

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019687.D
 Acq On : 05 May 2022 06:05
 Operator : CG/JU
 Sample : N2680-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B2-0-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 07:02:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5242	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15275	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	8065	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15578	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12585	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	10647	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2969	0.243	ng	0.00
5) Phenol-d6	7.024	99	3556	0.237	ng	0.00
8) Nitrobenzene-d5	9.003	82	2727m	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	6110	0.245	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	559	0.187	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	8141	0.234	ng	0.00
27) Fluoranthene-d10	19.248	212	11861	0.275	ng	0.00
31) Terphenyl-d14	19.847	244	7295	0.247	ng	0.00
Target Compounds						
25) Phenanthrene	17.256	178	5001m	0.097	ng	
28) Fluoranthene	19.278	202	10666	0.198	ng	99
30) Pyrene	19.636	202	9707	0.187	ng	# 96
32) Benzo(a)anthracene	21.386	228	4473	0.100	ng	96
33) Chrysene	21.440	228	4936	0.101	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.324	149	3750	0.159	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.147	276	2483	0.051	ng	93
37) Benzo(b)fluoranthene	23.036	252	5543	0.126	ng	# 85
38) Benzo(k)fluoranthene	23.077	252	2093m	0.045	ng	
39) Benzo(a)pyrene	23.638	252	3723	0.112	ng	# 88
41) Benzo(g,h,i)perylene	26.892	276	2569	0.066	ng	# 87

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

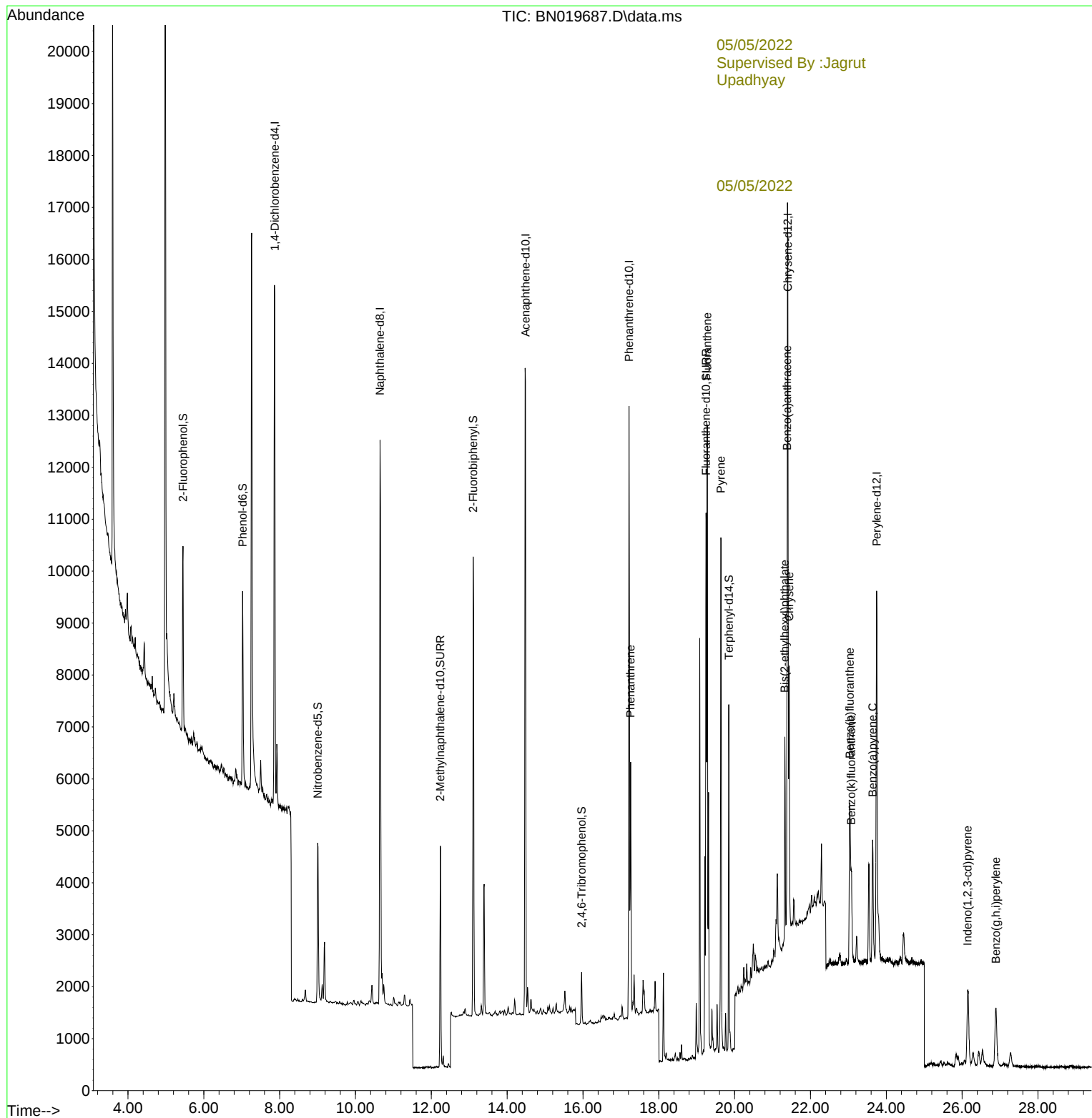
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
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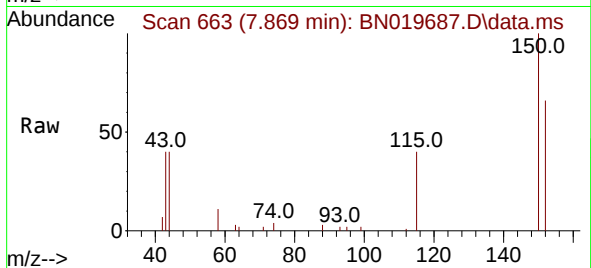
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

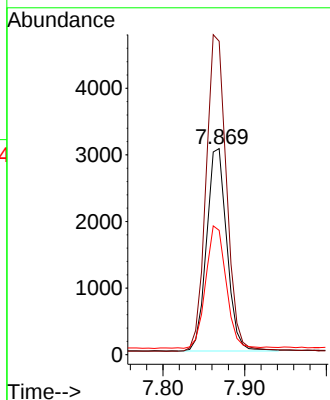
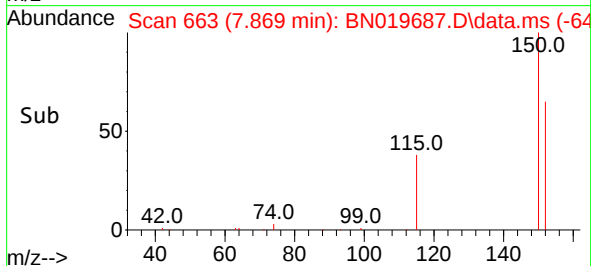
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion:152 Resp: 524
Ion Ratio Lower Upper
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150 152.1 122.6 183.8
115 60.4 49.0 73.6

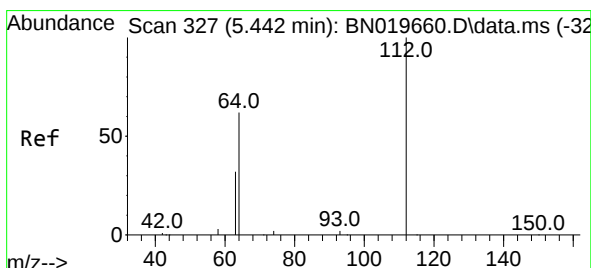
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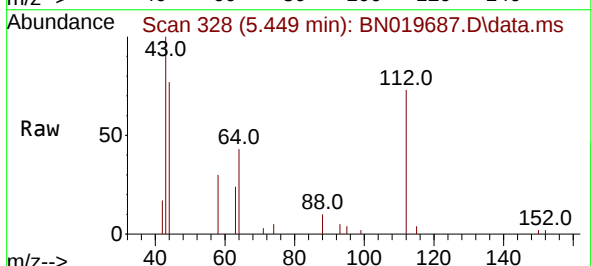


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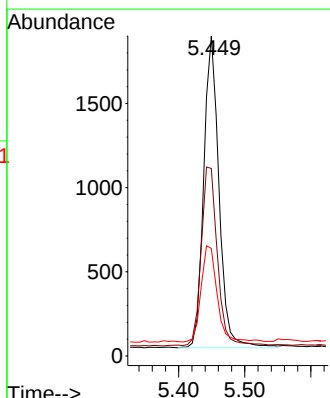
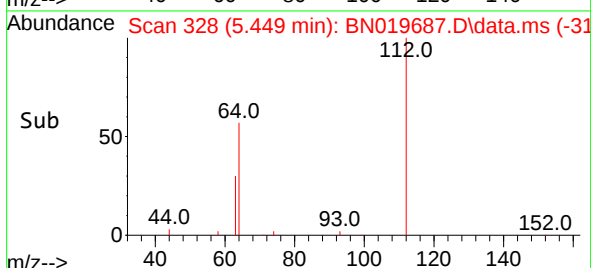
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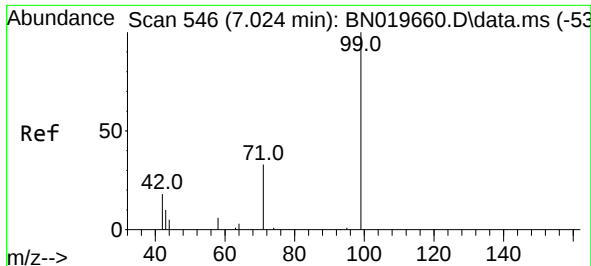


#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05



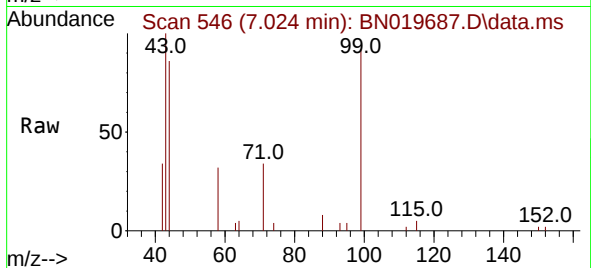
Tgt Ion:112 Resp: 2969
Ion Ratio Lower Upper
112 100
64 61.0 47.3 70.9
63 32.5 24.6 36.8





#5
Phenol-d6
Concen: 0.237 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

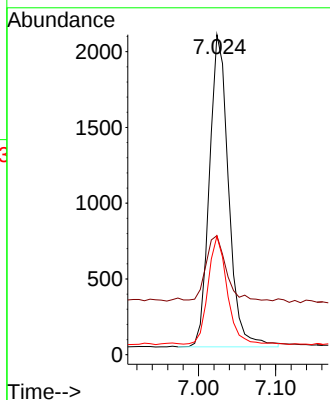
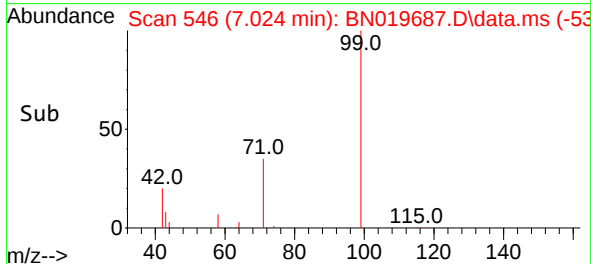
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion: 99 Resp: 3550
Ion Ratio Lower Upper
99 100
42 21.8 15.8 23.8
71 34.2 26.5 39.7

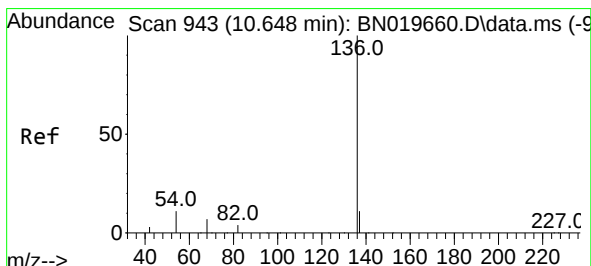
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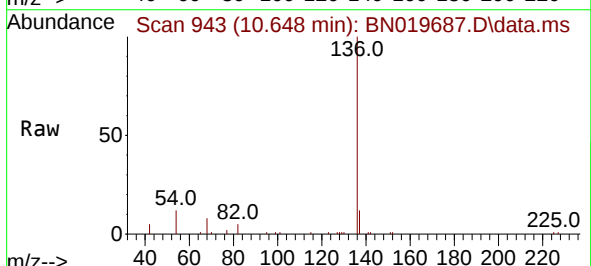


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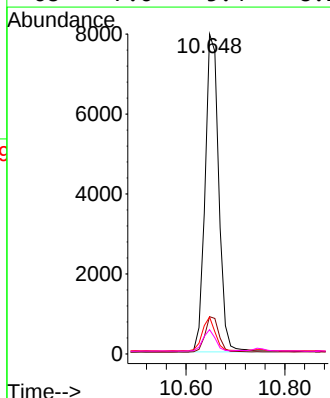
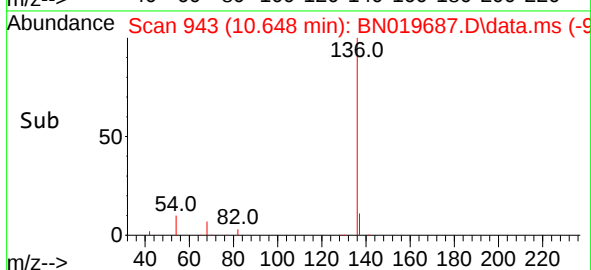
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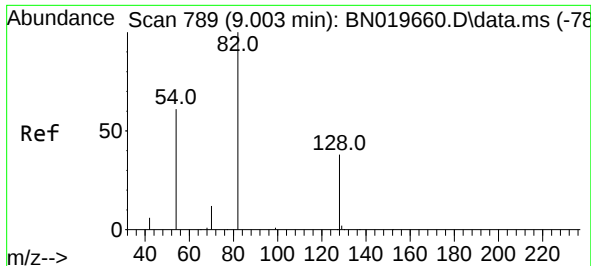


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05



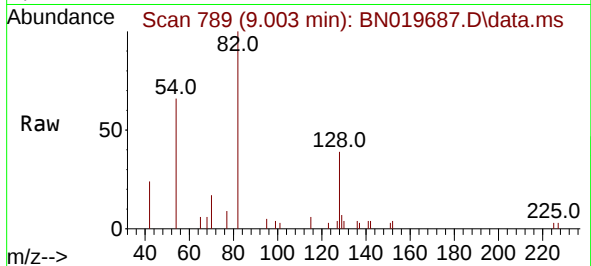
Tgt Ion:136 Resp: 15275
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 11.5 7.8 11.6
68 7.6 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.220 ng m
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

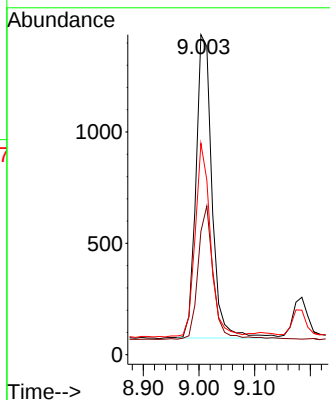
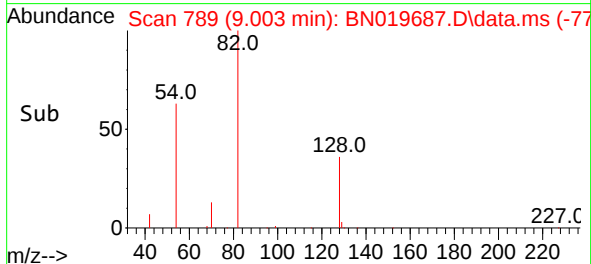
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion: 82 Resp: 272
Ion Ratio Lower Upper
82 100
128 38.6 32.4 48.6
54 66.0 44.4 66.6

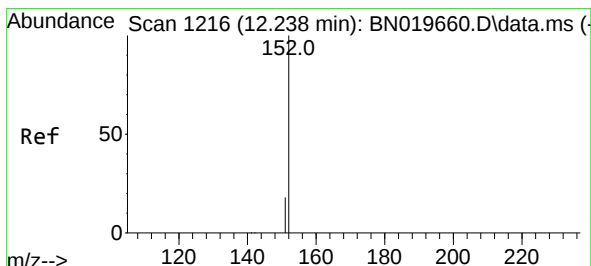
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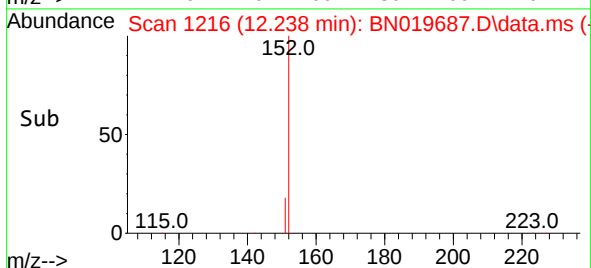
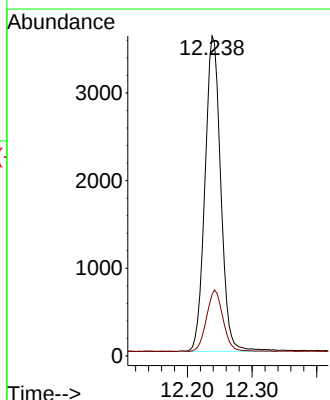
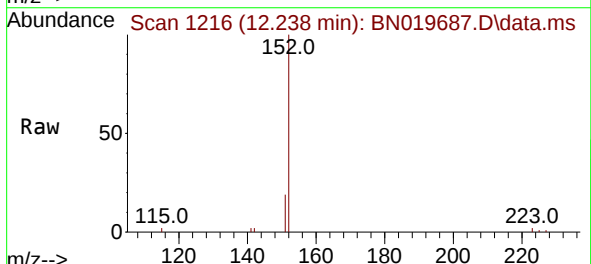
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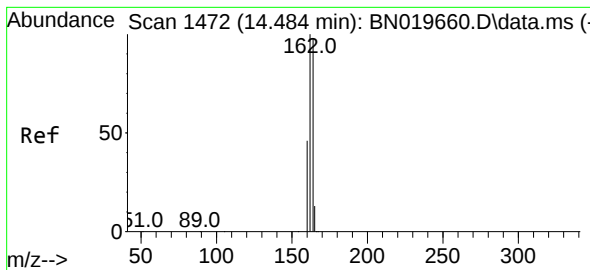
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#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.238 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

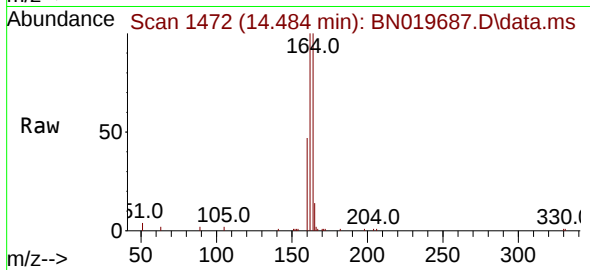
Tgt Ion:152 Resp: 6110
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

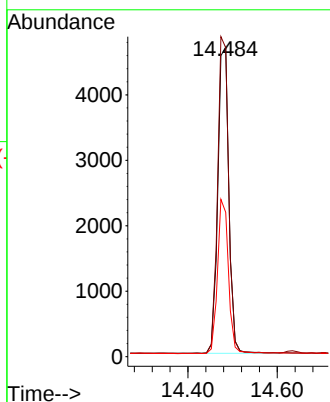
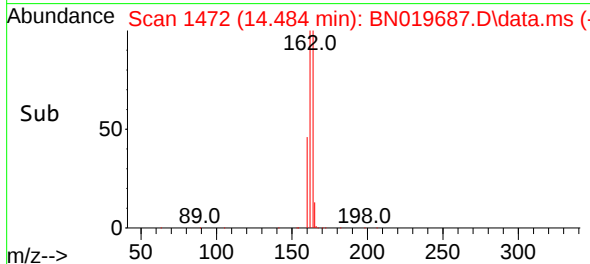
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion:164 Resp: 806
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 46.6 38.3 57.5

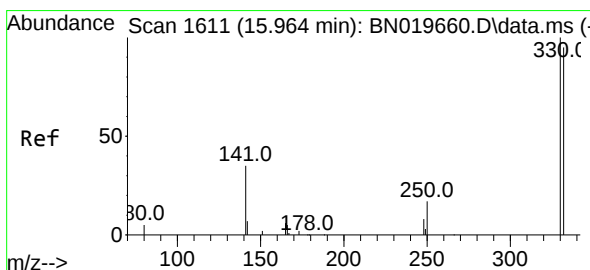
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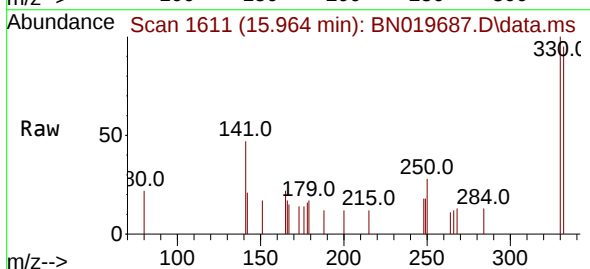


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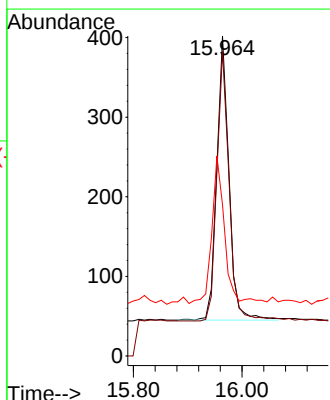
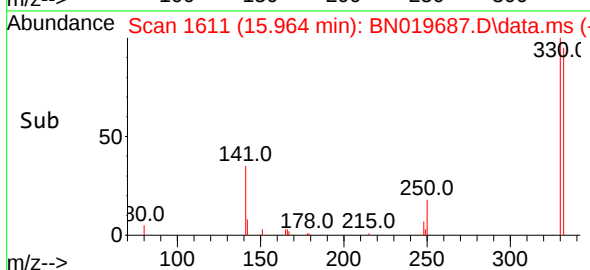
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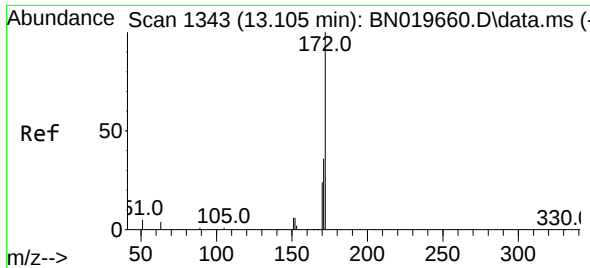


#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05



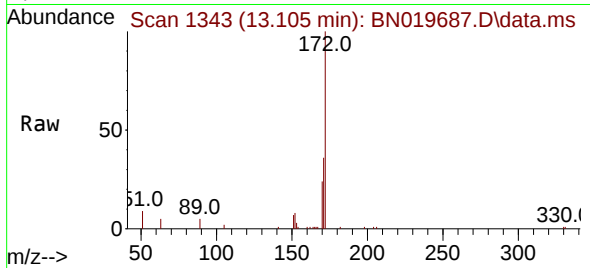
Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 51.9 39.7 59.5





#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

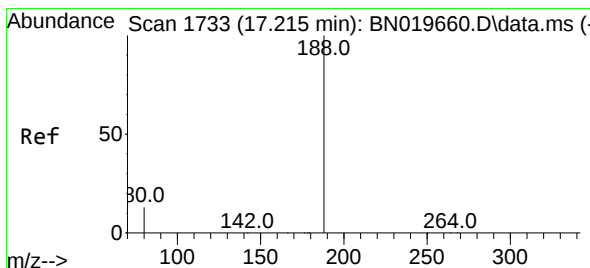
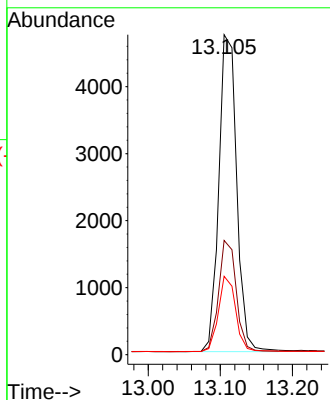
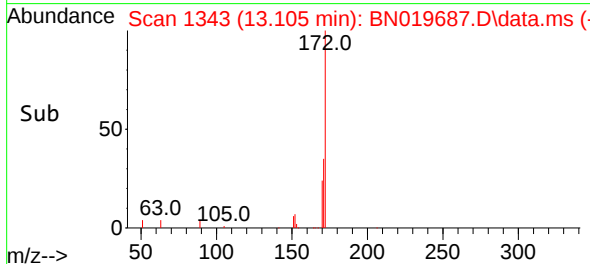
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion:172 Resp: 814
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.5 19.0 28.4

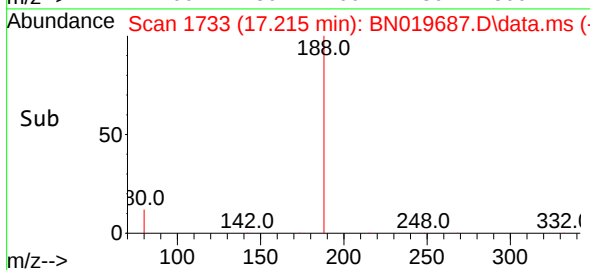
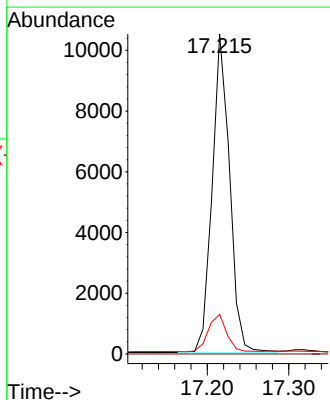
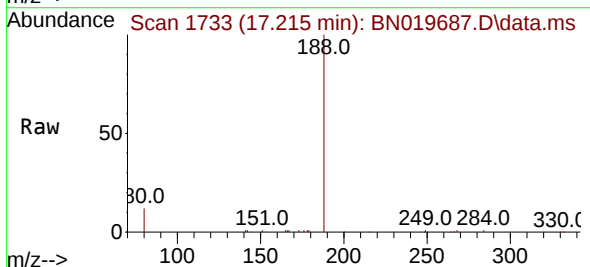
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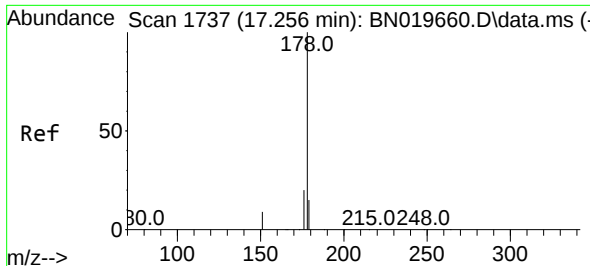
Reviewed By :Christian Giraldo 05/05/2022
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

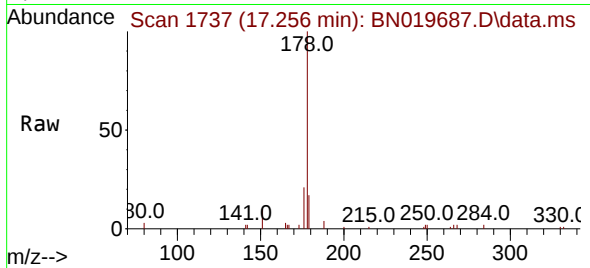
Tgt Ion:188 Resp: 15578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.6 12.8





#25
Phenanthrene
Concen: 0.097 ng m
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

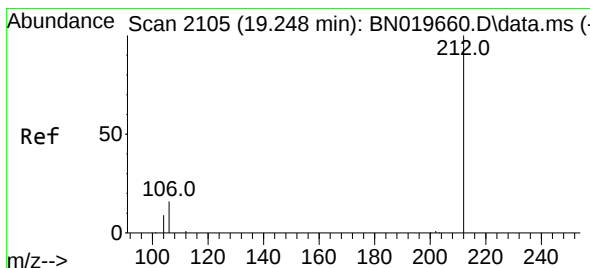
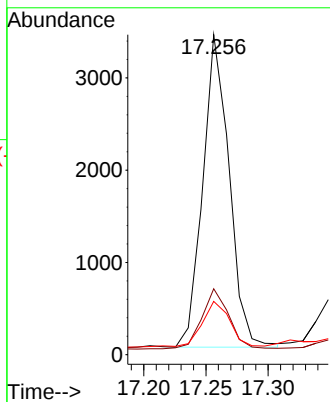
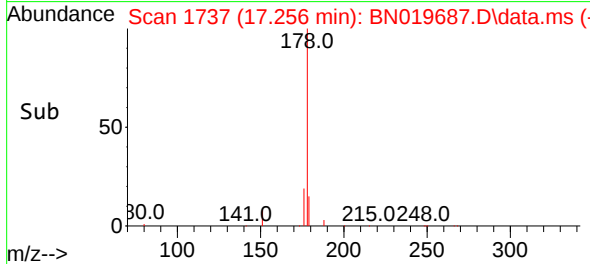
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion:178 Resp: 500
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.8 12.1 18.1

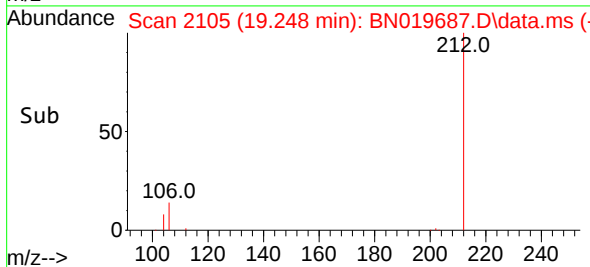
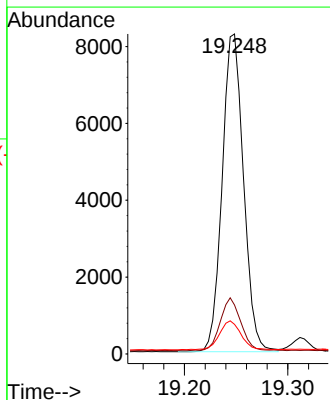
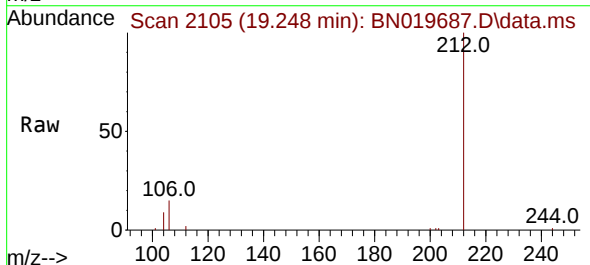
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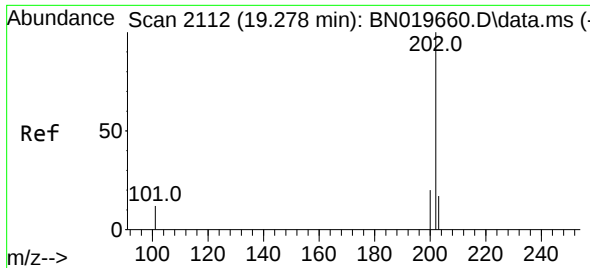
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

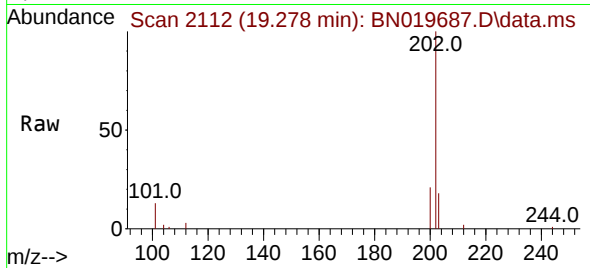
Tgt Ion:212 Resp: 11861
Ion Ratio Lower Upper
212 100
106 16.0 13.5 20.3
104 9.3 7.6 11.4





#28
Fluoranthene
Concen: 0.198 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2



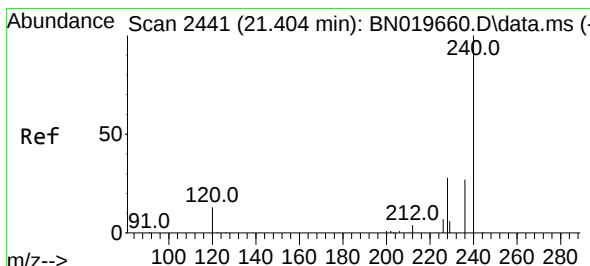
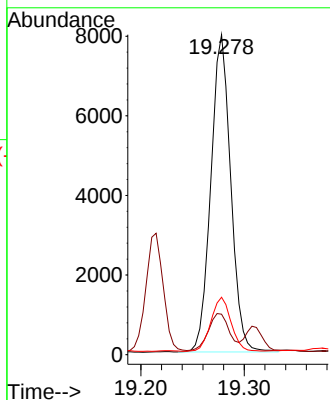
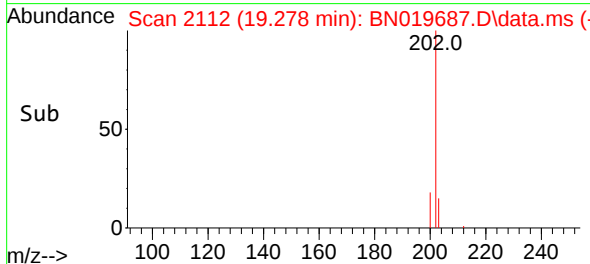
Tgt Ion:202 Resp: 10660
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
203 17.2 13.6 20.4

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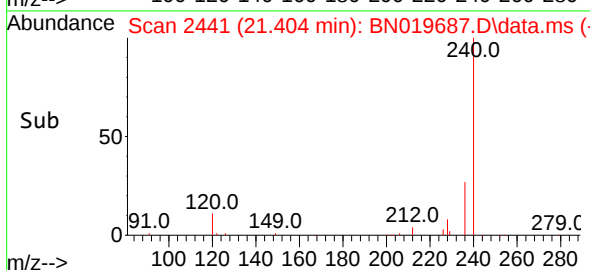
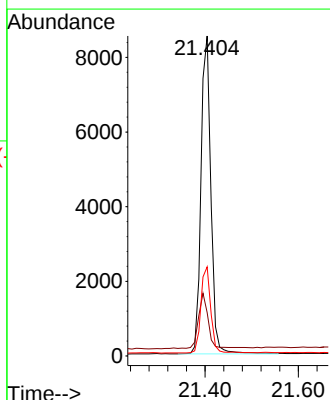
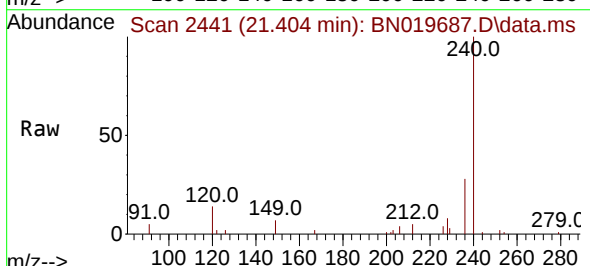
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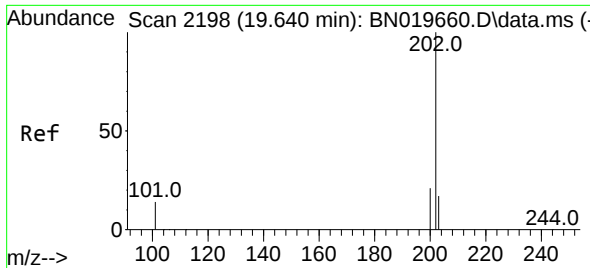
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

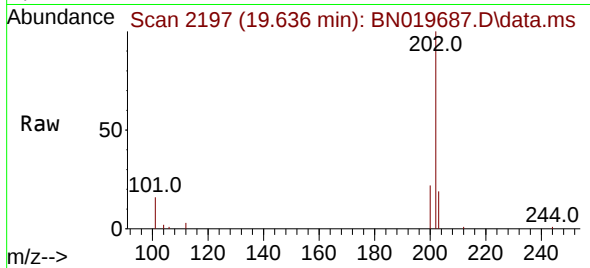
Tgt Ion:240 Resp: 12585
Ion Ratio Lower Upper
240 100
120 13.6 17.4 26.2#
236 27.8 23.0 34.4





#30
Pyrene
Concen: 0.187 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2



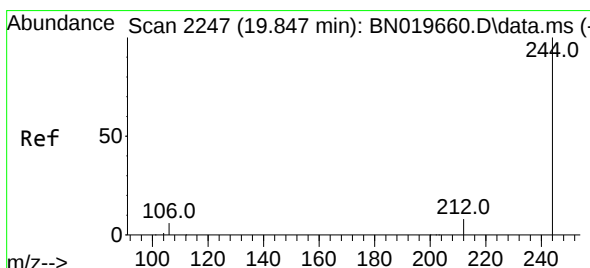
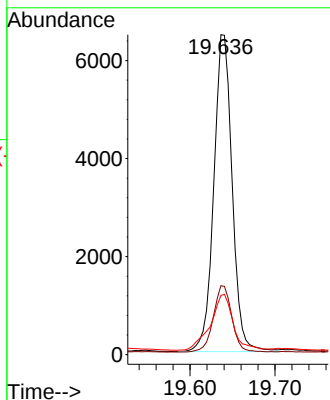
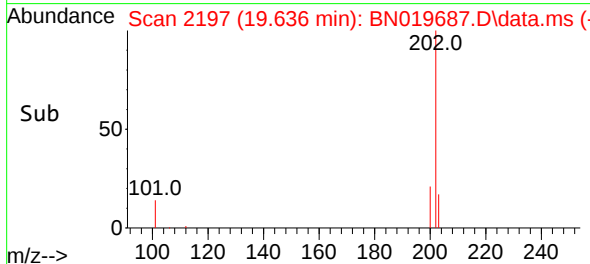
Tgt Ion:202 Resp: 970
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 21.8 14.2 21.4

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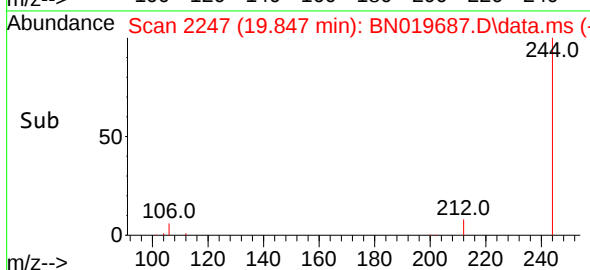
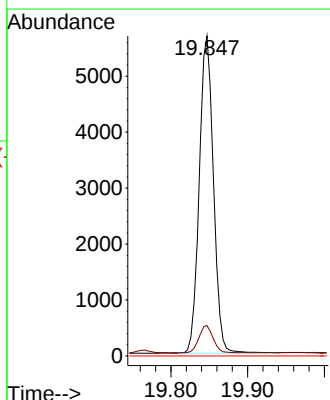
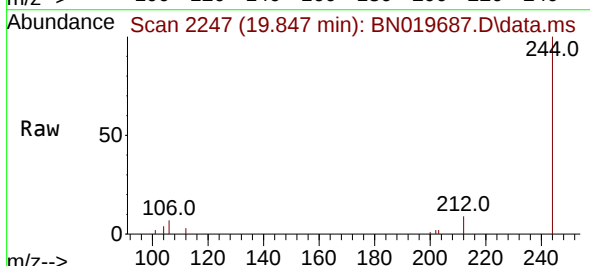
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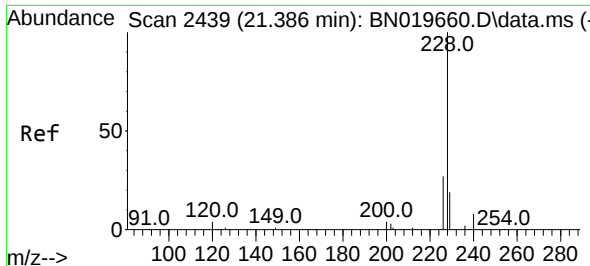
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#31
Terphenyl-d14
Concen: 0.247 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

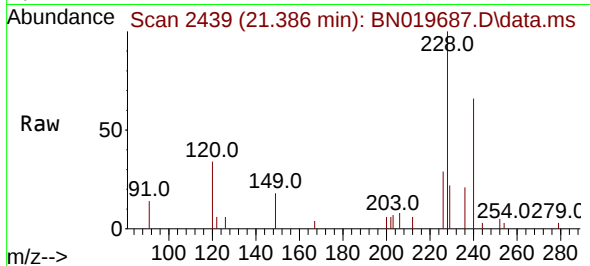
Tgt Ion:244 Resp: 7295
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2



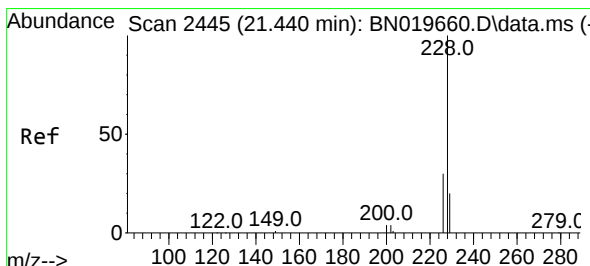
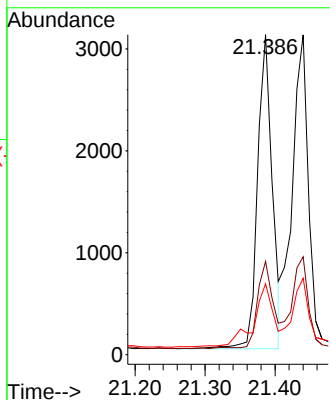
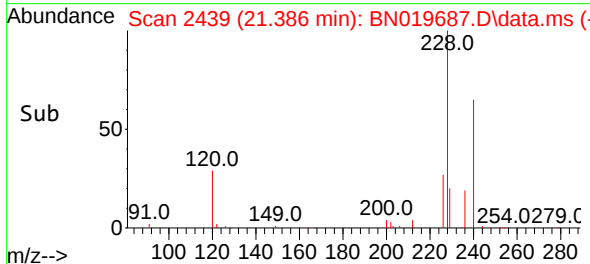
Tgt Ion:228 Resp: 447
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 22.2 16.5 24.7

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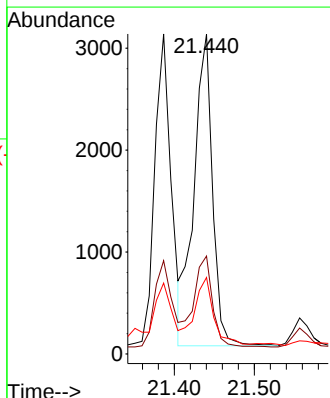
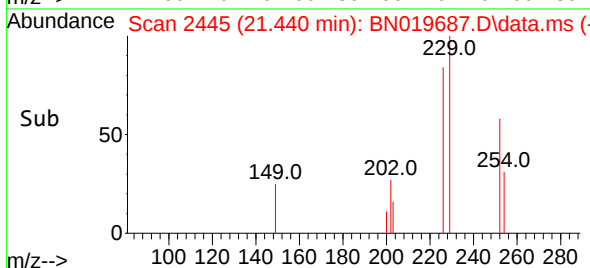
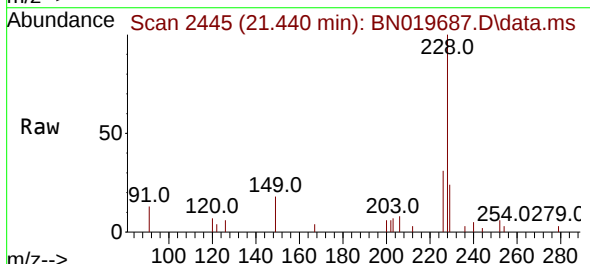
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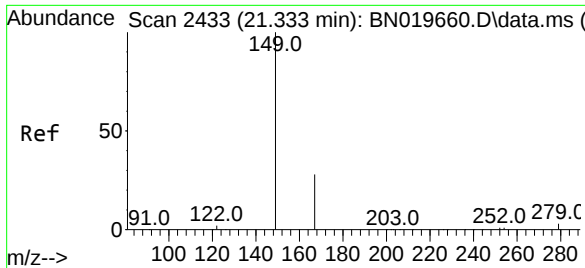
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#33
Chrysene
Concen: 0.101 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

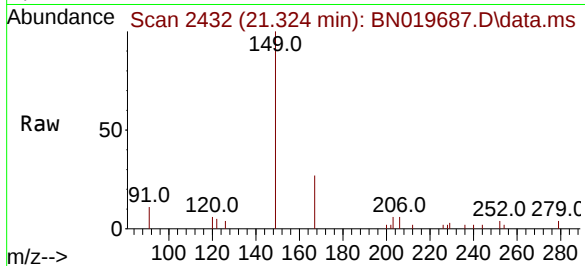
Tgt Ion:228 Resp: 4936
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 23.9 15.9 23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.159 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2



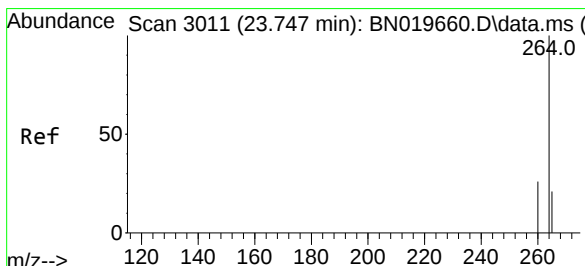
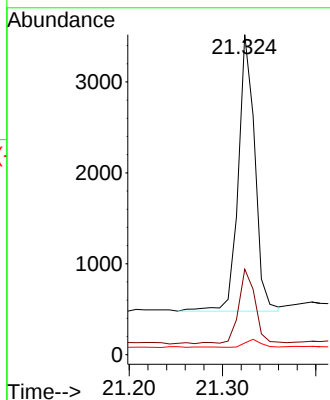
Tgt Ion:149 Resp: 3750
Ion Ratio Lower Upper
149 100
167 26.8 21.7 32.5
279 2.8 2.8 4.2

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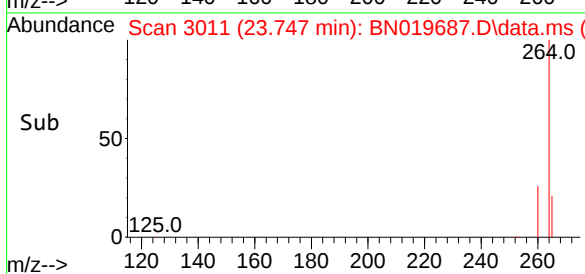
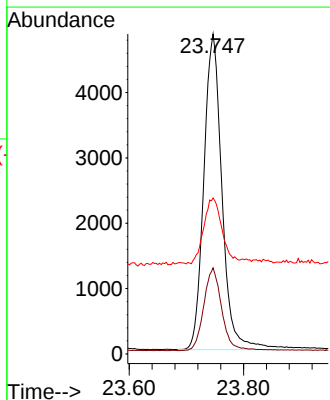
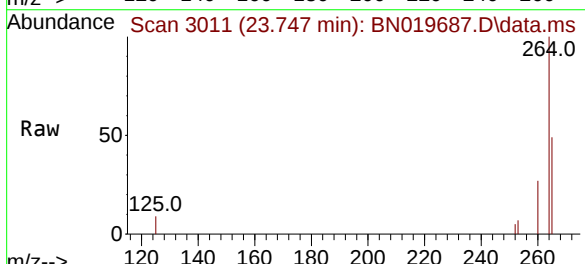
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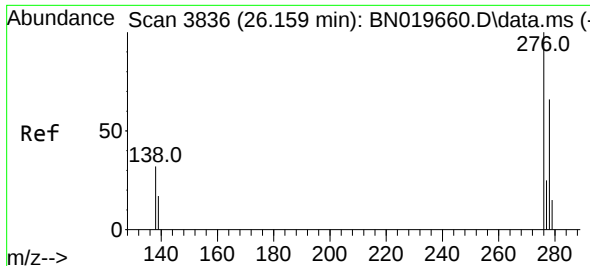
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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

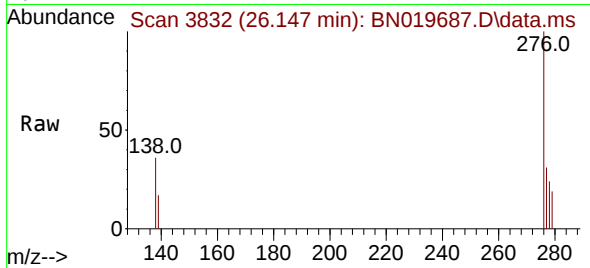
Tgt Ion:264 Resp: 10647
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 48.8 67.9 101.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 26.147 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Instrument :
BNA_N
ClientSampleId :
B2-0-2



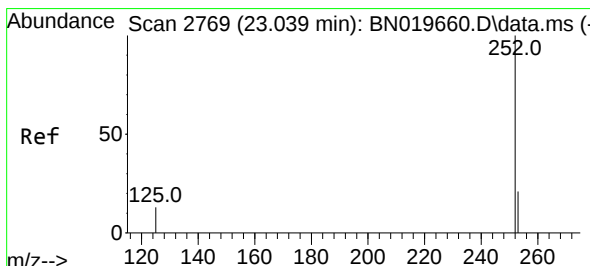
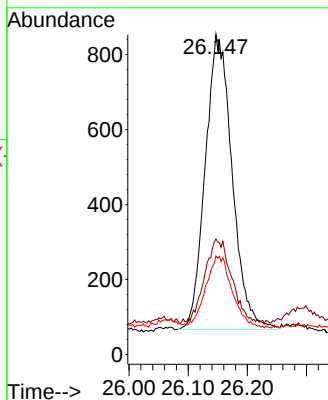
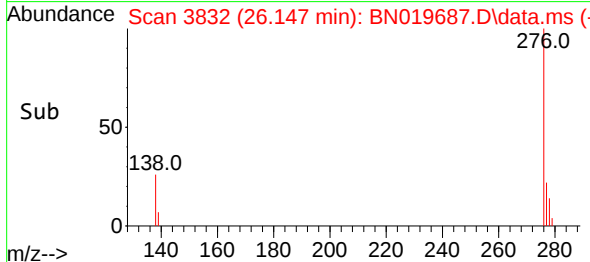
Tgt Ion: 276 Resp: 248
Ion Ratio Lower Upper
276 100
138 27.3 26.6 40.0
277 24.0 20.0 30.0

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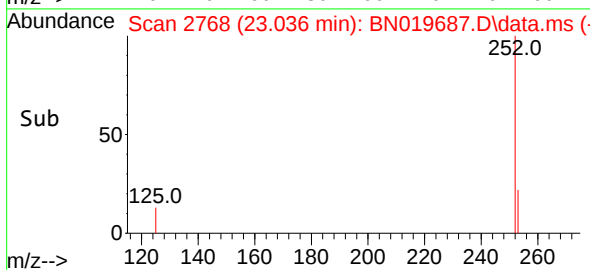
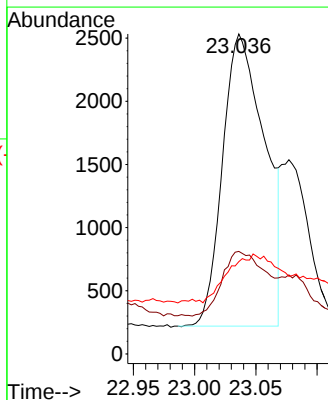
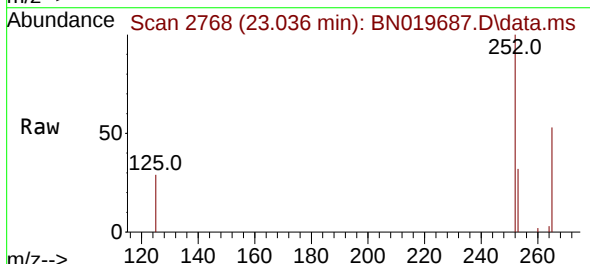
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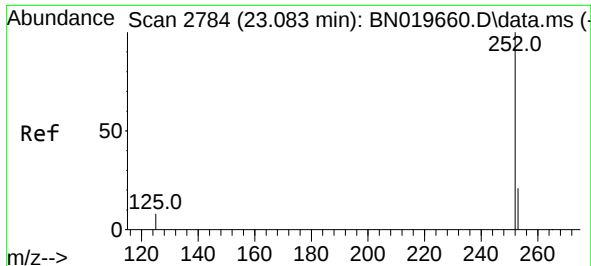
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#37
Benzo(b)fluoranthene
Concen: 0.126 ng
RT: 23.036 min Scan# 2768
Delta R.T. -0.003 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

Tgt Ion: 252 Resp: 5543
Ion Ratio Lower Upper
252 100
253 32.1 21.2 31.8#
125 28.9 15.9 23.9#





#38

Benzo(k)fluoranthene

Concen: 0.045 ng m

RT: 23.077 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN019687.D

Acq: 05 May 2022 06:05

Instrument :

BNA_N

ClientSampleId :

B2-0-2

Tgt Ion:	252	Resp:	209
Ion Ratio	Lower	Upper	
252	100		
253	40.7	21.7	32.5
125	39.9	17.0	25.4

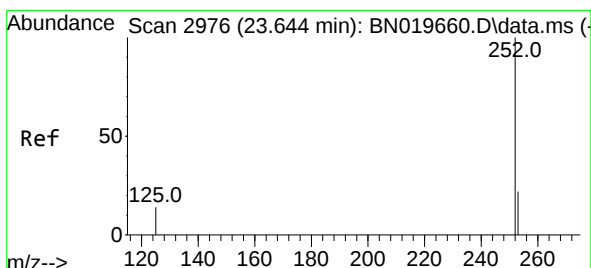
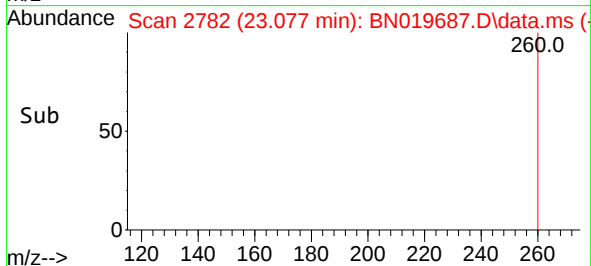
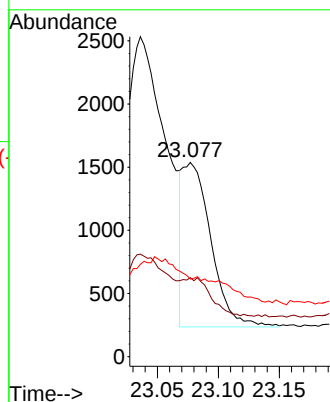
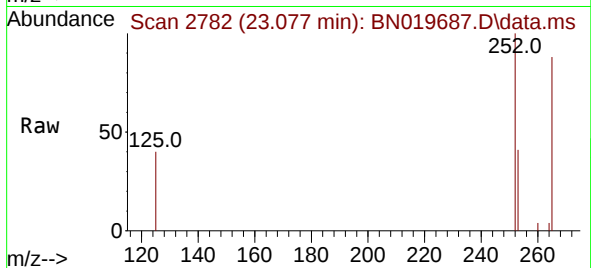
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#39

Benzo(a)pyrene

Concen: 0.112 ng

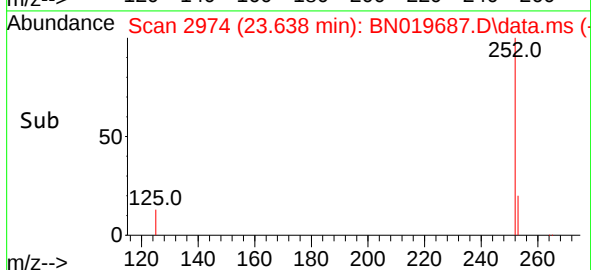
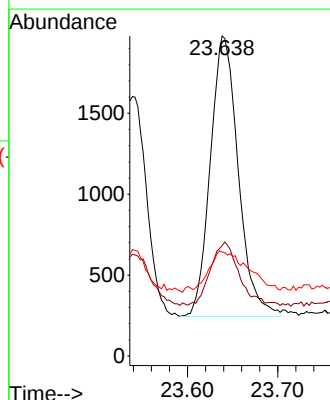
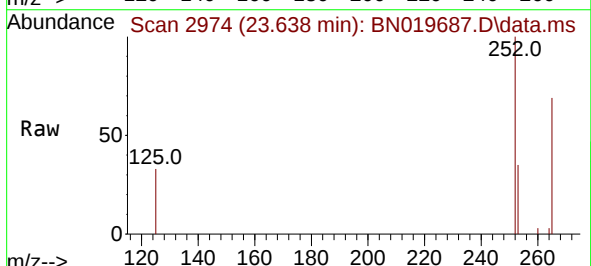
RT: 23.638 min Scan# 2974

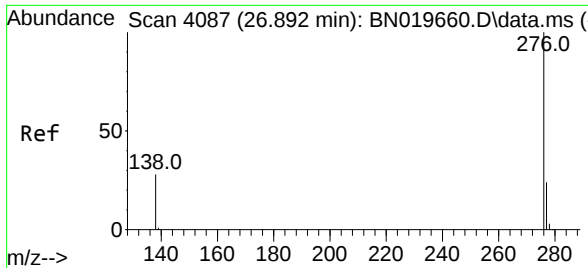
Delta R.T. -0.006 min

Lab File: BN019687.D

Acq: 05 May 2022 06:05

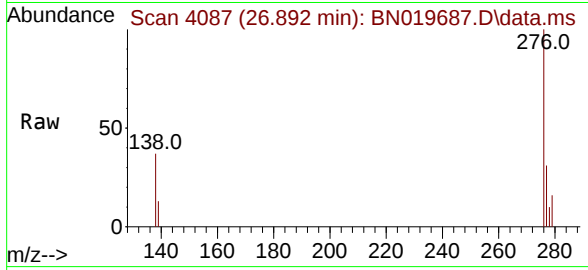
Tgt Ion:	252	Resp:	3723
Ion Ratio	Lower	Upper	
252	100		
253	34.5	23.1	34.7
125	32.5	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.066 ng
RT: 26.892 min Scan# 4087
Delta R.T. -0.000 min
Lab File: BN019687.D
Acq: 05 May 2022 06:05

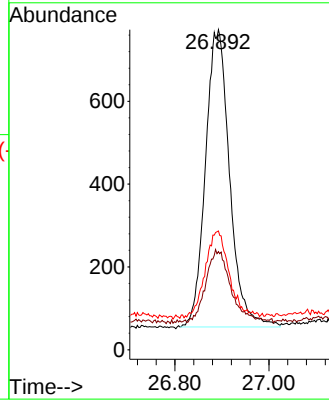
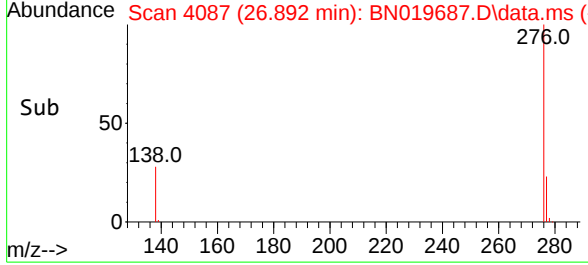
Instrument :
BNA_N
ClientSampleId :
B2-0-2



Tgt Ion:	276	Resp:	2569
Ion Ratio	Lower	Upper	
276	100		
277	30.7	20.2	30.2
138	37.1	23.5	35.3

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