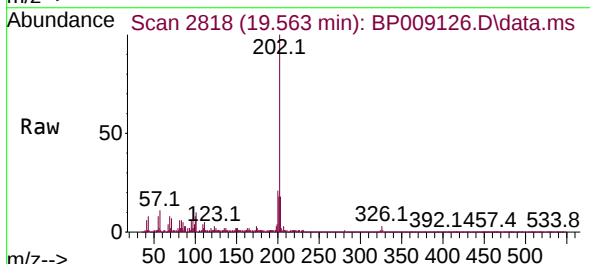
Manual Integrations
APPROVED

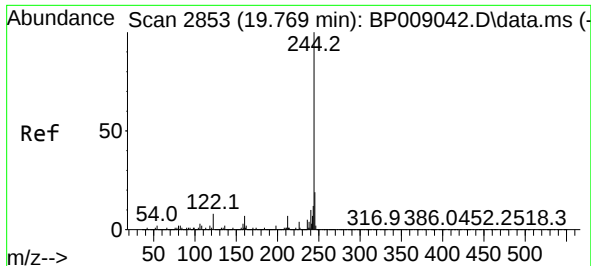
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#78
Pyrene
Concen: 11.710 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

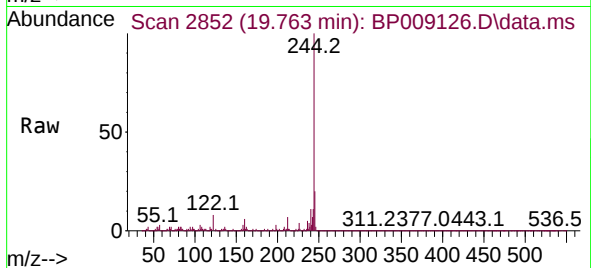
Tgt Ion:202 Resp: 1208850
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 18.3 15.0 22.6





#79
 Terphenyl-d14
 Concen: 61.995 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009126.D
 Acq: 11 Feb 2022 22:25

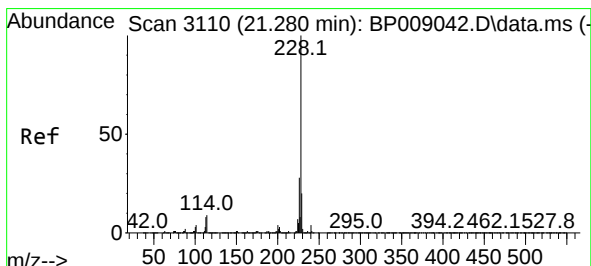
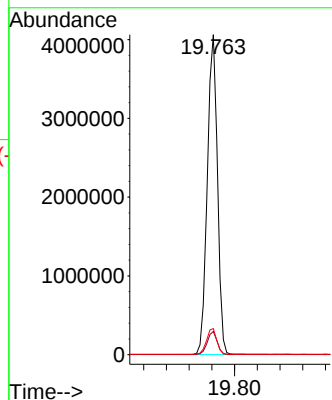
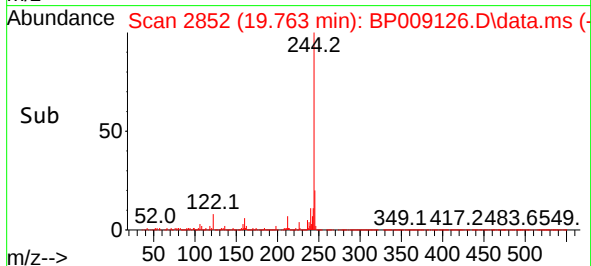
Instrument :
 BNA_P
 ClientSampleId :
 251488



Tgt Ion:244 Resp: 500255
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.1 9.2 13.8

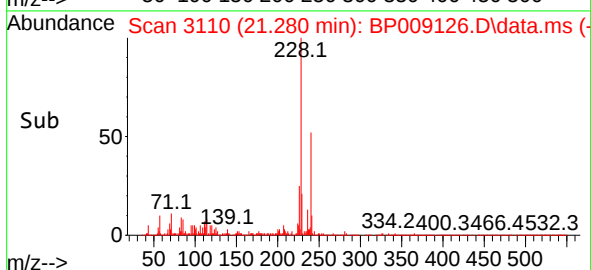
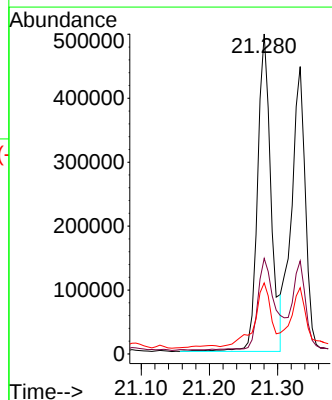
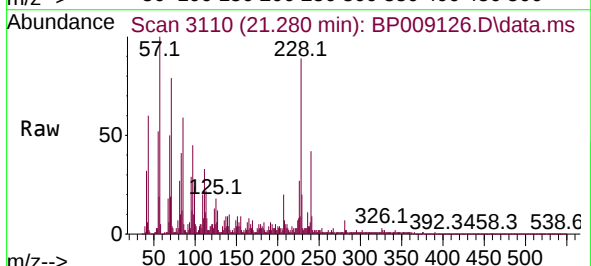
Manual Integrations
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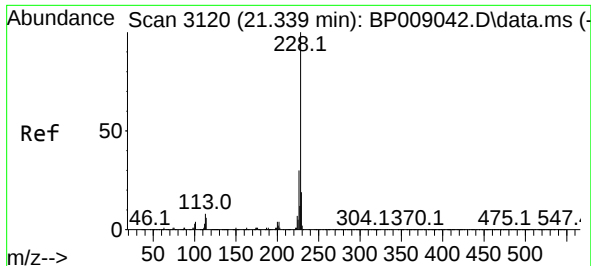
Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022



#81
 Benzo(a)anthracene
 Concen: 7.248 ng
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: BP009126.D
 Acq: 11 Feb 2022 22:25

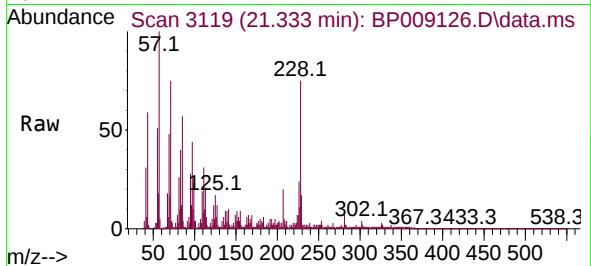
Tgt Ion:228 Resp: 677823
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.3 34.9
 229 22.2 17.0 25.6





#83
Chrysene
Concen: 7.011 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

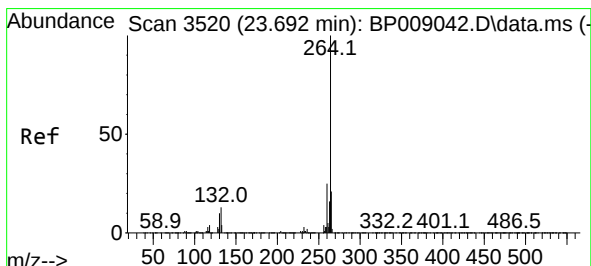
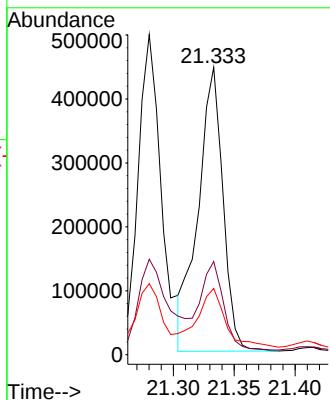
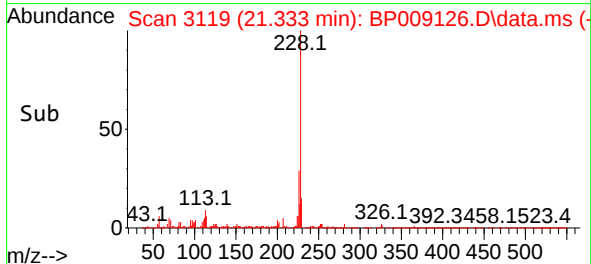
Instrument :
BNA_P
ClientSampleId :
251488



Tgt Ion:228 Resp: 631999
Ion Ratio Lower Upper
228 100
226 32.4 26.0 39.0
229 23.0 16.9 25.3

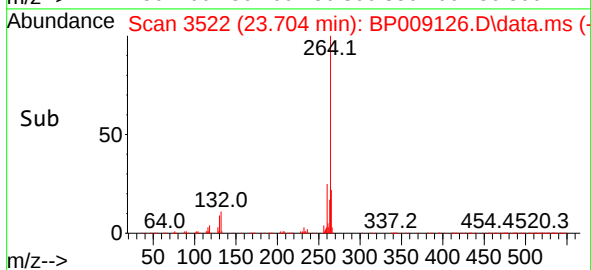
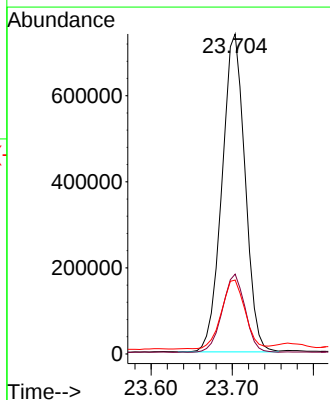
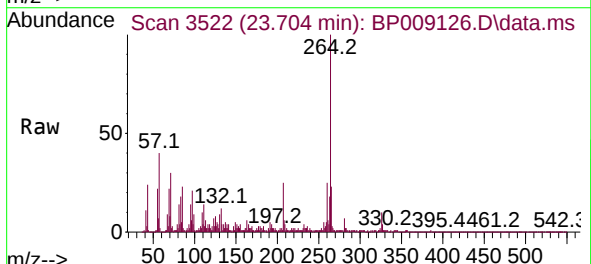
Manual Integrations
APPROVED

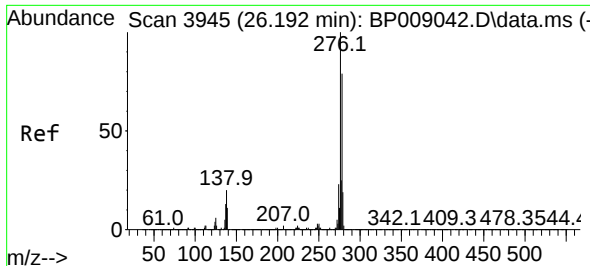
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:264 Resp: 1456639
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.1 17.1 25.7





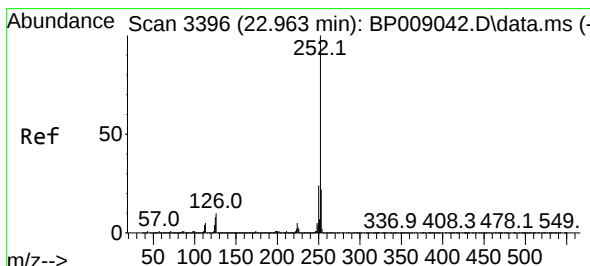
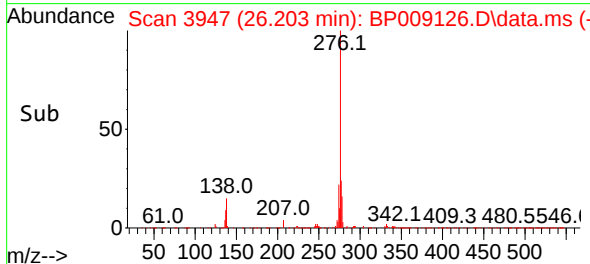
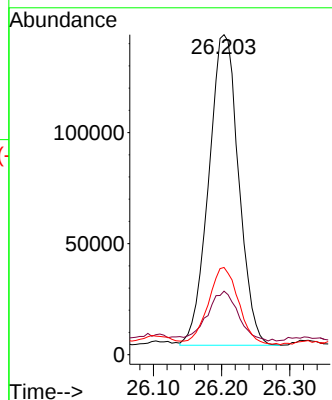
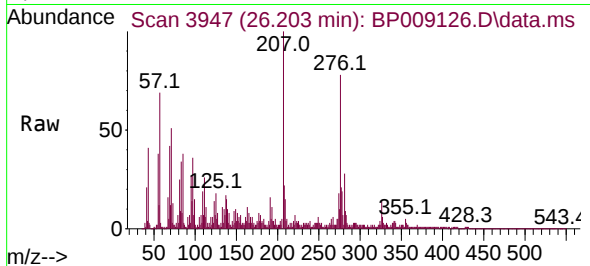
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.950 ng
RT: 26.203 min Scan# 3947
Delta R.T. 0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Instrument :
BNA_P
ClientSampleId :
251488

Tgt Ion: 276 Resp: 42756
Ion Ratio Lower Upper
276 100
138 16.4 17.8 26.6
277 25.2 20.4 30.6

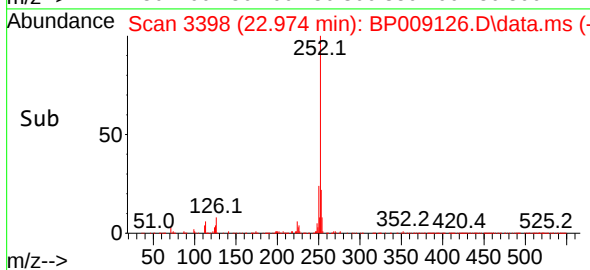
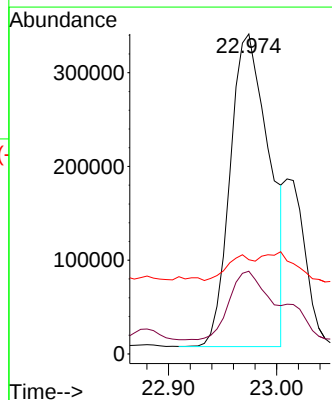
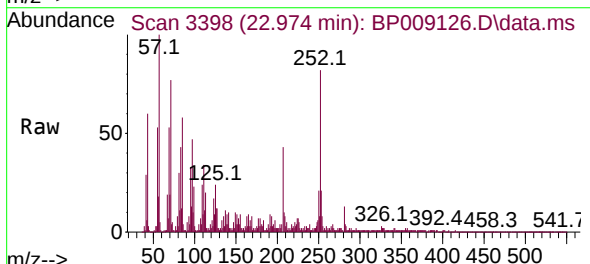
Manual Integrations
APPROVED

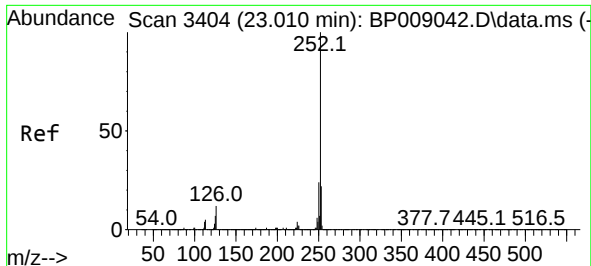
Reviewed By : Jagrut Upadhyay 02/14/2022
Supervised By : mohammad ahmed 02/15/2022



#88
Benzo(b)fluoranthene
Concen: 9.391 ng m
RT: 22.974 min Scan# 3398
Delta R.T. 0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

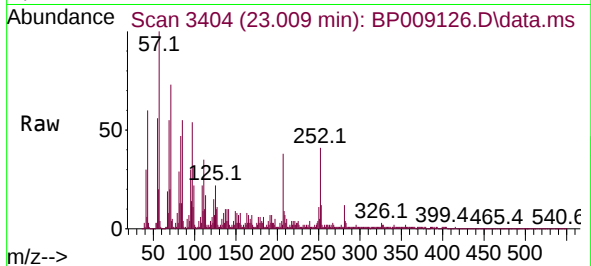
Tgt Ion: 252 Resp: 842078
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 29.4 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 2.680 ng m
RT: 23.009 min Scan# 3404
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

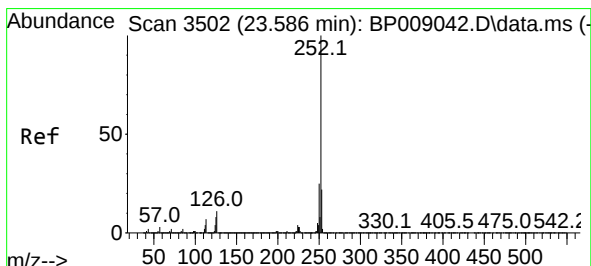
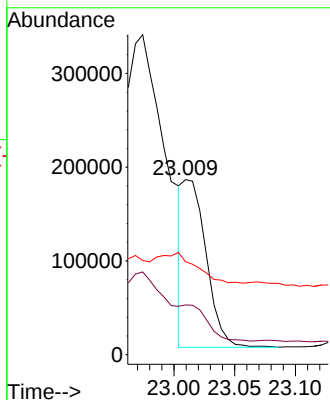
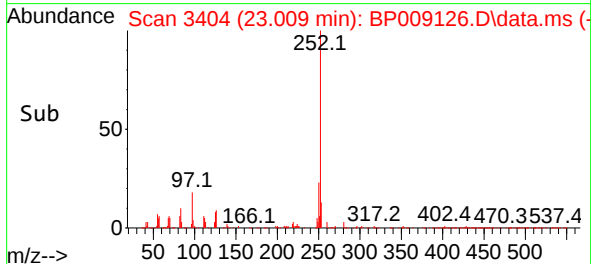
Instrument :
BNA_P
ClientSampleId :
251488



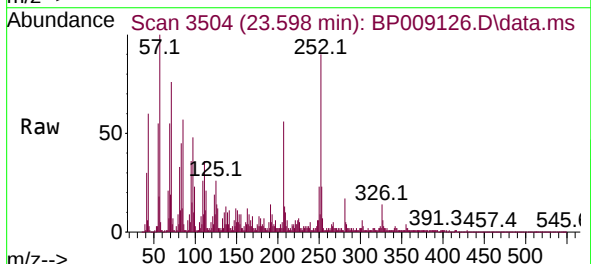
Tgt Ion:252 Resp: 239785
Ion Ratio Lower Upper
252 100
253 28.5 18.2 27.2
125 53.2 7.3 10.9

Manual Integrations
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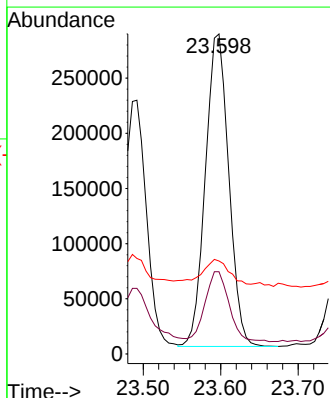
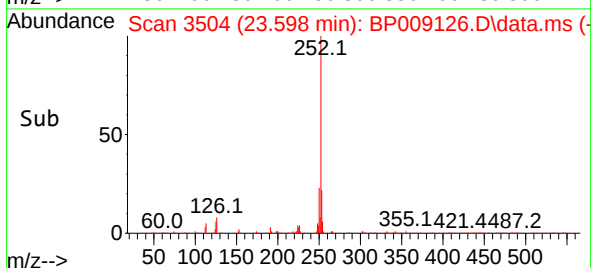
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

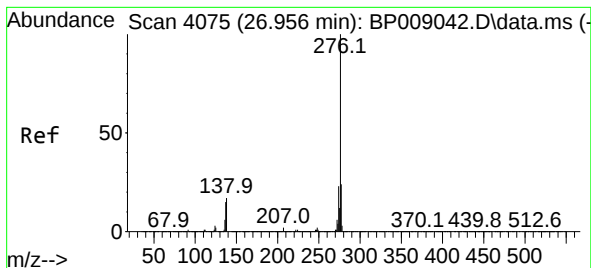


#90
Benzo(a)pyrene
Concen: 7.952 ng
RT: 23.598 min Scan# 3504
Delta R.T. 0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25



Tgt Ion:252 Resp: 594505
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 29.1 7.8 11.6





#92

Benzo(g,h,i)perylene

Concen: 5.363 ng

RT: 26.968 min Scan# 4077

Delta R.T. 0.012 min

Lab File: BP009126.D

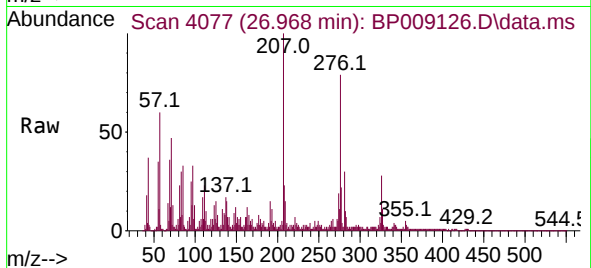
Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

251488



Tgt Ion:276 Resp: 474960

Ion Ratio Lower Upper

276 100

277 27.5 19.2 28.8

138 18.8 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022

Supervised By :mohammad ahmed 02/15/2022

