

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032922\
 Data File : BN019222.D
 Acq On : 29 Mar 2022 13:21
 Operator : CG/JU
 Sample : N2107-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2022
 Supervised By : Jagrut Upadhyay 03/30/2022

Quant Time: Mar 29 17:28:33 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	7.840	152	4920	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12097	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6527	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	11150	0.400	ng	0.00
29) Chrysene-d12	21.413	240	7627	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	6692	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3185	0.274	ng	0.00
5) Phenol-d6	7.002	99	3251	0.244	ng	0.00
8) Nitrobenzene-d5	9.003	82	2497	0.266	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	6099	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	82	0.026	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	8206	0.299	ng	0.00
27) Fluoranthene-d10	19.257	212	11374	0.349	ng	0.00
31) Terphenyl-d14	19.855	244	5857	0.344	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.549	154	520	0.025	ng	98
18) Fluorene	15.532	166	658	0.024	ng	# 94
25) Phenanthrene	17.266	178	8093	0.226	ng	99
26) Anthracene	17.359	178	2009	0.068	ng	# 91
28) Fluoranthene	19.286	202	10817	0.268	ng	100
30) Pyrene	19.649	202	8495	0.236	ng	96
32) Benzo(a)anthracene	21.404	228	2806	0.115	ng	94
33) Chrysene	21.449	228	2909m	0.093	ng	
34) Bis(2-ethylhexyl)phtha...	21.324	149	1725	0.116	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.232	276	1386	0.052	ng	# 66
37) Benzo(b)fluoranthene	23.071	252	3297	0.130	ng	# 54
38) Benzo(k)fluoranthene	23.106	252	1679m	0.052	ng	
39) Benzo(a)pyrene	23.679	252	2124	0.098	ng	# 40
41) Benzo(g,h,i)perylene	26.971	276	1798m	0.065	ng	

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

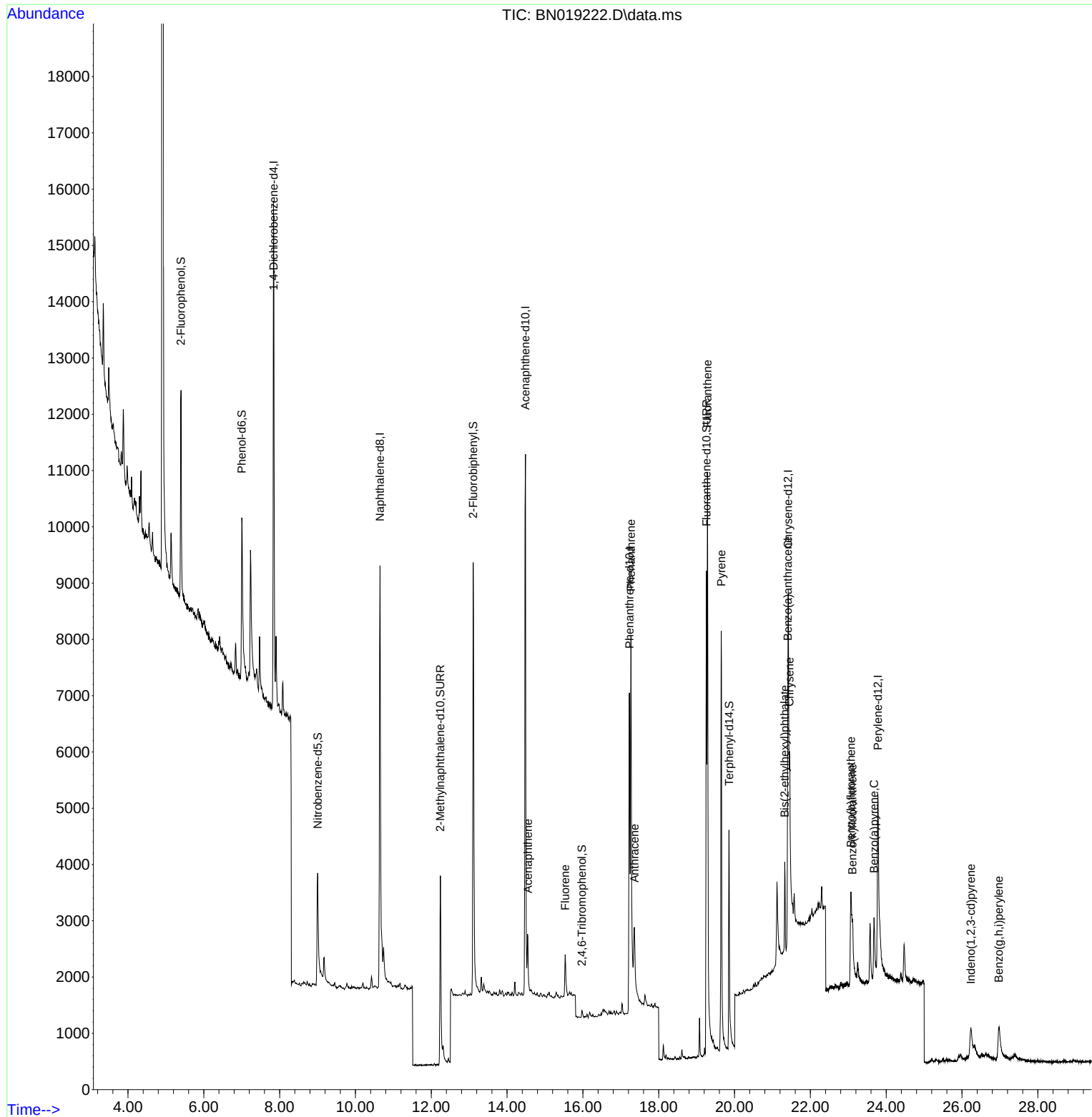
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032922\
Data File : BN019222.D
Acq On : 29 Mar 2022 13:21
Operator : CG/JU
Sample : N2107-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

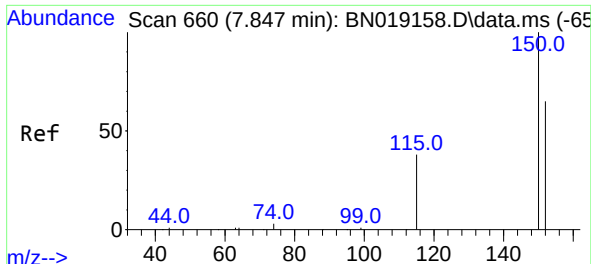
Instrument :
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Quant Time: Mar 29 17:28:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
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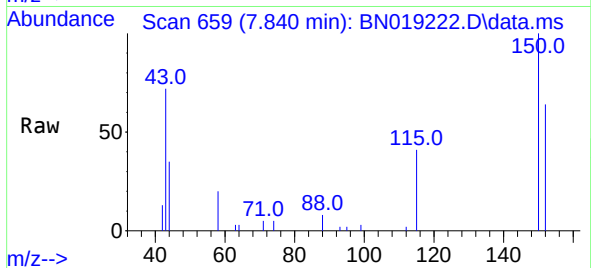
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 660
Delta R.T. -0.007 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

Instrument :

BNA_N

ClientSampleId :

SS2

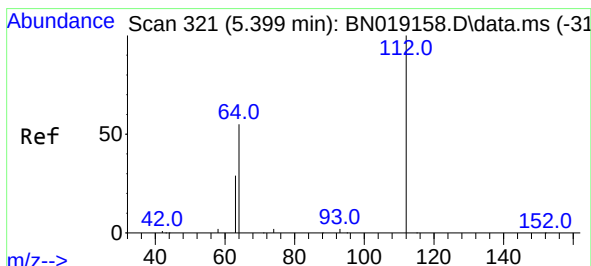
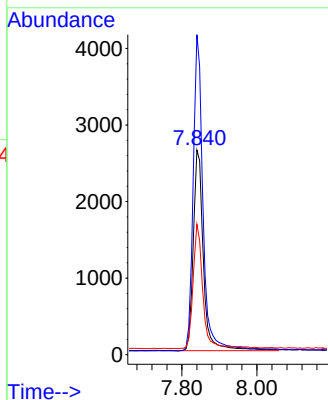
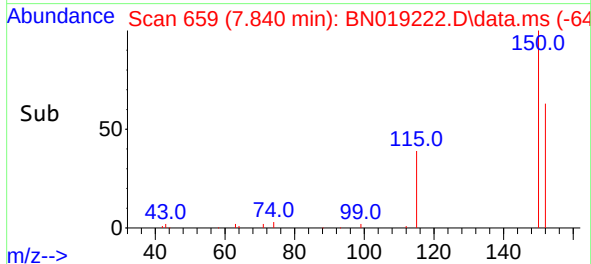


Tgt Ion:152 Resp: 4920
Ion Ratio Lower Upper
152 100
150 156.3 123.9 185.9
115 63.7 48.2 72.4

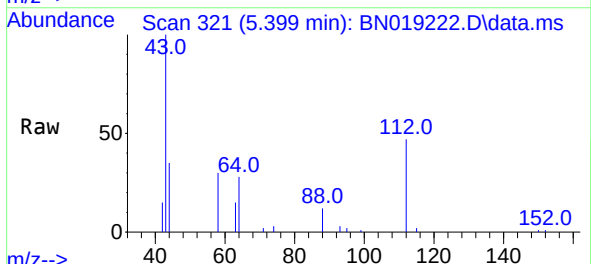
Manual Integrations

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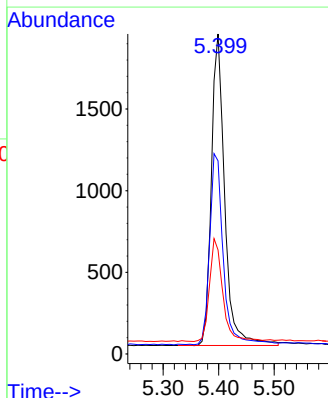
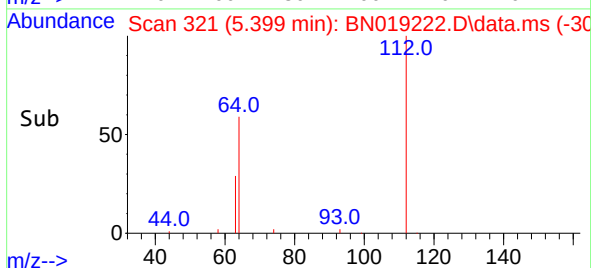
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

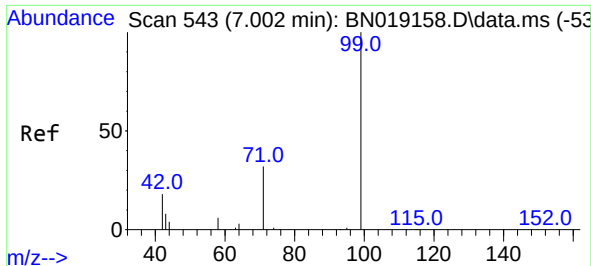


#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



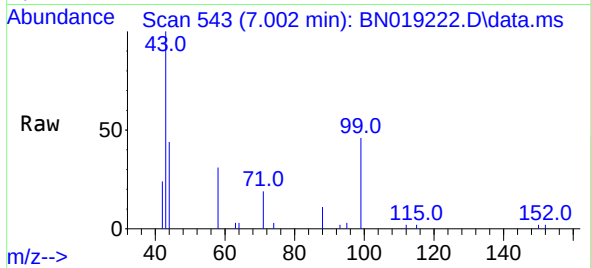
Tgt Ion:112 Resp: 3185
Ion Ratio Lower Upper
112 100
64 62.7 47.8 71.8
63 32.8 25.7 38.5





#5
Phenol-d6
Concen: 0.244 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

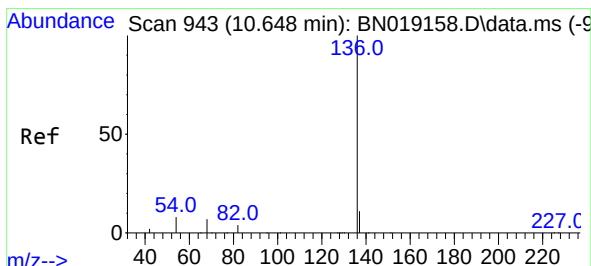
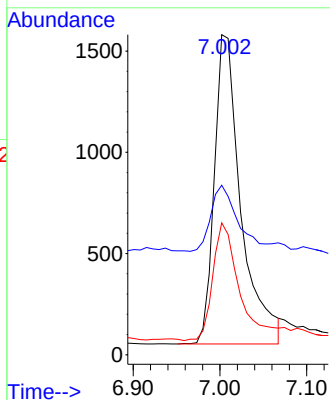
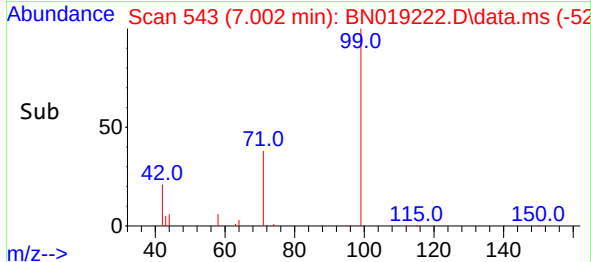
Instrument :
BNA_N
ClientSampleId :
SS2



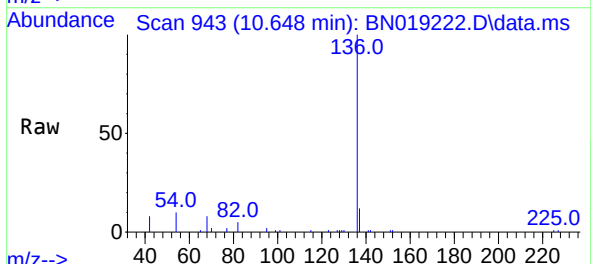
Tgt Ion: 99 Resp: 325
Ion Ratio Lower Upper
99 100
42 21.1 16.2 24.4
71 38.2 27.7 41.5

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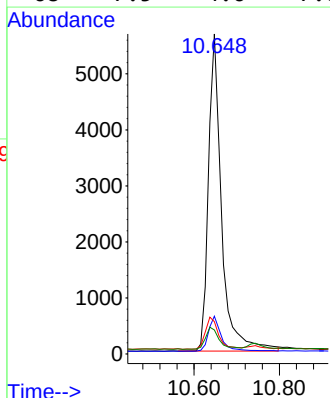
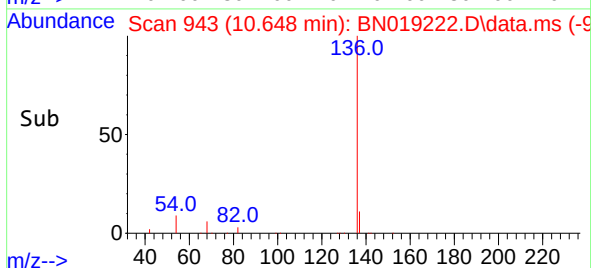
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

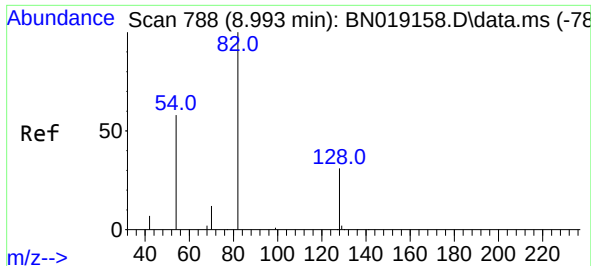


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



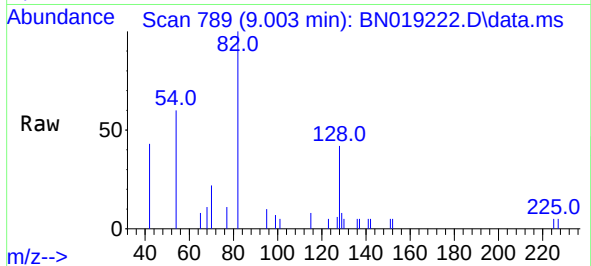
Tgt Ion:136 Resp: 12097
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 10.1 5.8 8.6#
68 7.5 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 9.003 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

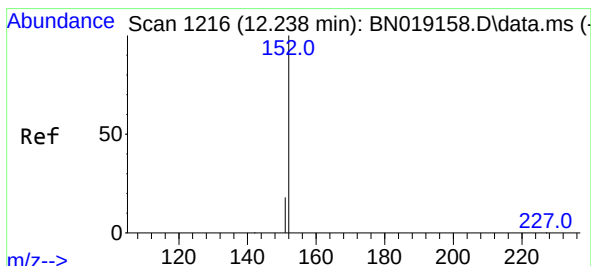
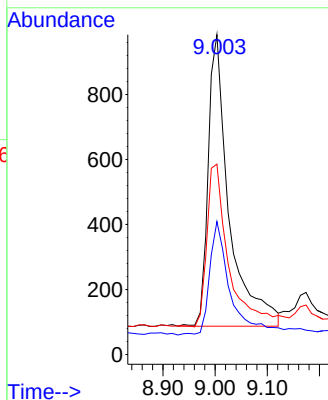
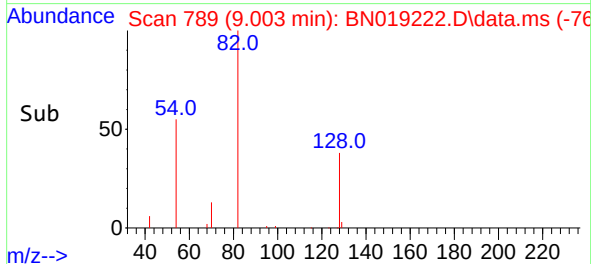
Instrument :
BNA_N
ClientSampleId :
SS2



Tgt Ion: 82 Resp: 249
Ion Ratio Lower Upper
82 100
128 41.6 33.0 49.6
54 59.6 42.5 63.7

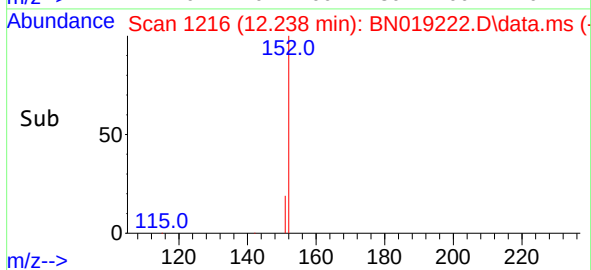
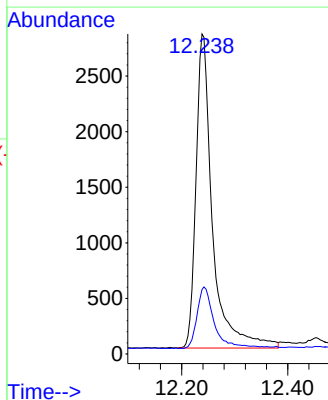
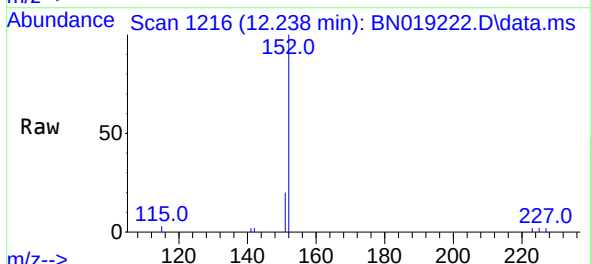
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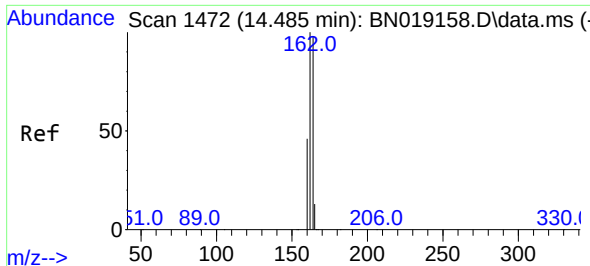
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

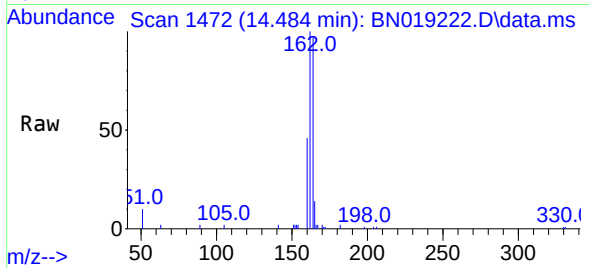
Tgt Ion:152 Resp: 6099
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

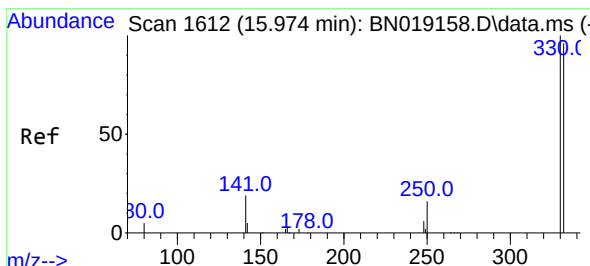
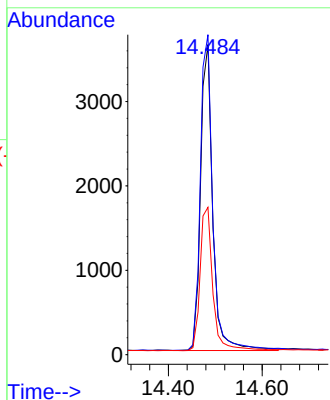
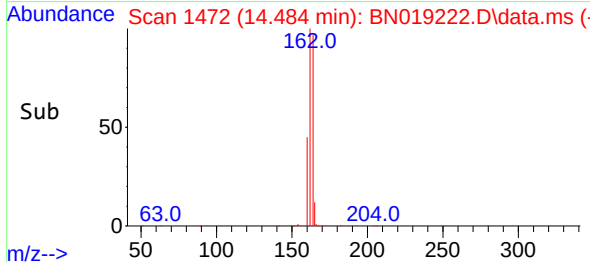
Instrument :
BNA_N
ClientSampleId :
SS2



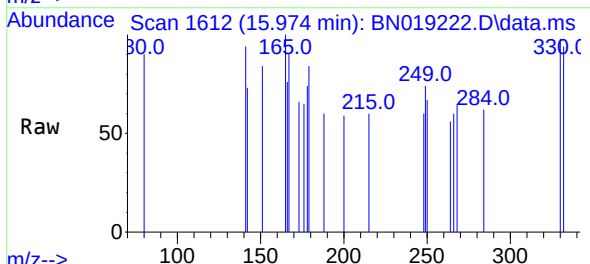
Tgt Ion:164 Resp: 652
Ion Ratio Lower Upper
164 100
162 103.2 85.2 127.8
160 47.6 41.5 62.3

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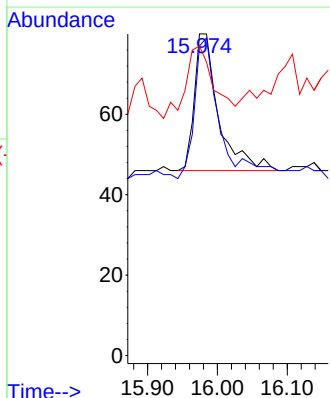
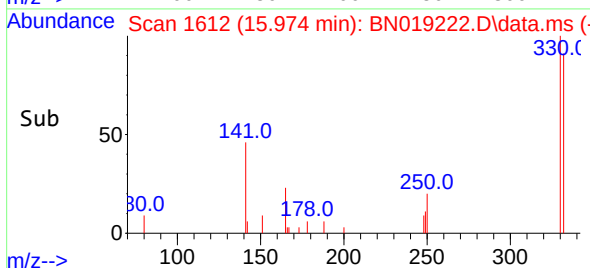
Reviewed By :Christian Giraldo 03/30/2022
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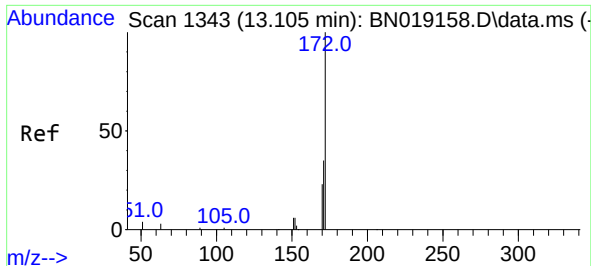


#14
2,4,6-Tribromophenol
Concen: 0.026 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



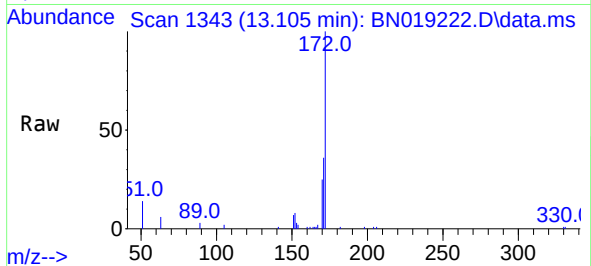
Tgt Ion:330 Resp: 82
Ion Ratio Lower Upper
330 100
332 108.5 76.8 115.2
141 62.2 32.2 48.2#





#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

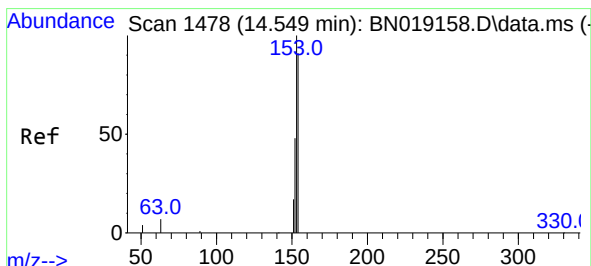
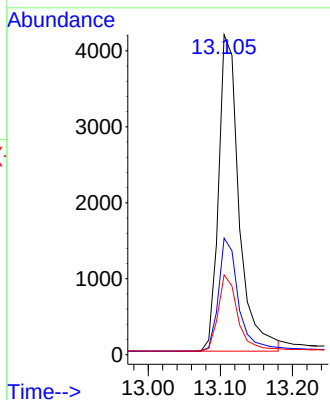
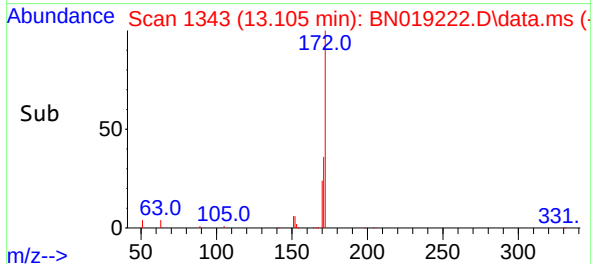
Instrument :
BNA_N
ClientSampleId :
SS2



Tgt Ion:172 Resp: 8200
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.2
170 24.9 18.7 28.1

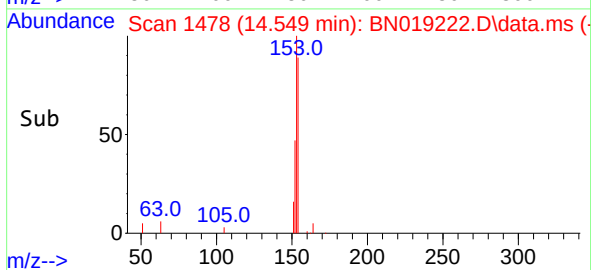
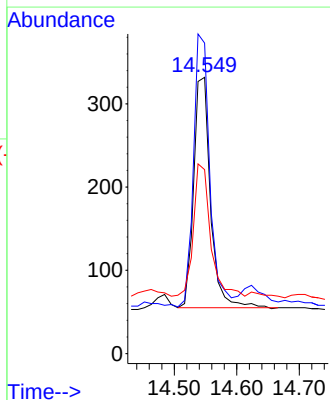
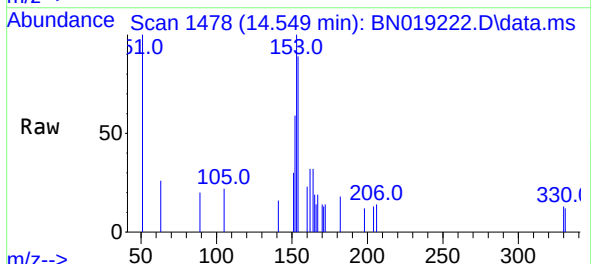
Manual Integrations
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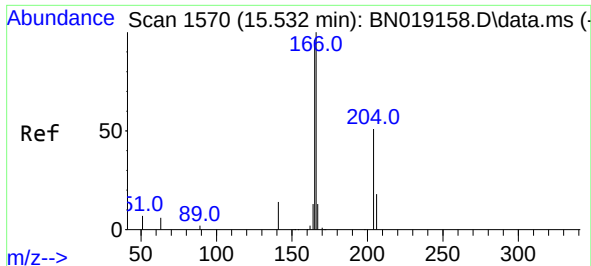
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#17
Acenaphthene
Concen: 0.025 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

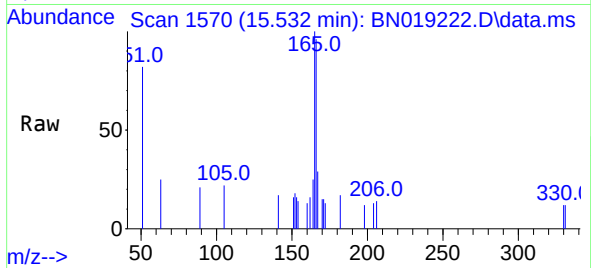
Tgt Ion:154 Resp: 520
Ion Ratio Lower Upper
154 100
153 114.8 89.7 134.5
152 57.3 44.7 67.1





#18
Fluorene
Concen: 0.024 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

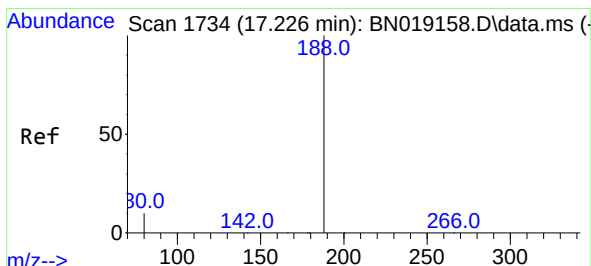
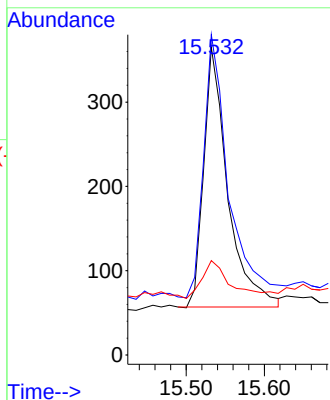
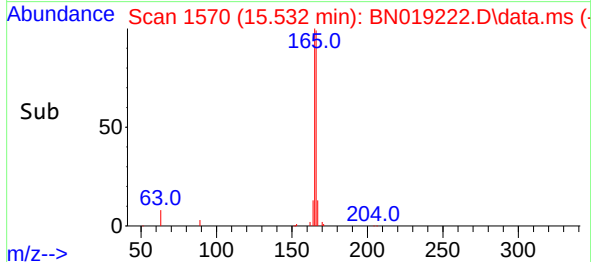
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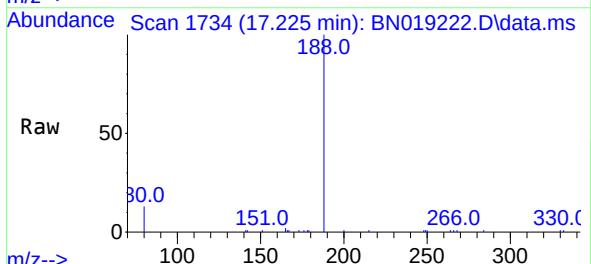
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Ion Ratio Lower Upper
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165 104.4 79.2 118.8
167 16.7 10.7 16.1

Manual Integrations
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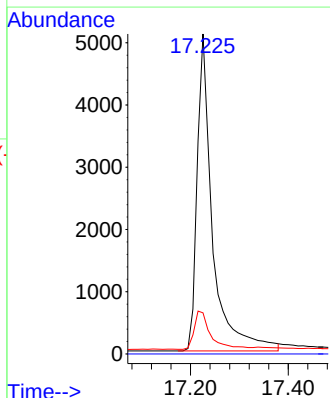
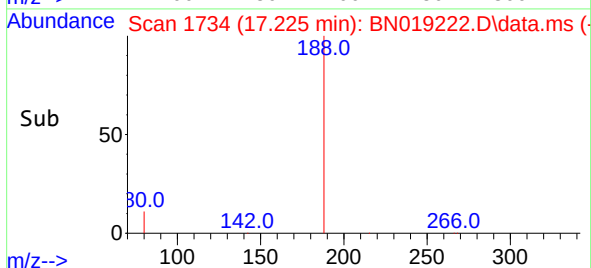
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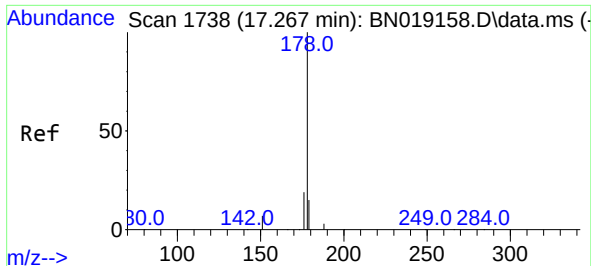


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



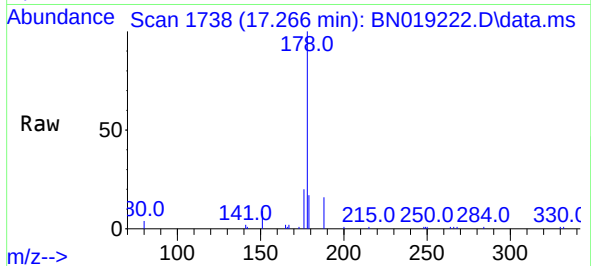
Tgt Ion:188 Resp: 11150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 11.8 17.8





#25
Phenanthrene
Concen: 0.226 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

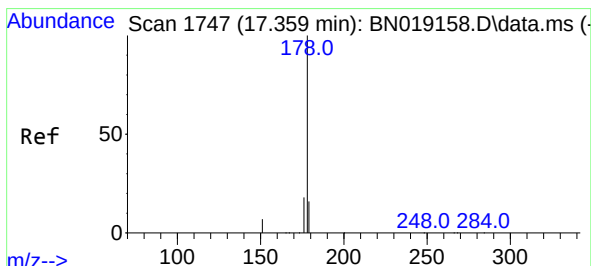
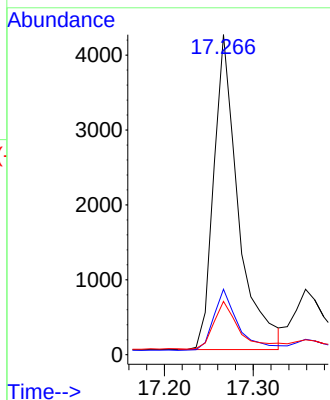
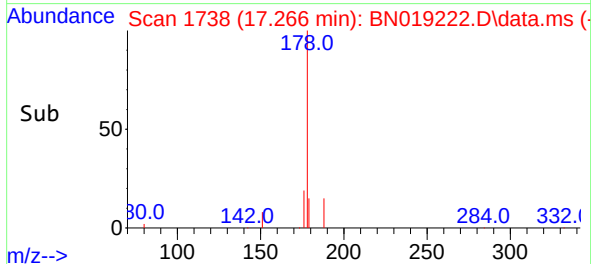
Instrument :
BNA_N
ClientSampleId :
SS2



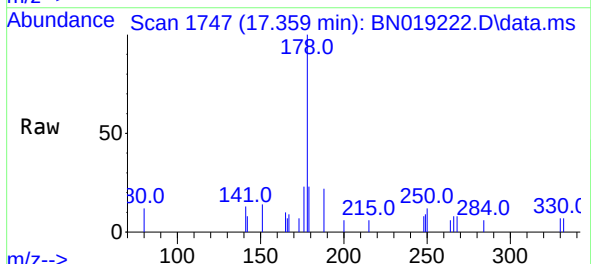
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Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.5 12.2 18.2

Manual Integrations
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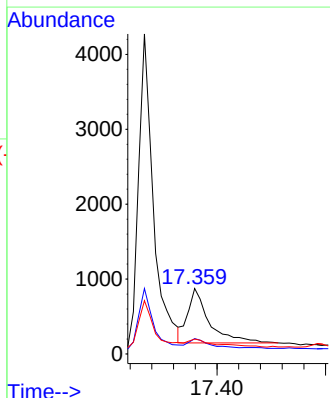
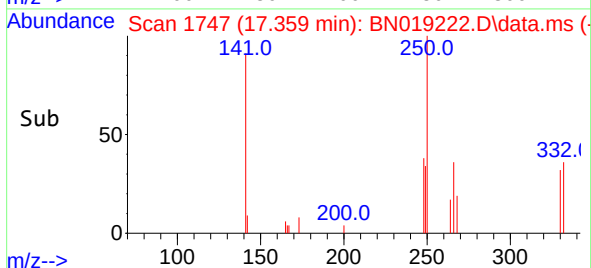
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

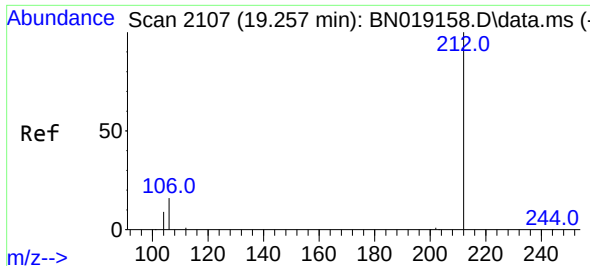


#26
Anthracene
Concen: 0.068 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



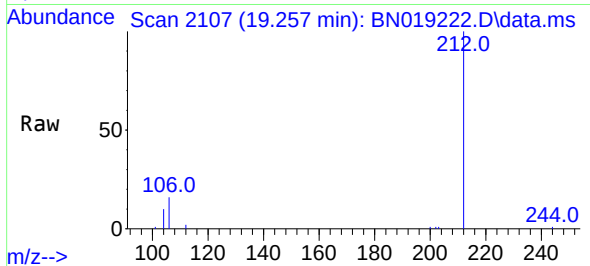
Tgt Ion:178 Resp: 2009
Ion Ratio Lower Upper
178 100
176 13.3 14.8 22.2#
179 17.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

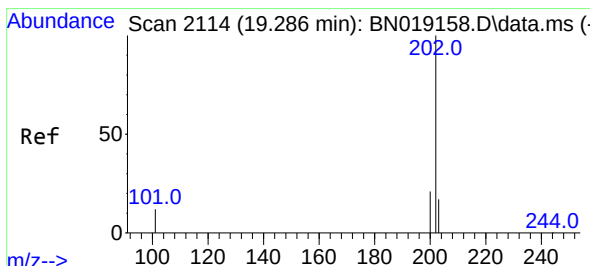
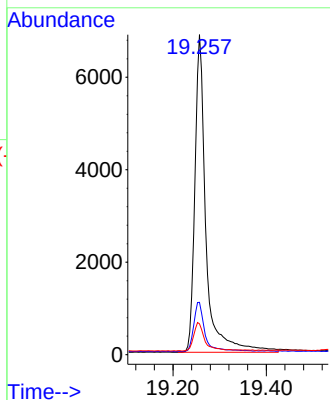
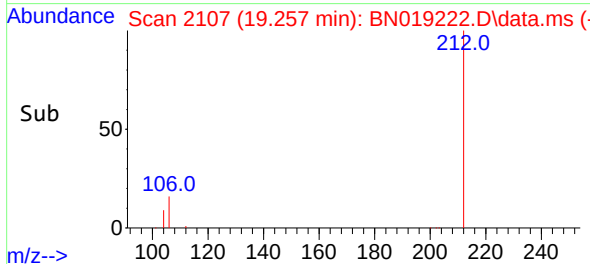
Instrument :
BNA_N
ClientSampleId :
SS2



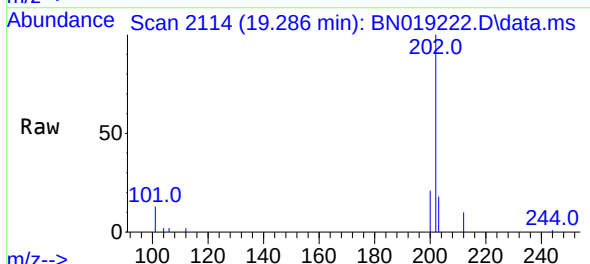
Tgt Ion:212 Resp: 11374
Ion Ratio Lower Upper
212 100
106 15.8 12.7 19.1
104 8.9 7.1 10.7

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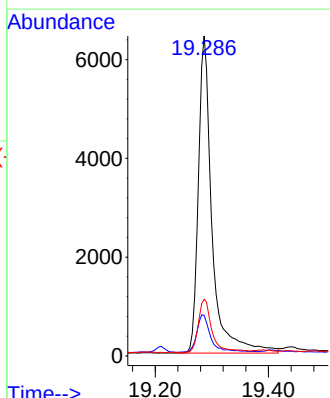
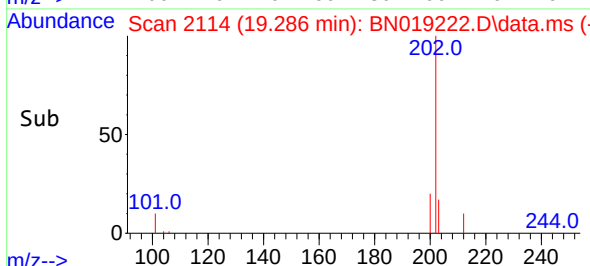
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

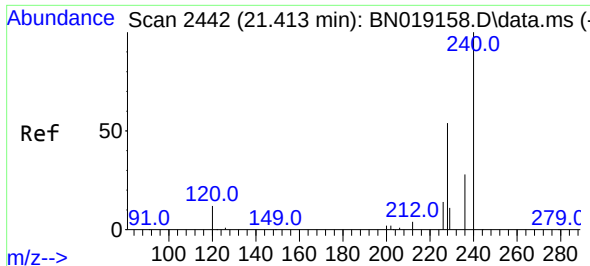


#28
Fluoranthene
Concen: 0.268 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



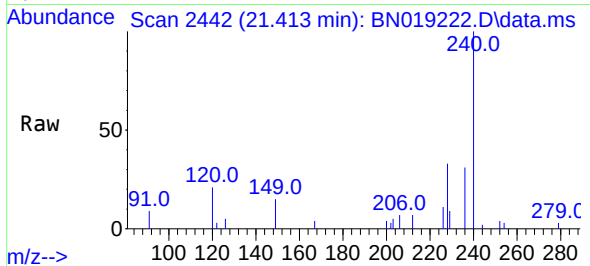
Tgt Ion:202 Resp: 10817
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
203 17.0 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

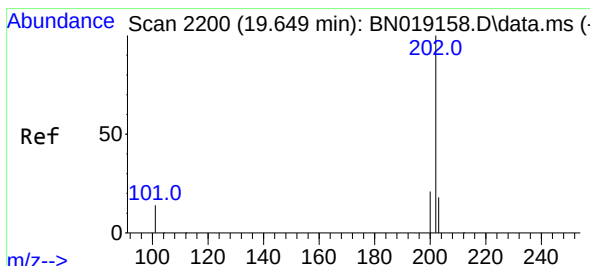
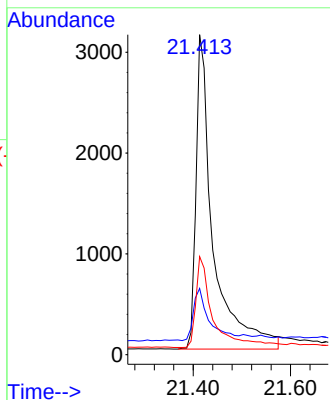
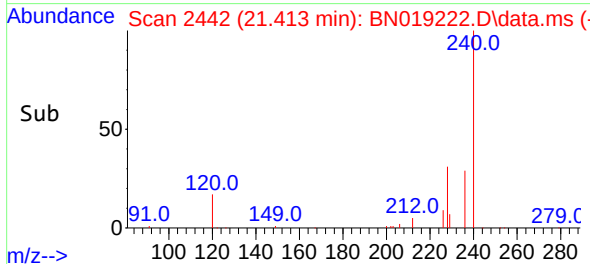
Instrument :
BNA_N
ClientSampleId :
SS2



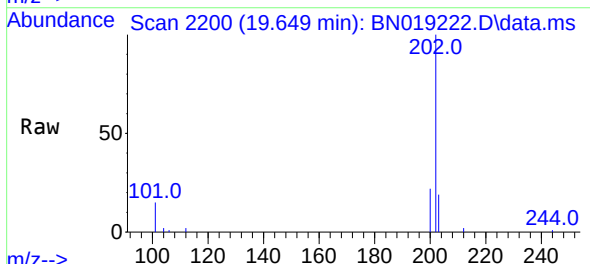
Tgt Ion:240 Resp: 762
Ion Ratio Lower Upper
240 100
120 20.7 8.5 12.7
236 30.7 22.4 33.6

Manual Integrations
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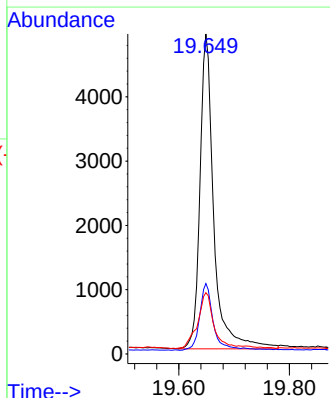
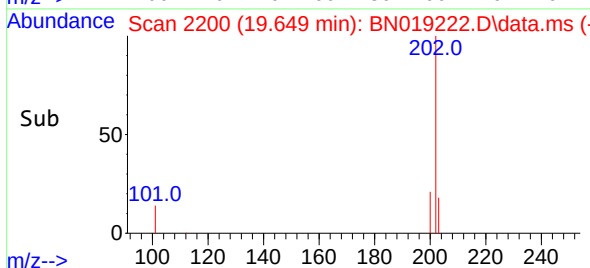
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

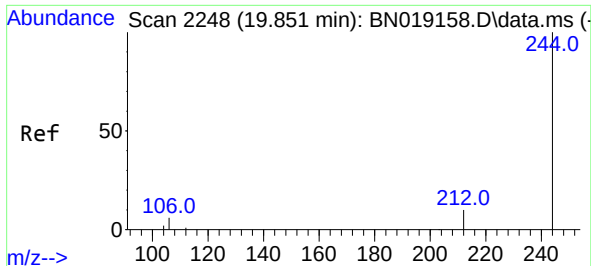


#30
Pyrene
Concen: 0.236 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



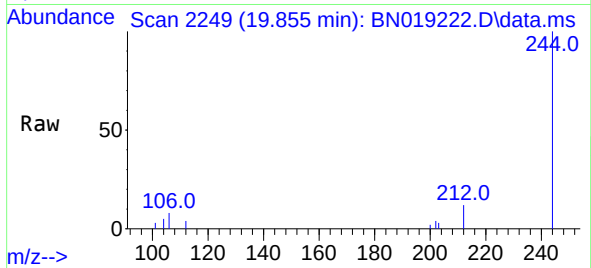
Tgt Ion:202 Resp: 8495
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 20.8 14.2 21.2





#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.855 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

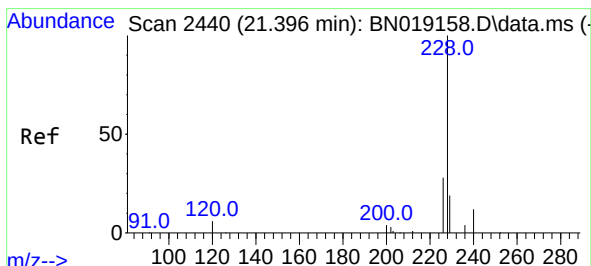
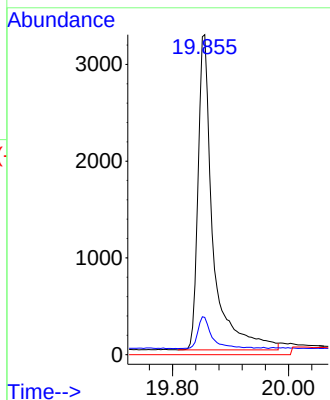
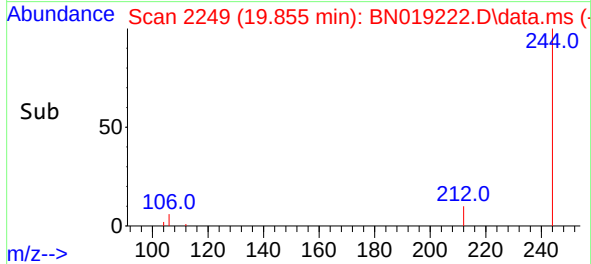
Instrument :
BNA_N
ClientSampleId :
SS2



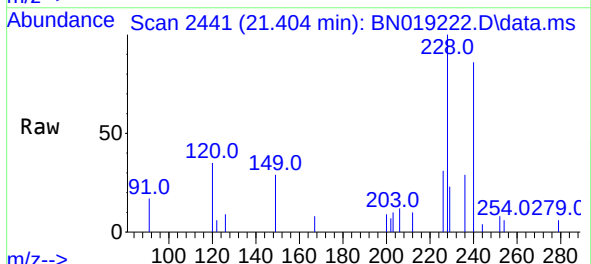
Tgt Ion:244 Resp: 585
Ion Ratio Lower Upper
244 100
212 11.6 8.2 12.4
122 0.0 0.0 0.0

Manual Integrations
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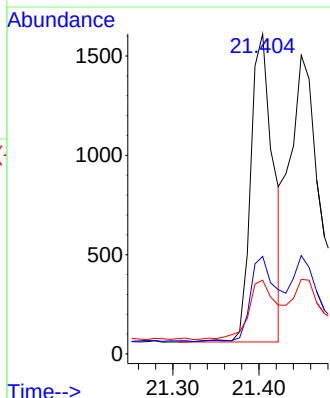
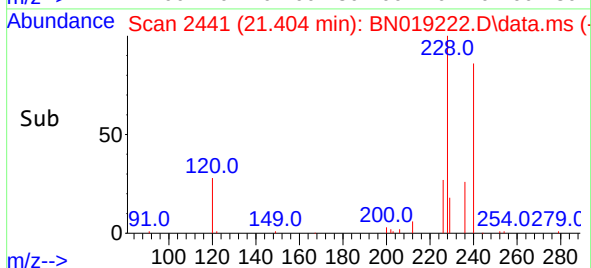
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

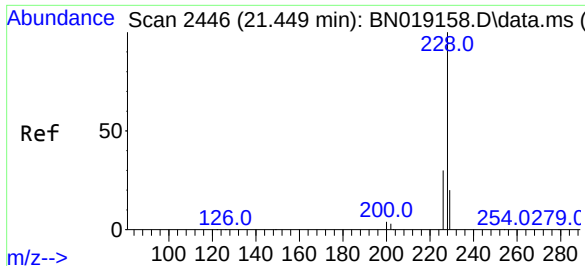


#32
Benzo(a)anthracene
Concen: 0.115 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.009 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



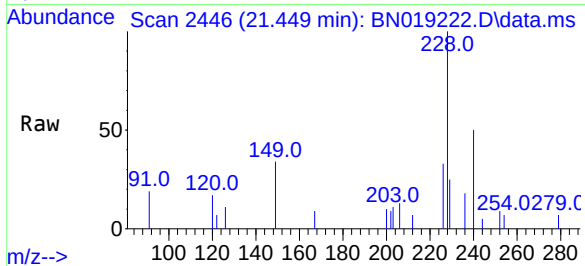
Tgt Ion:228 Resp: 2806
Ion Ratio Lower Upper
228 100
226 30.5 21.9 32.9
229 23.1 16.0 24.0





#33
Chrysene
Concen: 0.093 ng m
RT: 21.449 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

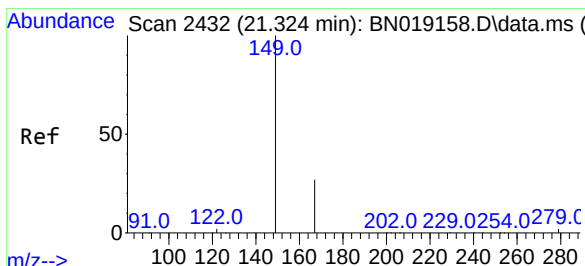
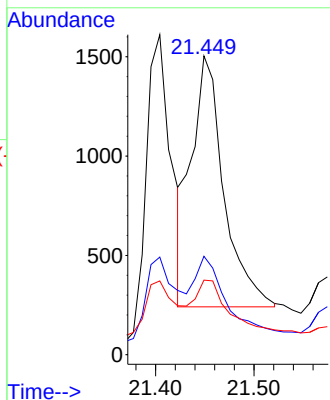
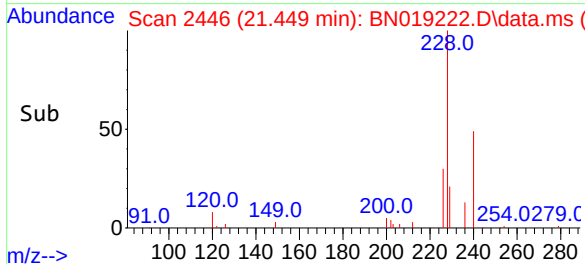
Instrument :
BNA_N
ClientSampleId :
SS2



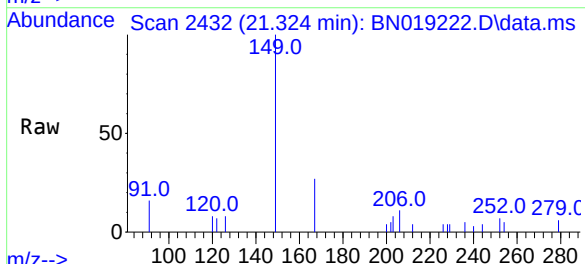
Tgt Ion:228 Resp: 2909
Ion Ratio Lower Upper
228 100
226 33.0 24.0 36.0
229 25.0 15.9 23.9

Manual Integrations
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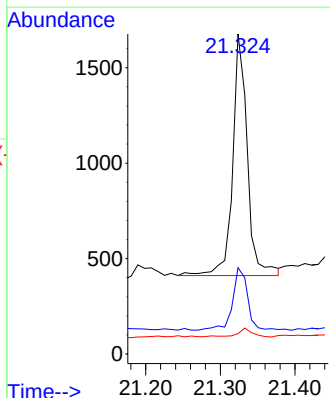
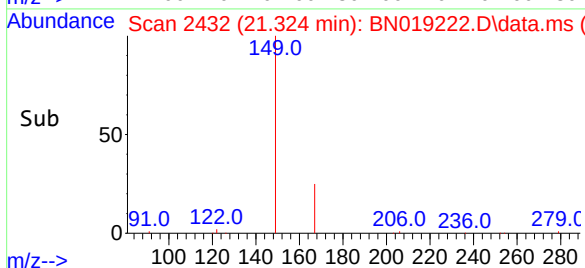
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

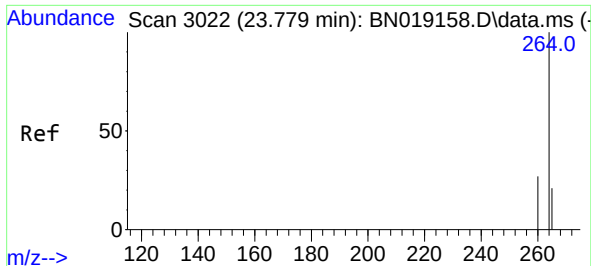


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21



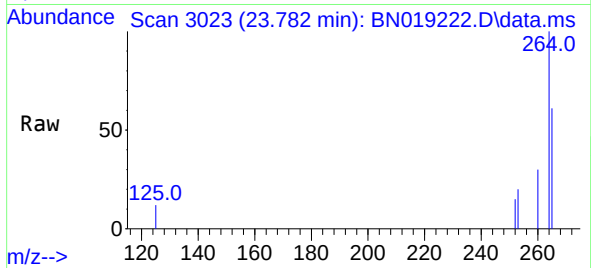
Tgt Ion:149 Resp: 1725
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 3.8 2.0 3.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3022
Delta R.T. 0.003 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

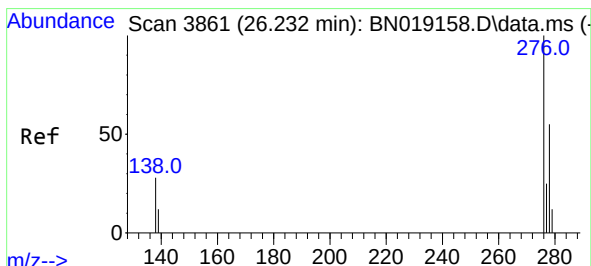
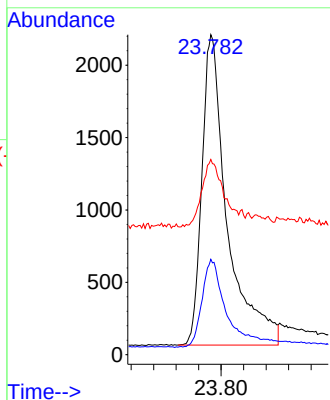
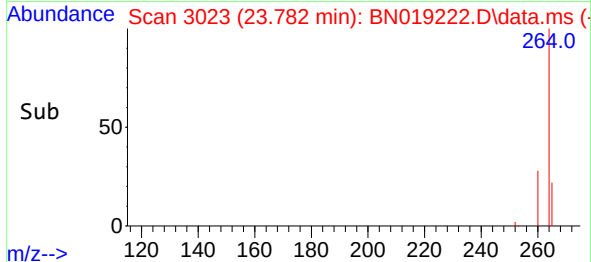
Instrument :
BNA_N
ClientSampleId :
SS2



Tgt Ion:264 Resp: 6692
Ion Ratio Lower Upper
264 100
260 29.8 22.4 33.6
265 61.0 25.3 37.9

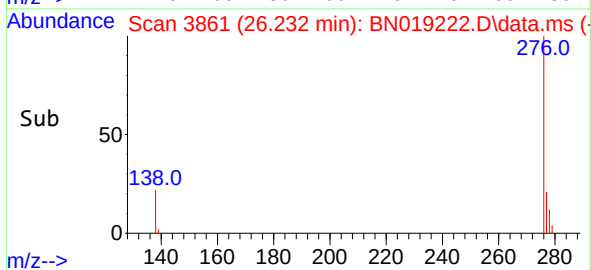
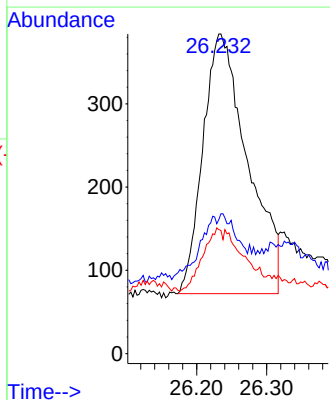
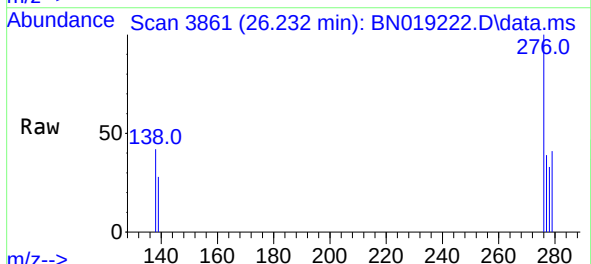
Manual Integrations
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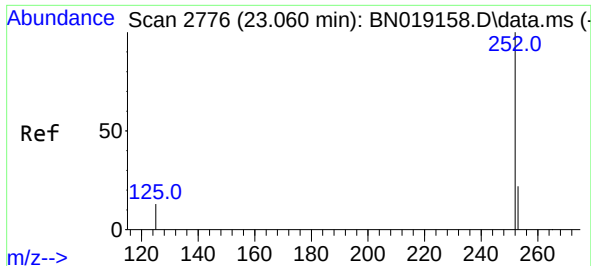
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng
RT: 26.232 min Scan# 3861
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

Tgt Ion:276 Resp: 1386
Ion Ratio Lower Upper
276 100
138 9.6 24.5 36.7#
277 10.7 19.8 29.8#





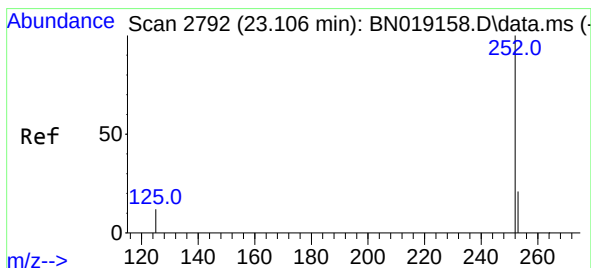
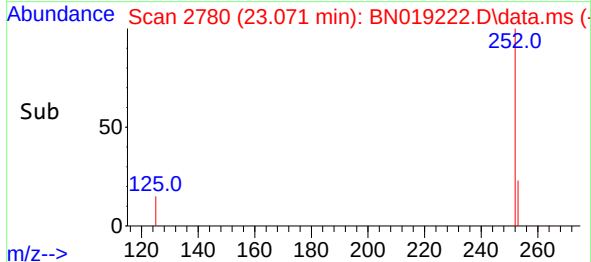
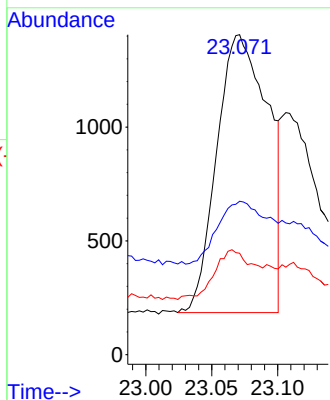
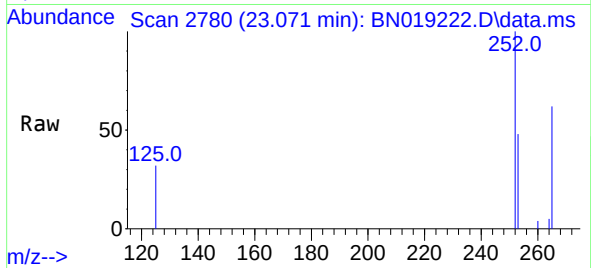
#37
Benzo(b)fluoranthene
Concen: 0.130 ng
RT: 23.071 min Scan# 2776
Delta R.T. 0.012 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

Instrument :
BNA_N
ClientSampleId :
SS2

Tgt Ion:252 Resp: 329
Ion Ratio Lower Upper
252 100
253 47.9 18.9 28.3#
125 31.7 12.1 18.1#

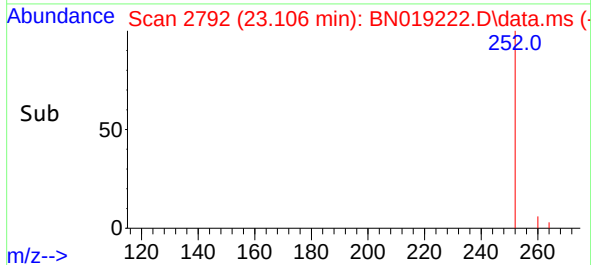
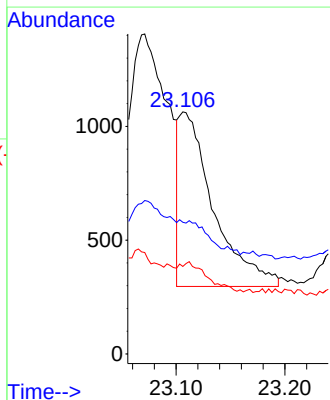
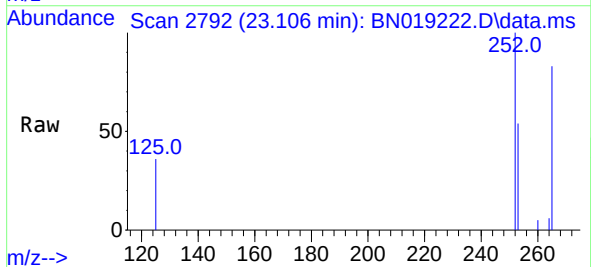
Manual Integrations
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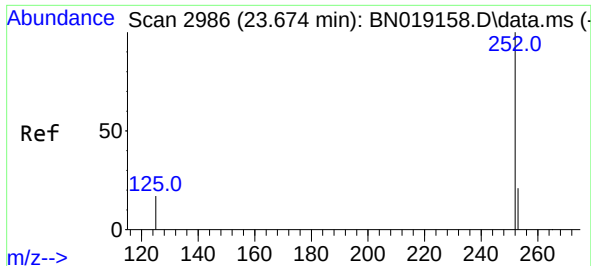
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#38
Benzo(k)fluoranthene
Concen: 0.052 ng m
RT: 23.106 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BN019222.D
Acq: 29 Mar 2022 13:21

Tgt Ion:252 Resp: 1679
Ion Ratio Lower Upper
252 100
253 54.4 18.9 28.3#
125 36.2 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.098 ng

RT: 23.679 min Scan# 2988

Delta R.T. 0.006 min

Lab File: BN019222.D

Acq: 29 Mar 2022 13:21

Instrument :

BN019222.D

ClientSampleId :

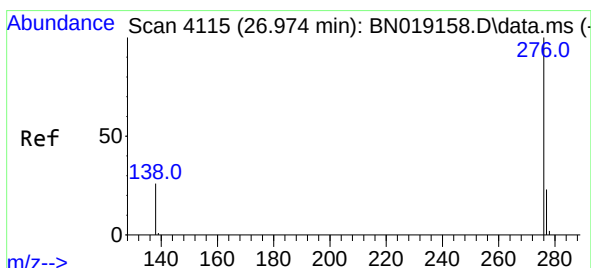
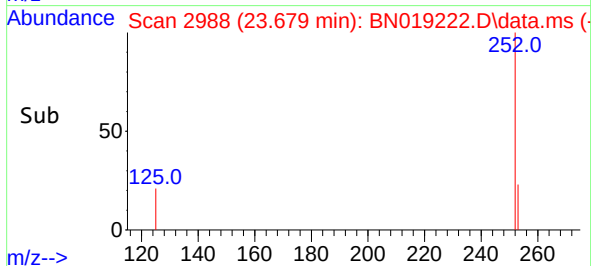
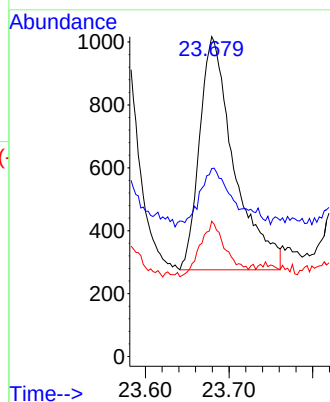
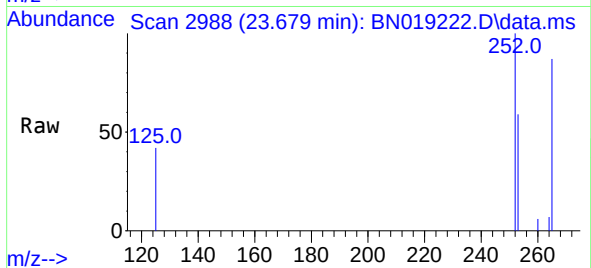
SS2

Tgt Ion:	252	Resp:	2124
Ion Ratio	Lower	Upper	
252	100		
253	58.8	20.1	30.1
125	42.3	15.2	22.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#41

Benzo(g,h,i)perylene

Concen: 0.065 ng m

RT: 26.971 min Scan# 4114

Delta R.T. -0.003 min

Lab File: BN019222.D

Acq: 29 Mar 2022 13:21

Tgt Ion:	276	Resp:	1798
Ion Ratio	Lower	Upper	
276	100		
277	35.4	19.4	29.0
138	39.4	21.0	31.6

