

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019734.D
 Acq On : 15 Feb 2024 21:26
 Operator : MA/JU
 Sample : P1464-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PN-3(SMALL-STOCK-PILE)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 16 00:56:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	66007	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	232568	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	151586	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	358586	20.000	ng	0.00
76) Chrysene-d12	21.392	240	407310	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	486049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	299789	73.210	ng	-0.01
7) Phenol-d6	7.075	99	376803	68.243	ng	-0.01
23) Nitrobenzene-d5	9.069	82	257919	48.055	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	214379	96.861	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	571377	46.597	ng	-0.02
79) Terphenyl-d14	19.863	244	1188416	47.983	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.751	128	43276	3.393	ng	# 89
37) 2-Methylnaphthalene	12.363	142	41637	4.717	ng	96
38) 1-Methylnaphthalene	12.581	142	58894	6.789	ng	# 97
52) Acenaphthene	14.604	154	28377	3.281	ng	98
58) Fluorene	15.592	166	43414	3.870	ng	# 94
71) Phenanthrene	17.339	178	173692	9.204	ng	98
75) Fluoranthene	19.310	202	188011	8.156	ng	97
78) Pyrene	19.657	202	208015	7.236	ng	98
81) Benzo(a)anthracene	21.374	228	108716	3.792	ng	# 92
83) Chrysene	21.427	228	102746	3.775	ng	# 95
88) Benzo(b)fluoranthene	23.074	252	153827m	5.022	ng	
90) Benzo(a)pyrene	23.704	252	101526	3.725	ng	# 91
92) Benzo(g,h,i)perylene	27.115	276	71783	2.312	ng	96

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

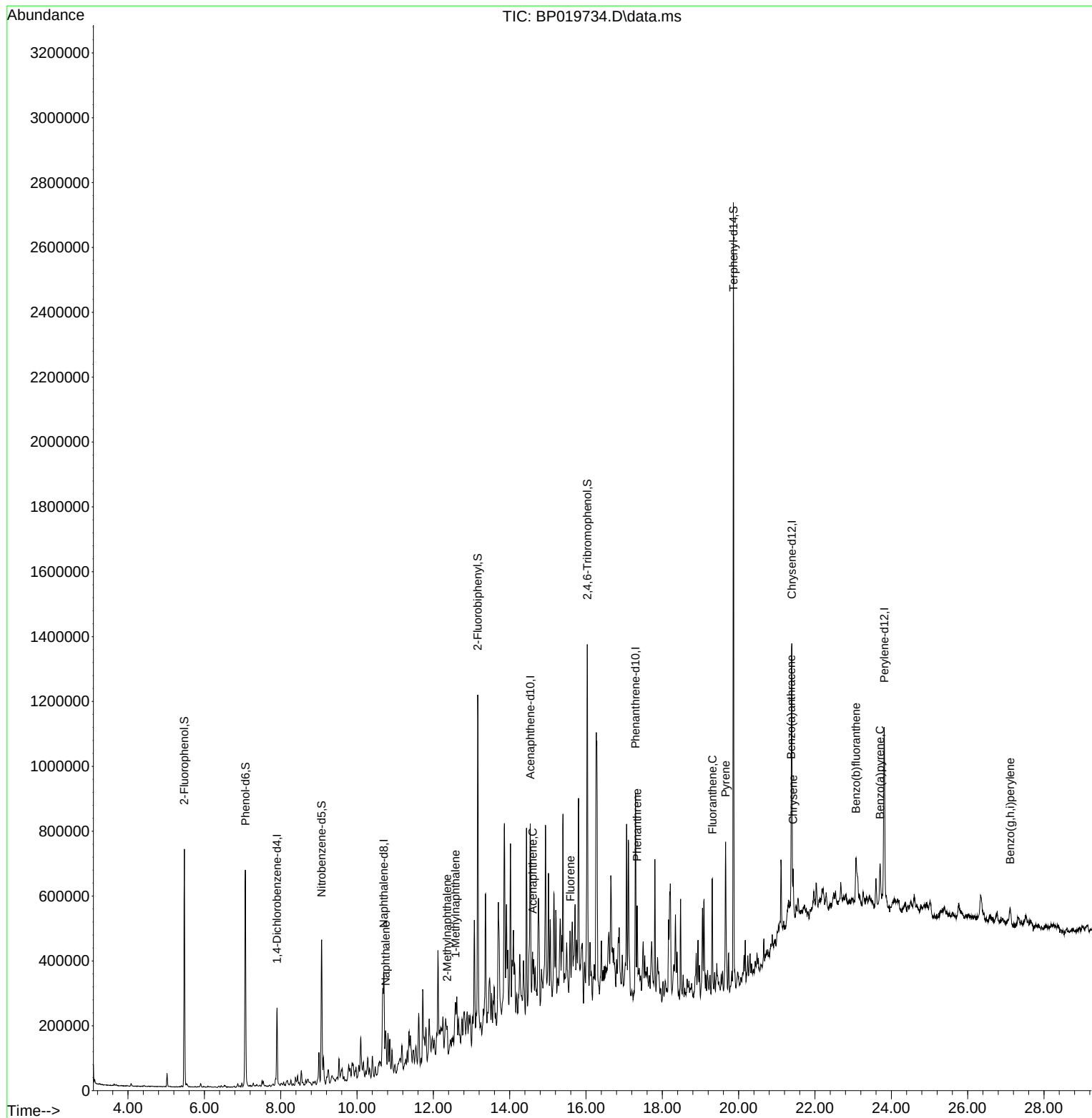
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019734.D
Acq On : 15 Feb 2024 21:26
Operator : MA/JU
Sample : P1464-03
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ALS Vial : 21 Sample Multiplier: 1

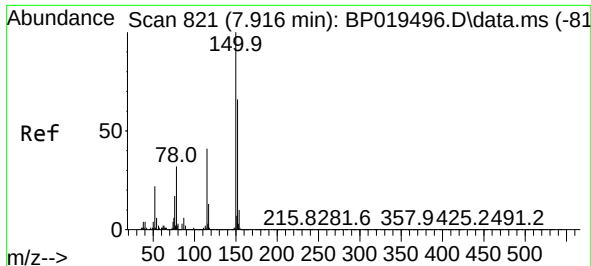
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Quant Time: Feb 16 00:56:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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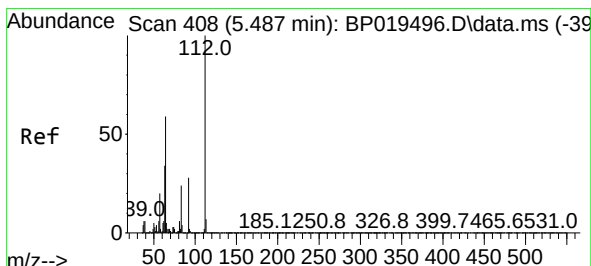
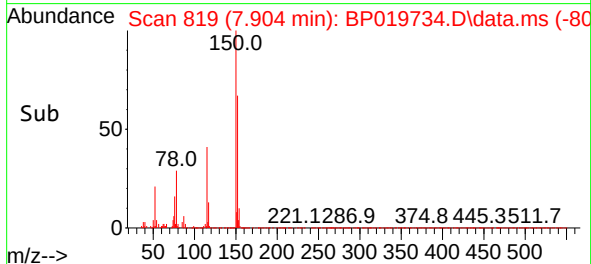
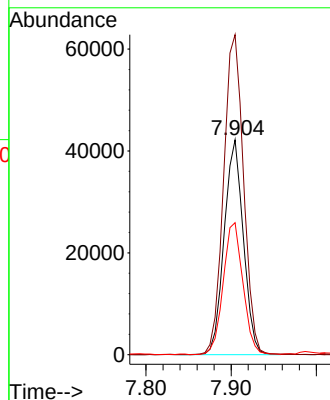
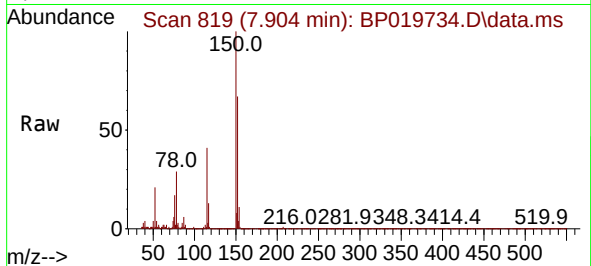
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)

Tgt Ion:152 Resp: 6600
Ion Ratio Lower Upper
152 100
150 148.9 121.8 182.8
115 61.5 49.9 74.9

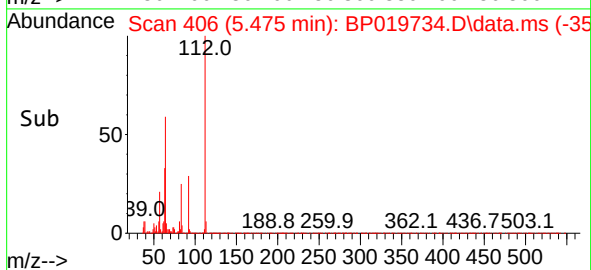
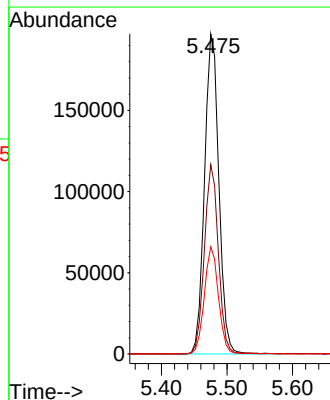
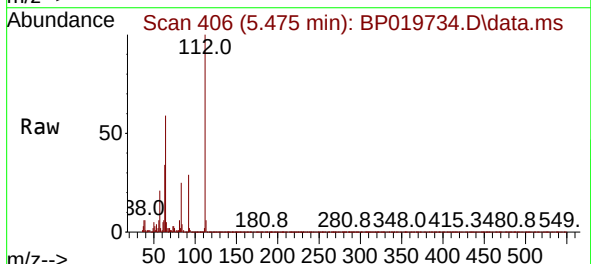
Manual Integrations
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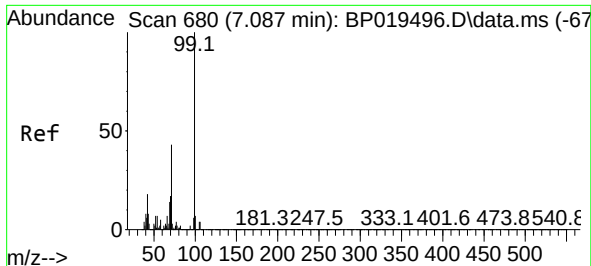
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#5
2-Fluorophenol
Concen: 73.210 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

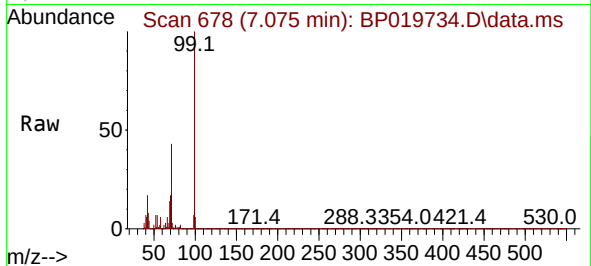
Tgt Ion:112 Resp: 299789
Ion Ratio Lower Upper
112 100
64 59.1 47.4 71.0
63 33.5 27.0 40.6





#7
Phenol-d6
Concen: 68.243 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

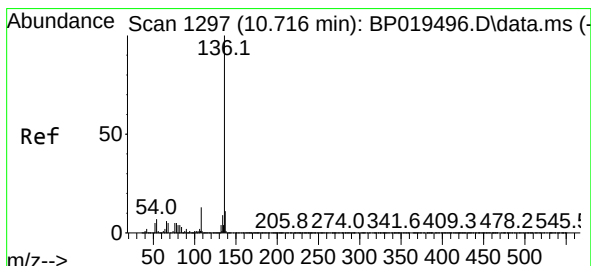
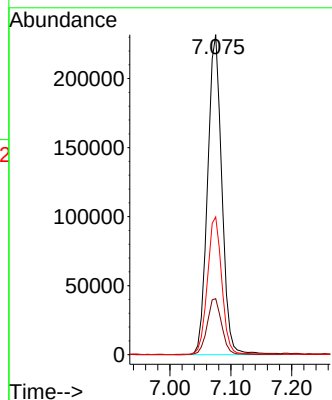
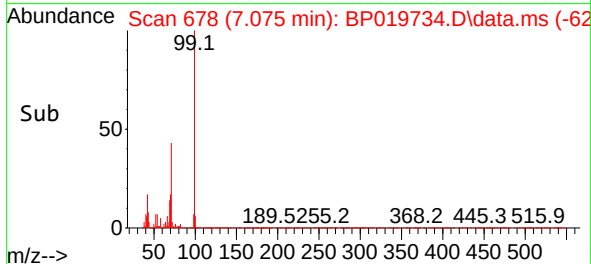
Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)



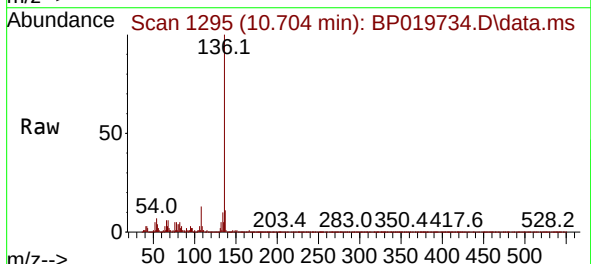
Tgt Ion: 99 Resp: 37680
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.1 34.8 52.2

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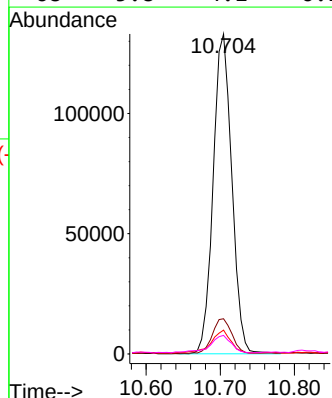
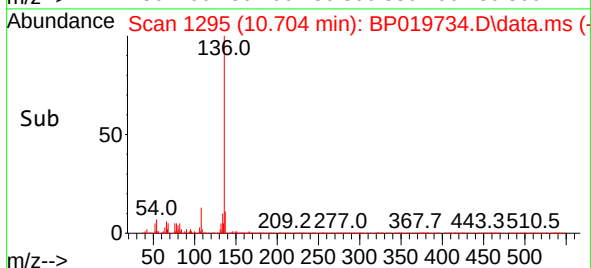
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

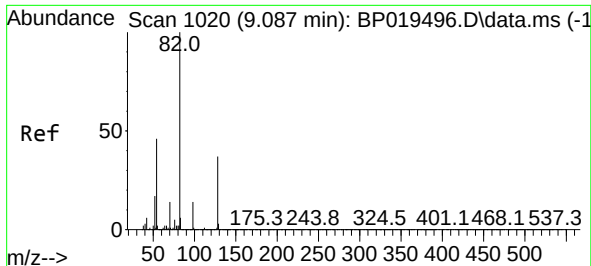


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26



Tgt Ion:136 Resp: 232568
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.3 7.9
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.055 ng

RT: 9.069 min Scan# 1020

Delta R.T. -0.017 min

Lab File: BP019734.D

Acq: 15 Feb 2024 21:26

Instrument :

BNP_P

ClientSampleId :

PN-3(SMALL-STOCK-PILE)

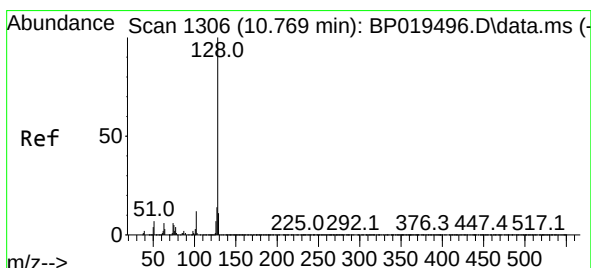
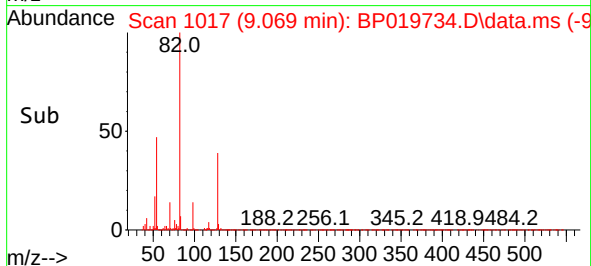
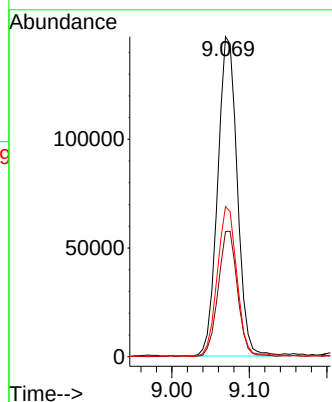
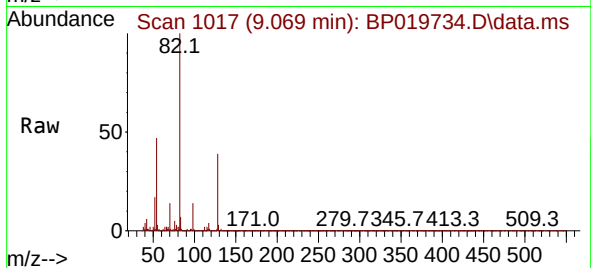
Tgt Ion: 82	Resp: 257919
Ion Ratio	Lower Upper
82 100	
128 39.1	29.7 44.5
54 46.9	36.8 55.2

Manual Integrations

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Supervised By :mohammad ahmed 02/17/2024



#31

Naphthalene

Concen: 3.393 ng

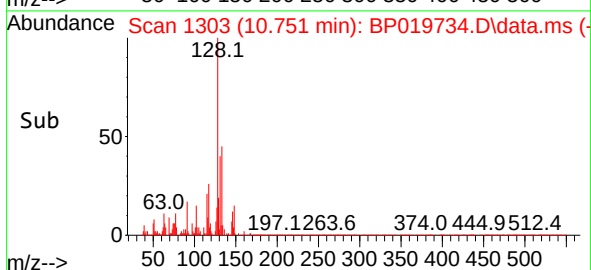
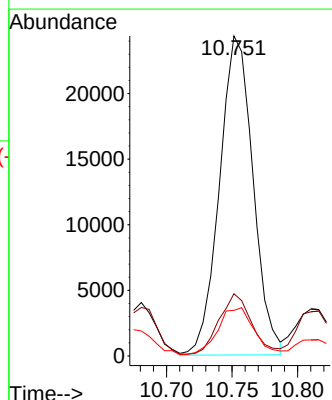
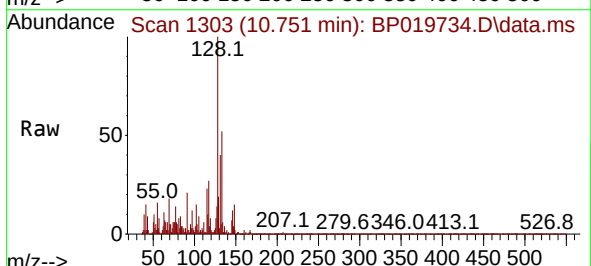
RT: 10.751 min Scan# 1303

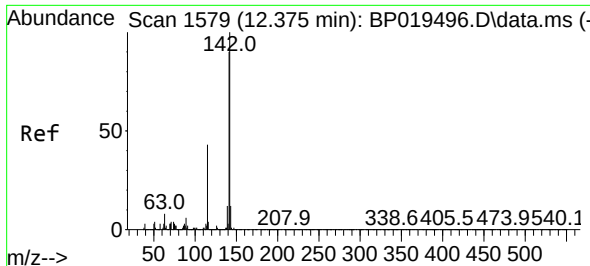
Delta R.T. -0.017 min

Lab File: BP019734.D

Acq: 15 Feb 2024 21:26

Tgt Ion:128	Resp: 43276
Ion Ratio	Lower Upper
128 100	
129 19.5	8.6 13.0#
127 14.2	10.8 16.2





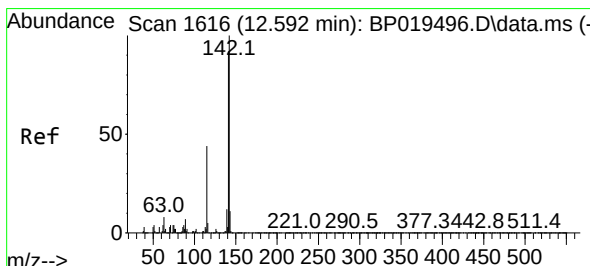
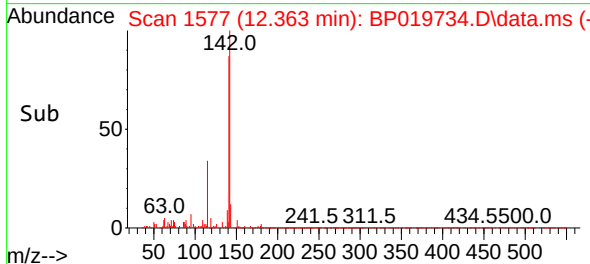
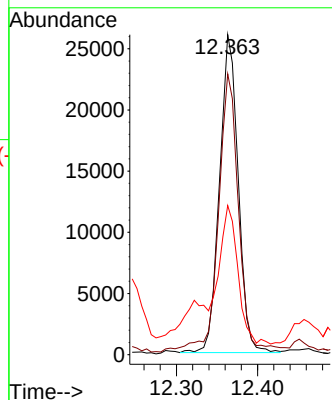
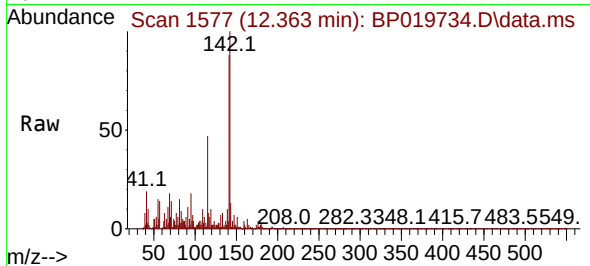
#37
2-Methylnaphthalene
Concen: 4.717 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)

Tgt Ion:142 Resp: 4163
Ion Ratio Lower Upper
142 100
141 87.7 72.2 108.4
115 46.6 34.2 51.2

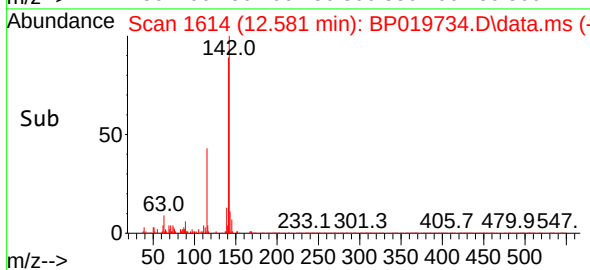
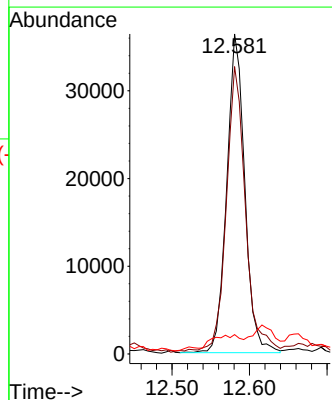
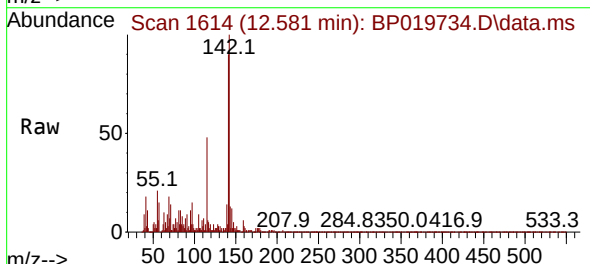
Manual Integrations
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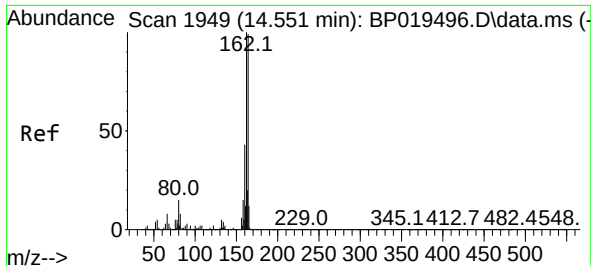
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#38
1-Methylnaphthalene
Concen: 6.789 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

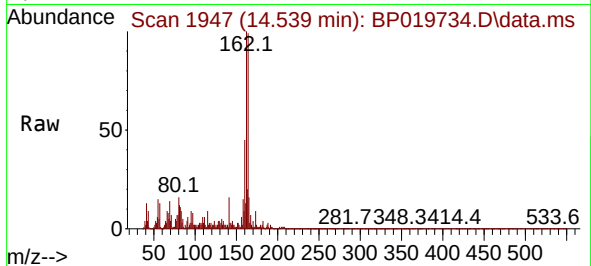
Tgt Ion:142 Resp: 58894
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0
116 6.0 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

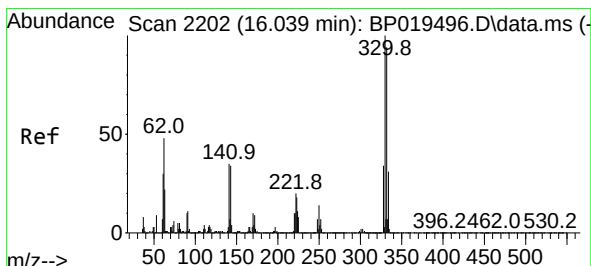
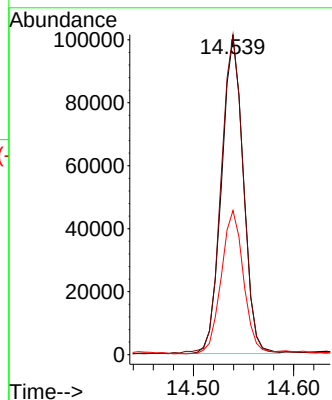
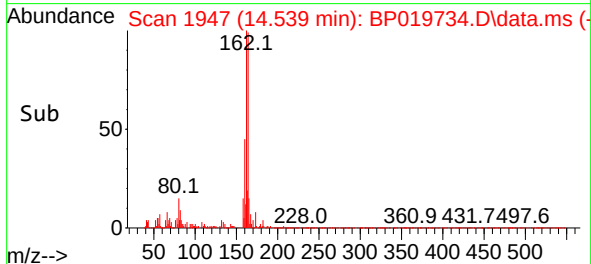
Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)



Tgt Ion:164 Resp: 151580
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.5 35.1 52.7

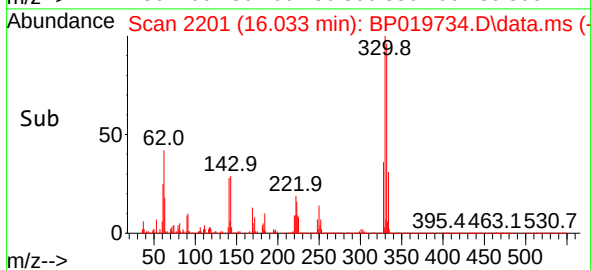
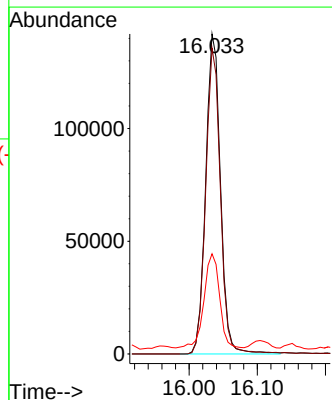
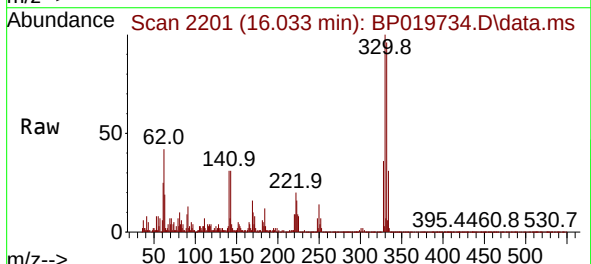
Manual Integrations
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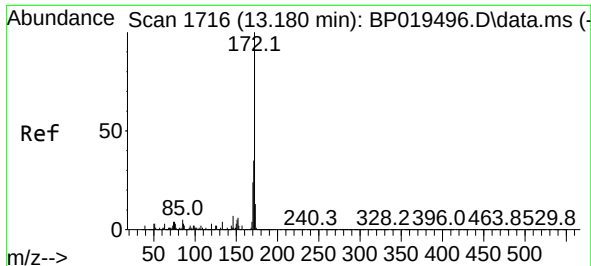
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#42
2,4,6-Tribromophenol
Concen: 96.861 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

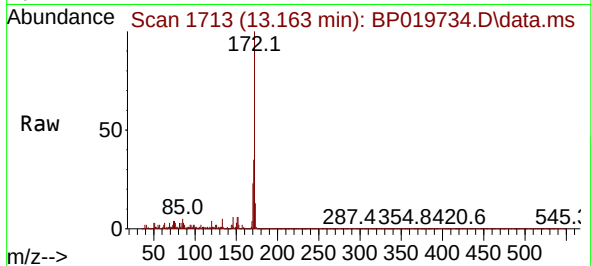
Tgt Ion:330 Resp: 214379
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 30.7 27.0 40.4





#45
2-Fluorobiphenyl
Concen: 46.597 ng
RT: 13.163 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

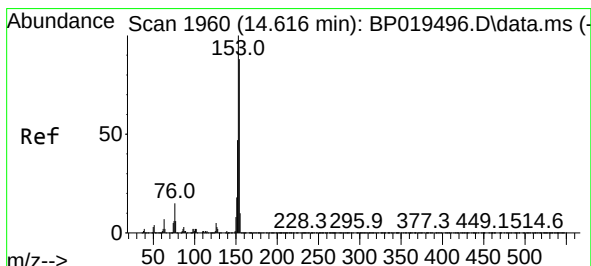
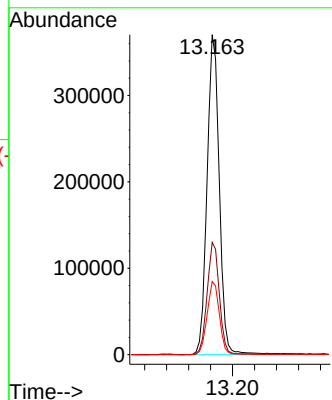
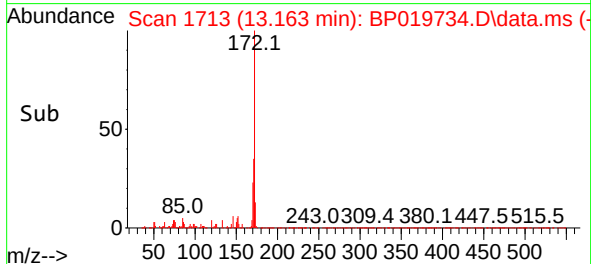
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PN-3(SMALL-STOCK-PILE)



Tgt Ion:172 Resp: 57137
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.9 18.9 28.3

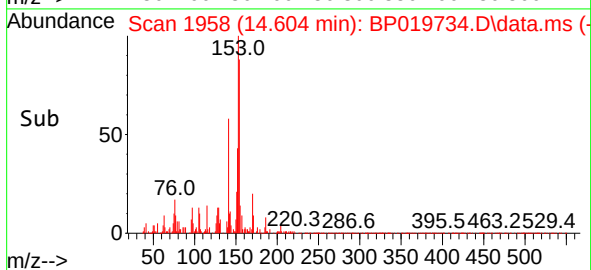
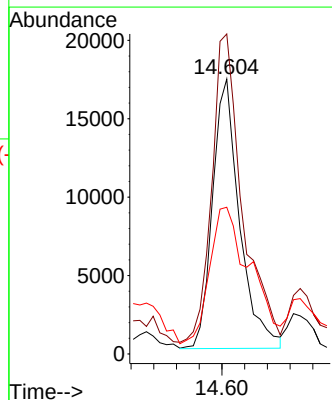
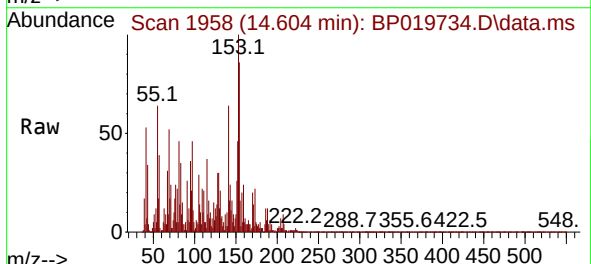
Manual Integrations
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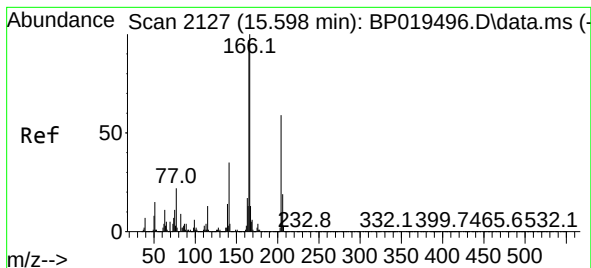
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#52
Acenaphthene
Concen: 3.281 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Tgt Ion:154 Resp: 28377
Ion Ratio Lower Upper
154 100
153 116.4 90.5 135.7
152 53.4 42.1 63.1





#58

Fluorene

Concen: 3.870 ng

RT: 15.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019734.D

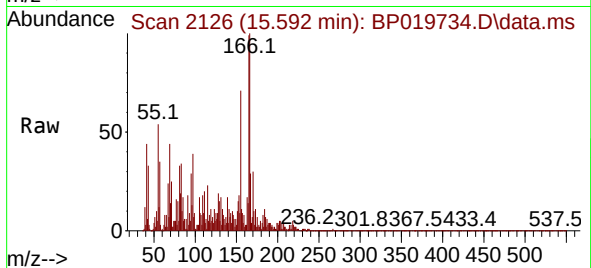
Acq: 15 Feb 2024 21:26

Instrument :

BNA_P

ClientSampleId :

PN-3(SMALL-STOCK-PILE)



Tgt Ion:166 Resp: 43414

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

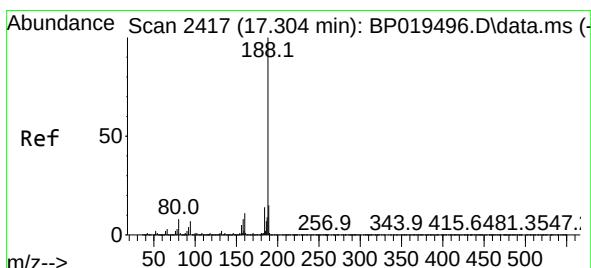
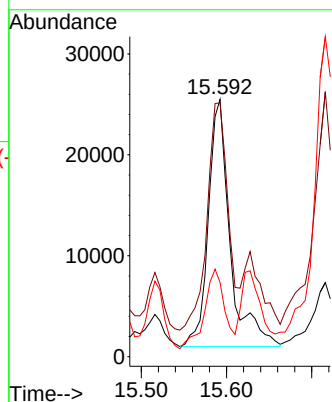
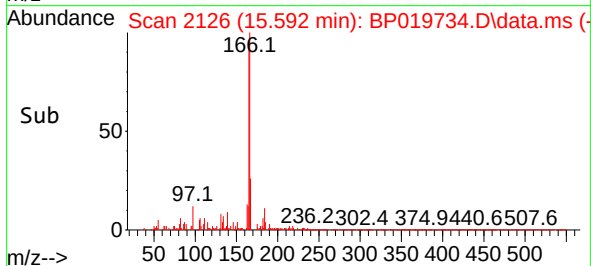
167 28.9 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019734.D

Acq: 15 Feb 2024 21:26

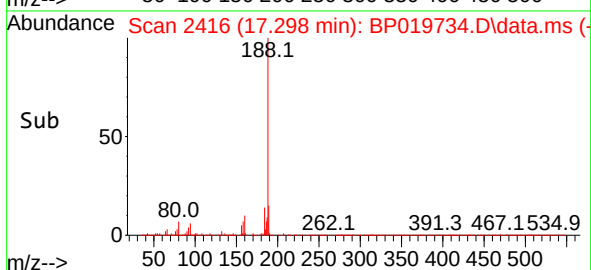
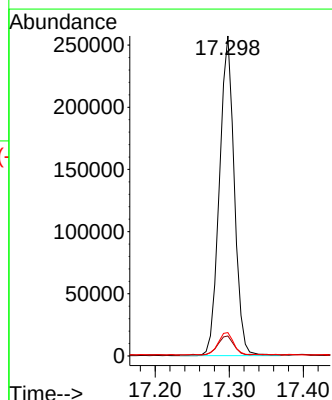
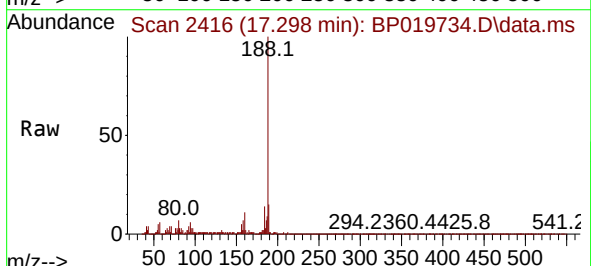
Tgt Ion:188 Resp: 358586

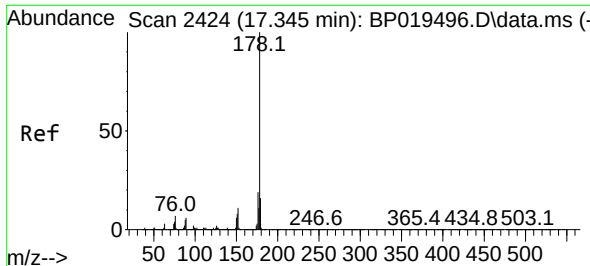
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.2

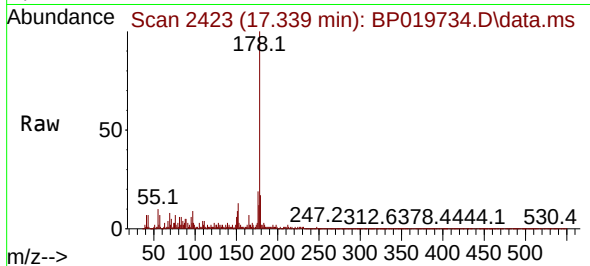
80 7.3 6.3 9.5





#71
Phenanthrene
Concen: 9.204 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

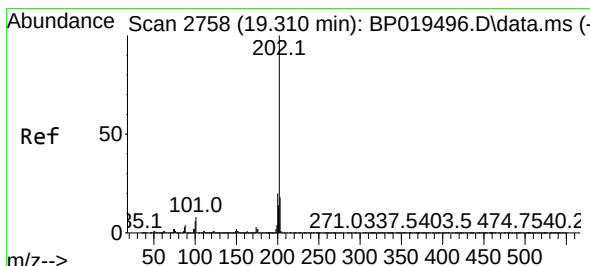
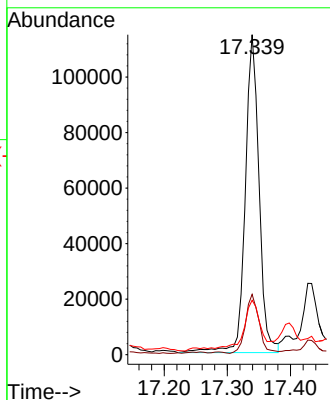
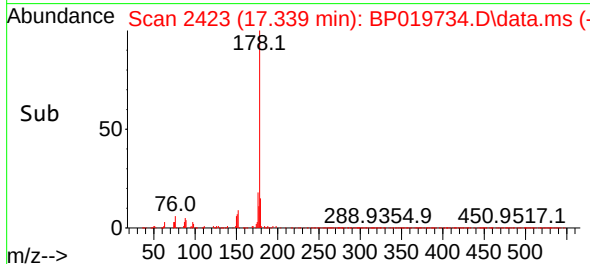
Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)



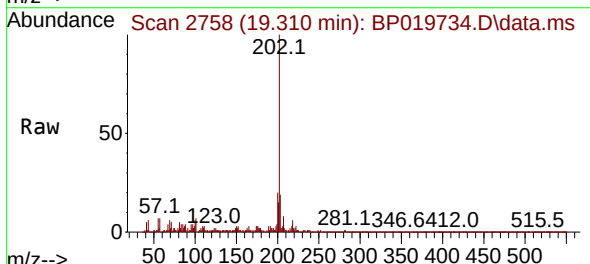
Tgt Ion:178 Resp: 173692
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 17.0 12.6 19.0

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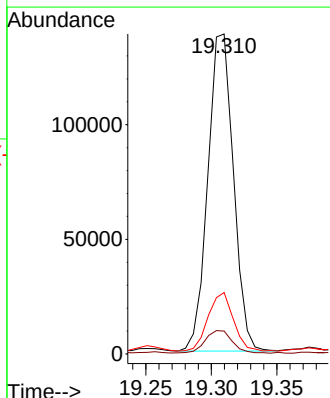
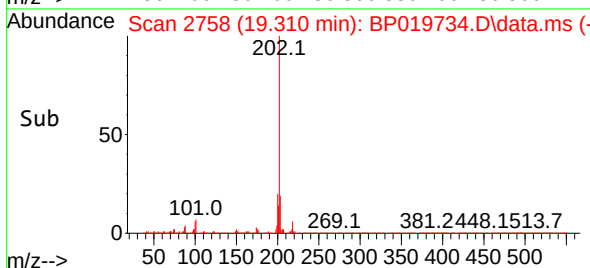
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

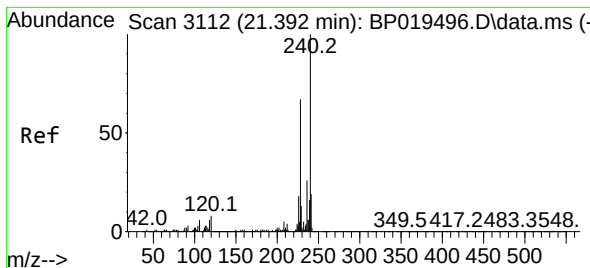


#75
Fluoranthene
Concen: 8.156 ng
RT: 19.310 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26



Tgt Ion:202 Resp: 188011
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 19.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019734.D

Acq: 15 Feb 2024 21:26

Instrument :

BNA_P

ClientSampleId :

PN-3(SMALL-STOCK-PILE)

Tgt Ion:240 Resp: 407310

Ion Ratio Lower Upper

240 100

120 5.6 6.1 9.1

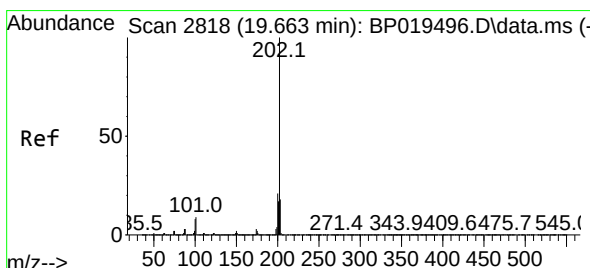
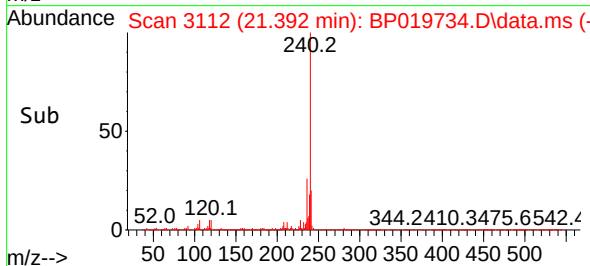
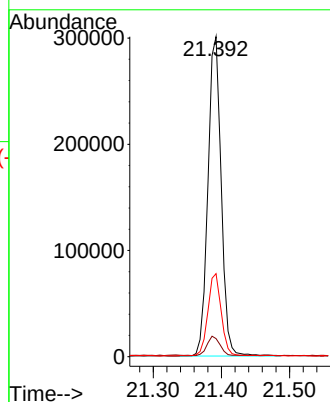
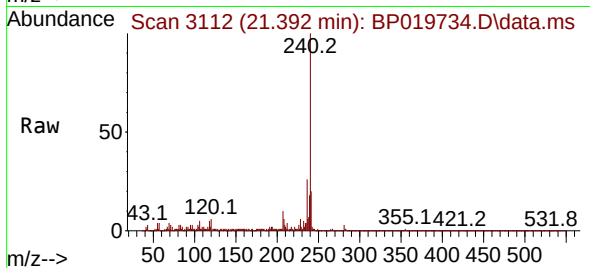
236 26.0 20.7 31.1

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#78

Pyrene

Concen: 7.236 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019734.D

Acq: 15 Feb 2024 21:26

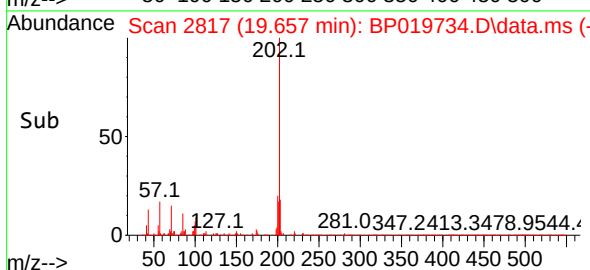
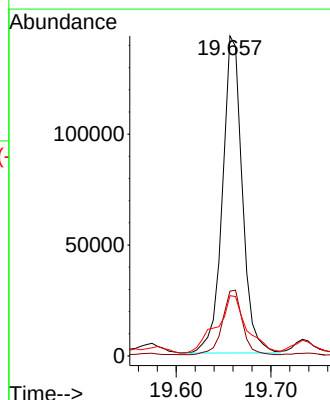
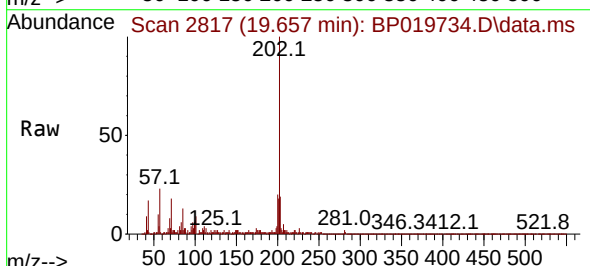
Tgt Ion:202 Resp: 208015

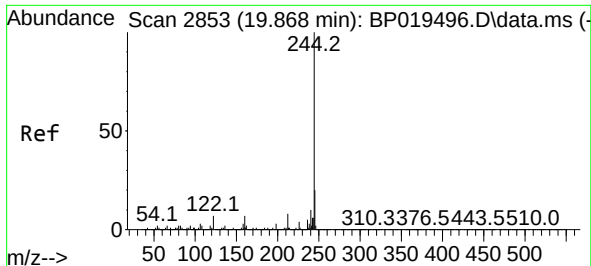
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

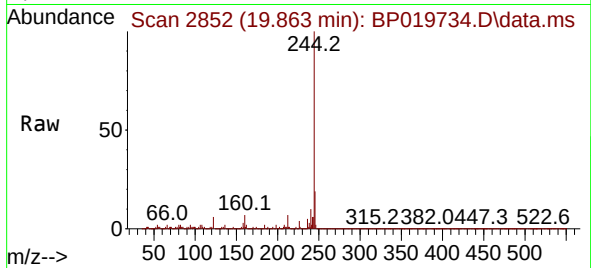
203 18.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 47.983 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019734.D
 Acq: 15 Feb 2024 21:26

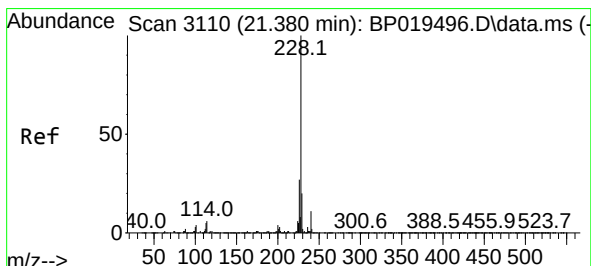
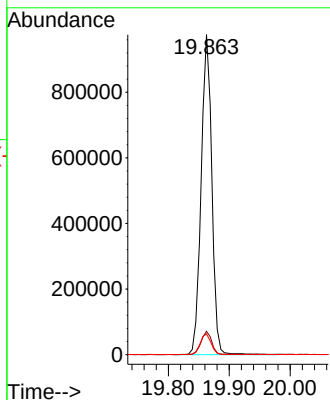
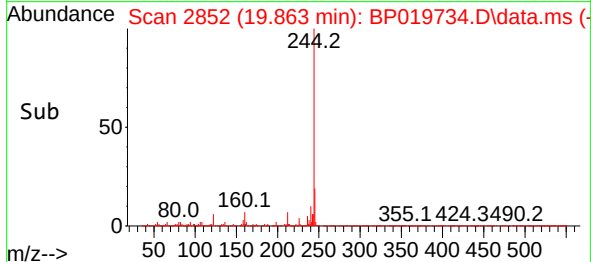
Instrument :
 BNA_P
 ClientSampleId :
 PN-3(SMALL-STOCK-PILE)



Tgt Ion:244 Resp: 1188410
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.5 5.9 8.9

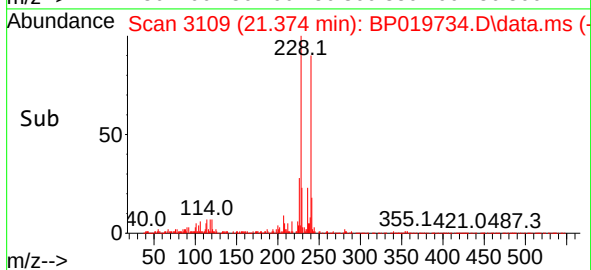
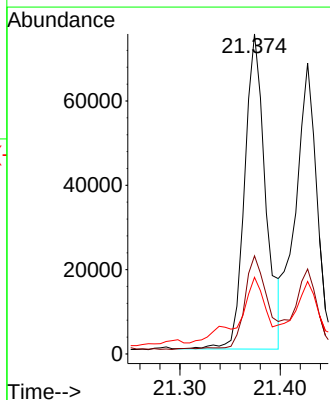
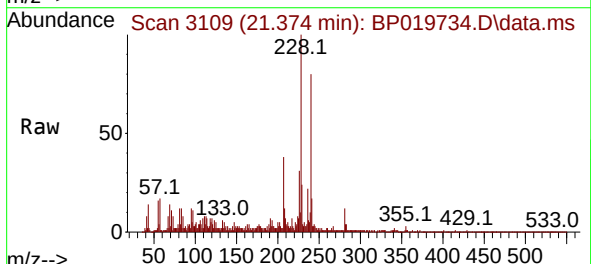
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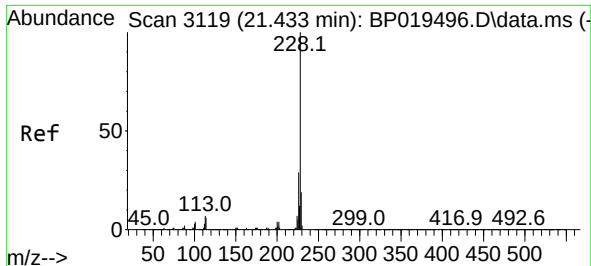
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024



#81
 Benzo(a)anthracene
 Concen: 3.792 ng
 RT: 21.374 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP019734.D
 Acq: 15 Feb 2024 21:26

Tgt Ion:228 Resp: 108716
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.7 32.5
 229 23.9 15.6 23.4#





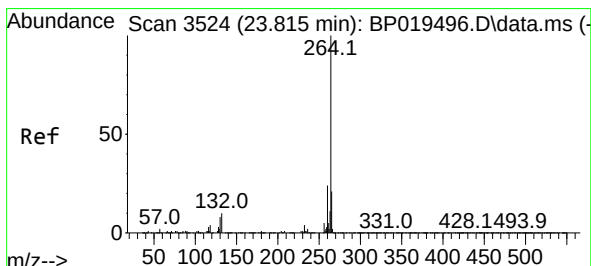
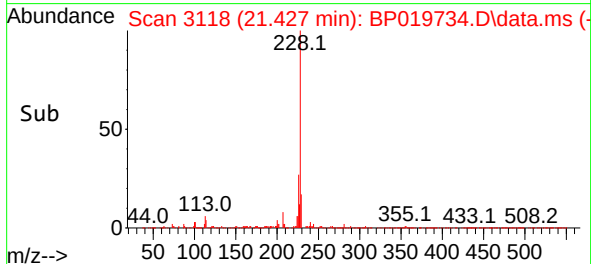
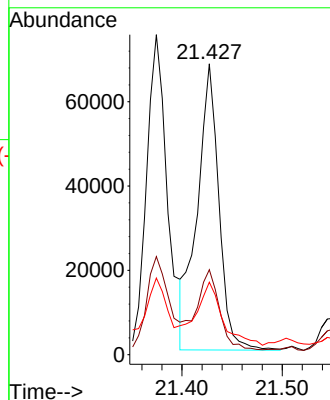
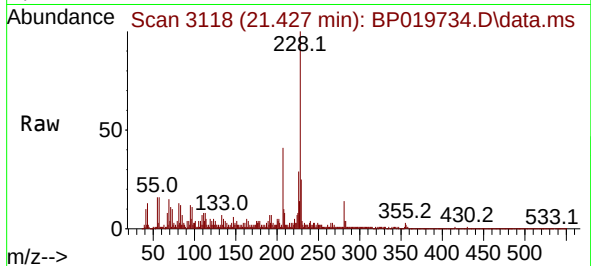
#83
Chrysene
Concen: 3.775 ng
RT: 21.427 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Instrument : BNA_P
ClientSampleId : PN-3(SMALL-STOCK-PILE)

Tgt Ion:228 Resp: 102740
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.2
229 24.9 15.6 23.4

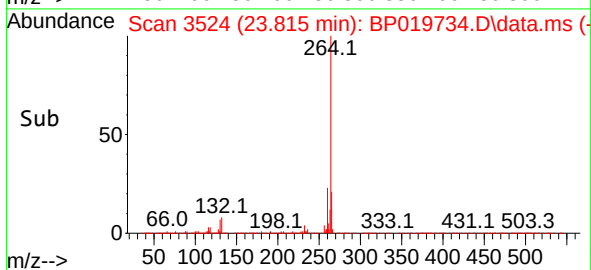
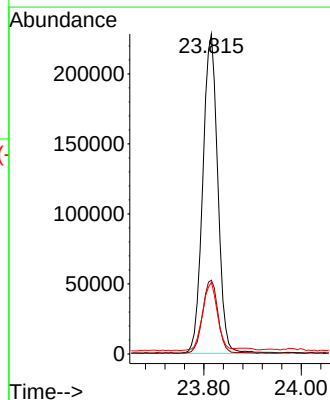
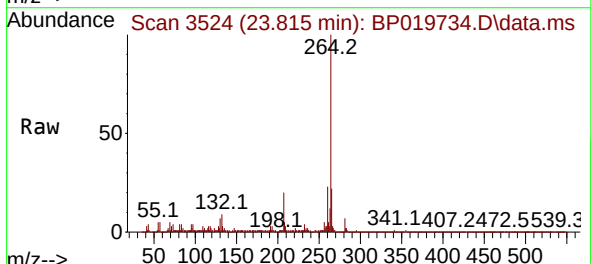
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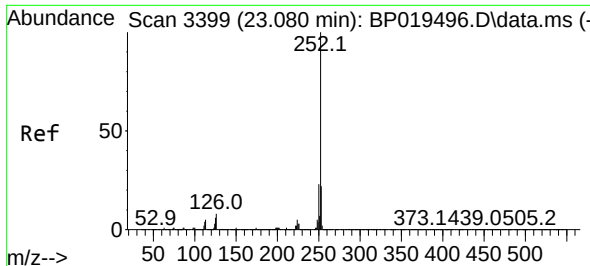
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Tgt Ion:264 Resp: 486049
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.3 17.0 25.4





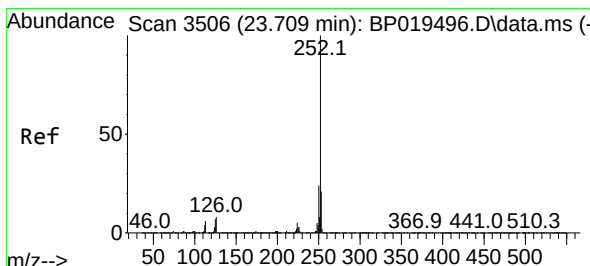
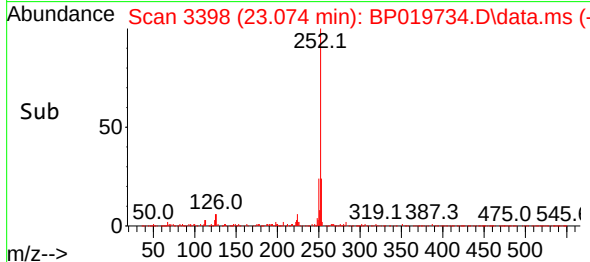
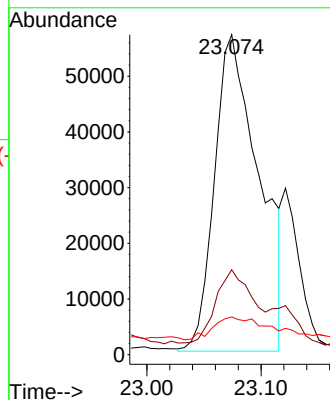
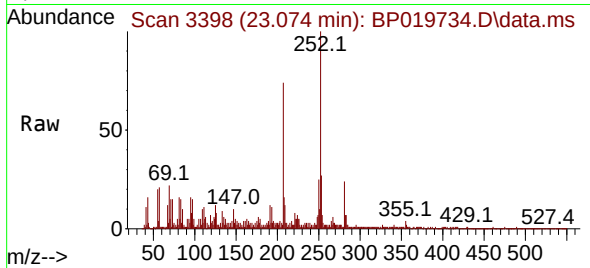
#88
Benzo(b)fluoranthene
Concen: 5.022 ng m
RT: 23.074 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Instrument :
BNA_P
ClientSampleId :
PN-3(SMALL-STOCK-PILE)

Tgt Ion:252 Resp: 15382
Ion Ratio Lower Upper
252 100
253 26.5 17.3 25.9
125 11.8 4.9 7.3

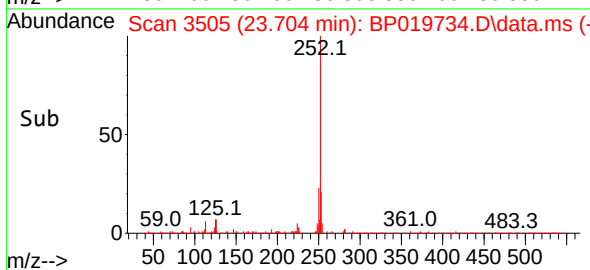
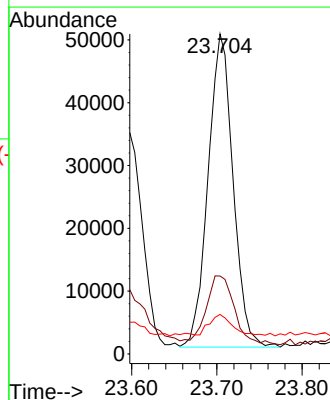
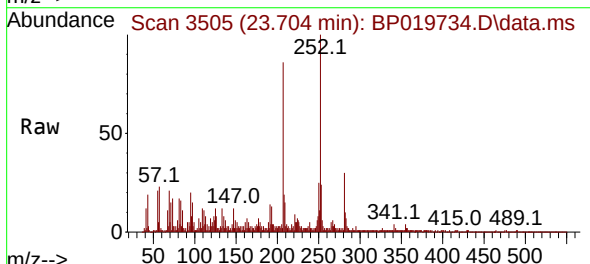
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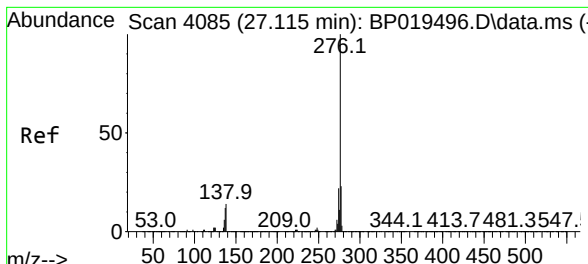
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#90
Benzo(a)pyrene
Concen: 3.725 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019734.D
Acq: 15 Feb 2024 21:26

Tgt Ion:252 Resp: 101526
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 12.3 5.6 8.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.312 ng
 RT: 27.115 min Scan# 4085
 Delta R.T. 0.000 min
 Lab File: BP019734.D
 Acq: 15 Feb 2024 21:26

Instrument : BNA_P
 ClientSampleId : PN-3(SMALL-STOCK-PILE)

Tgt Ion:	276	Resp:	7178
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.6	28.0
138	13.3	10.9	16.3

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

