

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020718.D
 Acq On : 01 Jul 2024 14:46
 Operator : MA/JU
 Sample : P2897-14DL2 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T61DL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 01:14:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	225370	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	928650	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	573211	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1049445	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	894395	20.000	ng/u1	0.00
88) Perylene-d12	25.003	264	1110080	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	8975	0.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	6385	0.545	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.287	132	8061	0.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	6445	0.429	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	3782	0.552	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	3707	0.540	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	6683	0.473	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	5413m	0.273	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	27813	0.698	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	29358	0.617	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.380	176	23293	0.695	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.280	188	32002	0.679	ng/u1	0.00
81) Pyrene-d10	19.663	212	28922	0.538	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	24141m	0.447	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.563	128	2731436	54.953	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	950752	28.555	ng/u1	98
37) 1-Methylnaphthalene	12.392	142	581259	17.077	ng/u1	100
43) 1,1'-Biphenyl	13.186	154	129754	3.027	ng/u1	98
50) Acenaphthylene	14.086	152	114621	2.134	ng/u1#	91
52) Acenaphthene	14.428	153	366301	10.279	ng/u1	99
61) Fluorene	15.433	166	259450	6.725	ng/u1	98
72) Phenanthrene	17.227	178	1122879	20.433	ng/u1	100
74) Anthracene	17.316	178	289347	5.119	ng/u1	99
80) Fluoranthene	19.315	202	369325	5.627	ng/u1	99
82) Pyrene	19.692	202	469610	6.977	ng/u1	98
85) Benzo(a)anthracene	21.615	228	198998m	3.174	ng/u1	
87) Chrysene	21.686	228	166733	2.814	ng/u1	99
90) Benzo(b)fluoranthene	23.933	252	123622m	1.838	ng/u1	
93) Benzo(a)pyrene	24.839	252	80139	1.262	ng/u1#	94

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

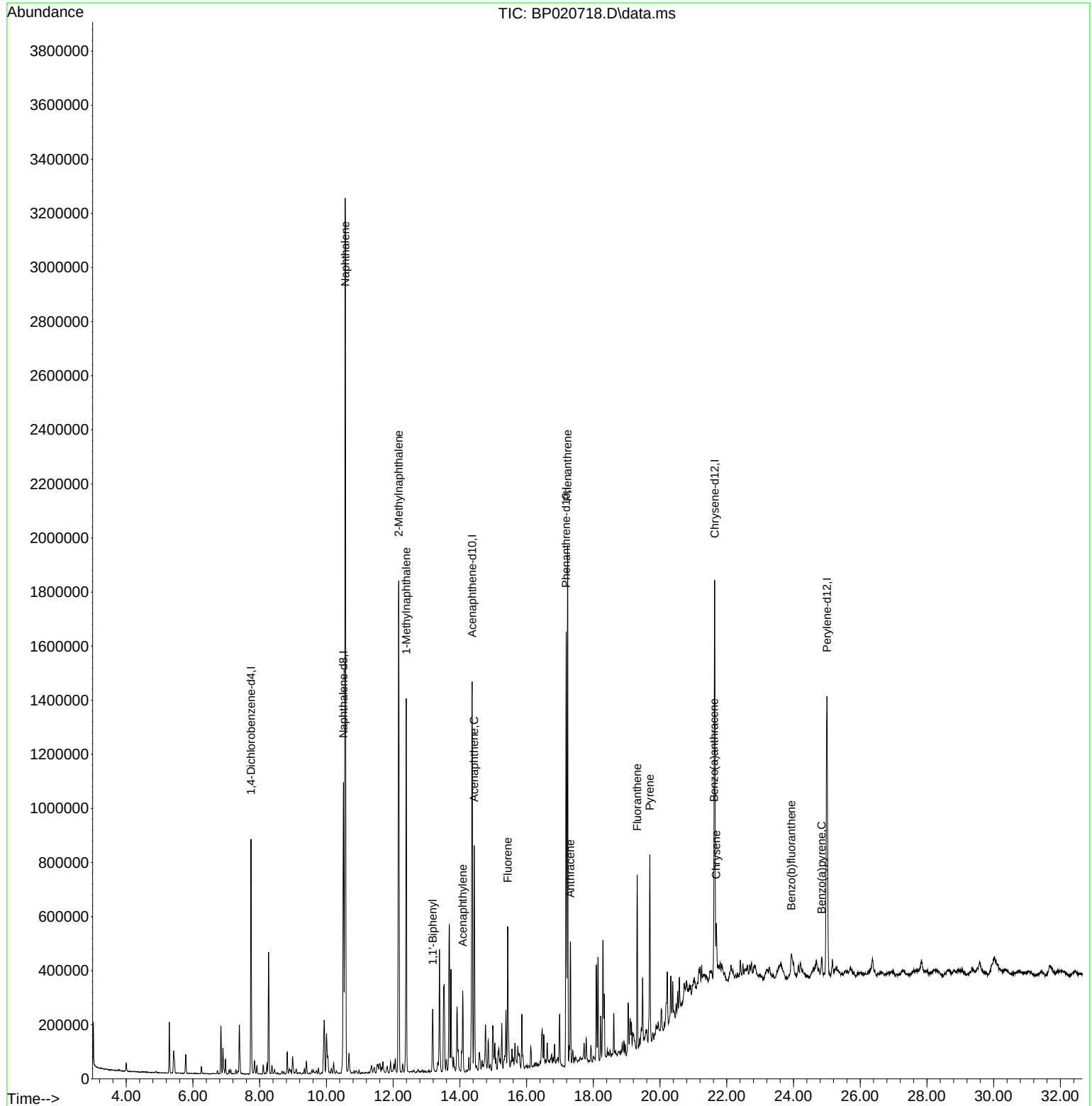
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020718.D
Acq On : 01 Jul 2024 14:46
Operator : MA/JU
Sample : P2897-14DL2 50X
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ALS Vial : 8 Sample Multiplier: 1

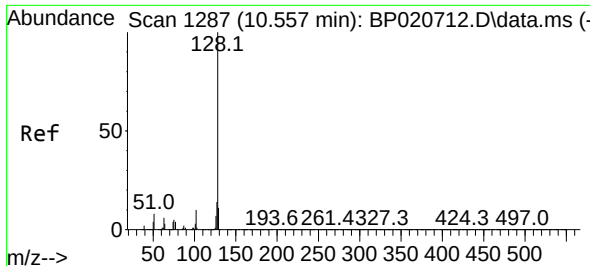
Instrument :
BNA_P
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Quant Time: Jul 02 01:14:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
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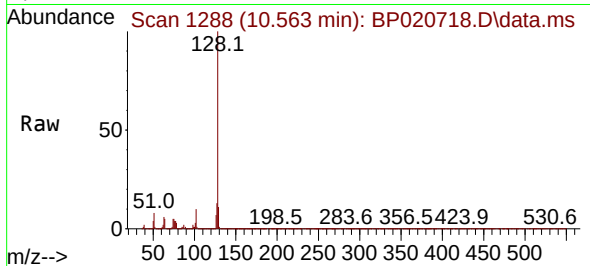
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#30
Naphthalene
Concen: 54.953 ng/ul
RT: 10.563 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46

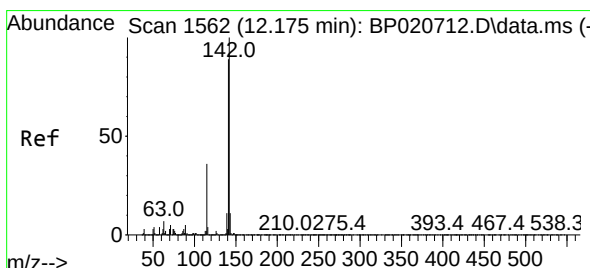
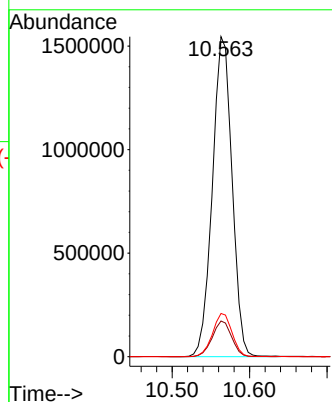
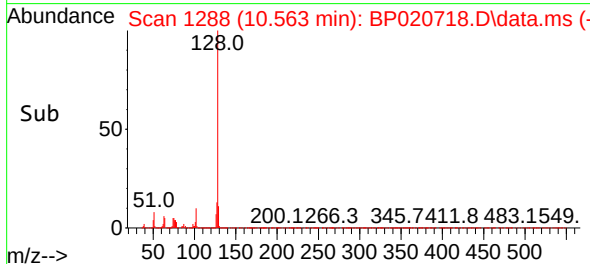
Instrument :
BNA_P
ClientSampleId :
C0T61DL2



Tgt Ion:128 Resp: 2731430
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 15.8

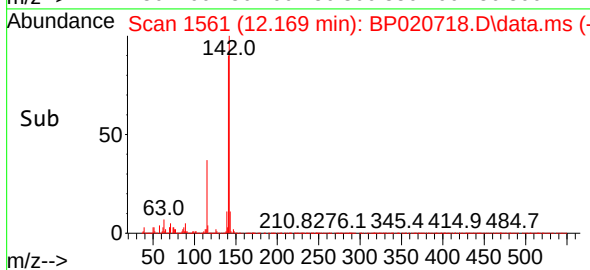
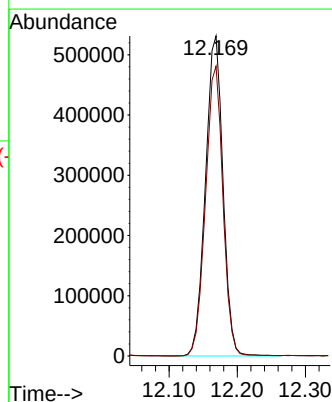
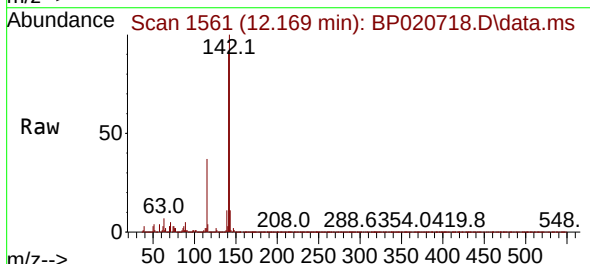
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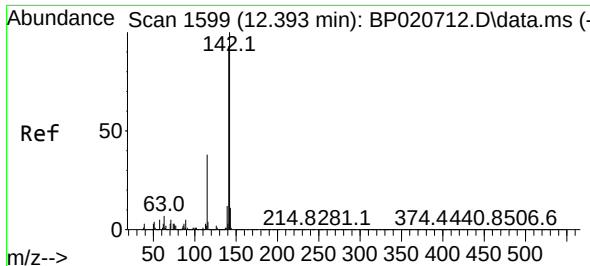
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 28.555 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46

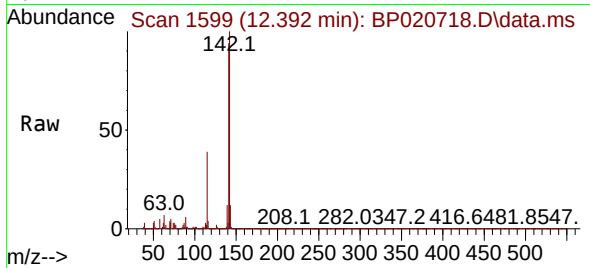
Tgt Ion:142 Resp: 950752
Ion Ratio Lower Upper
142 100
141 90.6 71.1 106.7





#37
1-Methylnaphthalene
Concen: 17.077 ng/ul
RT: 12.392 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46

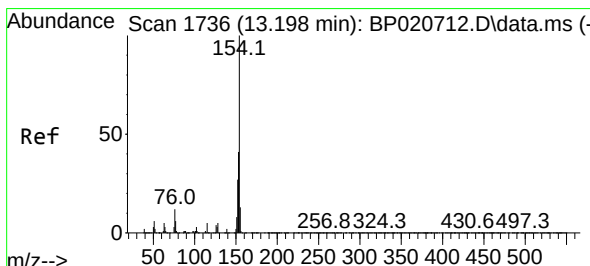
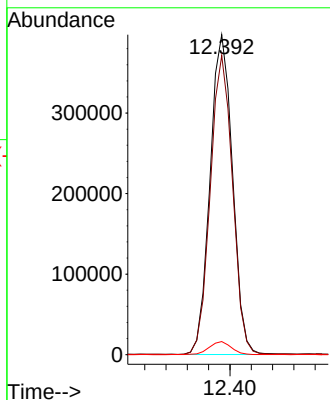
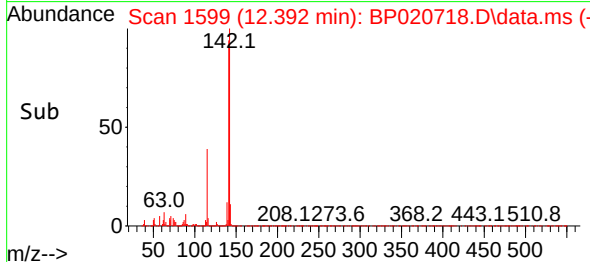
Instrument :
BNA_P
ClientSampleId :
C0T61DL2



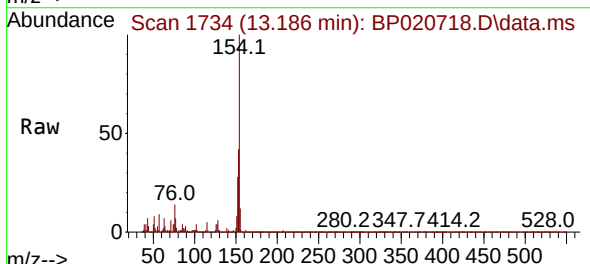
Tgt Ion:142 Resp: 581259
Ion Ratio Lower Upper
142 100
141 93.5 74.9 112.3
116 4.1 3.3 4.9

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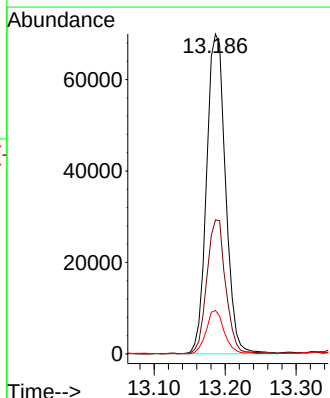
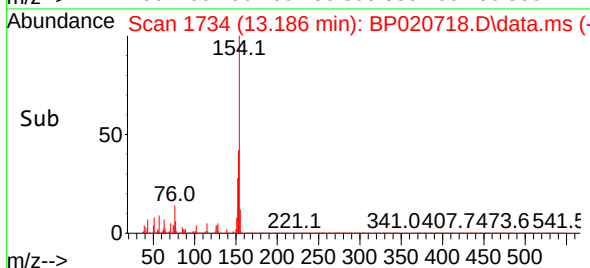
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

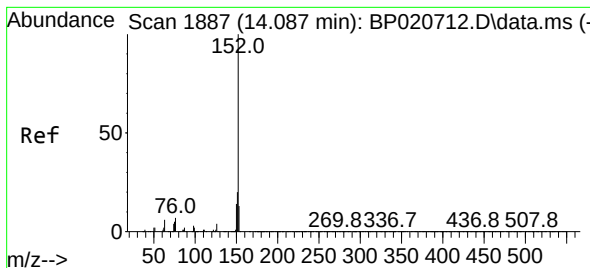


#43
1,1'-Biphenyl
Concen: 3.027 ng/ul
RT: 13.186 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46



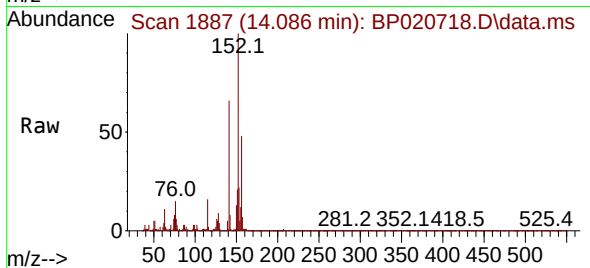
Tgt Ion:154 Resp: 129754
Ion Ratio Lower Upper
154 100
153 41.9 32.6 48.8
76 13.6 10.8 16.2





#50
Acenaphthylene
Concen: 2.134 ng/ul
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46

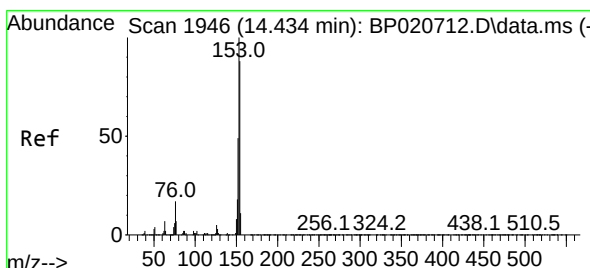
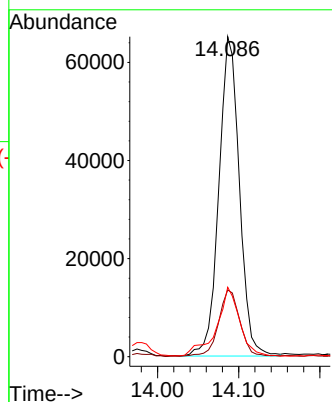
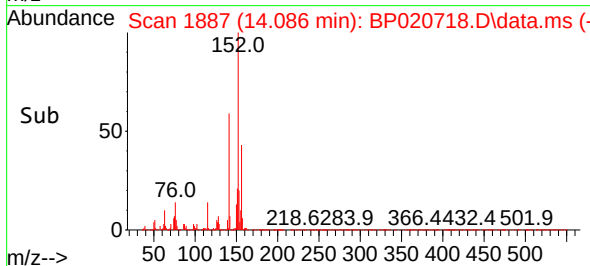
Instrument :
BNA_P
ClientSampleId :
C0T61DL2



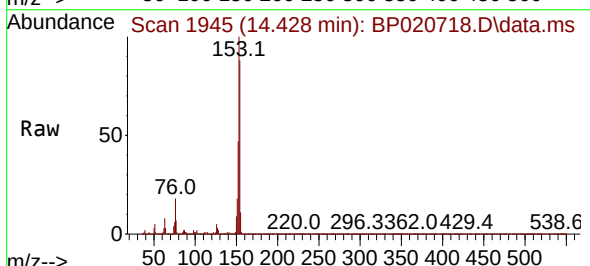
Tgt Ion:152 Resp: 11462
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 21.7 10.8 16.2

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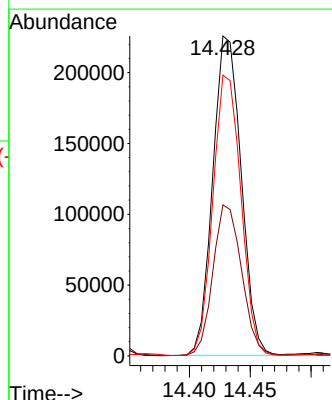
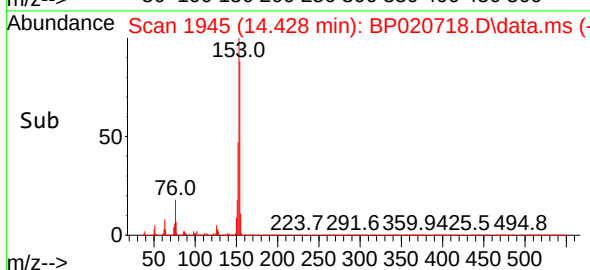
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

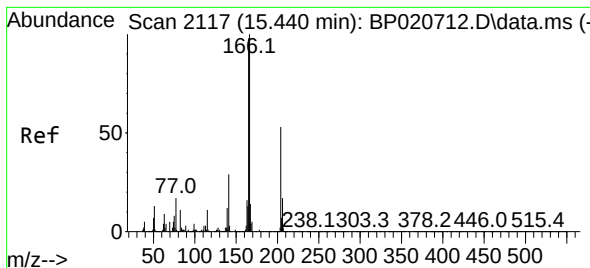


#52
Acenaphthene
Concen: 10.279 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP020718.D
Acq: 01 Jul 2024 14:46



Tgt Ion:153 Resp: 366301
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.2
154 87.7 69.8 104.6





#61

Fluorene

Concen: 6.725 ng/ul

RT: 15.433 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

C0T61DL2

Tgt Ion:166 Resp: 259450

Ion Ratio Lower Upper

166 100

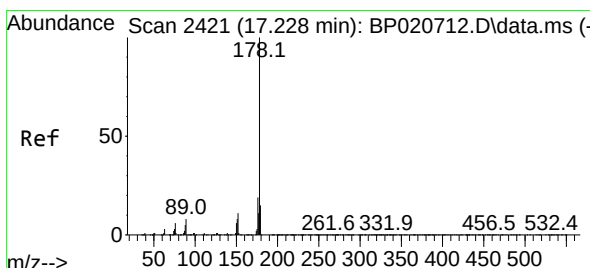
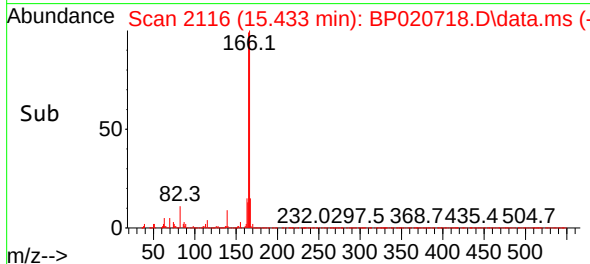
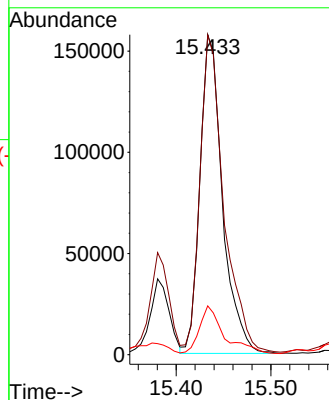
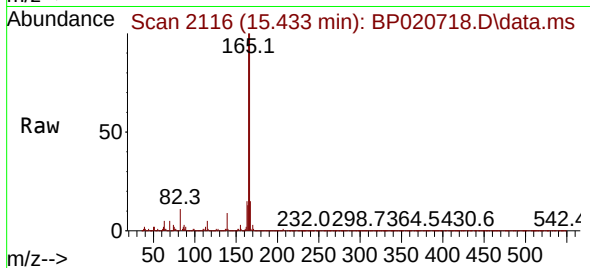
165 99.9 78.8 118.2

167 15.2 11.2 16.8

Manual Integrations

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#72

Phenanthrene

Concen: 20.433 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

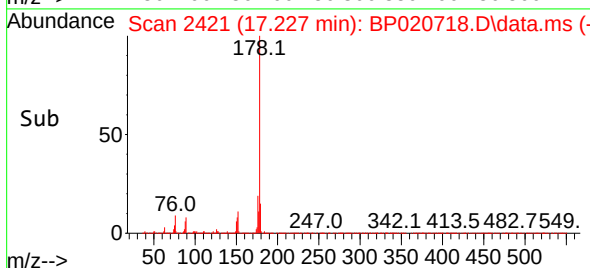
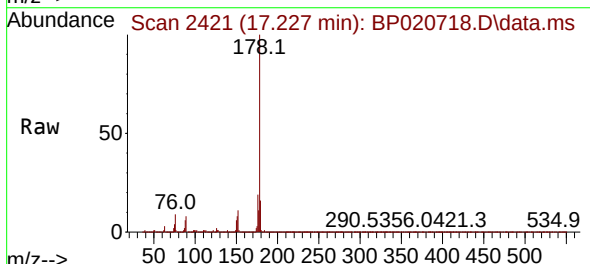
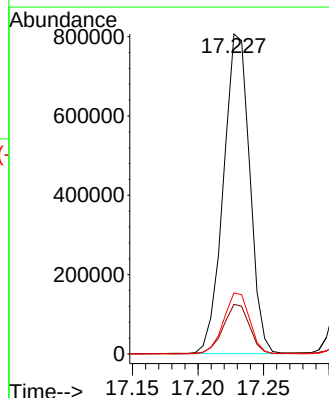
Tgt Ion:178 Resp: 1122879

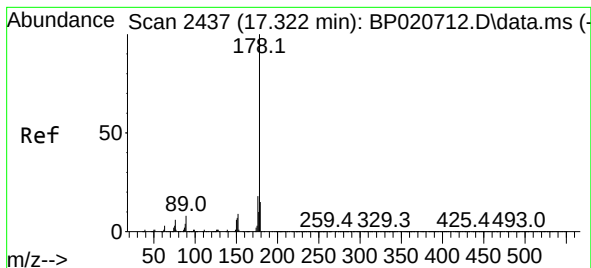
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.1 15.4 23.2





#74

Anthracene

Concen: 5.119 ng/ul

RT: 17.316 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

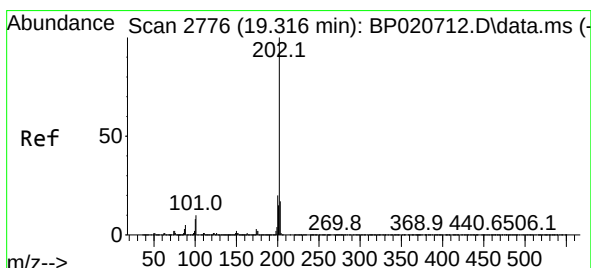
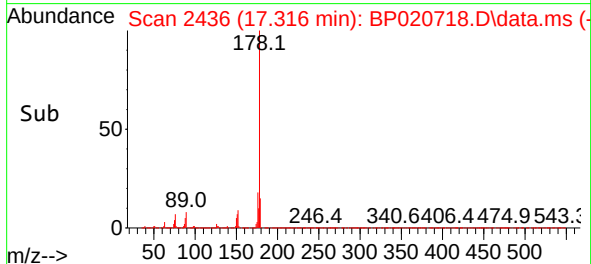
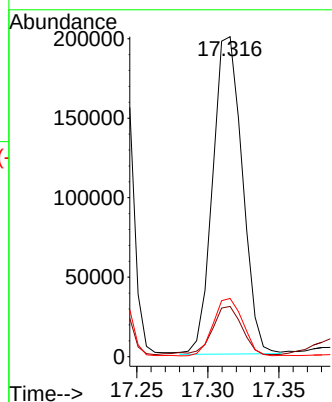
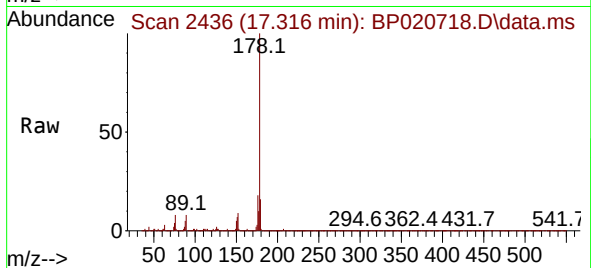
C0T61DL2

Tgt Ion:178	Resp: 28934
Ion Ratio	Lower Upper
178 100	
179 15.7	12.1 18.1
176 18.2	15.0 22.4

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#80

Fluoranthene

Concen: 5.627 ng/ul

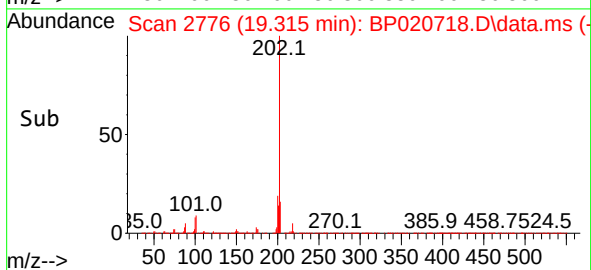
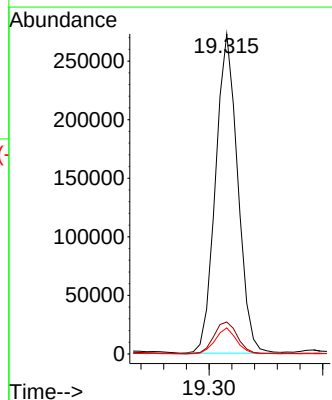
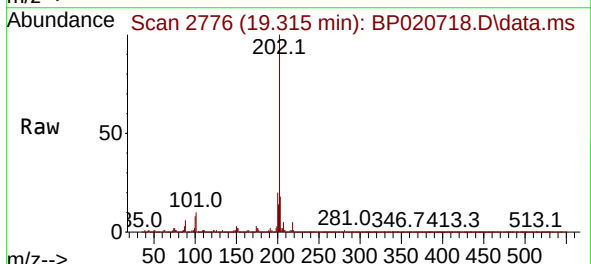
RT: 19.315 min Scan# 2776

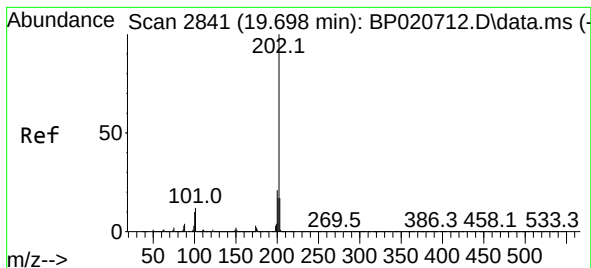
Delta R.T. -0.006 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Tgt Ion:202	Resp: 369325
Ion Ratio	Lower Upper
202 100	
101 10.0	8.2 12.4
100 8.2	6.6 10.0





#82

Pyrene

Concen: 6.977 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

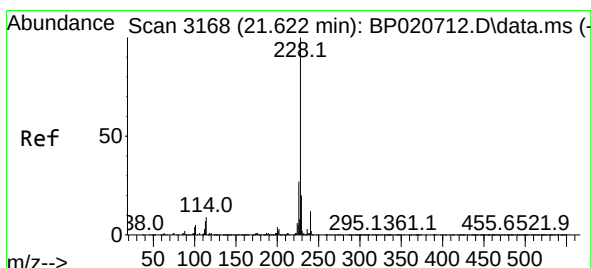
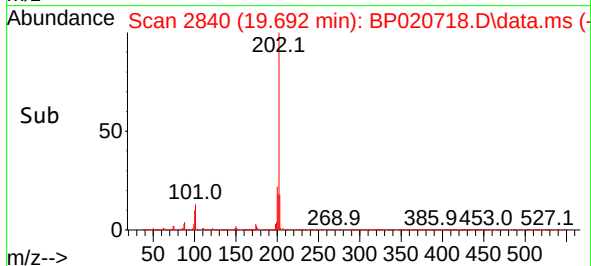
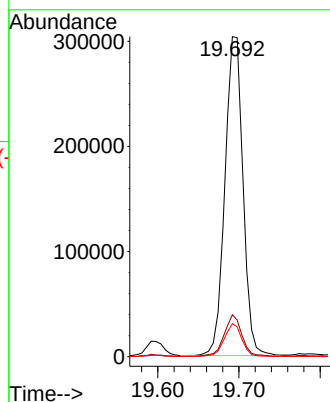
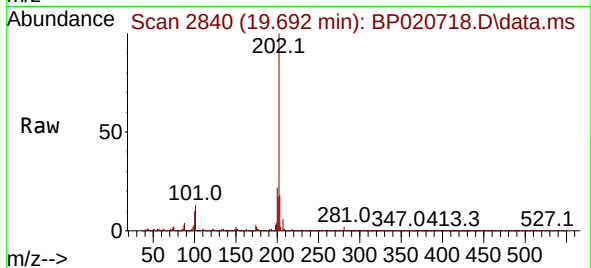
C0T61DL2

Tgt Ion:	202	Resp:	469610
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.8	14.8
100	10.3	7.9	11.9

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.174 ng/ul m

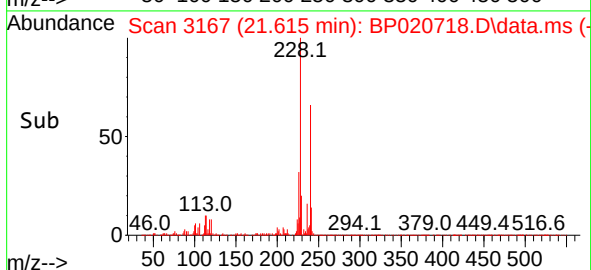
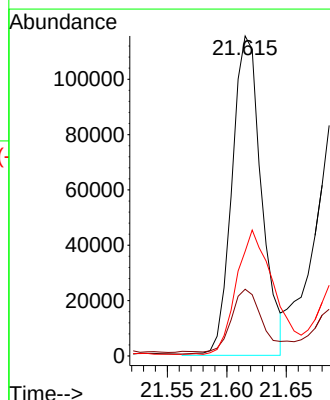
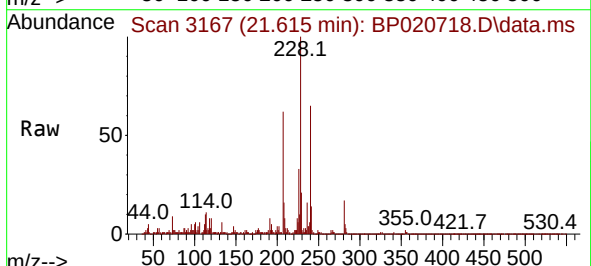
RT: 21.615 min Scan# 3167

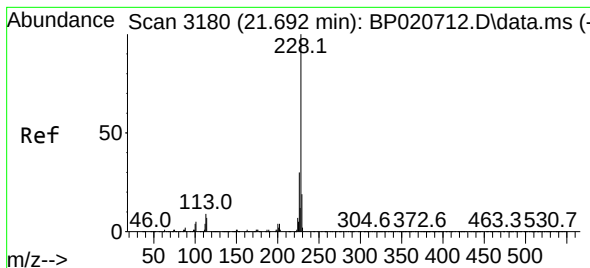
Delta R.T. -0.006 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Tgt Ion:	228	Resp:	198998
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.2	22.8
226	32.7	21.1	31.7#





#87

Chrysene

Concen: 2.814 ng/ul

RT: 21.686 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

Instrument :

BNA_P

ClientSampleId :

C0T61DL2

Tgt Ion:228 Resp: 16673

Ion Ratio Lower Upper

228 100

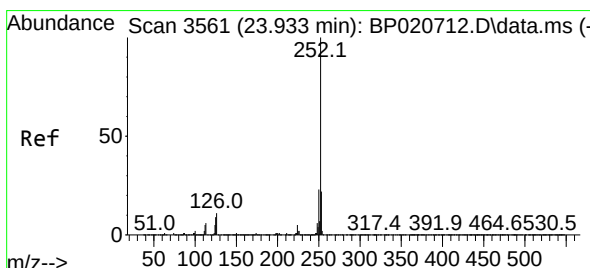
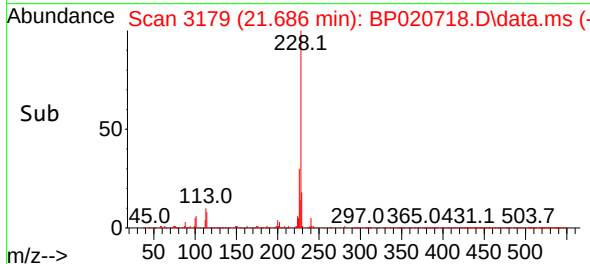
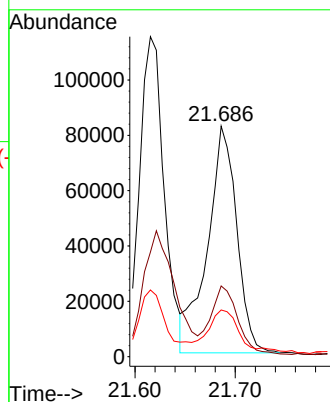
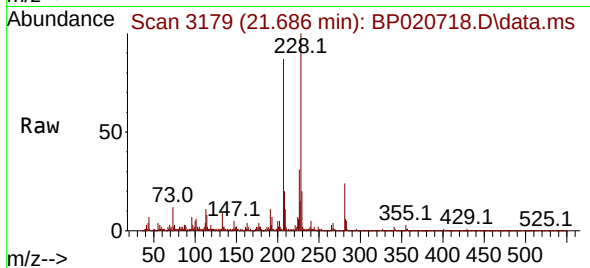
226 30.7 23.8 35.6

229 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#90

Benzo(b)fluoranthene

Concen: 1.838 ng/ul m

RT: 23.933 min Scan# 3561

Delta R.T. -0.006 min

Lab File: BP020718.D

Acq: 01 Jul 2024 14:46

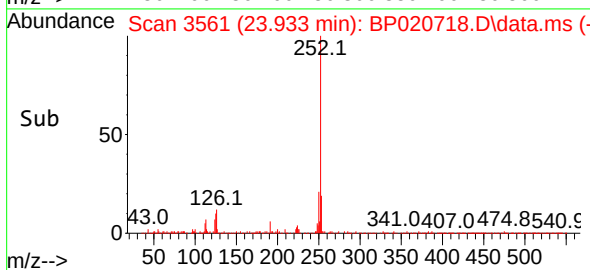
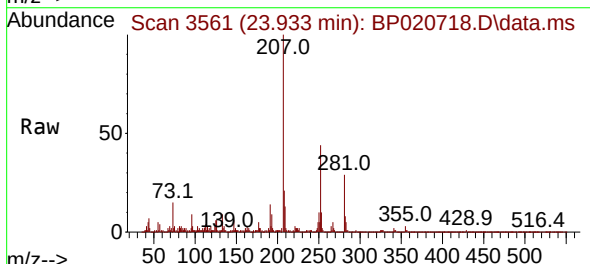
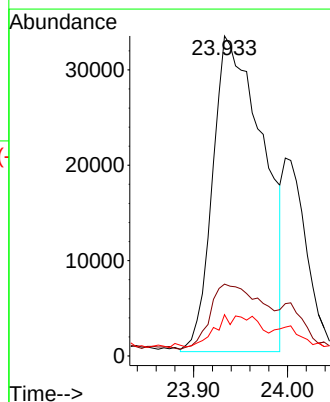
Tgt Ion:252 Resp: 123622

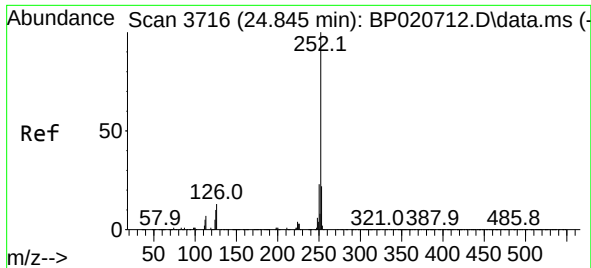
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

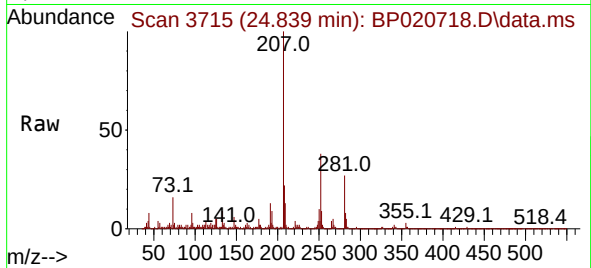
125 12.9 7.9 11.9#





#93
 Benzo(a)pyrene
 Concen: 1.262 ng/ul
 RT: 24.839 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP020718.D
 Acq: 01 Jul 2024 14:46

Instrument :
 BNA_P
 ClientSampleId :
 C0T61DL2



Tgt Ion: 252 Resp: 80139

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	14.2	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

