

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019178.D
 Acq On : 26 Mar 2022 06:09
 Operator : CG/JU
 Sample : N2090-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-63

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 26 07:59:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4603	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	12953	0.40	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8026	0.40	ng	0.00
19) Phenanthrene-d10	17.225	188	16207	0.40	ng	0.00
29) Chrysene-d12	21.413	240	13673	0.40	ng	# 0.00
35) Perylene-d12	23.779	264	11604	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1610	0.15	ng	0.00
5) Phenol-d6	7.009	99	949	0.08	ng	0.00
8) Nitrobenzene-d5	9.003	82	2621m	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	7469	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1438	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11303	0.34	ng	0.00
27) Fluoranthene-d10	19.253	212	20968	0.44	ng	0.00
31) Terphenyl-d14	19.851	244	13050	0.43	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.286	202	4104	0.07	ng	97
30) Pyrene	19.645	202	13809	0.21	ng	# 94
32) Benzo(a)anthracene	21.395	228	2490m	0.06	ng	
33) Chrysene	21.431	228	5621m	0.10	ng	
34) Bis(2-ethylhexyl)phtha...	21.324	149	6039	0.23	ng	# 98
37) Benzo(b)fluoranthene	23.062	252	3243m	0.07	ng	

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

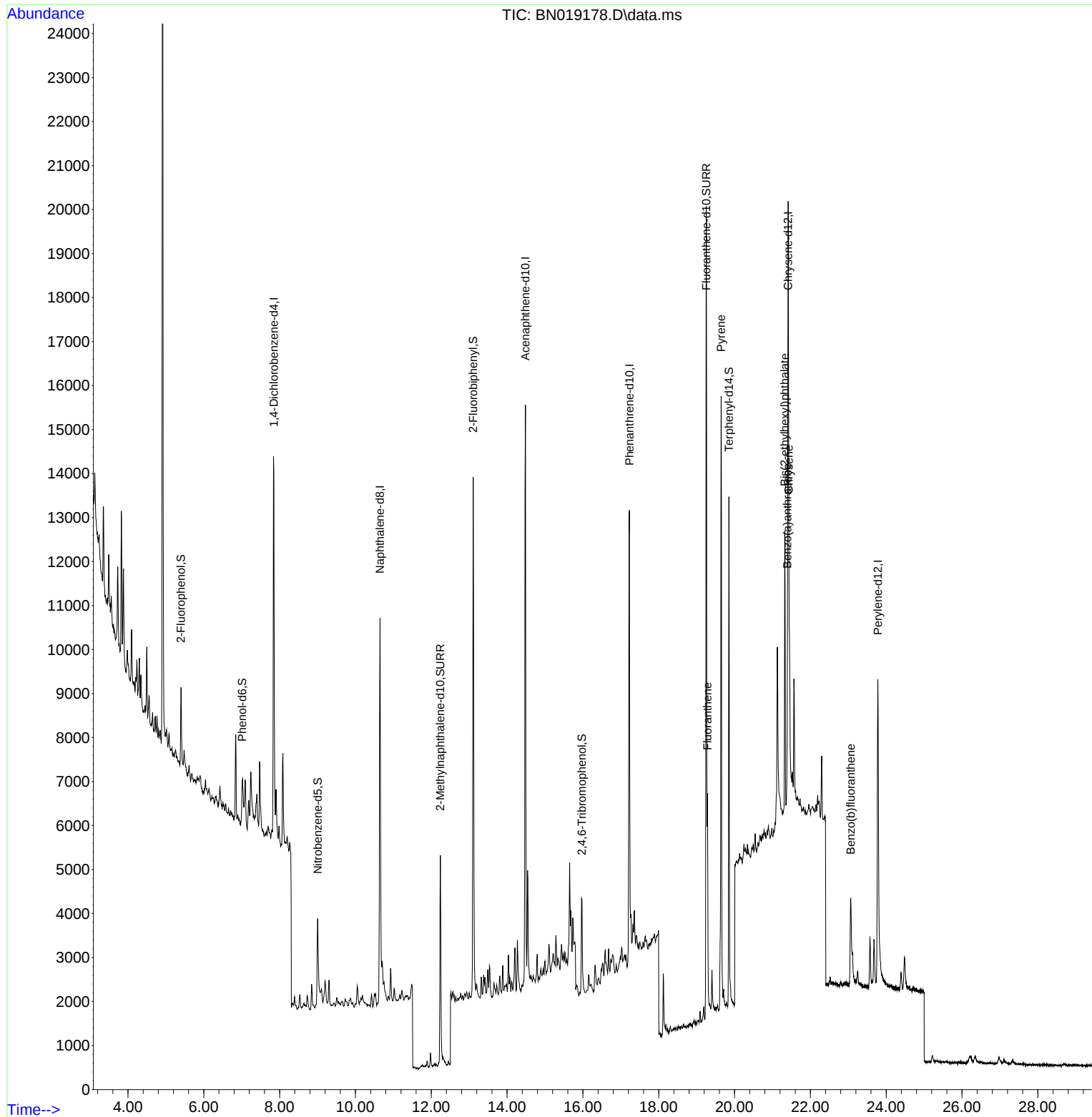
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019178.D
Acq On : 26 Mar 2022 06:09
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Sample : N2090-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

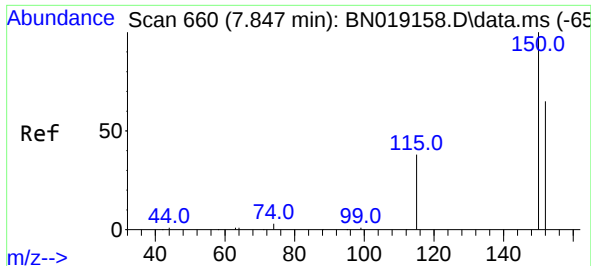
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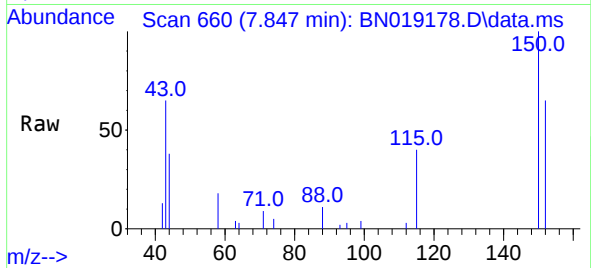
Quant Time: Mar 26 07:59:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.847 min Scan# 660
Delta R.T. 0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

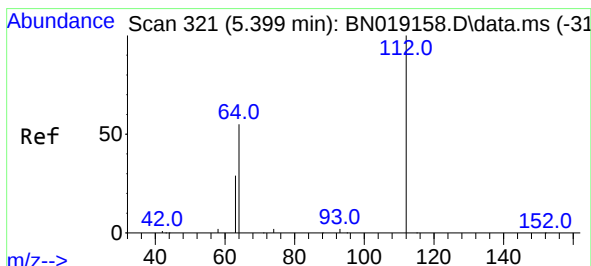
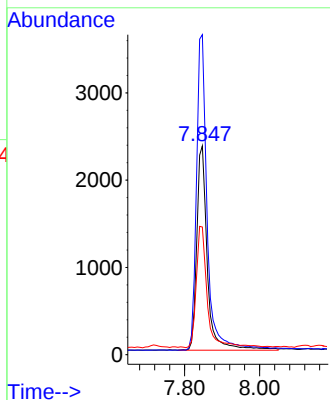
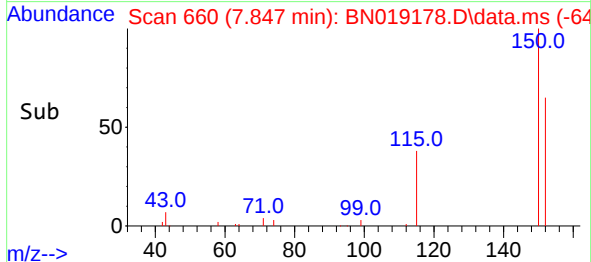
Instrument :
BNA_N
ClientSampleId :
MW-63



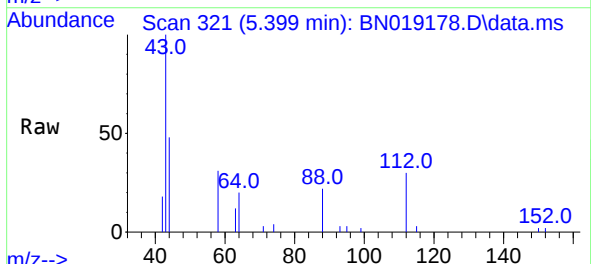
Tgt Ion:152 Resp: 460
Ion Ratio Lower Upper
152 100
150 153.2 123.9 185.9
115 61.2 48.2 72.4

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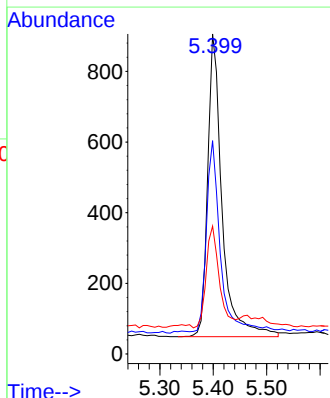
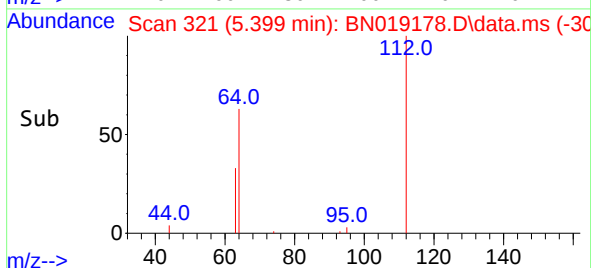
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

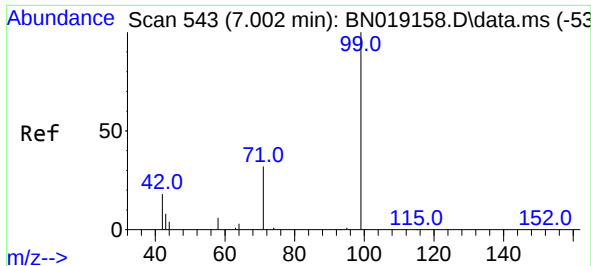


#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



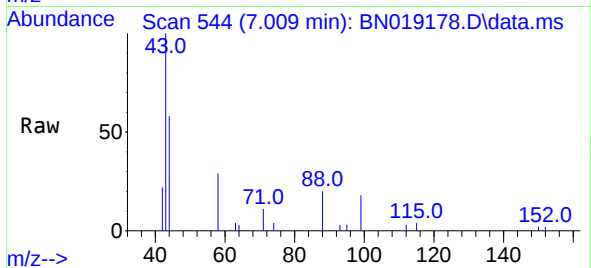
Tgt Ion:112 Resp: 1610
Ion Ratio Lower Upper
112 100
64 60.6 47.8 71.8
63 30.8 25.7 38.5





#5
Phenol-d6
Concen: 0.08 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

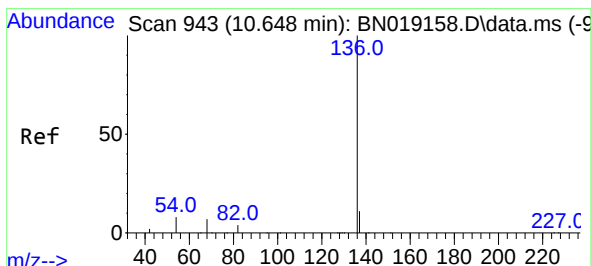
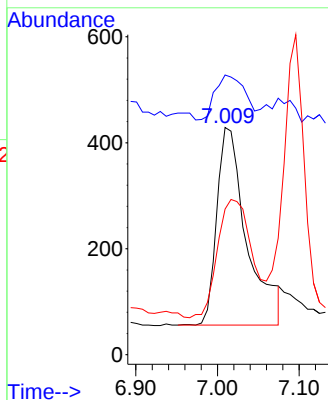
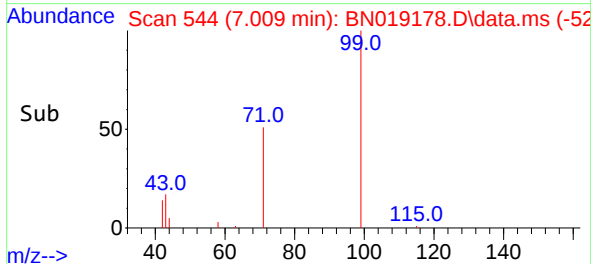
Instrument :
BNA_N
ClientSampleId :
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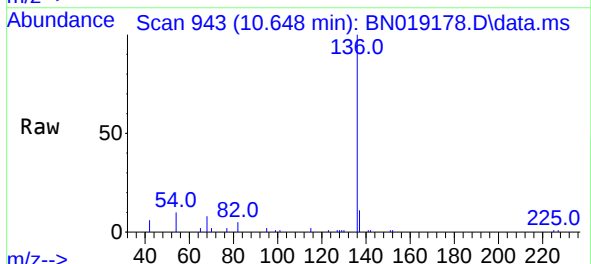
Tgt Ion: 99 Resp: 949
Ion Ratio Lower Upper
99 100
42 23.1 16.2 24.4
71 69.2 27.7 41.5

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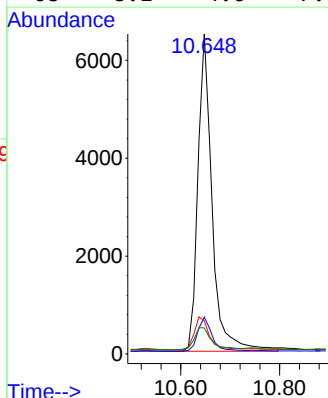
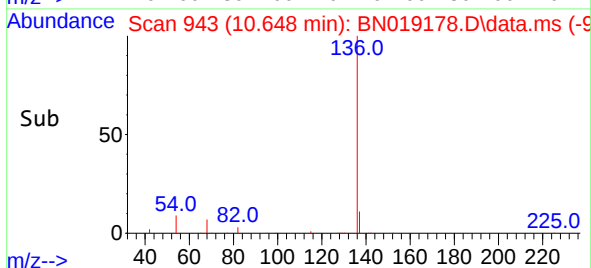
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Supervised By :Jagrut Upadhyay 03/29/2022

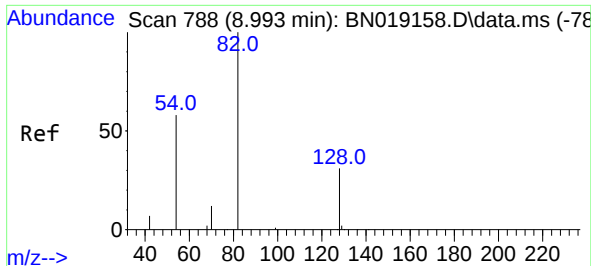


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



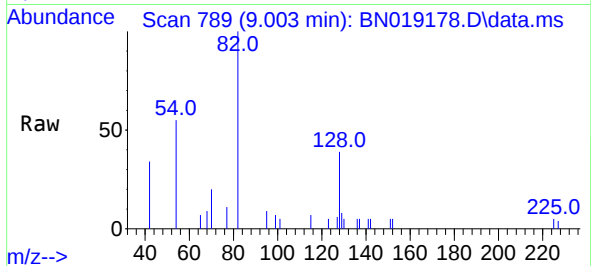
Tgt Ion:136 Resp: 12953
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 10.4 5.8 8.6#
68 8.1 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.26 ng m
RT: 9.003 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

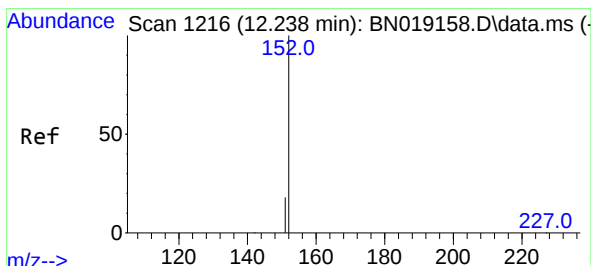
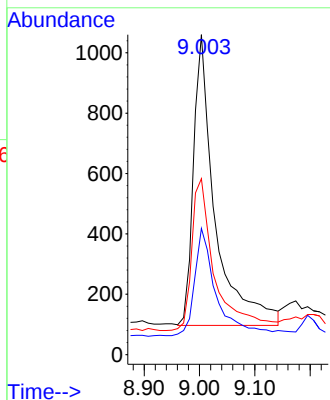
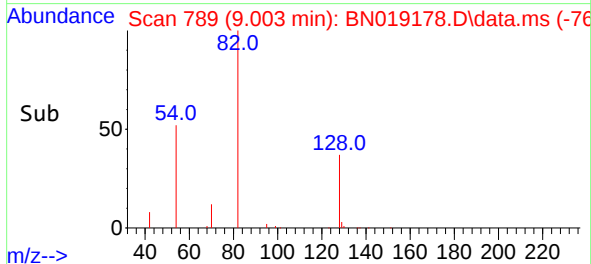
Instrument :
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Tgt Ion: 82 Resp: 262
Ion Ratio Lower Upper
82 100
128 39.4 33.0 49.6
54 55.0 42.5 63.7

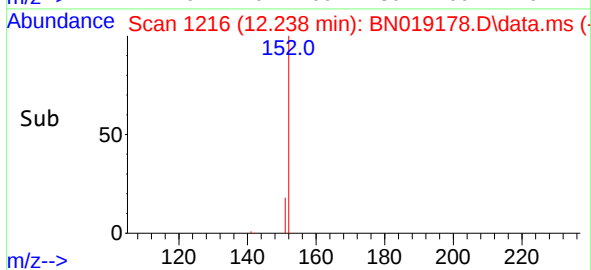
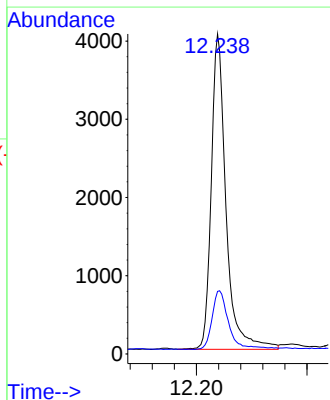
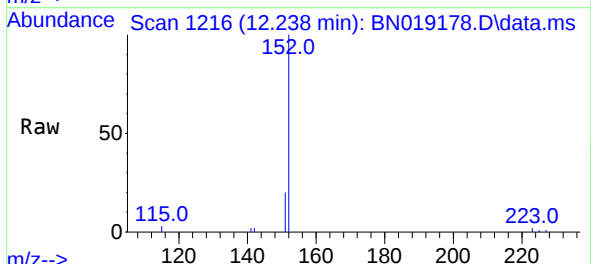
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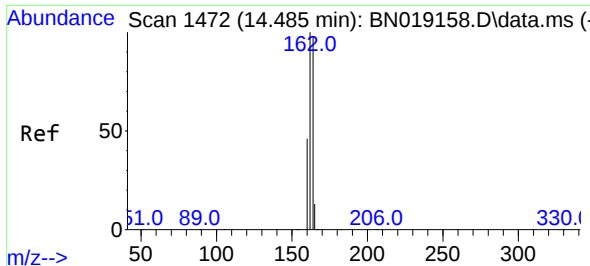
Reviewed By :Christian Giraldo 03/28/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

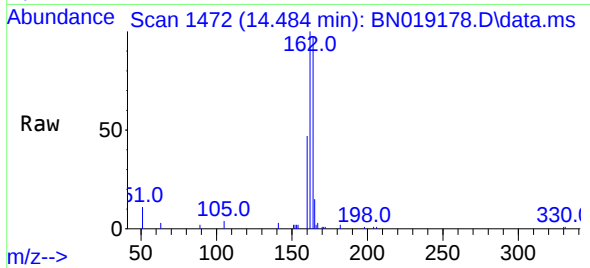
Tgt Ion:152 Resp: 7469
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

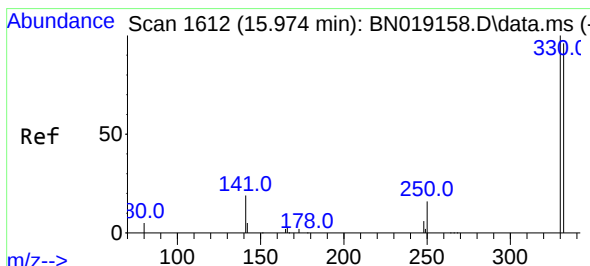
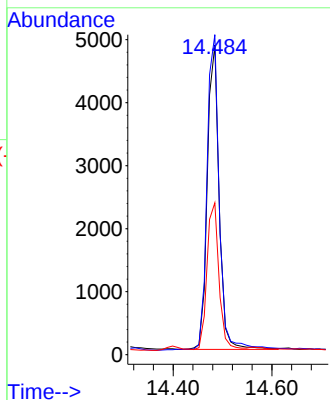
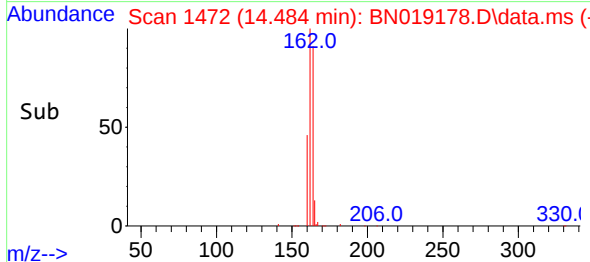
Instrument :
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ClientSampleId :
MW-63



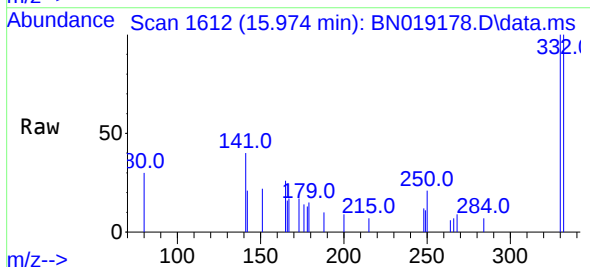
Tgt Ion:164 Resp: 802
Ion Ratio Lower Upper
164 100
162 103.4 85.2 127.8
160 49.1 41.5 62.3

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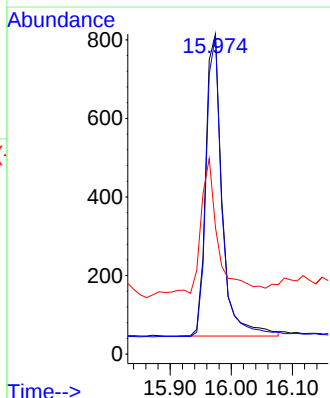
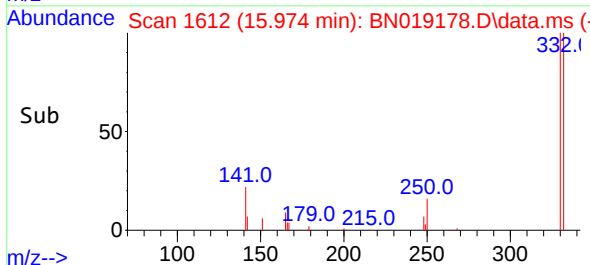
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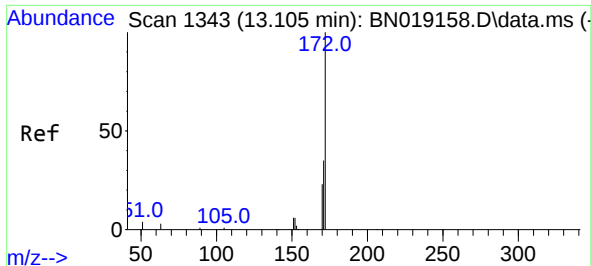


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



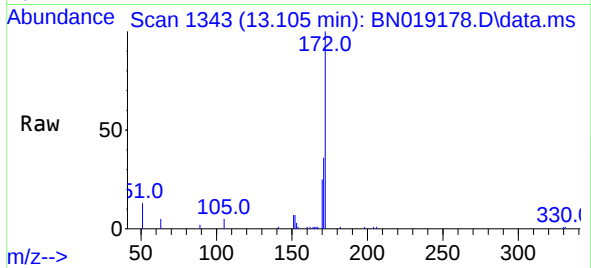
Tgt Ion:330 Resp: 1438
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 45.2 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.105 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

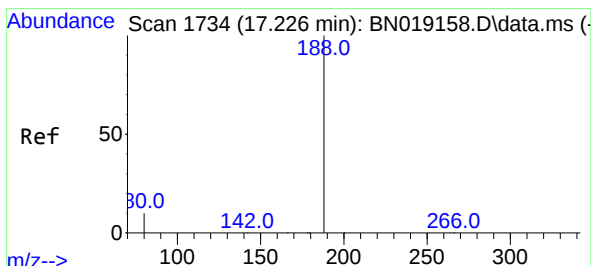
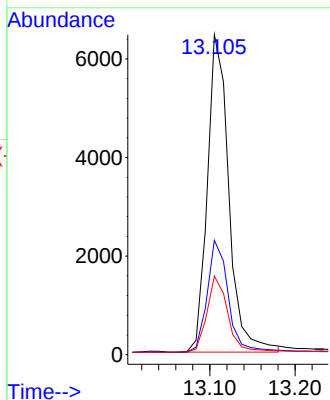
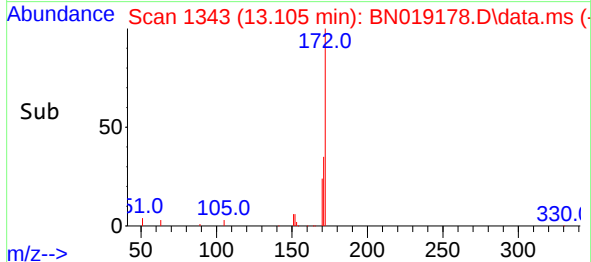
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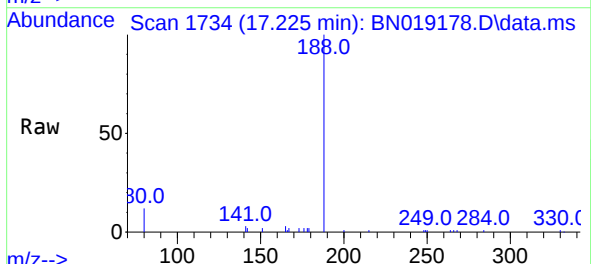
Tgt Ion:172 Resp: 1130
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.6 18.7 28.1

Manual Integrations
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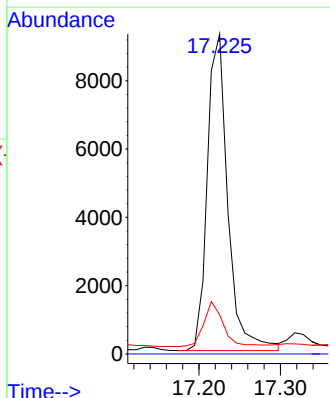
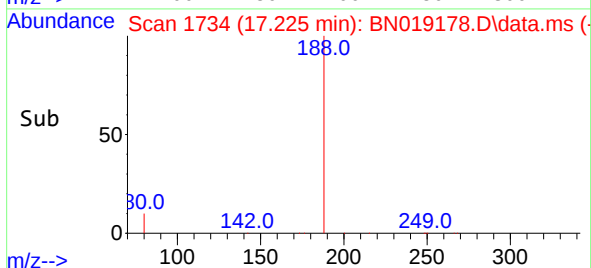
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Supervised By :Jagrut Upadhyay 03/29/2022

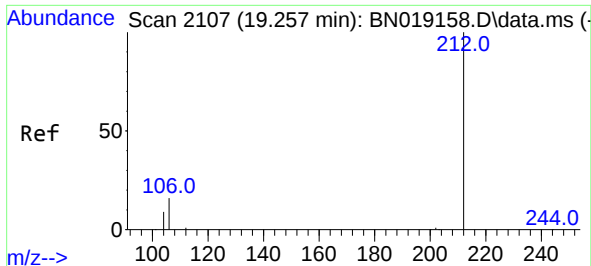


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



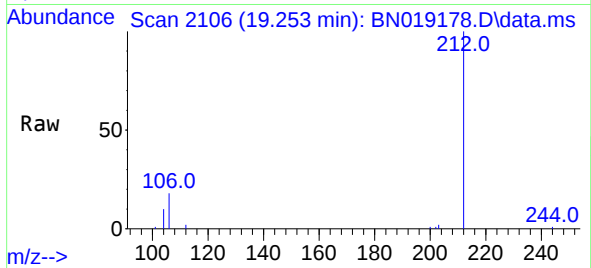
Tgt Ion:188 Resp: 16207
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.253 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

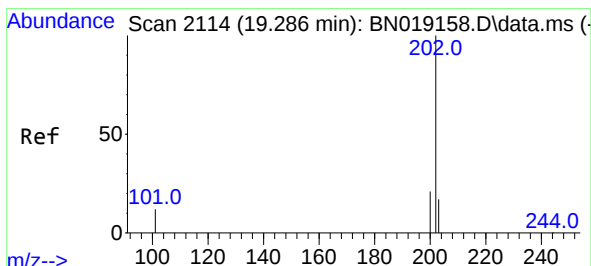
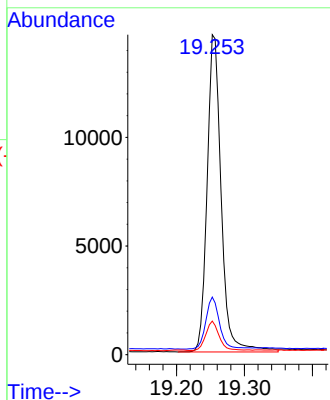
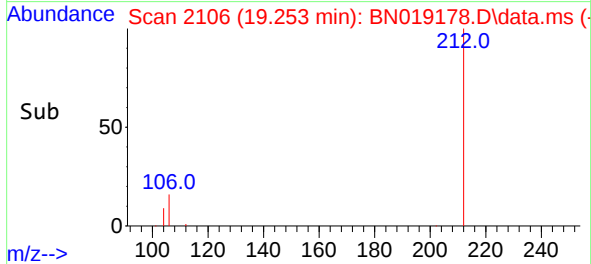
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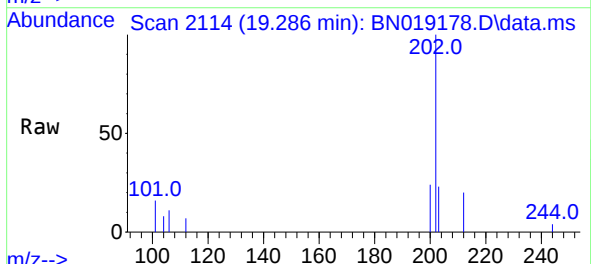
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Ion Ratio Lower Upper
212 100
106 16.2 12.7 19.1
104 8.8 7.1 10.7

Manual Integrations
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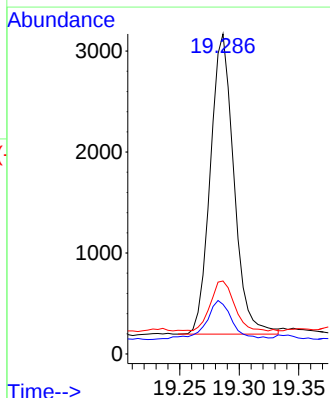
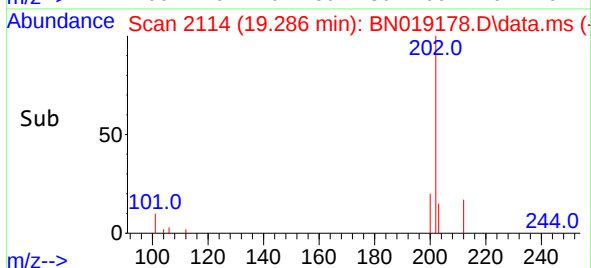
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

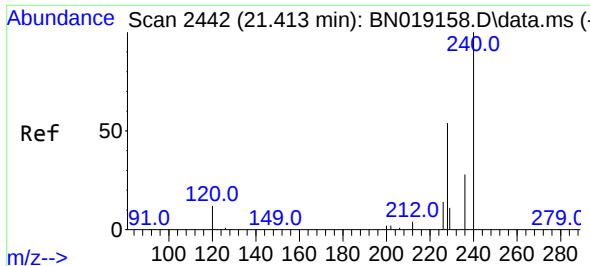


#28
Fluoranthene
Concen: 0.07 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



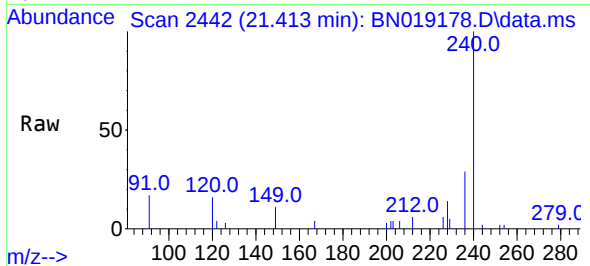
Tgt Ion:202 Resp: 4104
Ion Ratio Lower Upper
202 100
101 14.5 9.8 14.6
203 16.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

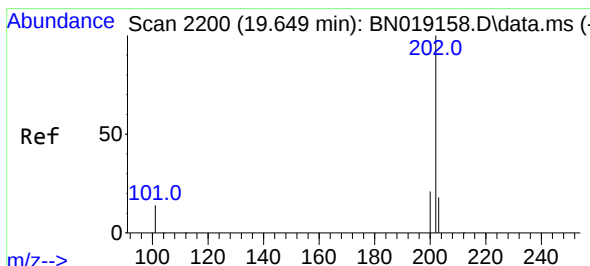
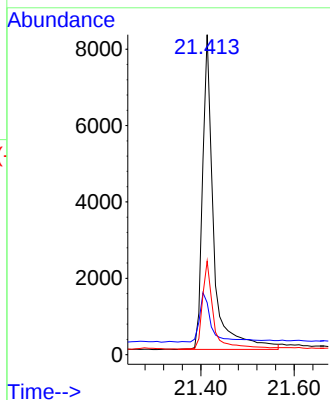
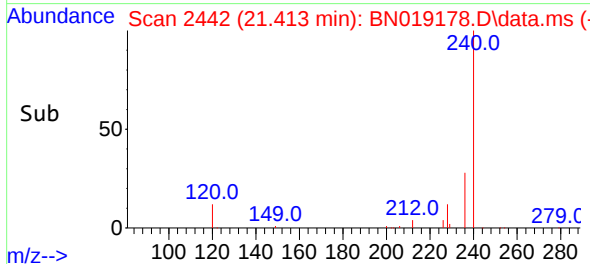
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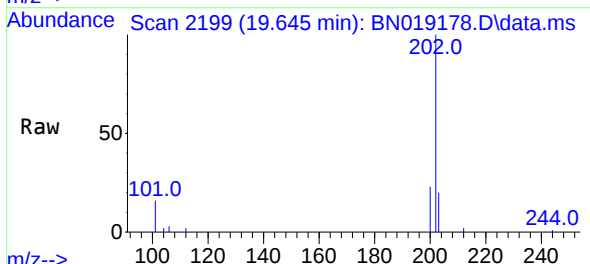
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Ion Ratio Lower Upper
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236 29.2 22.4 33.6

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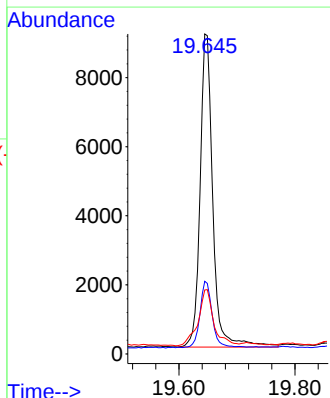
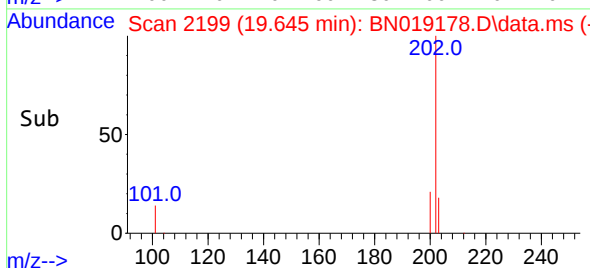
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

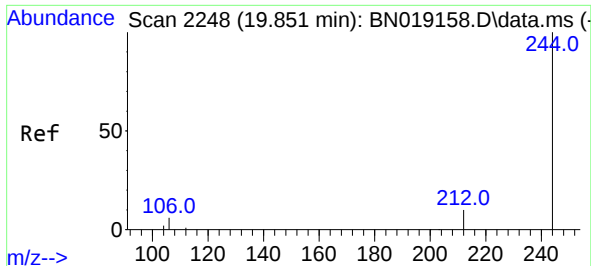


#30
Pyrene
Concen: 0.21 ng
RT: 19.645 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



Tgt Ion:202 Resp: 13809
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 22.0 14.2 21.2





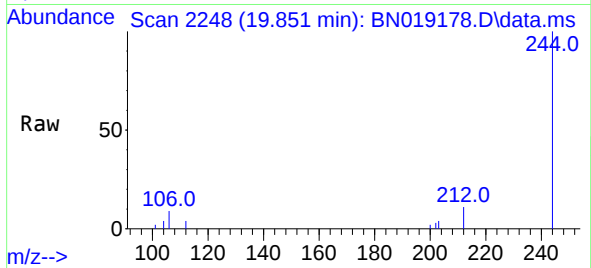
#31
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

Instrument :

BNA_N

ClientSampleId :

MW-63

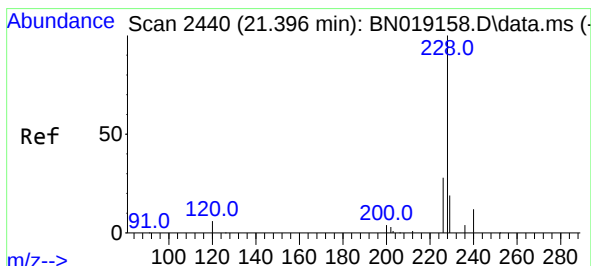
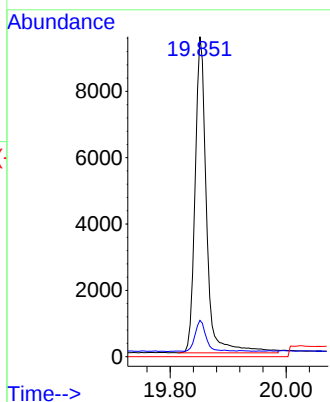
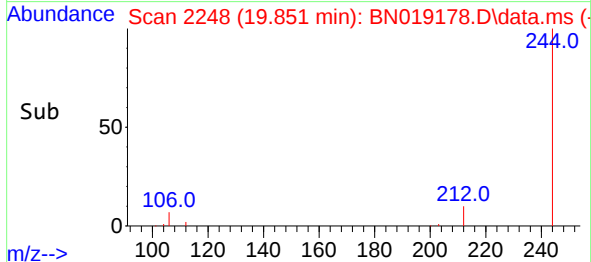


Tgt Ion:244 Resp: 13050
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 0.0 0.0 0.0

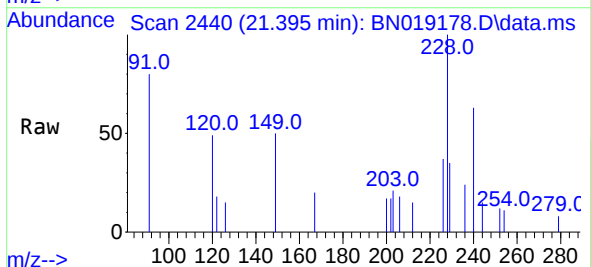
Manual Integrations

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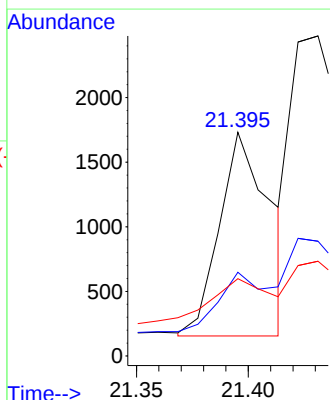
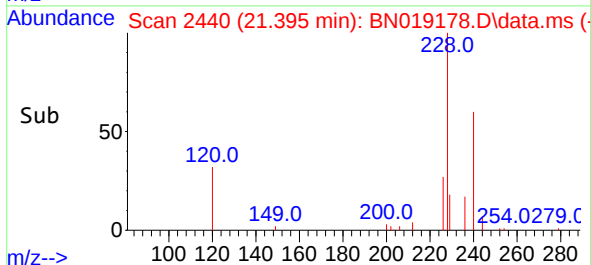
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/29/2022

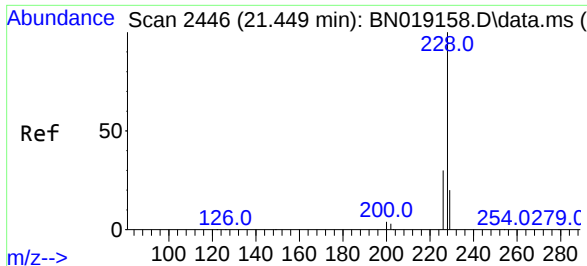


#32
 Benzo(a)anthracene
 Concen: 0.06 ng m
 RT: 21.395 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09



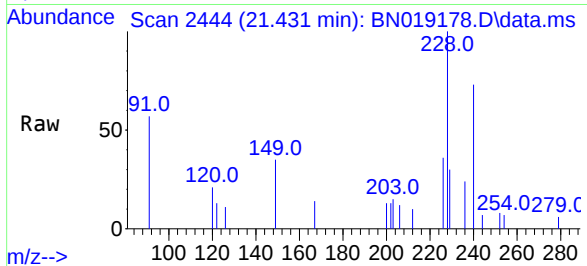
Tgt Ion:228 Resp: 2490
 Ion Ratio Lower Upper
 228 100
 226 37.4 21.9 32.9#
 229 34.5 16.0 24.0#





#33
Chrysene
Concen: 0.10 ng m
RT: 21.431 min Scan# 2444
Delta R.T. -0.018 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09

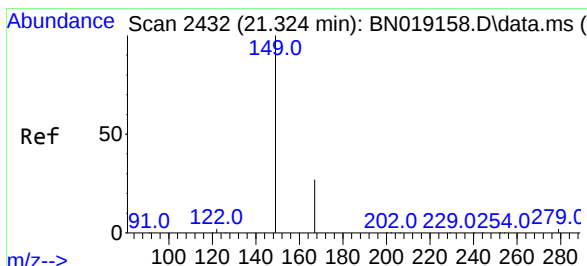
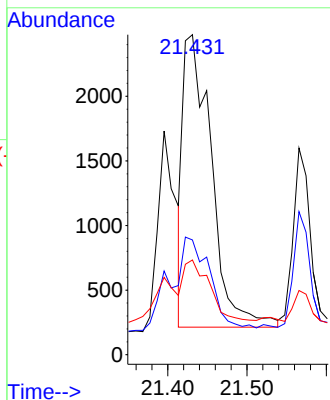
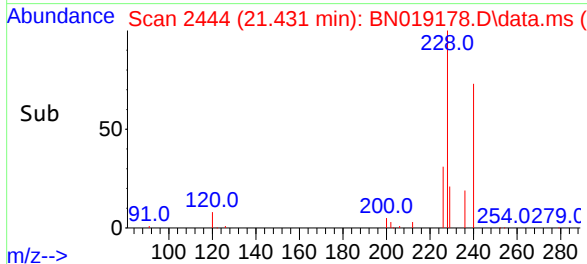
Instrument :
BNA_N
ClientSampleId :
MW-63



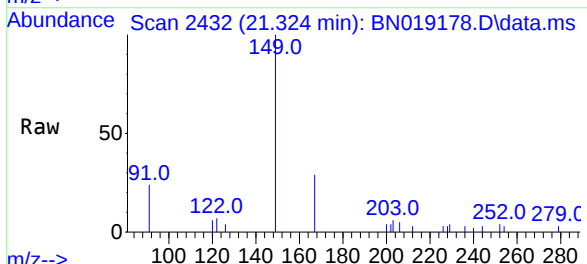
Tgt Ion:228 Resp: 562
Ion Ratio Lower Upper
228 100
226 35.8 24.0 36.0
229 29.6 15.9 23.9

Manual Integrations
APPROVED

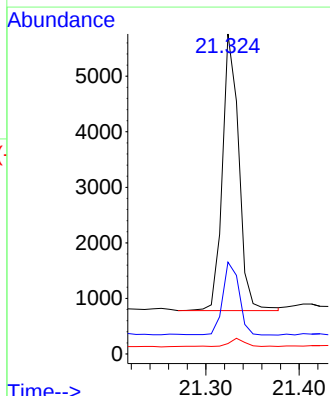
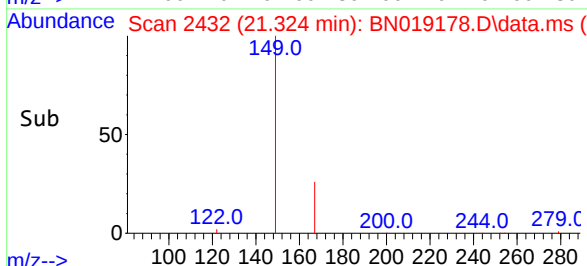
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

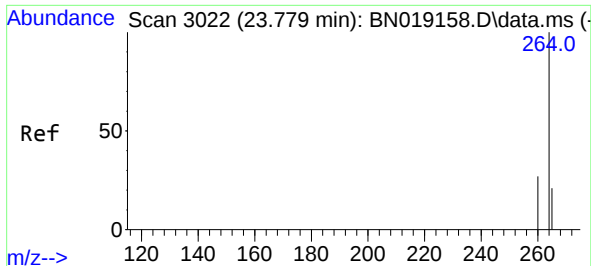


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019178.D
Acq: 26 Mar 2022 06:09



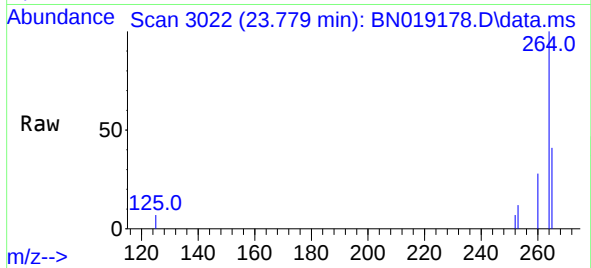
Tgt Ion:149 Resp: 6039
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 3.8 2.0 3.0





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09

Instrument :
 BNA_N
 ClientSampleId :
 MW-63

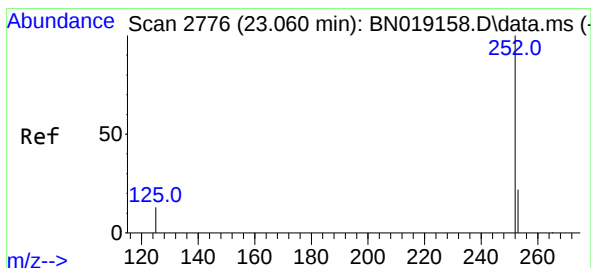
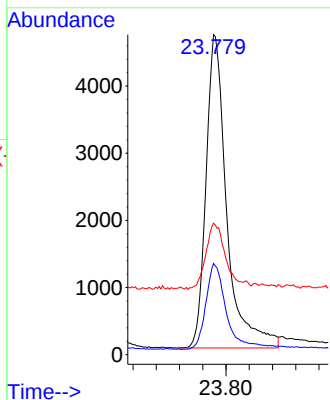
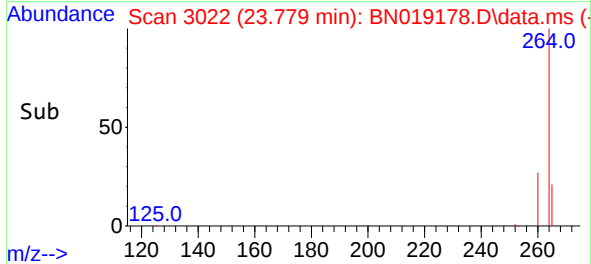


Tgt Ion:264 Resp: 11604

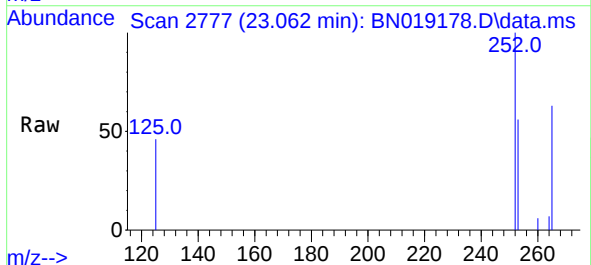
Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.4	33.6
265	41.1	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/29/2022



#37
 Benzo(b)fluoranthene
 Concen: 0.07 ng m
 RT: 23.062 min Scan# 2777
 Delta R.T. 0.003 min
 Lab File: BN019178.D
 Acq: 26 Mar 2022 06:09



Tgt Ion:252 Resp: 3243

Ion	Ratio	Lower	Upper
252	100		
253	56.0	18.9	28.3#
125	45.9	12.1	18.1#

