

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
 Data File : BN018715.D
 Acq On : 24 Feb 2022 19:33
 Operator : CG/JU
 Sample : N1653-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20220223E

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/25/2022
 Supervised By : mohammad ahmed 02/28/2022

Quant Time: Feb 25 00:49:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 16:23:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6887	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	16834	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	8085	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	16253	0.400	ng	# 0.00
29) Chrysene-d12	21.458	240	11788	0.400	ng	# 0.00
35) Perylene-d12	23.860	264	7270	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	1569	0.100	ng	0.00
5) Phenol-d6	7.067	99	1036	0.057	ng	0.00
8) Nitrobenzene-d5	9.067	82	2939m	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	5922	0.233	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	725	0.230	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	10415	0.272	ng	-0.01
27) Fluoranthene-d10	19.312	212	13878	0.315	ng	0.00
31) Terphenyl-d14	19.906	244	9671	0.378	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.328	178	1135	0.021	ng	97
28) Fluoranthene	19.341	202	1267	0.022	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.377	149	1980	0.109	ng	# 96
37) Benzo(b)fluoranthene	23.133	252	824	0.025	ng	# 1

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

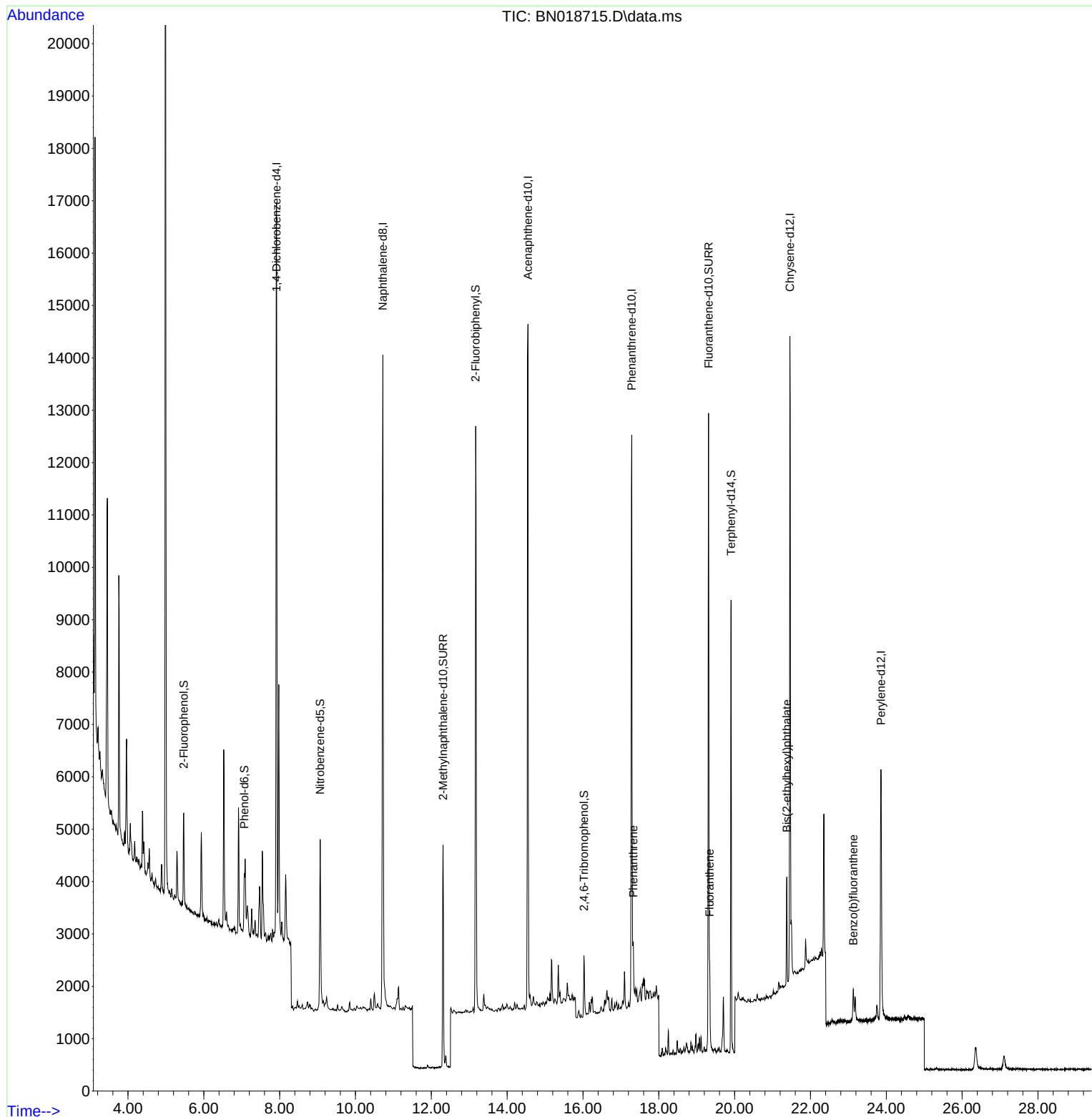
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
Data File : BN018715.D
Acq On : 24 Feb 2022 19:33
Operator : CG/JU
Sample : N1653-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

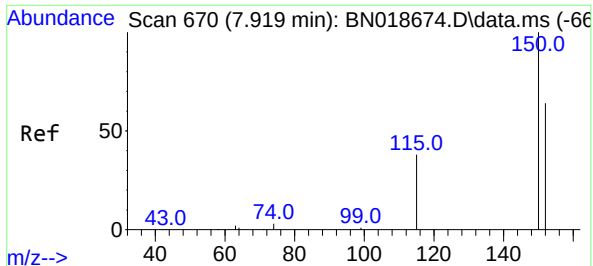
Instrument :
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ClientSampleId :
SP-303-20220223E

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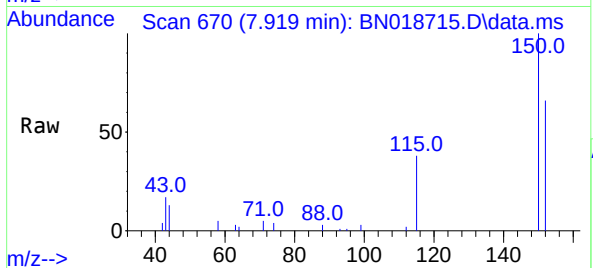
Quant Time: Feb 25 00:49:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

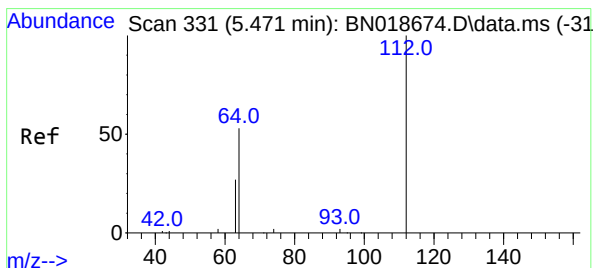
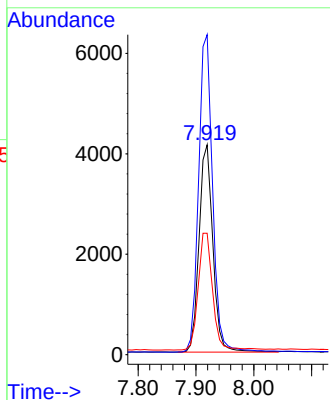
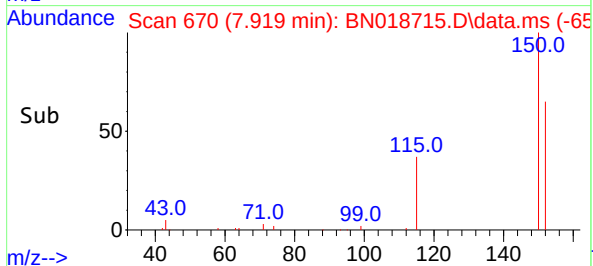
Instrument :
BNA_N
ClientSampleId :
SP-303-20220223E



Tgt Ion:152 Resp: 688
Ion Ratio Lower Upper
152 100
150 152.5 121.7 182.5
115 57.8 43.8 65.8

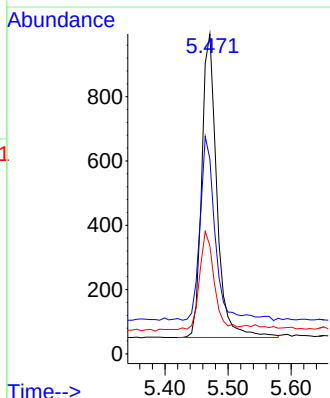
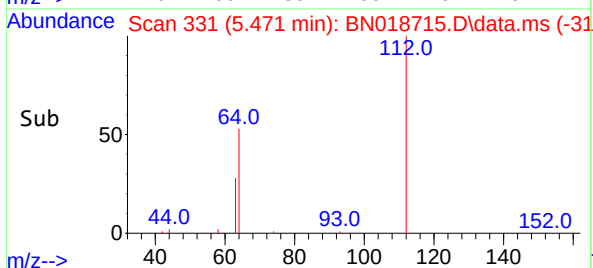
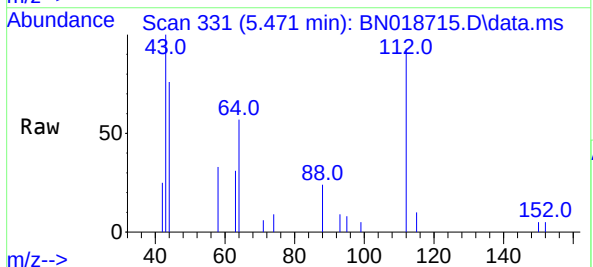
Manual Integrations
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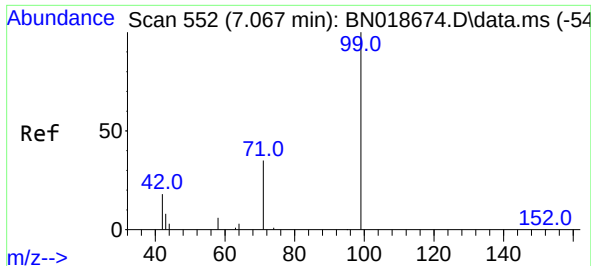
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

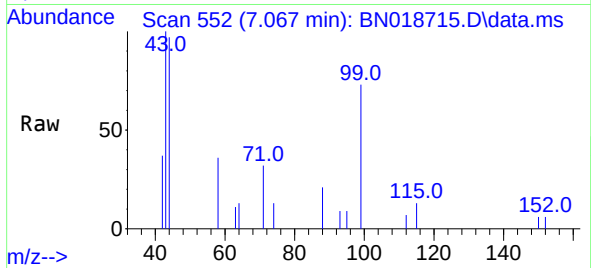
Tgt Ion:112 Resp: 1569
Ion Ratio Lower Upper
112 100
64 60.5 48.0 72.0
63 31.0 25.3 37.9





#5
Phenol-d6
Concen: 0.057 ng
RT: 7.067 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

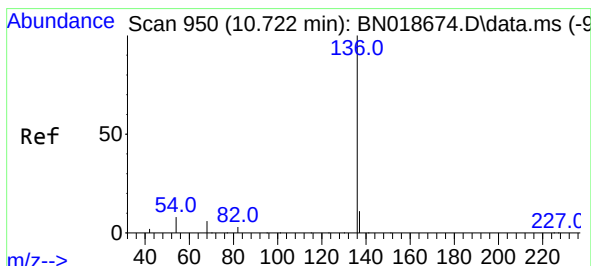
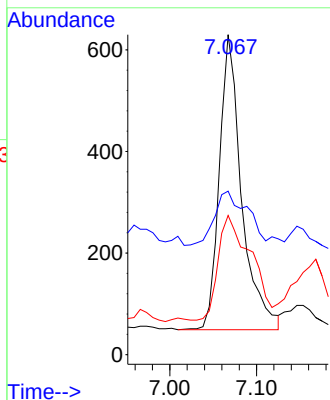
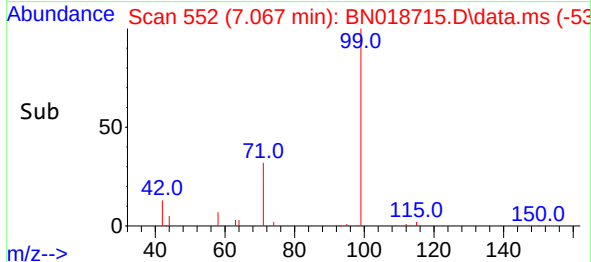
Instrument :
BNA_N
ClientSampleId :
SP-303-20220223E



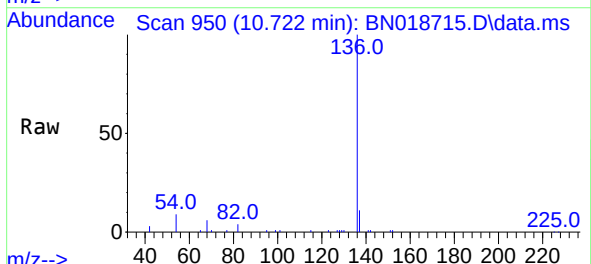
Tgt Ion: 99 Resp: 1030
Ion Ratio Lower Upper
99 100
42 27.7 16.3 24.5
71 52.0 26.8 40.2

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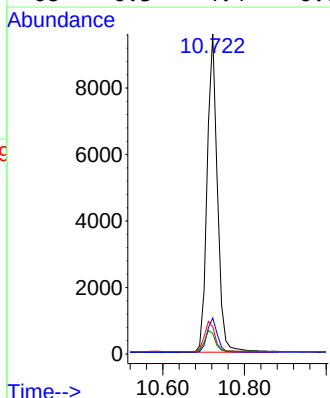
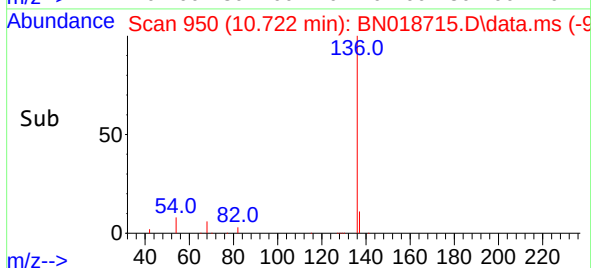
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

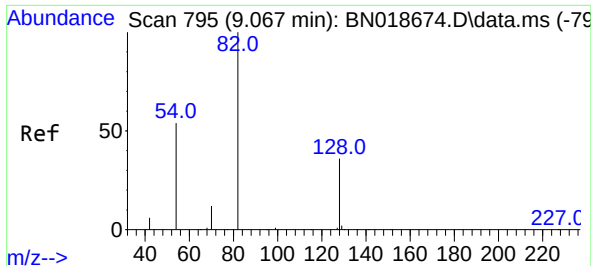


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33



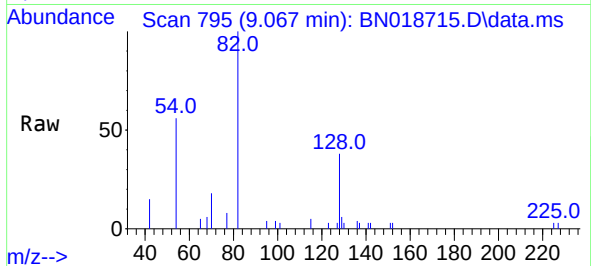
Tgt Ion:136 Resp: 16834
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.5 5.0 7.6
68 6.3 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.226 ng m
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

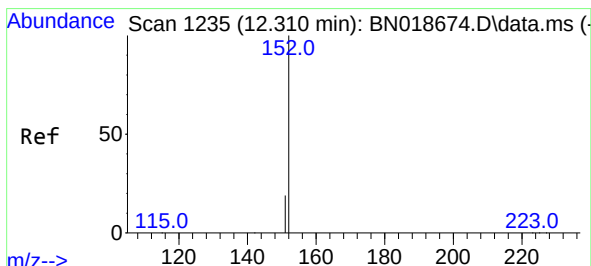
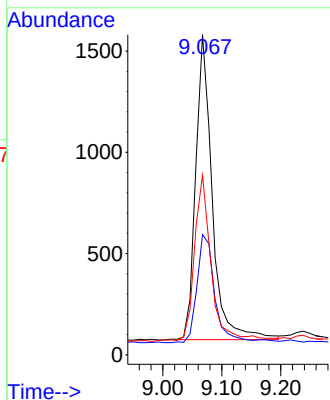
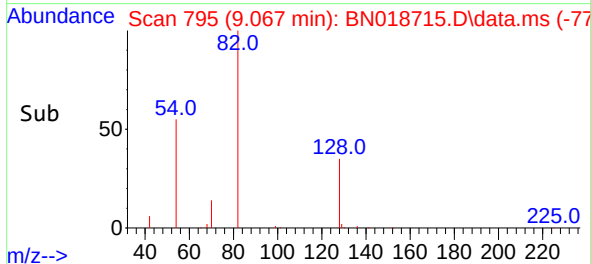
Instrument :
BNA_N
ClientSampleId :
SP-303-20220223E



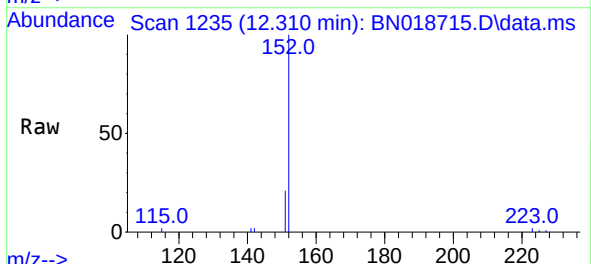
Tgt Ion: 82 Resp: 2939
Ion Ratio Lower Upper
82 100
128 37.6 33.7 50.5
54 56.1 36.6 55.0

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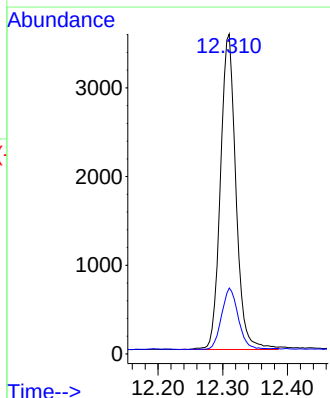
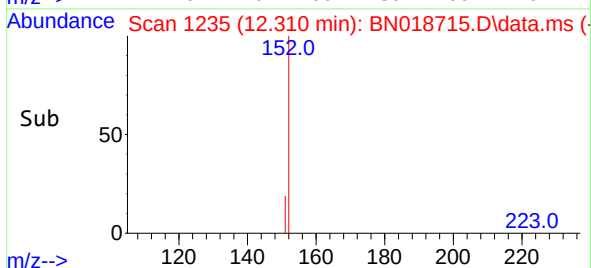
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

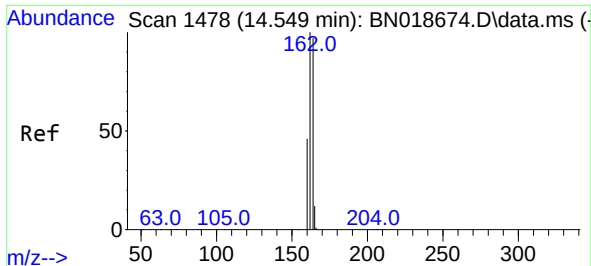


#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33



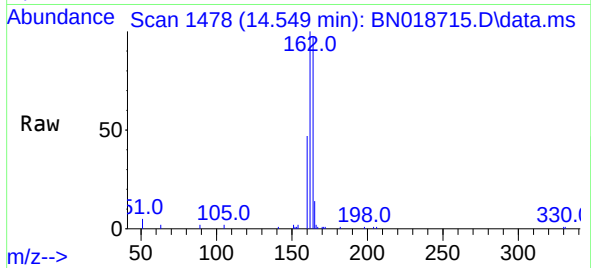
Tgt Ion:152 Resp: 5922
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

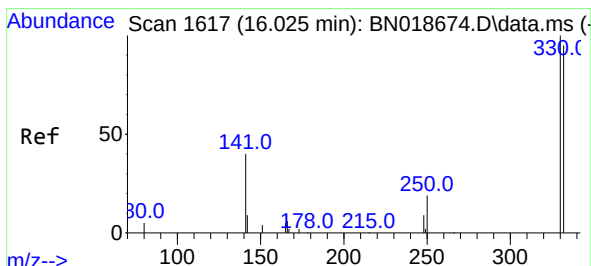
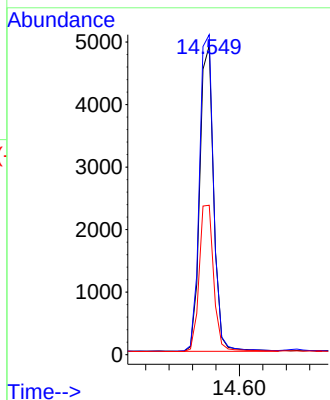
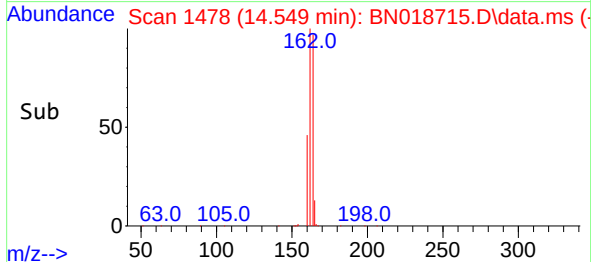
Instrument :
BNA_N
ClientSampleId :
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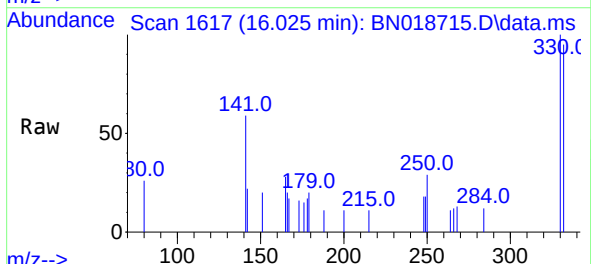
Tgt Ion:164 Resp: 808
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 48.3 36.9 55.3

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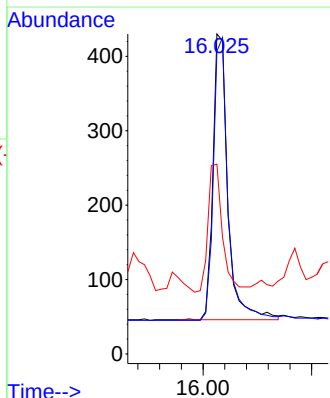
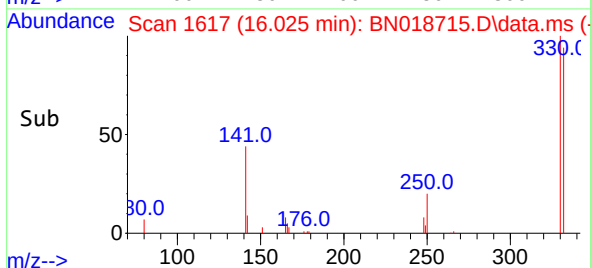
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

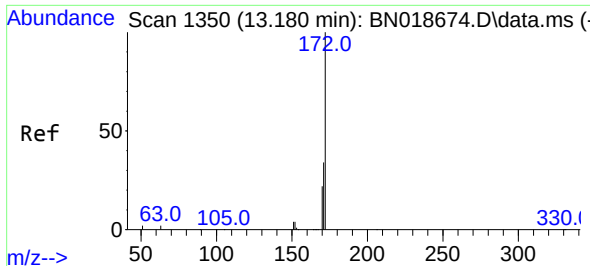


#14
2,4,6-Tribromophenol
Concen: 0.230 ng
RT: 16.025 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33



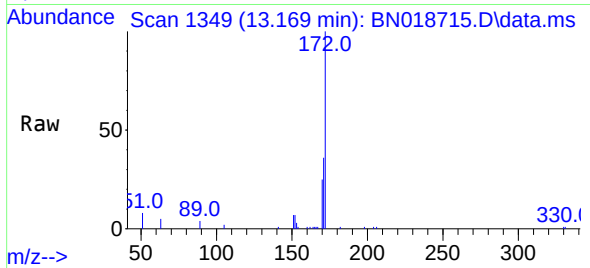
Tgt Ion:330 Resp: 725
Ion Ratio Lower Upper
330 100
332 97.5 0.0 0.0#
141 43.9 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.169 min Scan# 1349
Delta R.T. -0.011 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

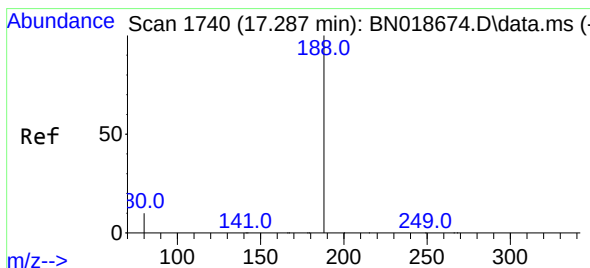
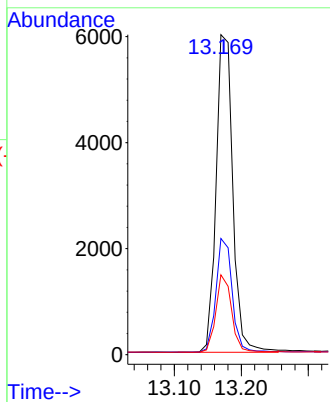
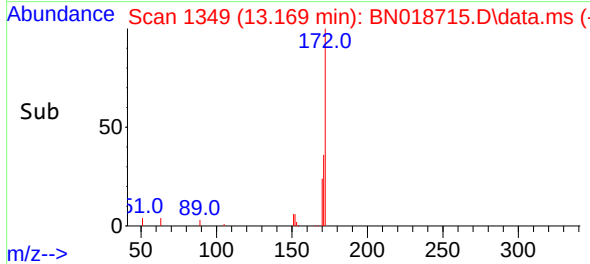
Instrument :
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Tgt Ion:	172	Resp:	1041
Ion Ratio	Lower	Upper	
172	100		
171	36.3	27.4	41.0
170	24.9	18.4	27.6

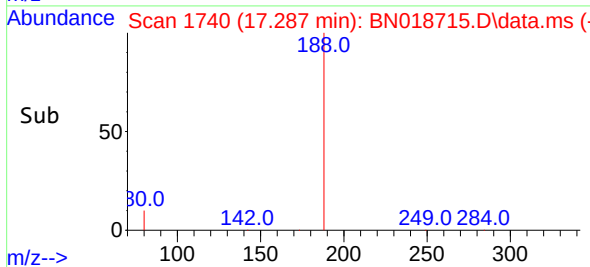
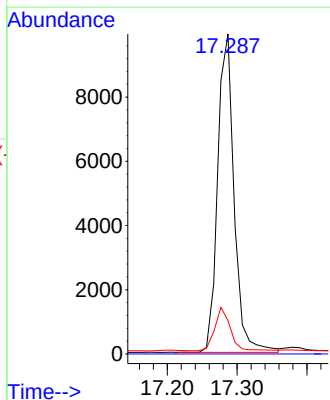
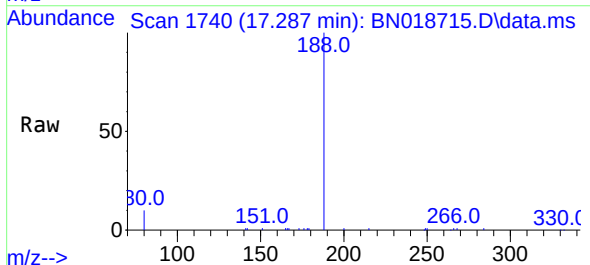
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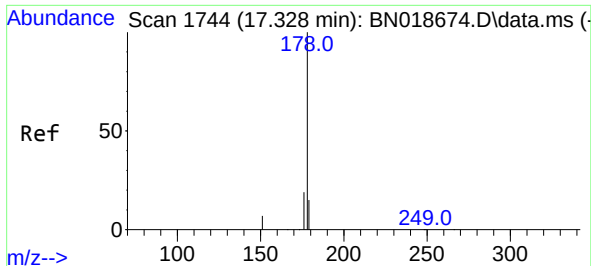
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

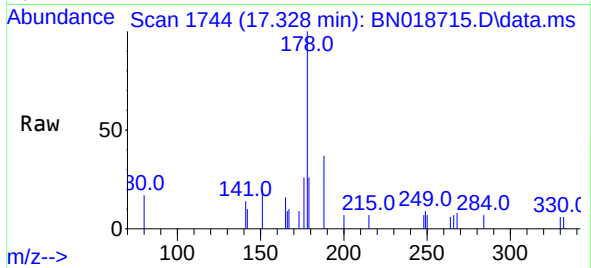
Tgt Ion:	188	Resp:	16253
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	7.0	10.4





#25
Phenanthrene
Concen: 0.021 ng
RT: 17.328 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

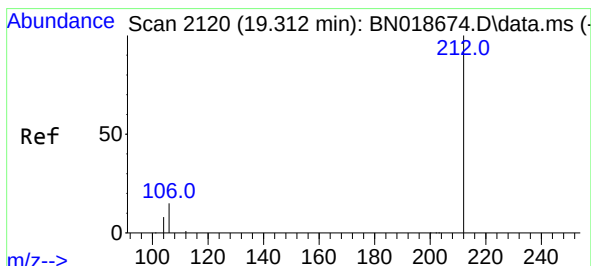
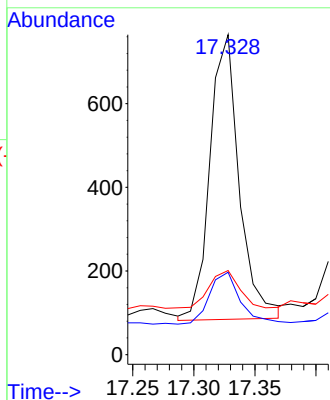
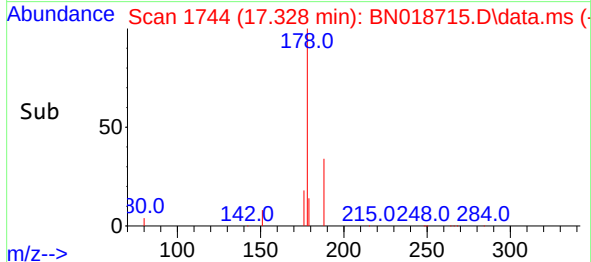
Instrument :
BNA_N
ClientSampleId :
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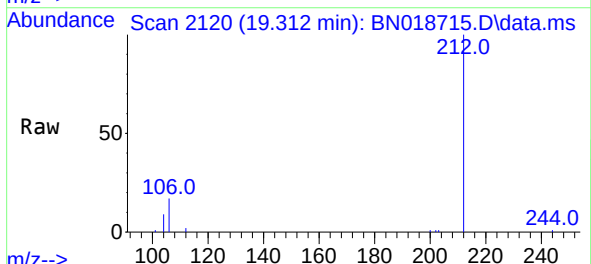
Tgt Ion:178 Resp: 1135
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 13.5 12.3 18.5

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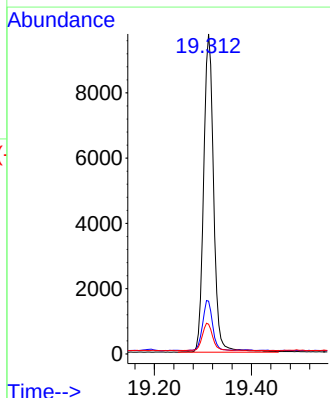
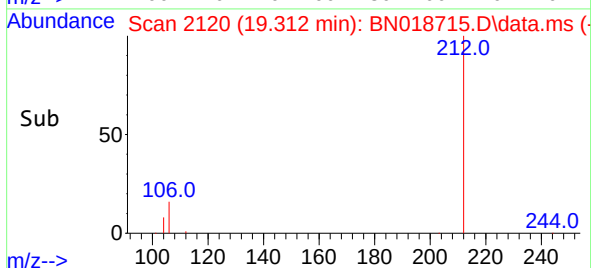
Reviewed By :Christian Giraldo 02/25/2022
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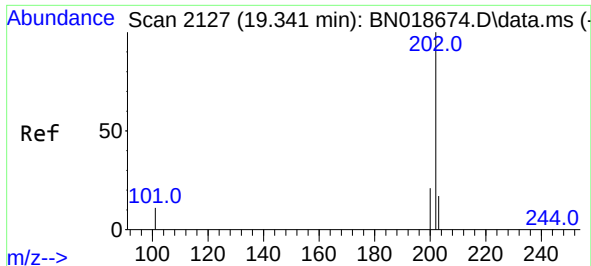


#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.312 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33



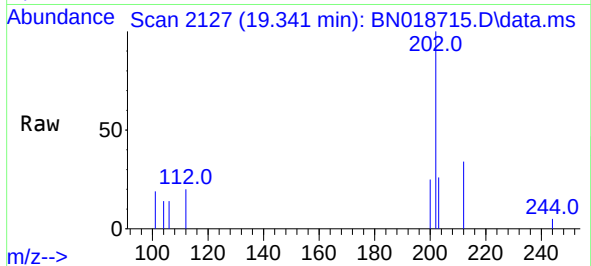
Tgt Ion:212 Resp: 13878
Ion Ratio Lower Upper
212 100
106 15.6 8.4 12.6#
104 9.1 4.5 6.7#





#28
Fluoranthene
Concen: 0.022 ng
RT: 19.341 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

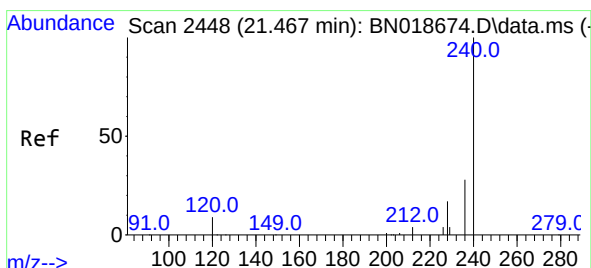
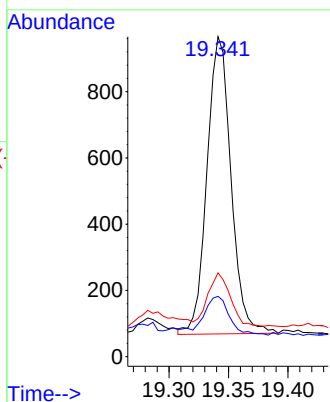
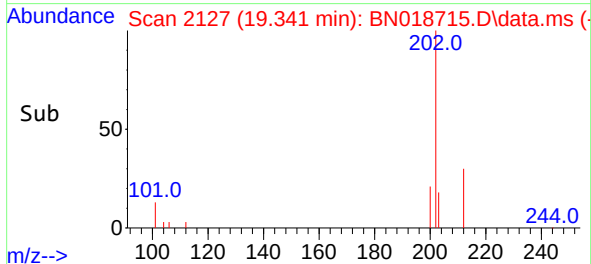
Instrument :
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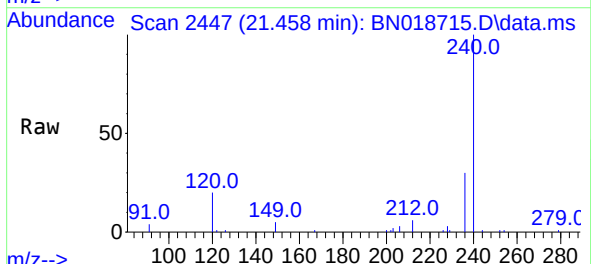
Tgt Ion:202 Resp: 126
Ion Ratio Lower Upper
202 100
101 13.3 7.2 10.8
203 18.2 13.7 20.5

Manual Integrations
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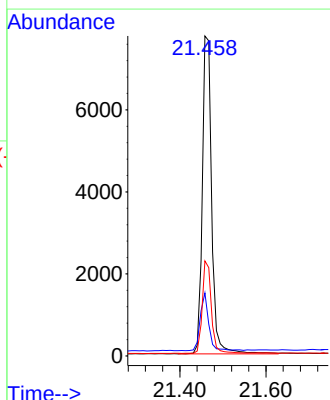
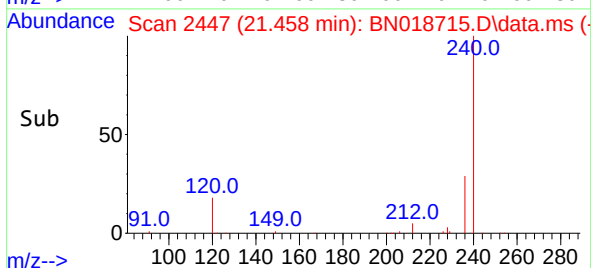
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

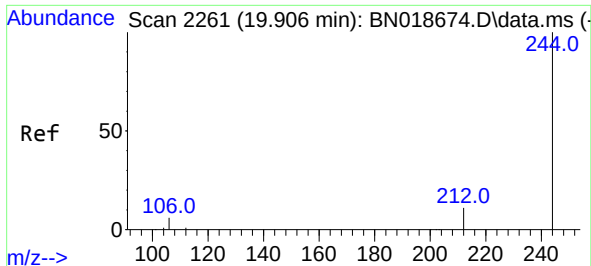


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33



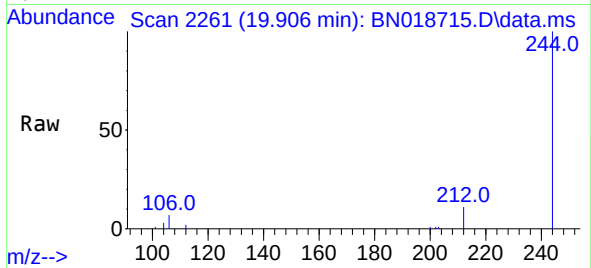
Tgt Ion:240 Resp: 11788
Ion Ratio Lower Upper
240 100
120 19.7 6.0 9.0
236 29.7 21.4 32.2





#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.906 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

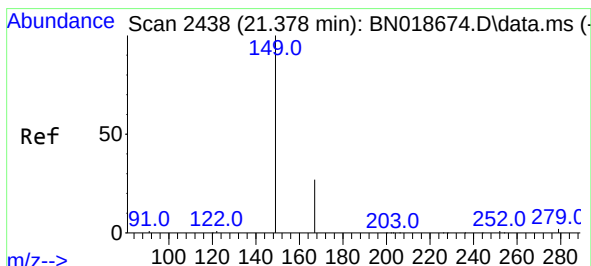
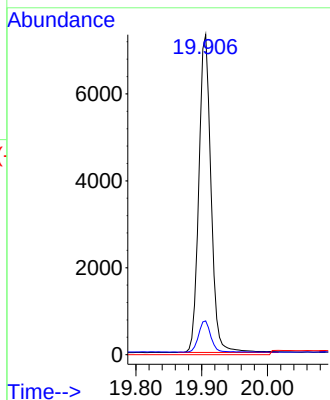
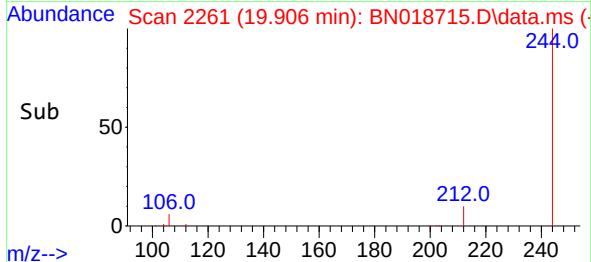
Instrument :
BNA_N
ClientSampleId :
SP-303-20220223E



Tgt Ion:244 Resp: 967
Ion Ratio Lower Upper
244 100
212 10.5 6.2 9.2
122 0.0 7.9 11.9

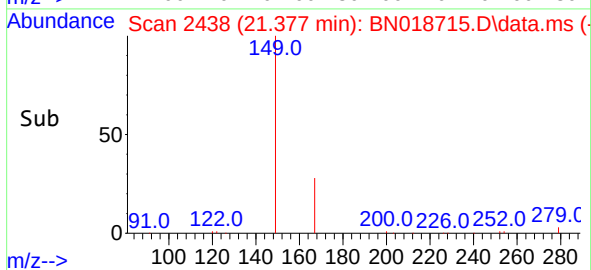
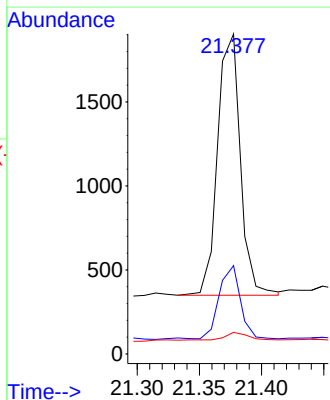
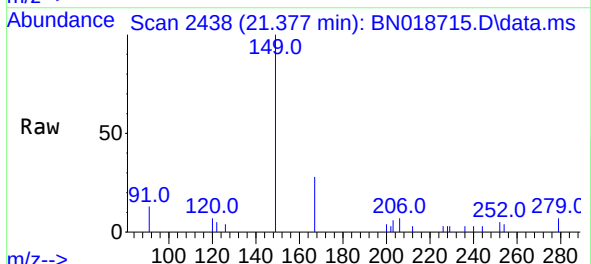
Manual Integrations
APPROVED

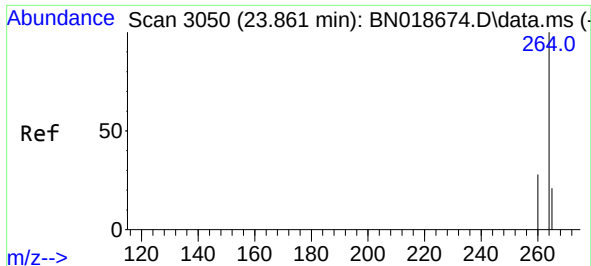
Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

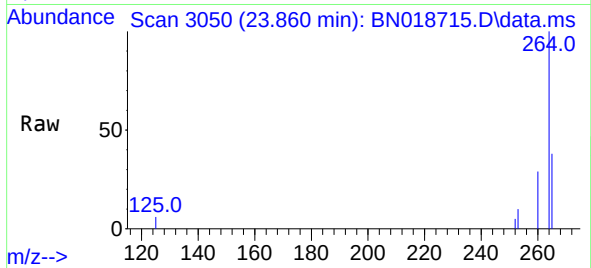
Tgt Ion:149 Resp: 1980
Ion Ratio Lower Upper
149 100
167 27.3 23.7 35.5
279 3.1 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.860 min Scan# 3050
Delta R.T. -0.000 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

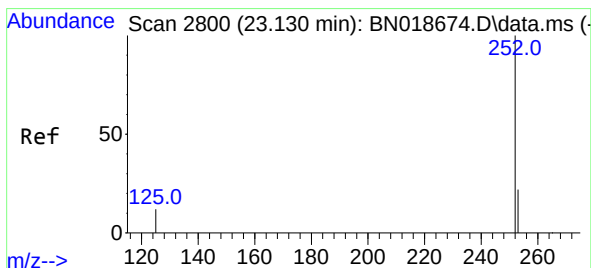
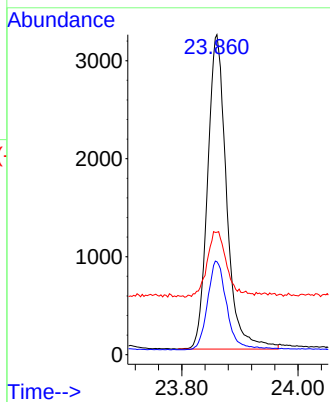
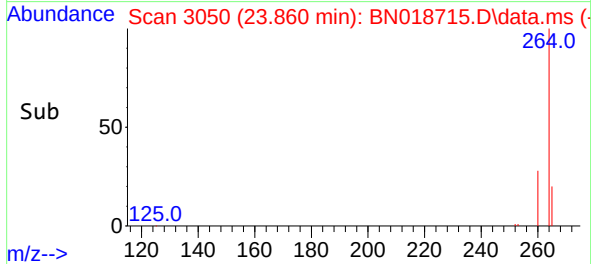
Instrument :
BNA_N
ClientSampleId :
SP-303-20220223E



Tgt Ion:264 Resp: 7270
Ion Ratio Lower Upper
264 100
260 29.0 20.2 30.4
265 38.2 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.133 min Scan# 2801
Delta R.T. 0.003 min
Lab File: BN018715.D
Acq: 24 Feb 2022 19:33

Tgt Ion:252 Resp: 824
Ion Ratio Lower Upper
252 100
253 71.3 17.8 26.6#
125 46.5 6.0 9.0#

