

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016781.D
 Acq On : 06 Oct 2021 16:14
 Operator : CG/JU
 Sample : M3892-01DL 200X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221DL

Manual Integrations
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Quant Time: Oct 06 16:43:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20715	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93463	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	51385	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	104218	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	109535	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	120368	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	81	0.002	ng	0.00
5) Phenol-d6	6.822	99	90	0.002	ng	0.00
8) Nitrobenzene-d5	8.784	82	77	0.001	ng	0.01
11) 2-Methylnaphthalene-d10	12.003	152	208	0.001	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.886	172	257	0.001	ng	0.00
27) Fluoranthene-d10	19.063	212	347	0.001	ng	0.00
31) Terphenyl-d14	19.664	244	1144	0.005	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.332	154	31827	0.212	ng	99
18) Fluorene	15.322	166	33744	0.187	ng	100
25) Phenanthrene	17.054	178	651231	2.126	ng	100
26) Anthracene	17.151	178	185726	0.679	ng	98
28) Fluoranthene	19.093	202	1783325	5.245	ng	99
30) Pyrene	19.455	202	1497803	4.159	ng	# 92
32) Benzo(a)anthracene	21.217	228	1176568	3.463	ng	96
33) Chrysene	21.270	228	937031m	2.719	ng	
36) Indeno(1,2,3-cd)pyrene	25.754	276	467811	1.224	ng	97
37) Benzo(b)fluoranthene	22.807	252	1223906	3.144	ng	99
38) Benzo(k)fluoranthene	22.848	252	465823m	1.245	ng	
39) Benzo(a)pyrene	23.378	252	830592	2.385	ng	99
41) Benzo(g,h,i)perylene	26.452	276	419262	1.236	ng	99

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

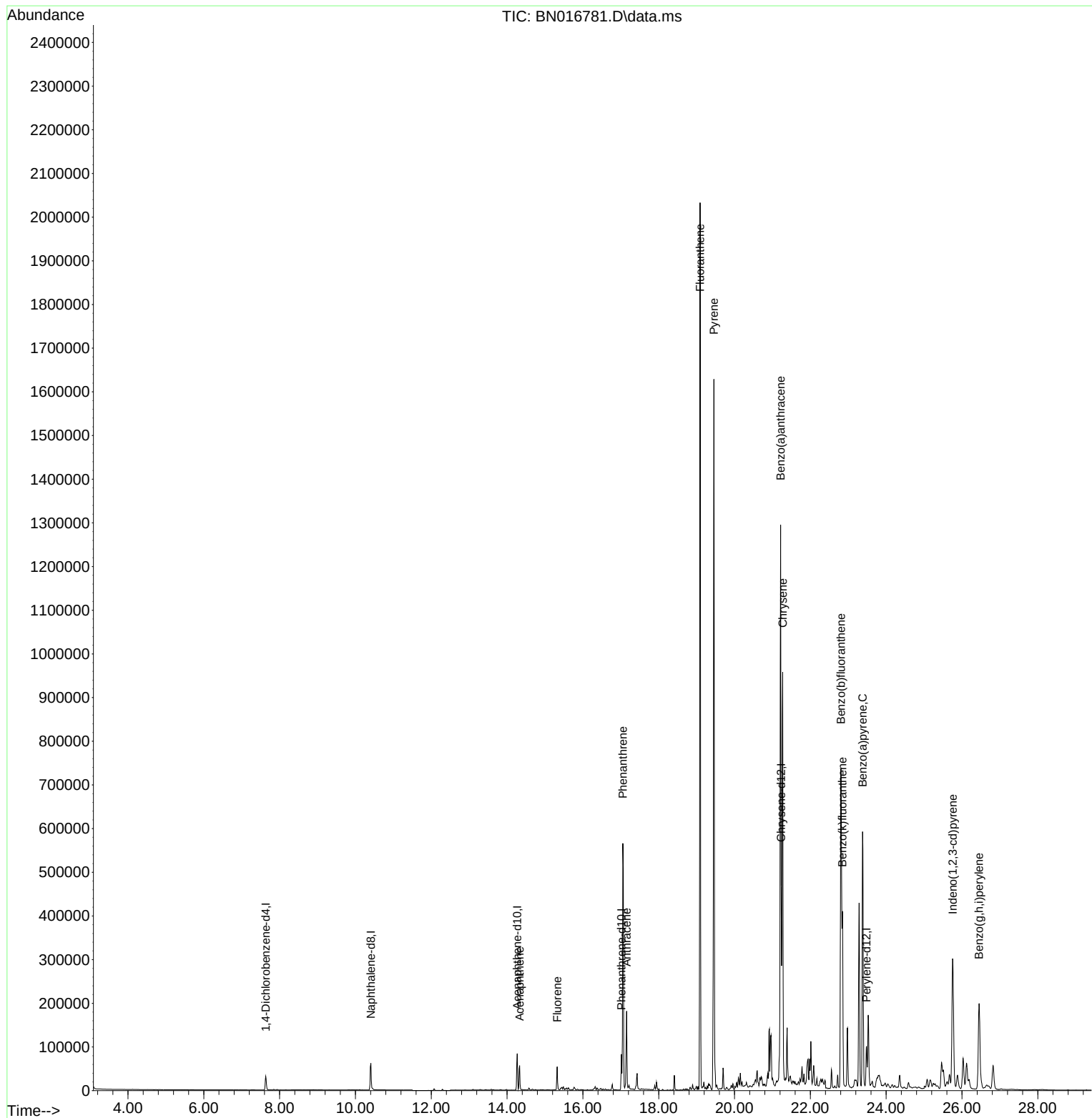
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016781.D
Acq On : 06 Oct 2021 16:14
Operator : CG/JU
Sample : M3892-01DL 200X
Misc :
ALS Vial : 6 Sample Multiplier: 1

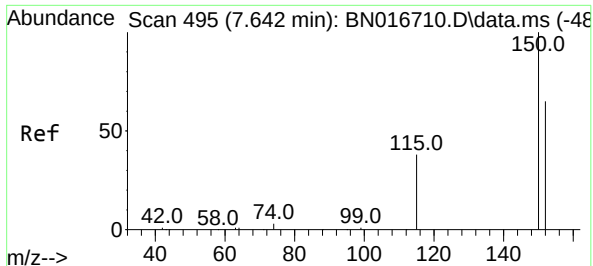
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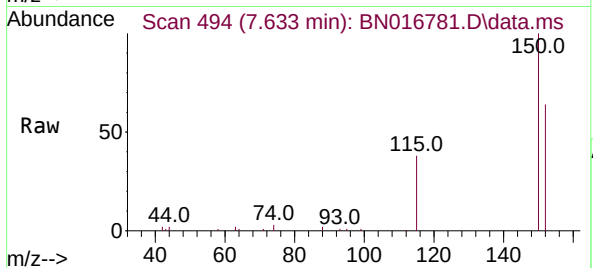
Quant Time: Oct 06 16:43:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: BN016781.D
 Acq: 06 Oct 2021 16:14

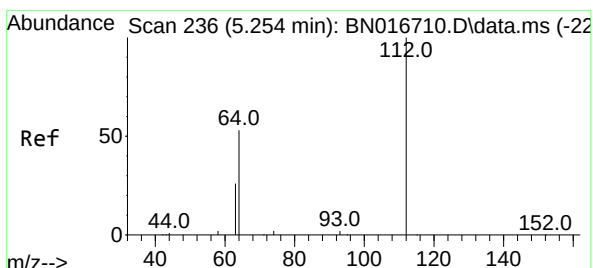
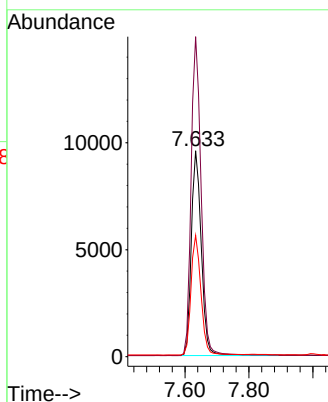
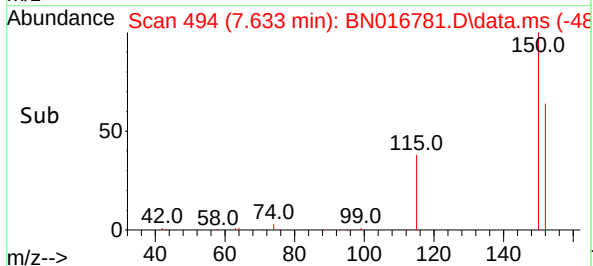
Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221DL



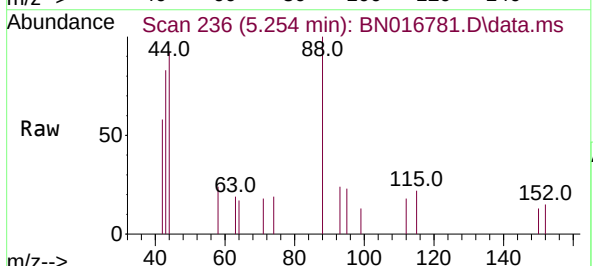
Tgt Ion:152 Resp: 20715
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.3 184.9
 115 58.9 47.0 70.6

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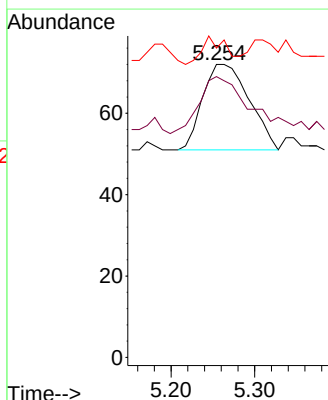
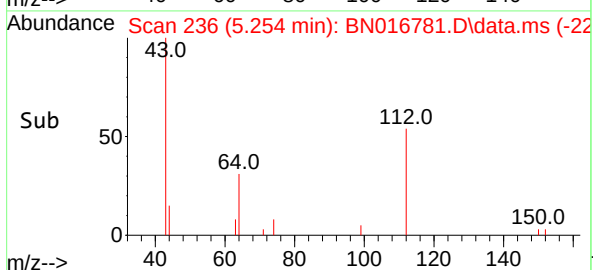
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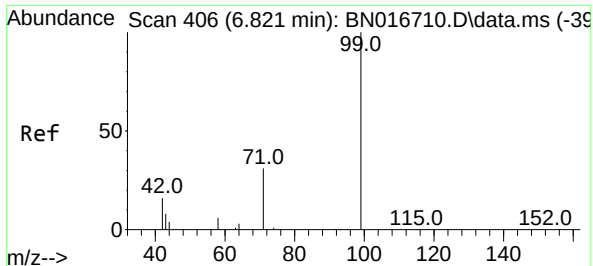


#4
 2-Fluorophenol
 Concen: 0.002 ng
 RT: 5.254 min Scan# 236
 Delta R.T. 0.009 min
 Lab File: BN016781.D
 Acq: 06 Oct 2021 16:14



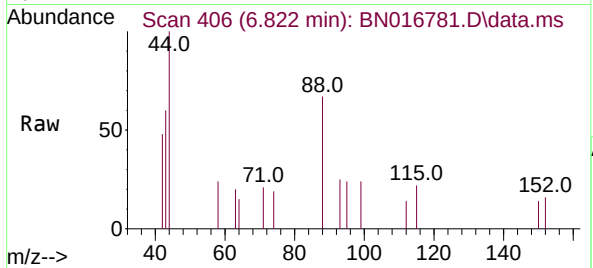
Tgt Ion:112 Resp: 81
 Ion Ratio Lower Upper
 112 100
 64 72.8 42.9 64.3#
 63 17.3 21.5 32.3#





#5
Phenol-d6
Concen: 0.002 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

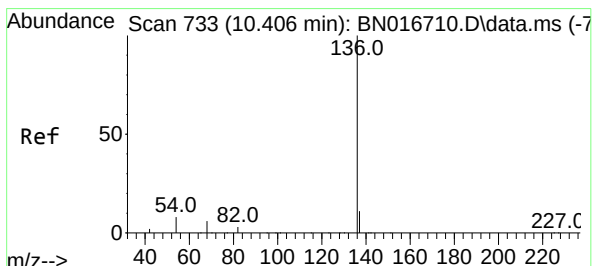
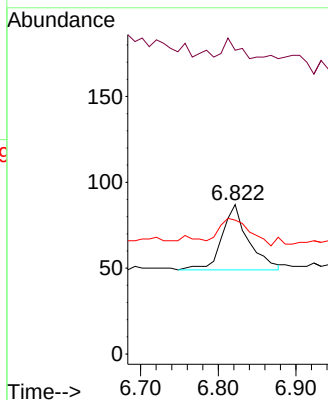
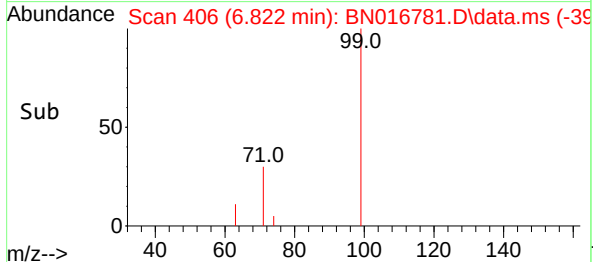
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BNA_N
ClientSampleId :
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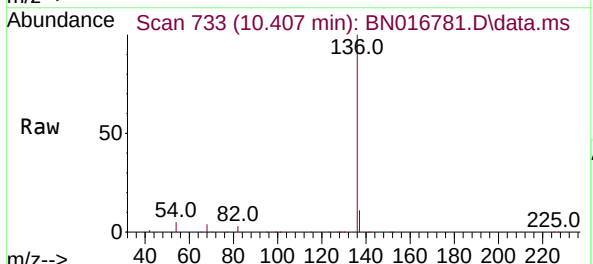
Tgt Ion: 99 Resp: 90
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.2
71 48.9 24.0 36.0#

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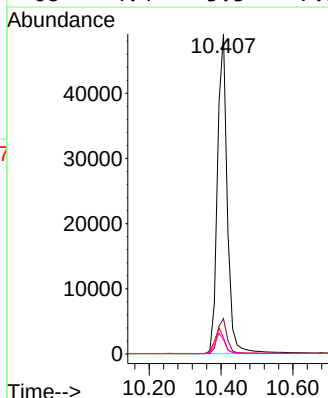
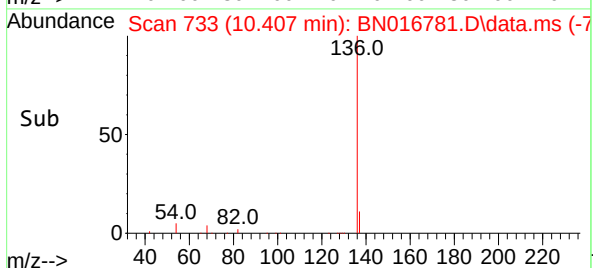
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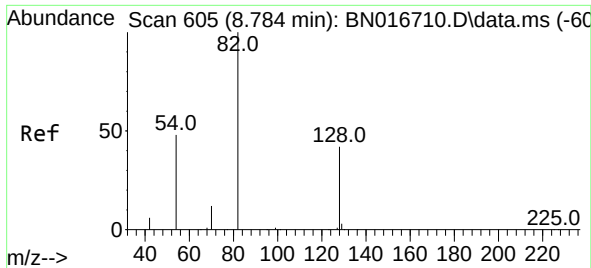


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



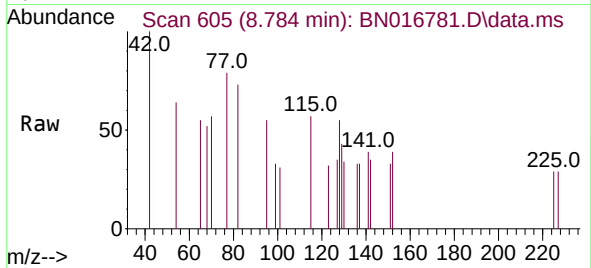
Tgt Ion: 136 Resp: 93463
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.1 6.5 9.7#
68 4.4 5.3 7.9#





#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

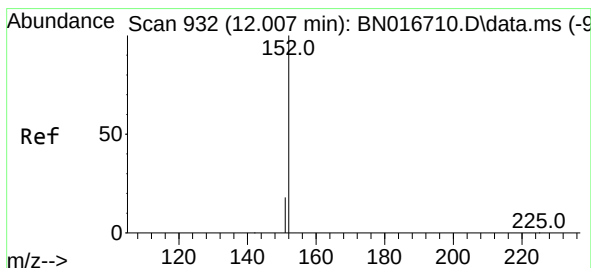
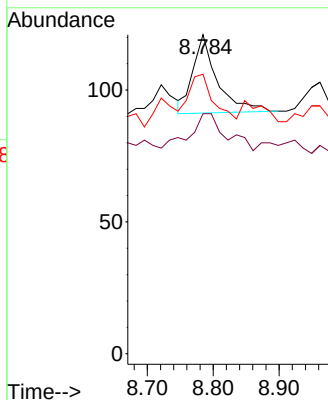
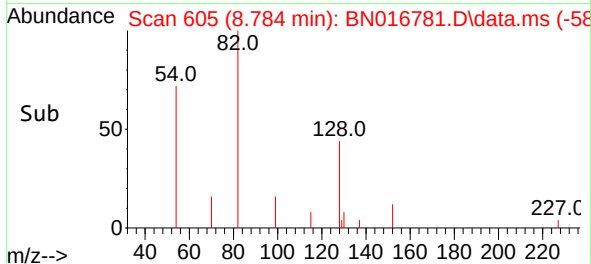
Instrument :
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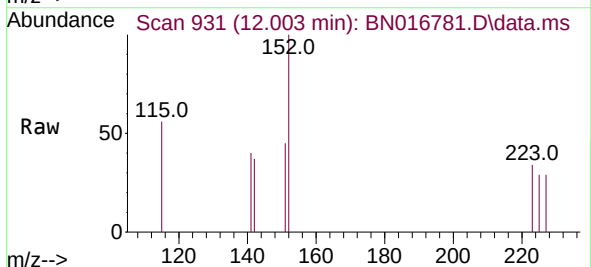
Tgt Ion: 82 Resp: 77
Ion Ratio Lower Upper
82 100
128 75.2 33.8 50.6#
54 87.6 38.5 57.7#

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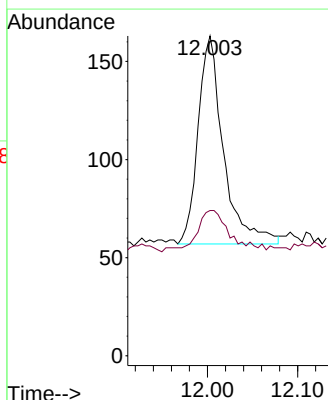
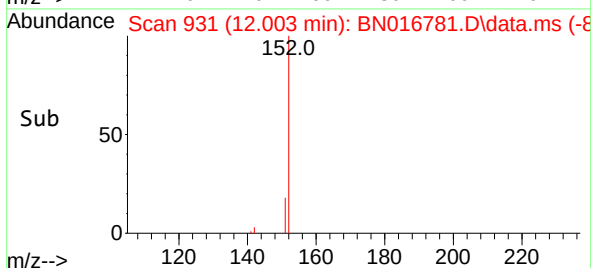
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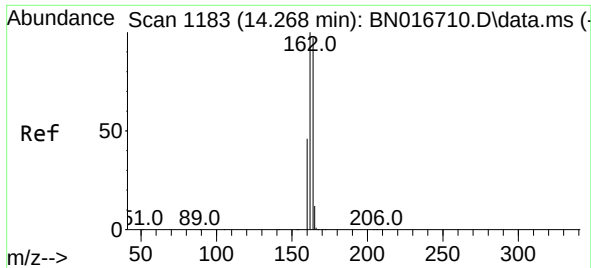


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.003 min Scan# 931
Delta R.T. 0.005 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



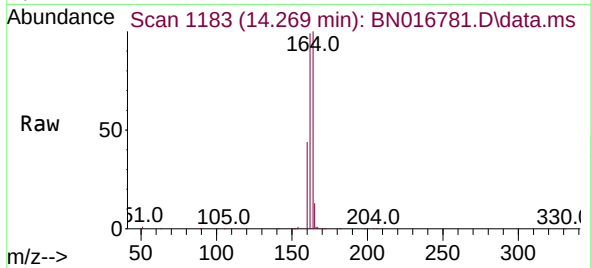
Tgt Ion: 152 Resp: 208
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.4#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

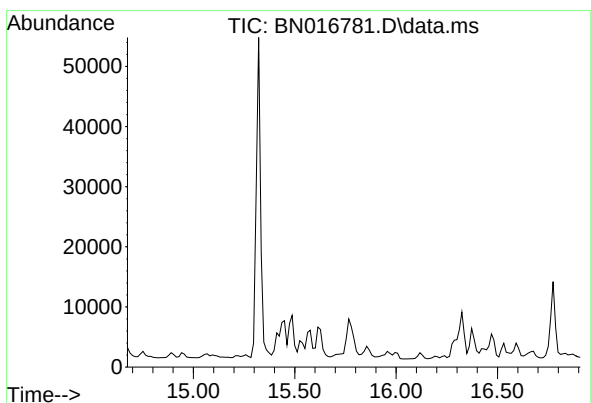
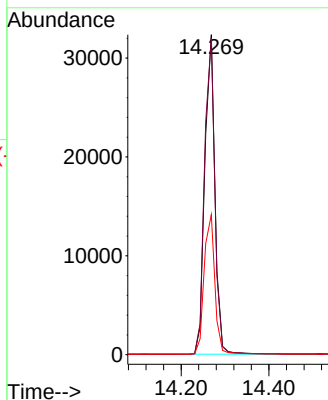
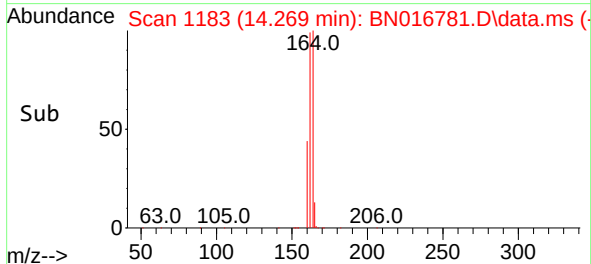
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL



Tgt Ion:164 Resp: 51385
Ion Ratio Lower Upper
164 100
162 99.1 82.6 124.0
160 43.8 38.2 57.2

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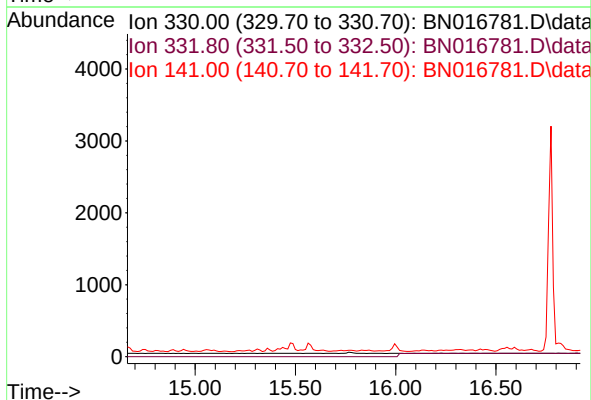
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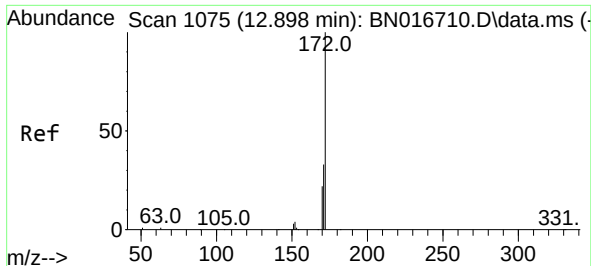


#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.77 min

Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

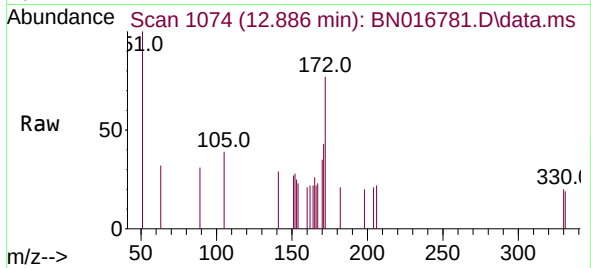
Tgt Ion: 330
Sig Exp Ratio
330 100
332 0.0
141 30.2





#15
2-Fluorobiphenyl
Concen: 0.001 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

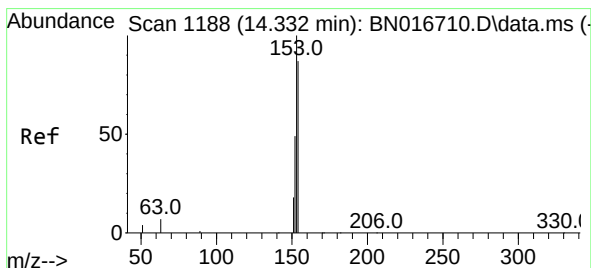
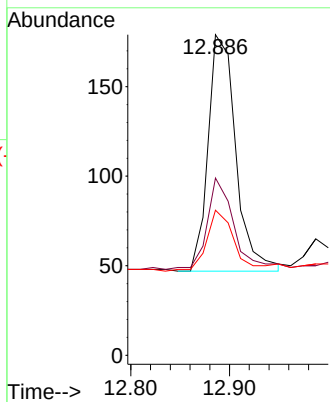
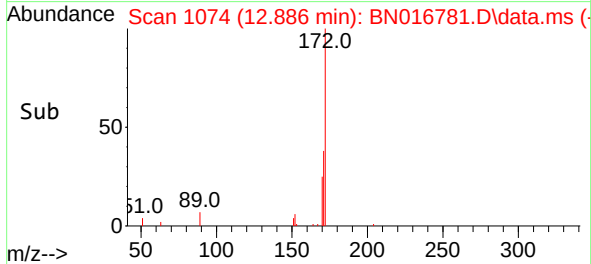
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BNA_N
ClientSampleId :
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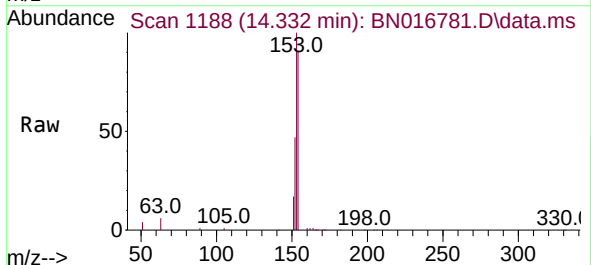
Tgt Ion:172 Resp: 257
Ion Ratio Lower Upper
172 100
171 55.3 26.9 40.3#
170 45.3 17.4 26.0#

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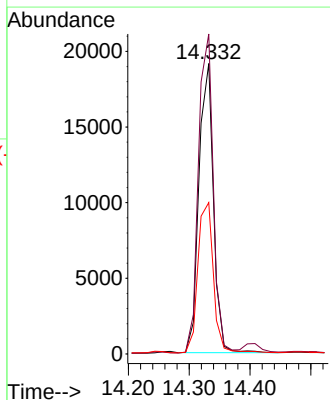
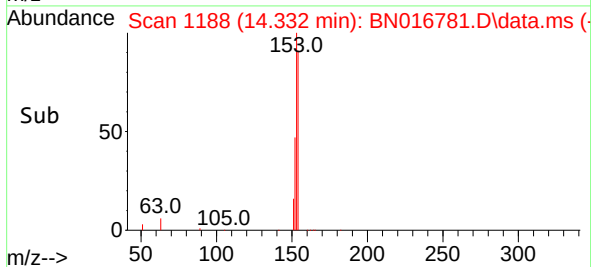
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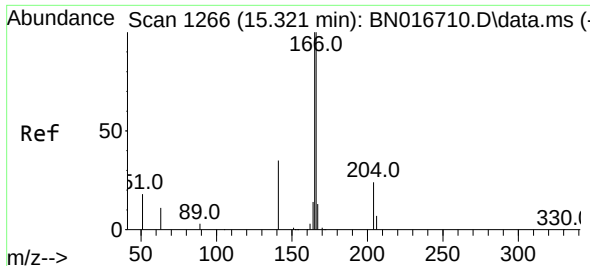


#17
Acenaphthene
Concen: 0.212 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



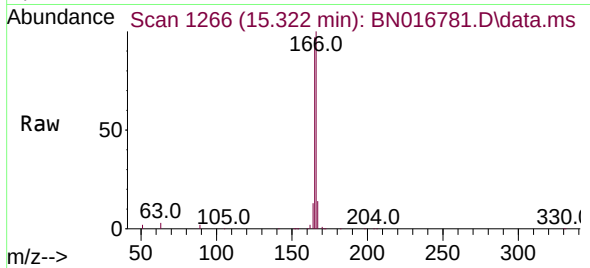
Tgt Ion:154 Resp: 31827
Ion Ratio Lower Upper
154 100
153 112.5 90.1 135.1
152 56.0 43.6 65.4





#18
Fluorene
Concen: 0.187 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

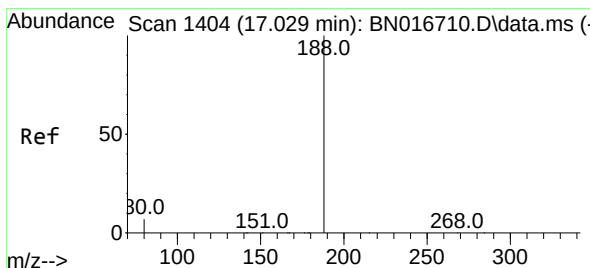
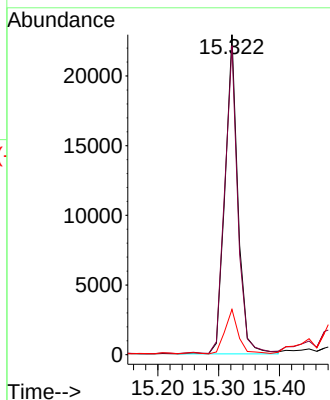
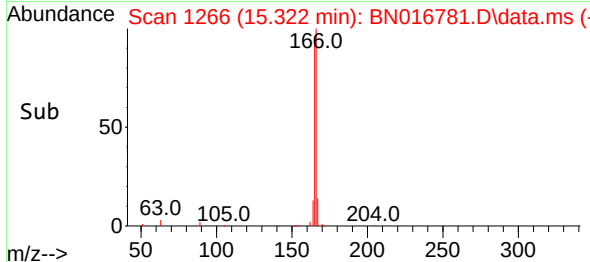
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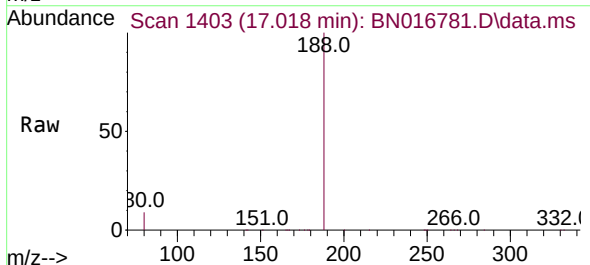
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Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 14.3 10.7 16.1

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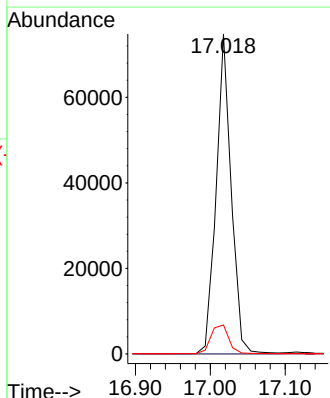
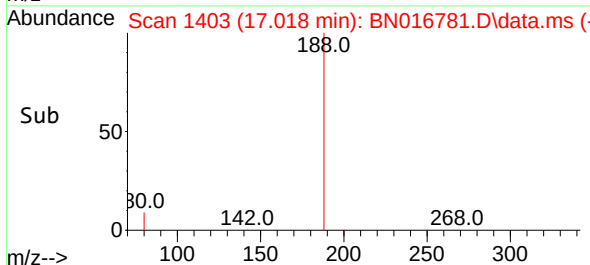
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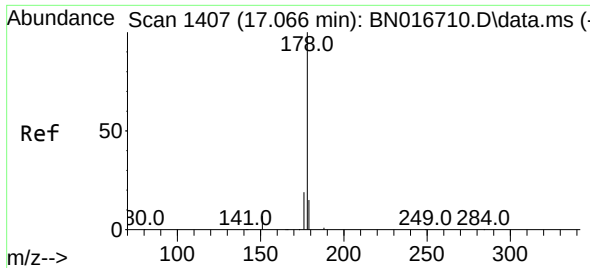


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



Tgt Ion:188 Resp: 104218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.8 8.8#





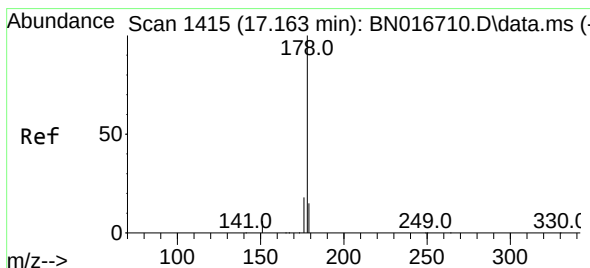
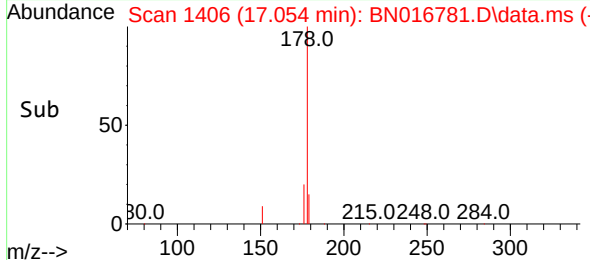
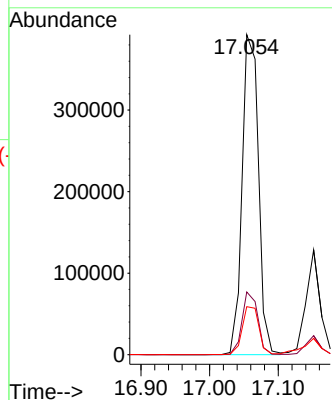
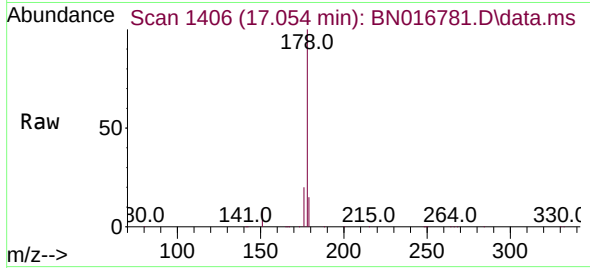
#25
Phenanthrene
Concen: 2.126 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:178 Resp: 651231
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.4 18.6

Instrument :
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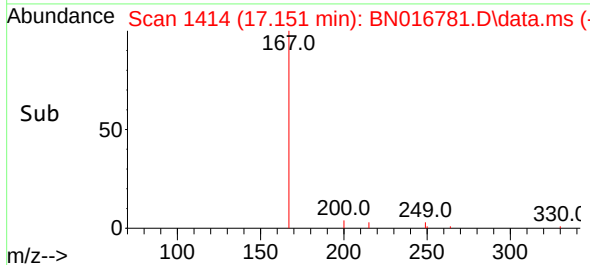
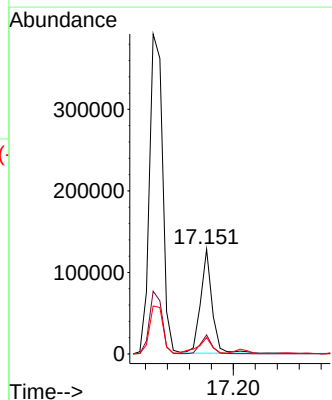
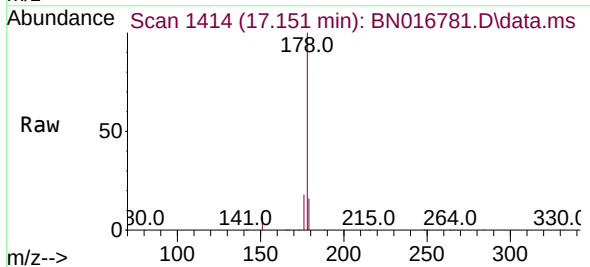
Manual Integrations
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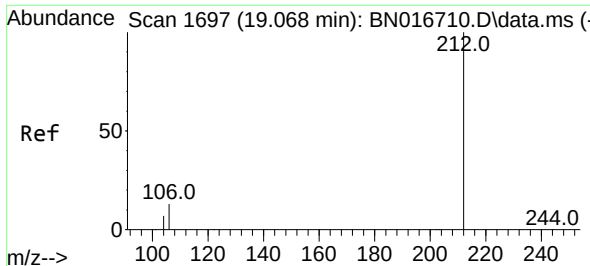
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#26
Anthracene
Concen: 0.679 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

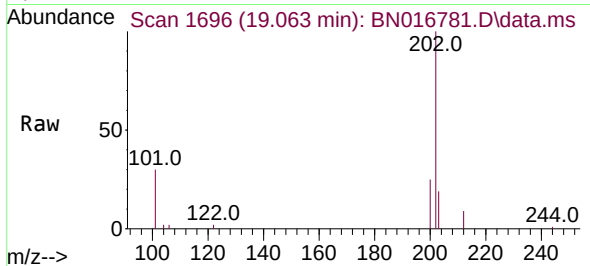
Tgt Ion:178 Resp: 185726
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 17.2 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

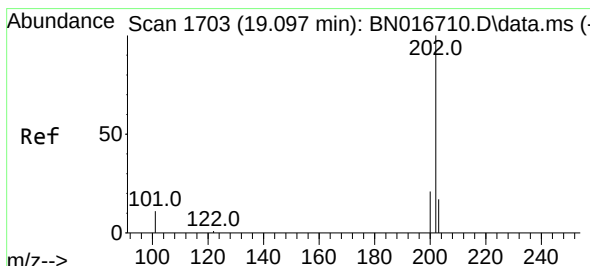
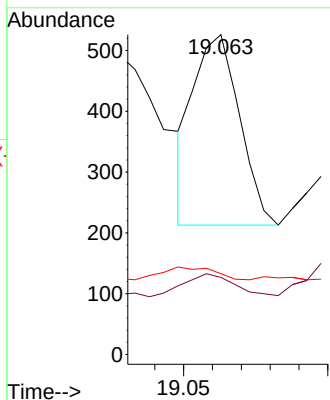
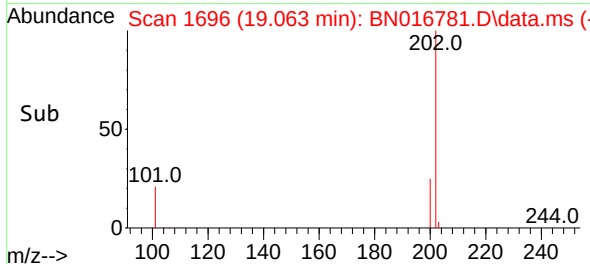
Instrument :
BNA_N
ClientSampleId :
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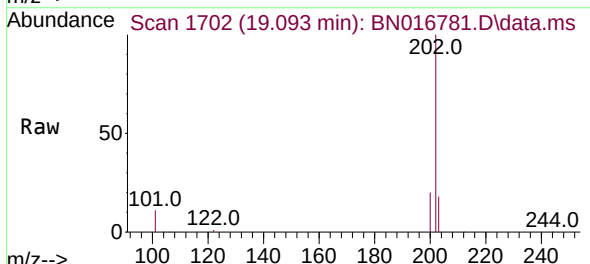
Tgt Ion:212 Resp: 347
Ion Ratio Lower Upper
212 100
106 14.7 10.6 16.0
104 16.7 5.8 8.8#

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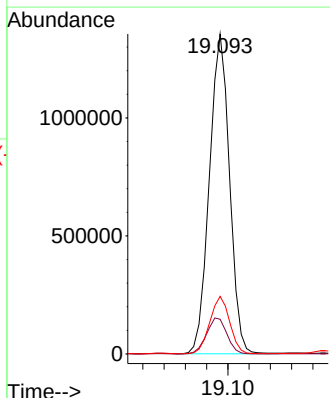
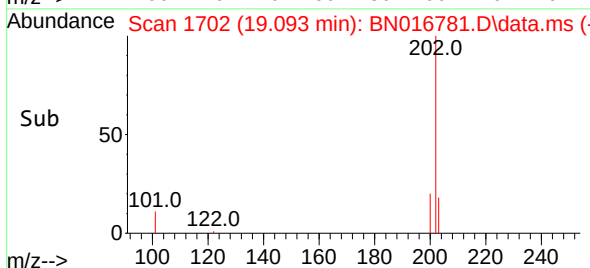
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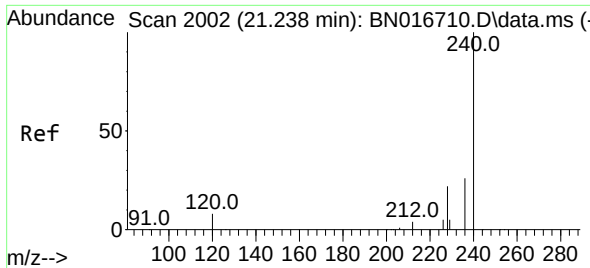


#28
Fluoranthene
Concen: 5.245 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



Tgt Ion:202 Resp: 1783325
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.7 13.8 20.8





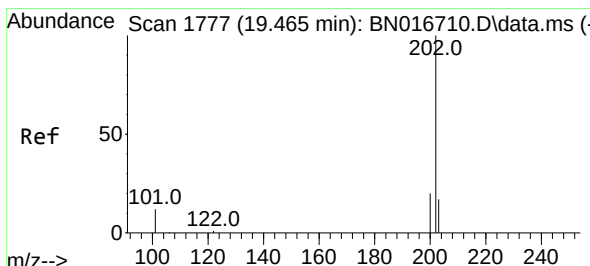
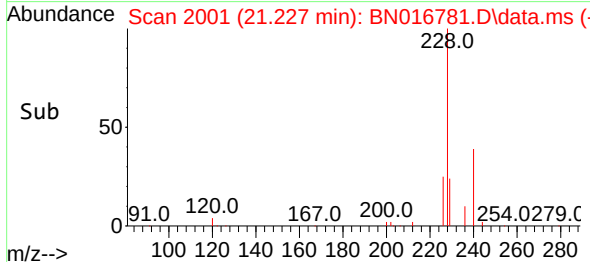
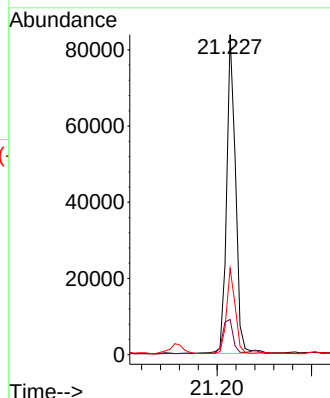
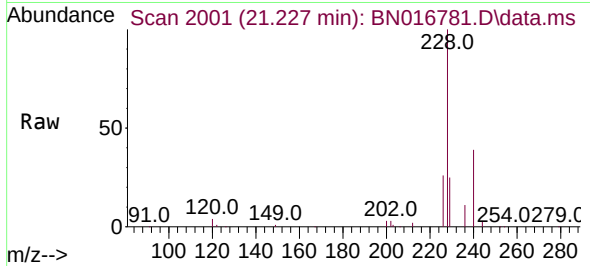
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

Tgt Ion:240 Resp: 109535
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 27.0 20.7 31.1

Instrument :
BNA_N
ClientSampleId :
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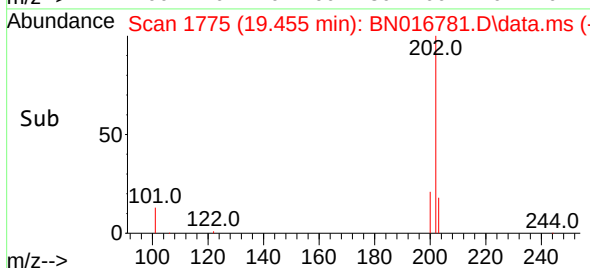
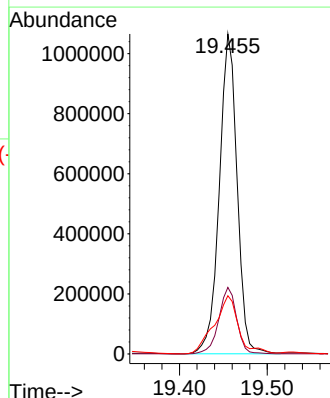
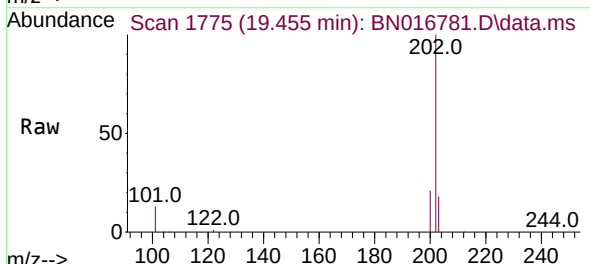
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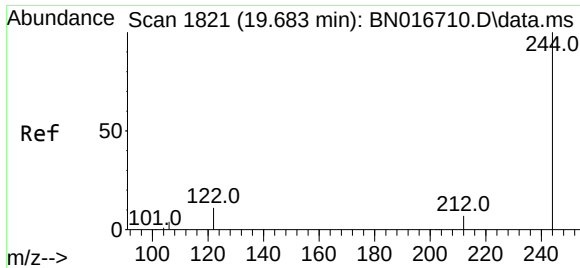
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#30
Pyrene
Concen: 4.159 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

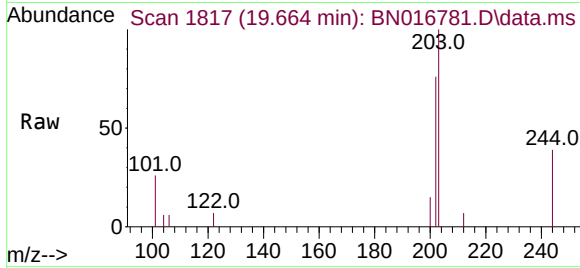
Tgt Ion:202 Resp: 1497803
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 24.6 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

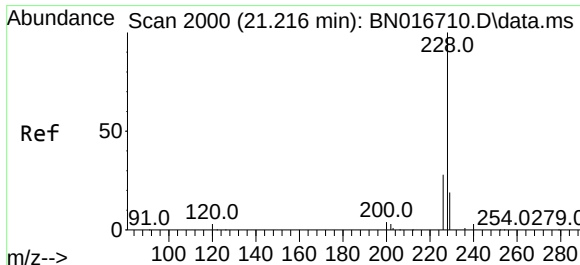
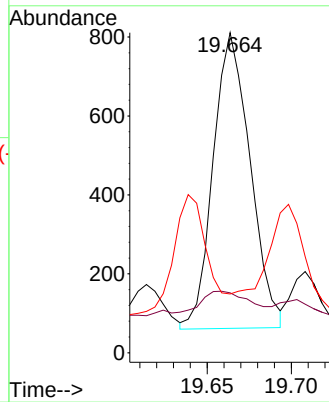
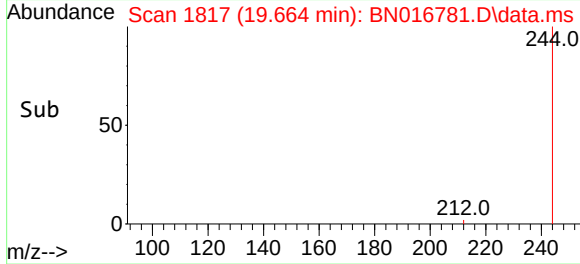
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL



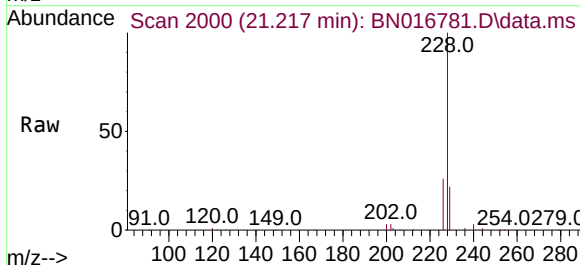
Tgt Ion:244 Resp: 1144
Ion Ratio Lower Upper
244 100
212 18.7 5.8 8.6#
122 18.4 8.9 13.3#

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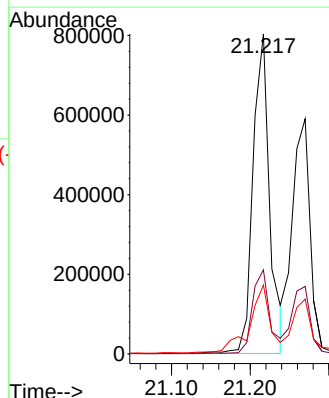
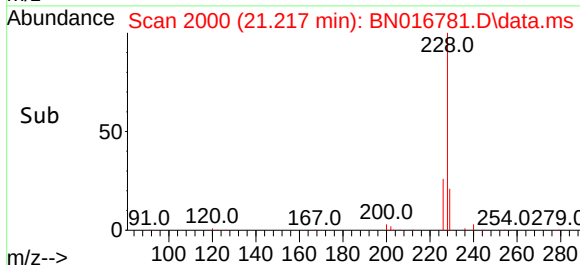
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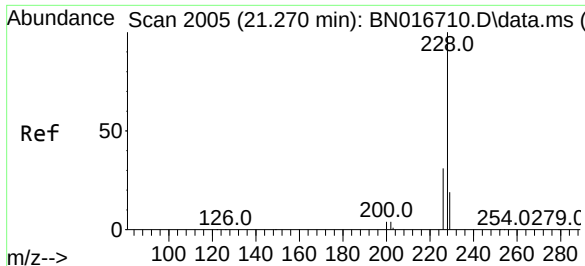


#32
Benzo(a)anthracene
Concen: 3.463 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



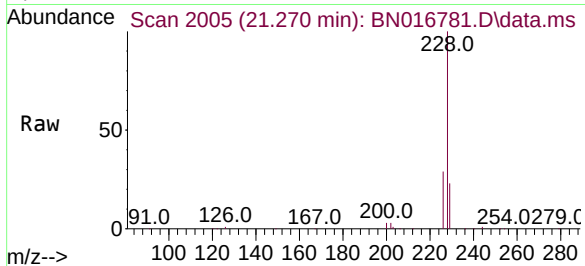
Tgt Ion:228 Resp: 1176568
Ion Ratio Lower Upper
228 100
226 26.3 22.3 33.5
229 21.6 15.4 23.0





#33
Chrysene
Concen: 2.719 ng m
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

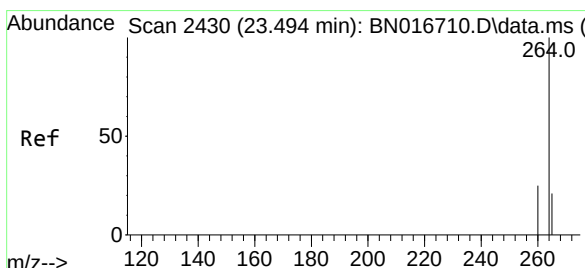
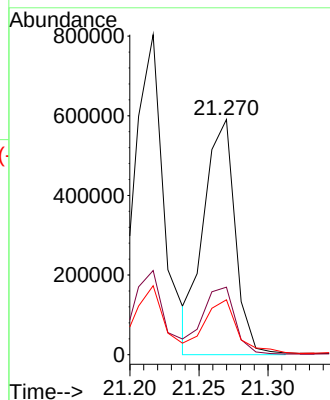
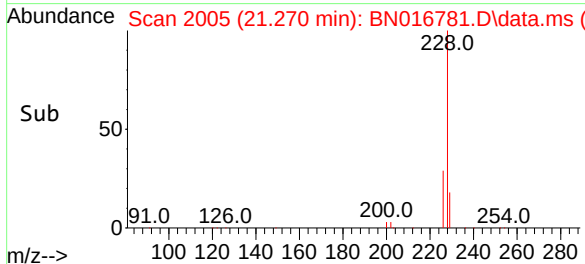
Instrument :
BNA_N
ClientSampleId :
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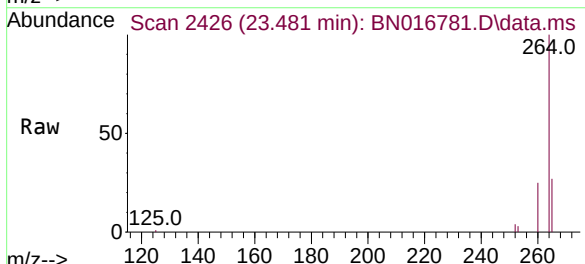
Tgt Ion:228 Resp: 937031
Ion Ratio Lower Upper
228 100
226 28.7 24.2 36.4
229 23.3 15.4 23.0#

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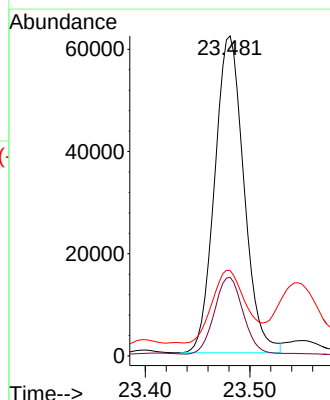
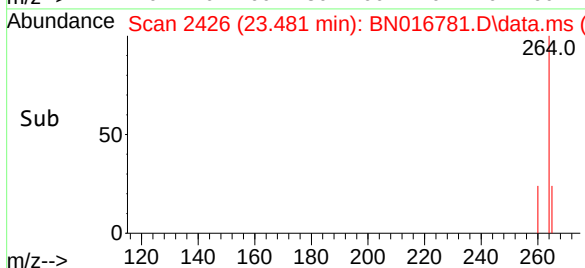
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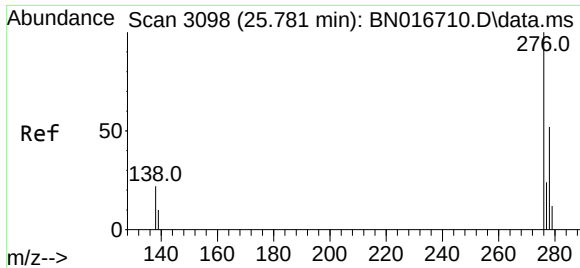


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



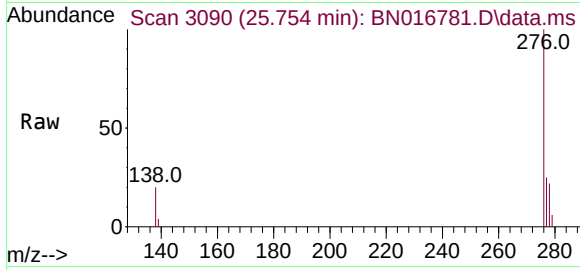
Tgt Ion:264 Resp: 120368
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 26.7 20.3 30.5





#36
Indeno(1,2,3-cd)pyrene
Concen: 1.224 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

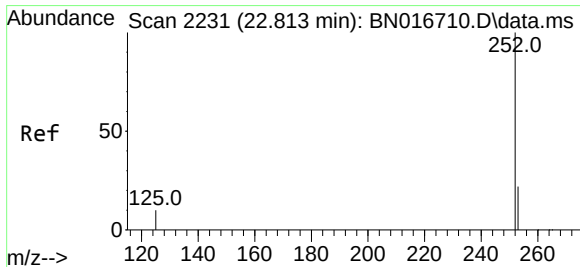
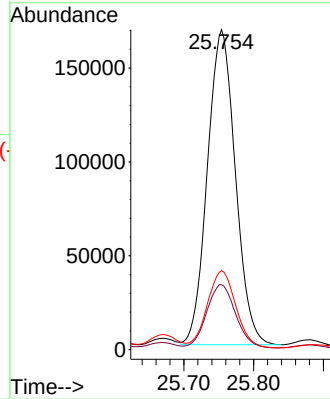
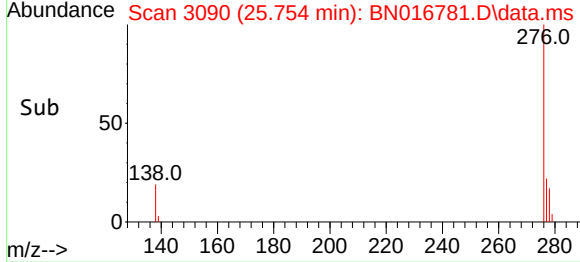
Instrument :
BNA_N
ClientSampleId :
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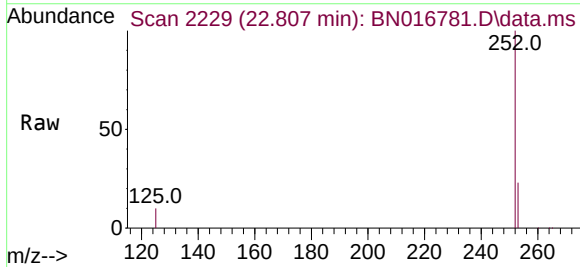
Tgt Ion:276 Resp: 467811
Ion Ratio Lower Upper
276 100
138 20.8 19.2 28.8
277 24.9 20.0 30.0

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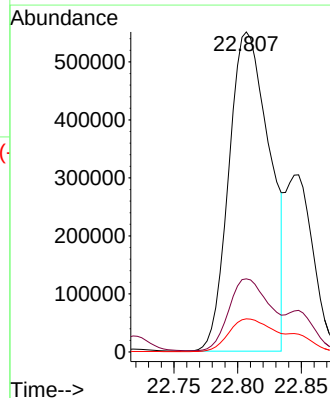
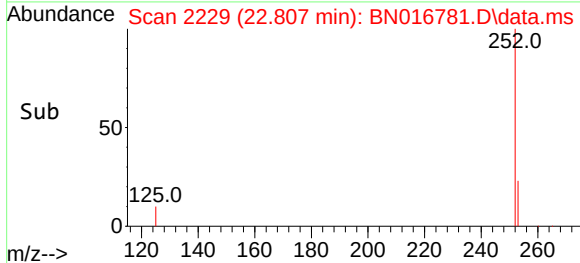
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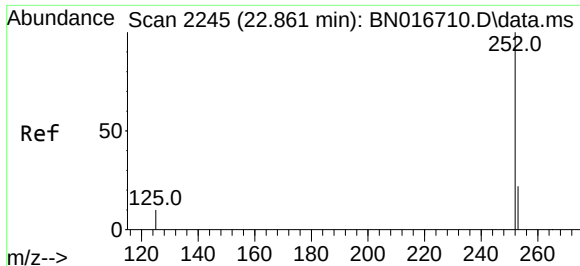


#37
Benzo(b)fluoranthene
Concen: 3.144 ng
RT: 22.807 min Scan# 2229
Delta R.T. 0.004 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14

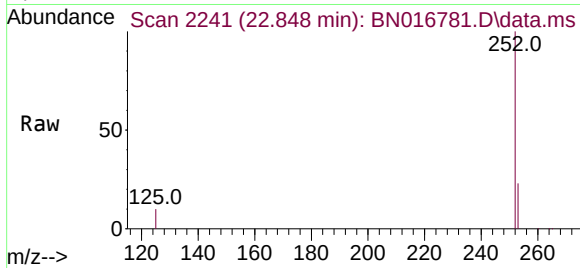


Tgt Ion:252 Resp: 1223906
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.4 8.3 12.5

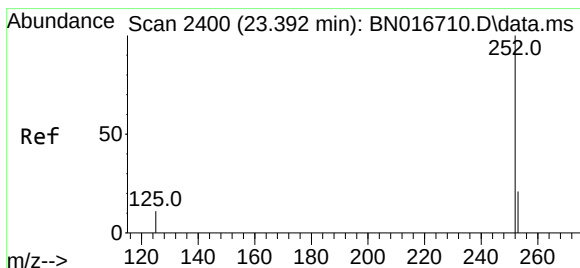
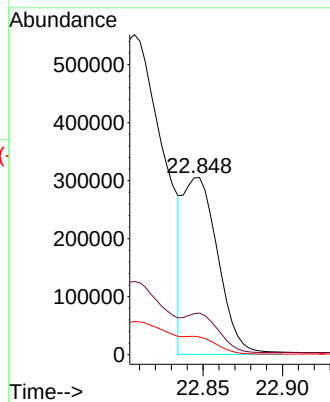
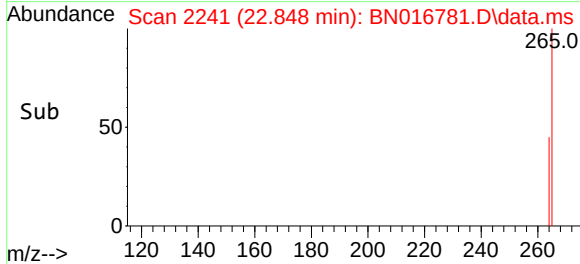




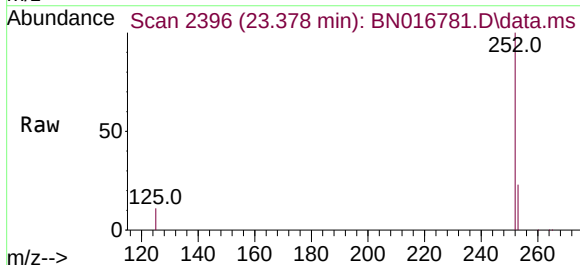
#38
Benzo(k)fluoranthene
Concen: 1.245 ng m
RT: 22.848 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



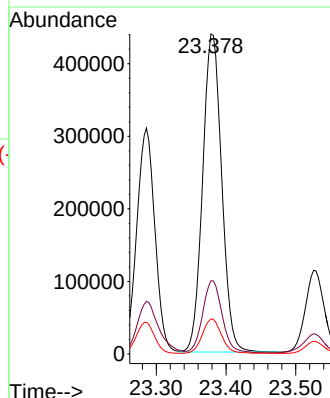
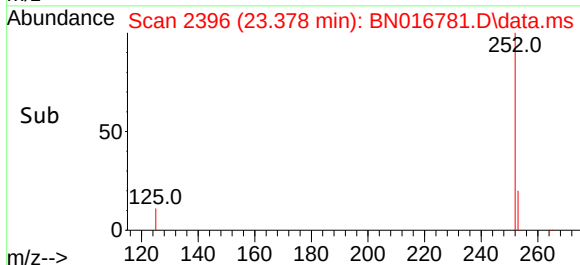
Tgt Ion:252 Resp: 465823
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.1 8.5 12.7



#39
Benzo(a)pyrene
Concen: 2.385 ng
RT: 23.378 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BN016781.D
Acq: 06 Oct 2021 16:14



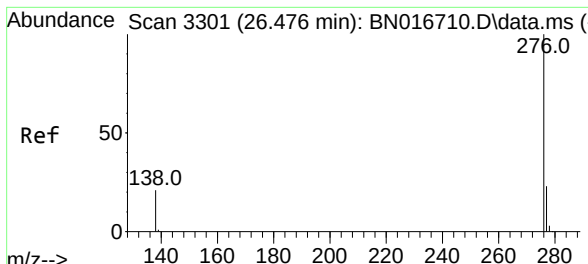
Tgt Ion:252 Resp: 830592
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.9 9.4 14.2



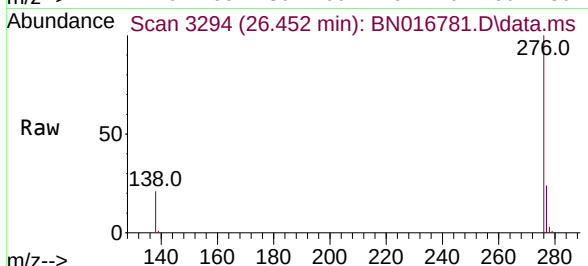
Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-1-1.5-092221DL

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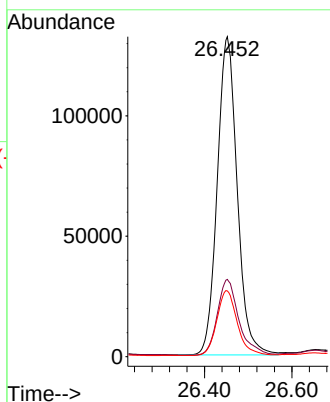
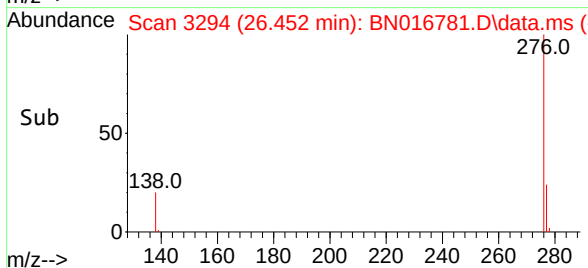
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#41
 Benzo(g,h,i)perylene
 Concen: 1.236 ng
 RT: 26.452 min Scan# 3294
 Delta R.T. 0.000 min
 Lab File: BN016781.D
 Acq: 06 Oct 2021 16:14



Tgt Ion:	276	Resp:	419262
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	20.6	17.0	25.6



Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221DL

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