

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016837.D
 Acq On : 08 Oct 2021 10:32
 Operator : CG/JU
 Sample : M4020-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-820-N-SO-2-2.5-093021

Manual Integrations
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Quant Time: Oct 08 12:19:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20206	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92310	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	50208	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	101031	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	105010	0.400	ng	#-0.01
35) Perylene-d12	23.454	264	113928	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	14462	0.287	ng	0.02
5) Phenol-d6	6.803	99	15163	0.264	ng	0.00
8) Nitrobenzene-d5	8.759	82	16053	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	37378	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	6343	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	47348	0.234	ng	0.00
27) Fluoranthene-d10	19.043	212	72915	0.260	ng	0.00
31) Terphenyl-d14	19.654	244	54989	0.240	ng	0.00
Target Compounds						
						Qvalue
24) Pentachlorophenol	16.653	266	114	0.107	ng	91
25) Phenanthrene	17.042	178	21019	0.070	ng	97
28) Fluoranthene	19.073	202	37015	0.110	ng	100
30) Pyrene	19.435	202	33631	0.104	ng	# 95
32) Benzo(a)anthracene	21.196	228	17711	0.055	ng	96
33) Chrysene	21.249	228	18233m	0.055	ng	
34) Bis(2-ethylhexyl)phtha...	21.143	149	33930	0.206	ng	99
36) Indeno(1,2,3-cd)pyrene	25.713	276	12368	0.029	ng	97
37) Benzo(b)fluoranthene	22.783	252	24278	0.067	ng	# 81
38) Benzo(k)fluoranthene	22.821	252	9920m	0.028	ng	
41) Benzo(g,h,i)perylene	26.408	276	12638	0.034	ng	# 89

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

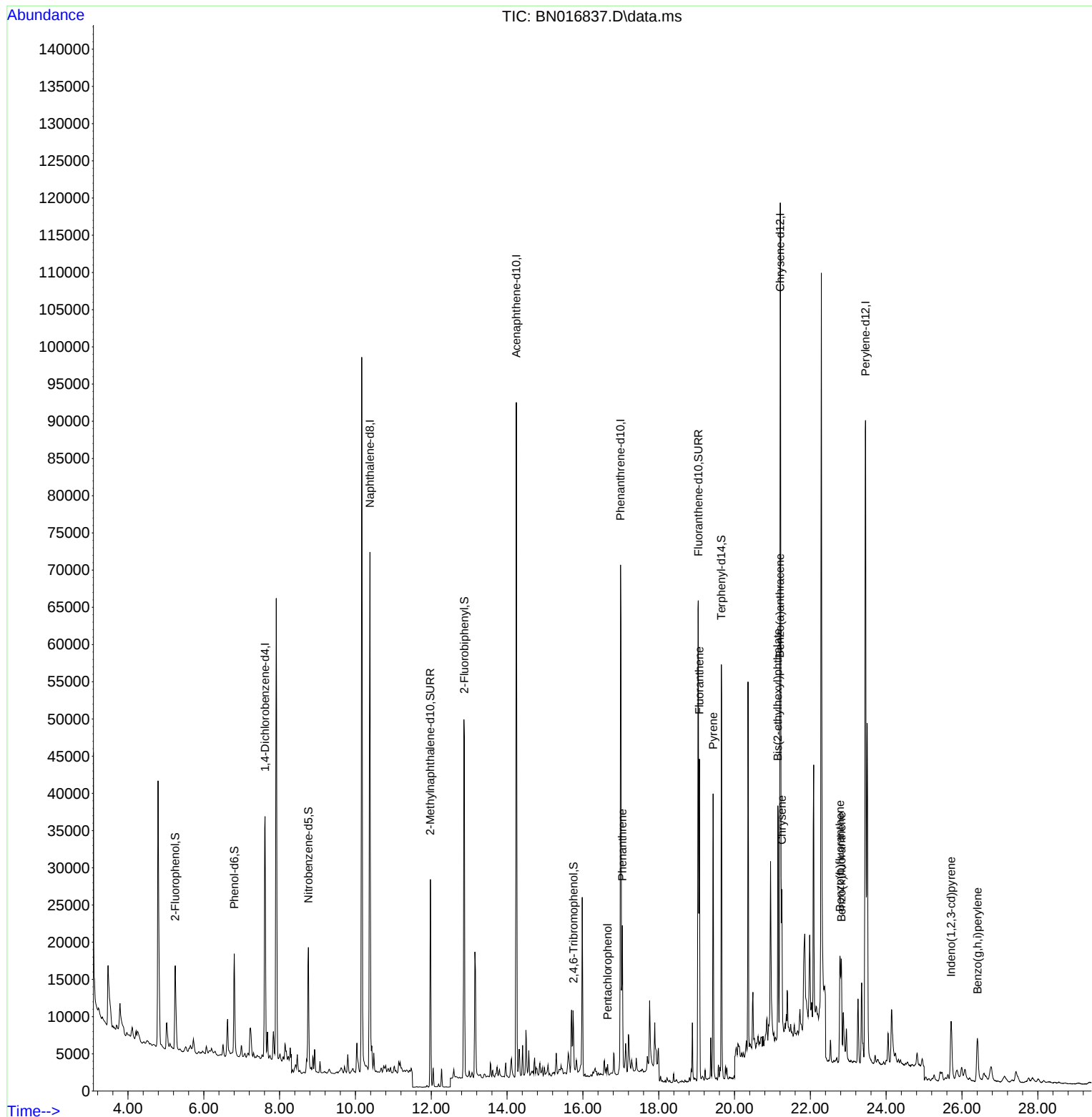
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016837.D
Acq On : 08 Oct 2021 10:32
Operator : CG/JU
Sample : M4020-15
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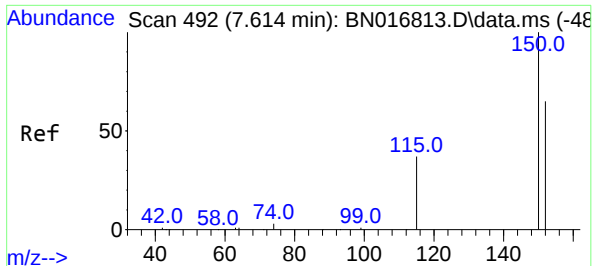
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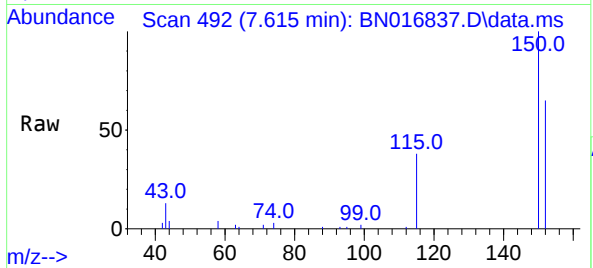
Quant Time: Oct 08 12:19:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

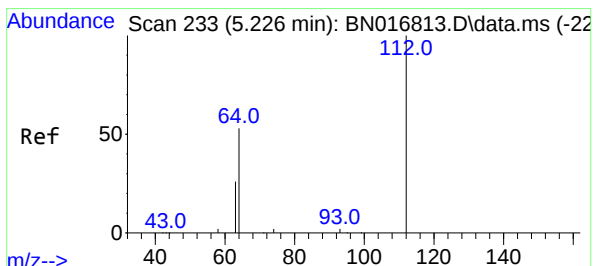
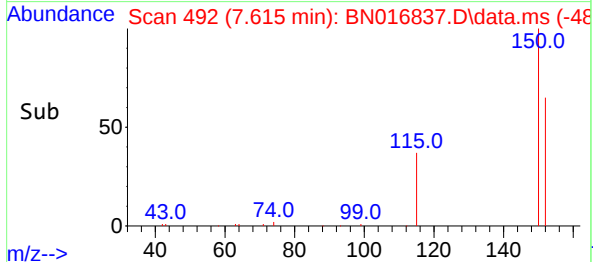
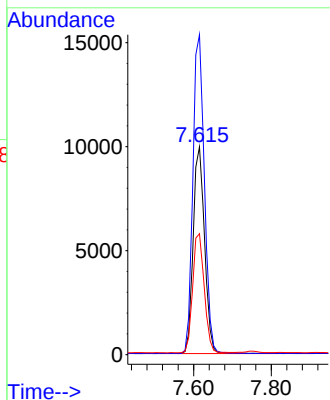
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021



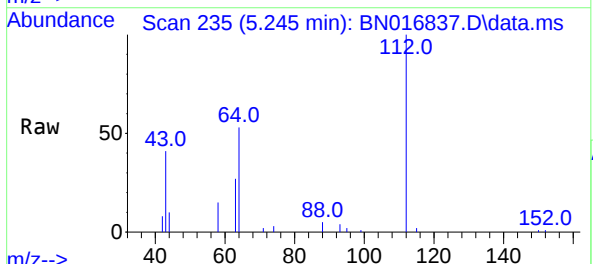
Tgt Ion:152 Resp: 20206
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.2 47.0 70.6

Manual Integrations
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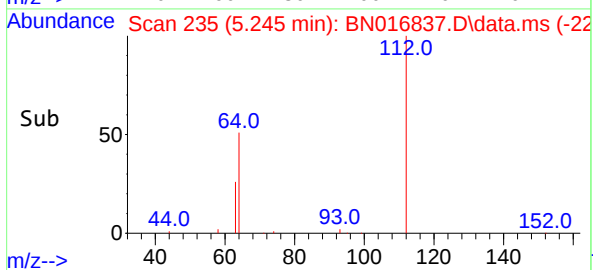
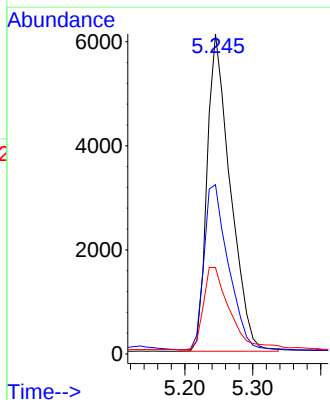
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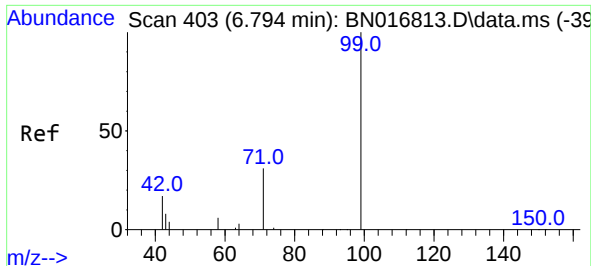


#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

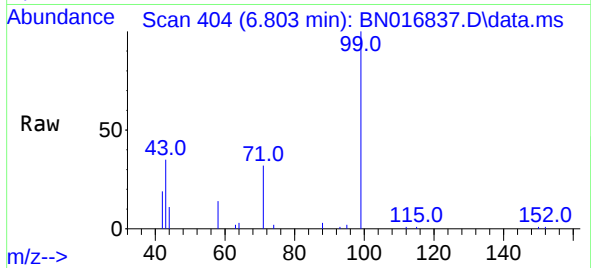


Tgt Ion:112 Resp: 14462
Ion Ratio Lower Upper
112 100
64 54.6 42.9 64.3
63 29.2 21.5 32.3

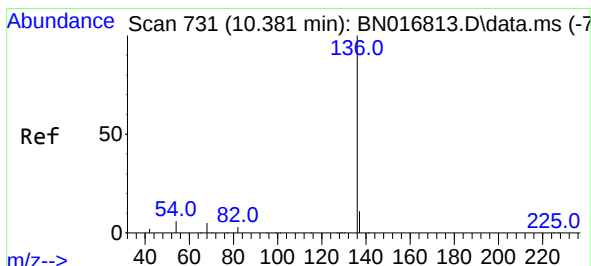
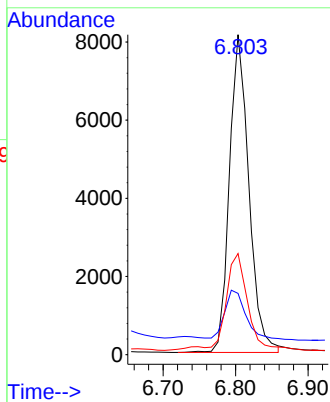
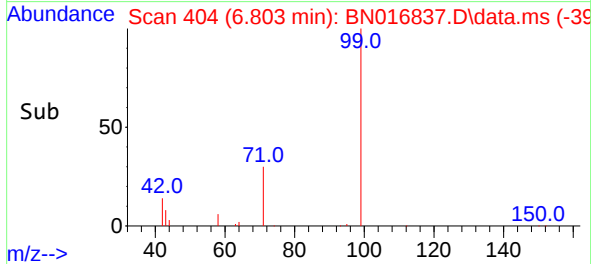




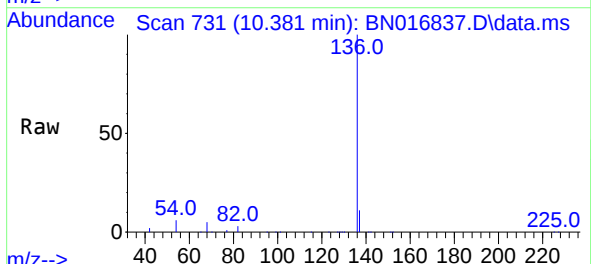
#5
Phenol-d6
Concen: 0.264 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



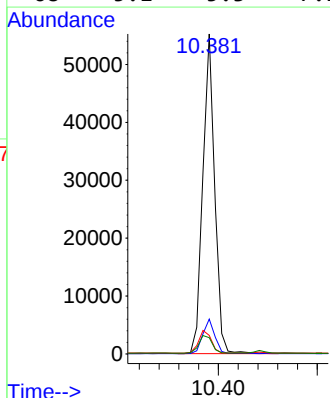
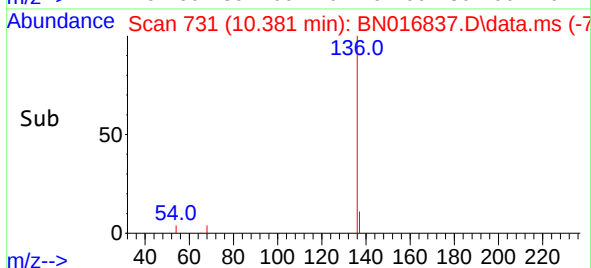
Tgt Ion: 99 Resp: 15163
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 33.3 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



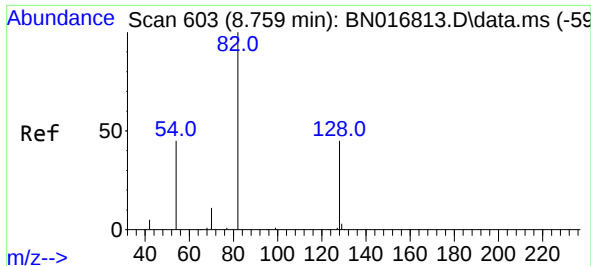
Tgt Ion: 136 Resp: 92310
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.8 6.5 9.7#
68 5.1 5.3 7.9#



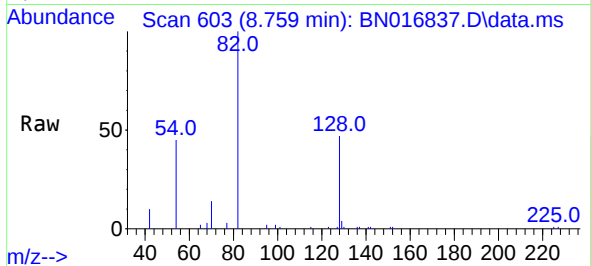
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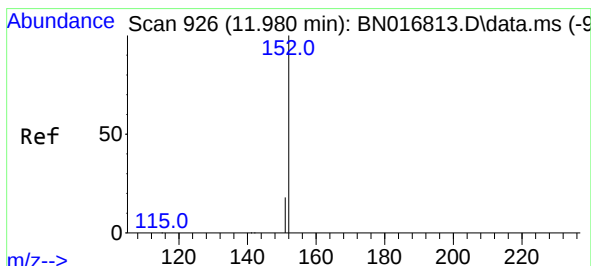
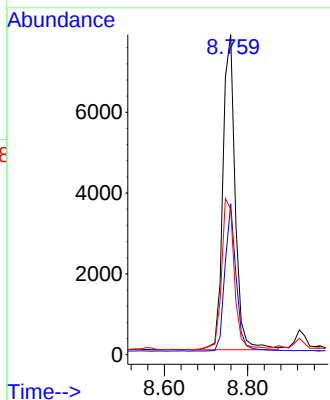
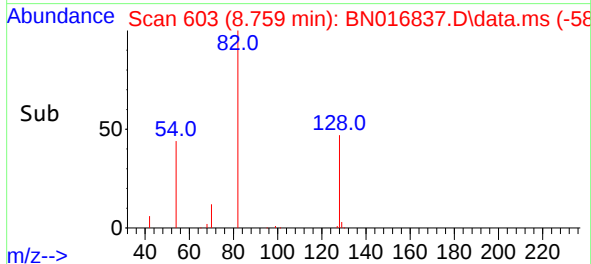
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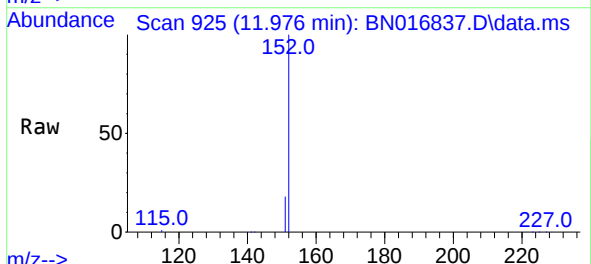
#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



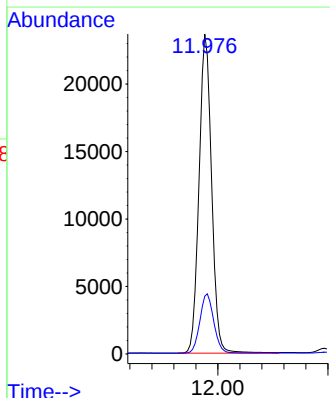
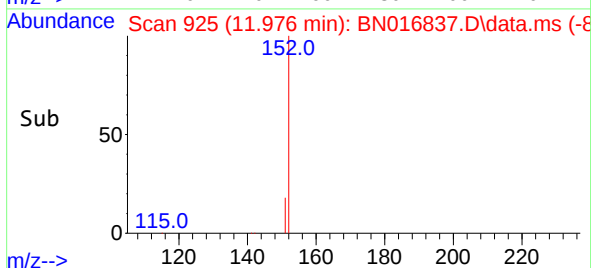
Tgt Ion: 82 Resp: 16053
Ion Ratio Lower Upper
82 100
128 47.2 33.8 50.6
54 45.4 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



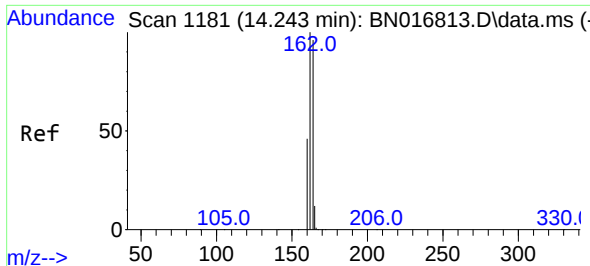
Tgt Ion: 152 Resp: 37378
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021

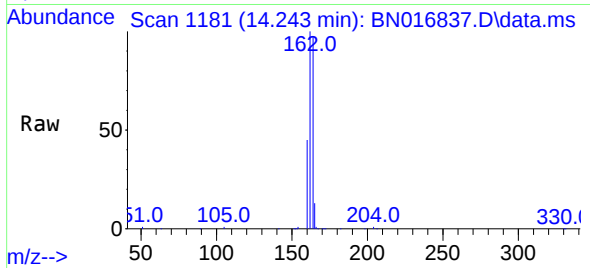
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

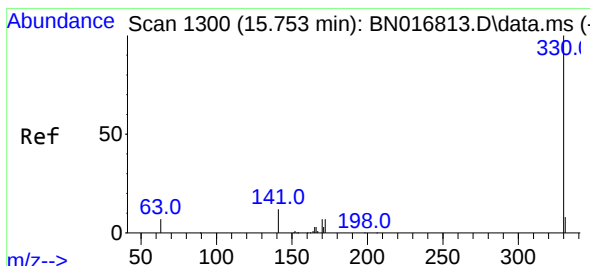
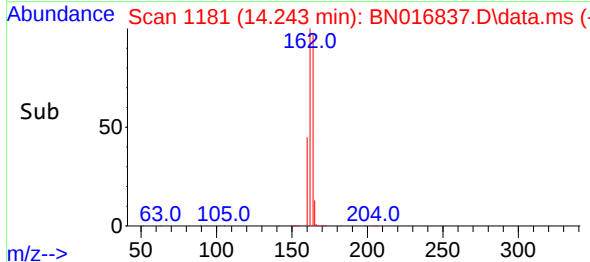
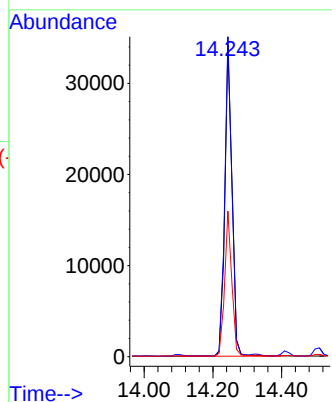
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021



Tgt Ion:164 Resp: 50208
Ion Ratio Lower Upper
164 100
162 102.7 82.6 124.0
160 46.7 38.2 57.2

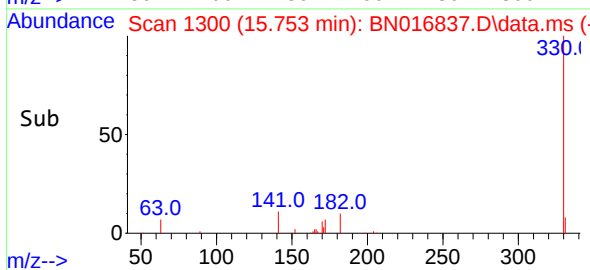
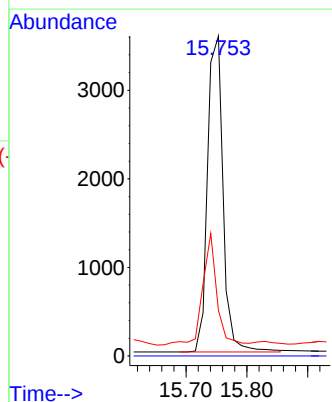
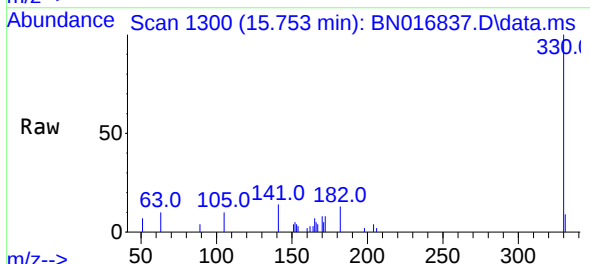
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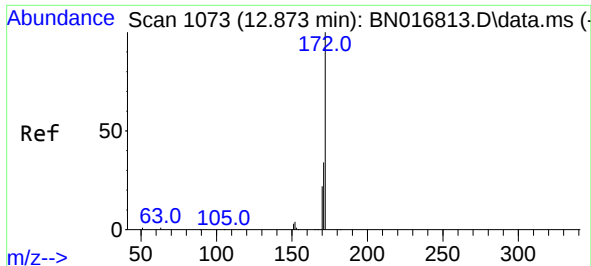
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#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:330 Resp: 6343
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 24.2 36.2





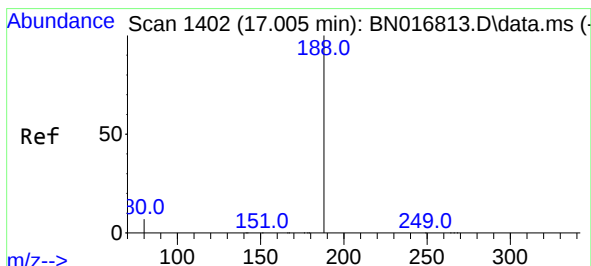
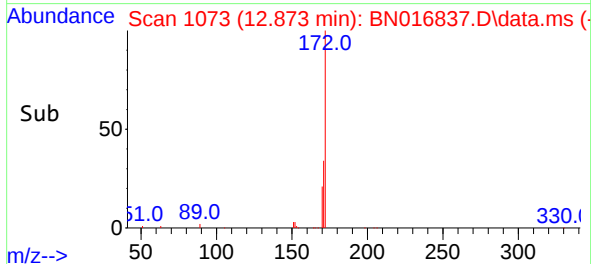
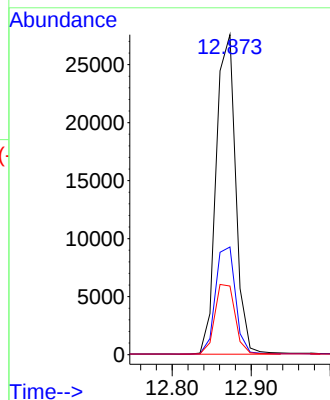
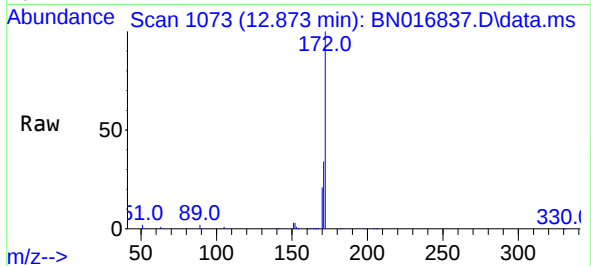
#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:	172	Resp:	47348
Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.9	40.3
170	21.5	17.4	26.0

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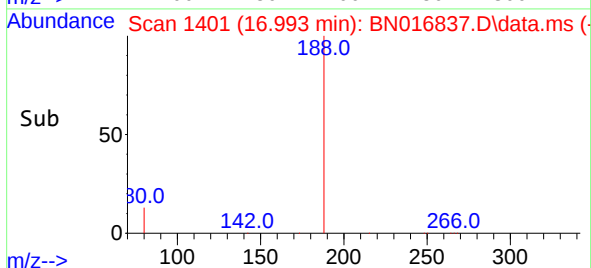
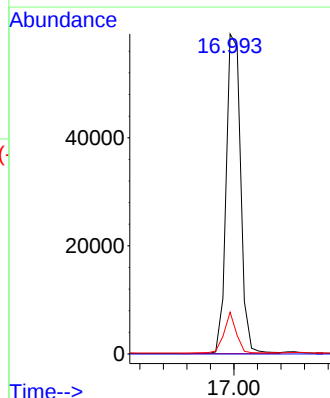
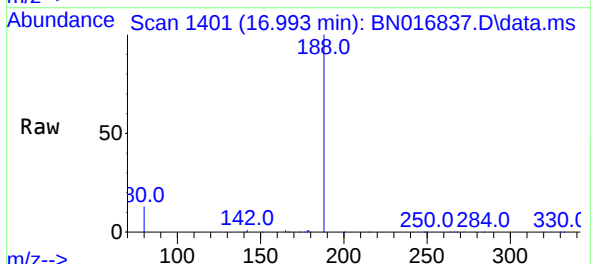
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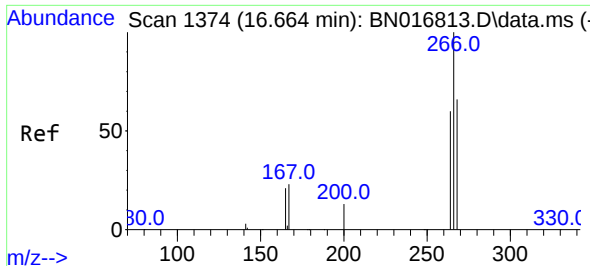
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

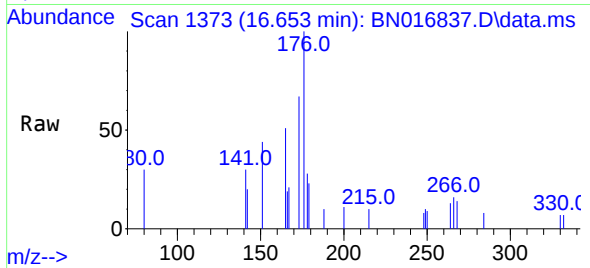
Tgt Ion:	188	Resp:	101031
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	5.8	8.8#





#24
Pentachlorophenol
Concen: 0.107 ng
RT: 16.653 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

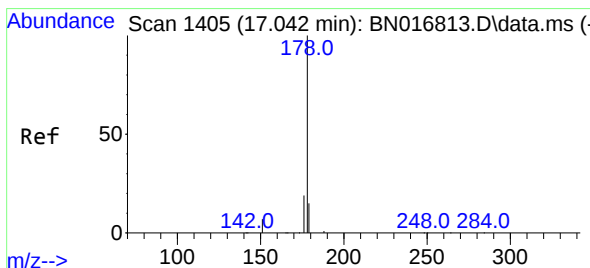
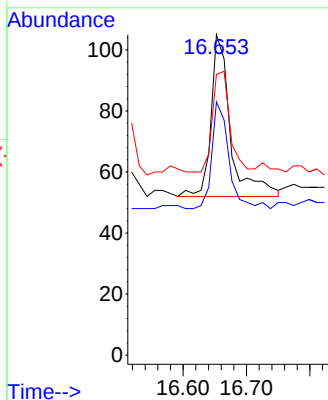
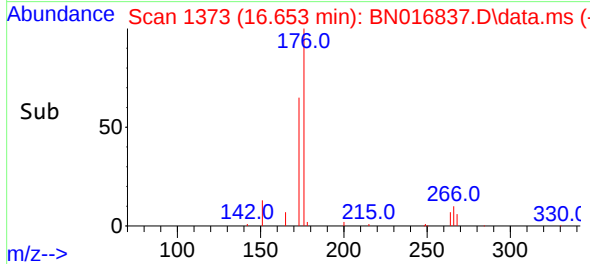
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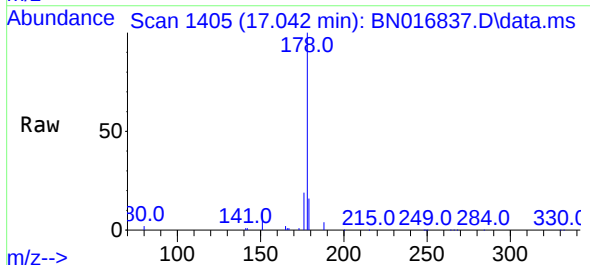
Tgt Ion:266 Resp: 114
Ion Ratio Lower Upper
266 100
264 57.0 49.3 73.9
268 55.3 51.8 77.8

Manual Integrations
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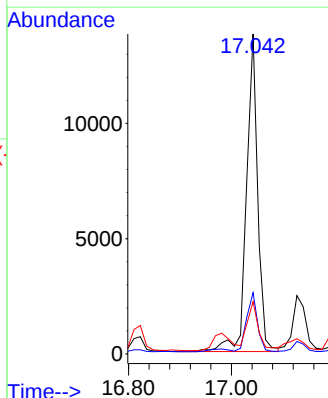
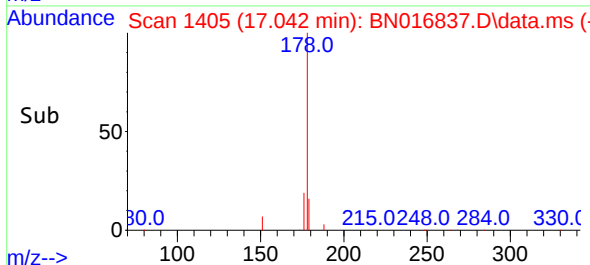
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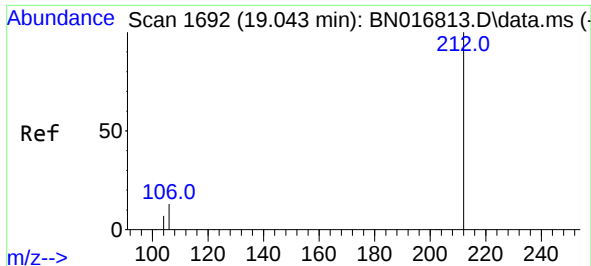


#25
Phenanthrene
Concen: 0.070 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

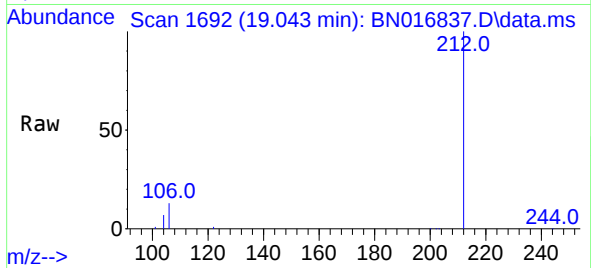


Tgt Ion:178 Resp: 21019
Ion Ratio Lower Upper
178 100
176 17.4 15.0 22.6
179 14.5 12.4 18.6

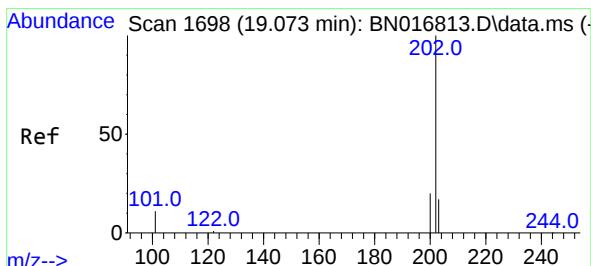
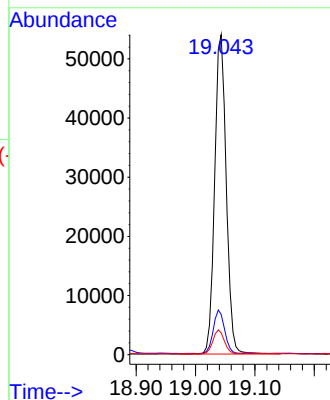
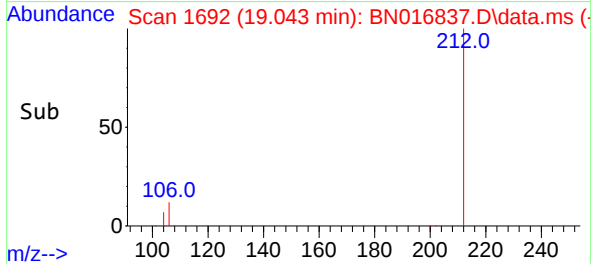




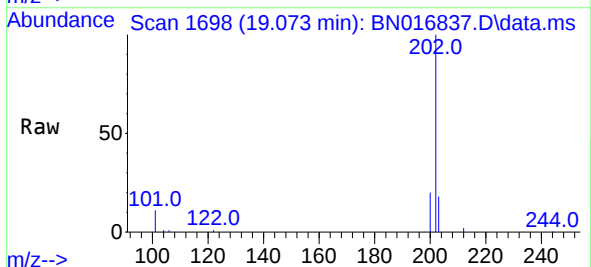
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Fluoranthene-d10
Concen: 0.260 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



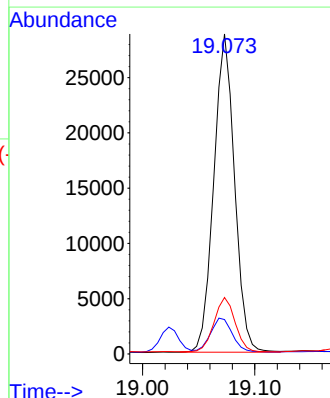
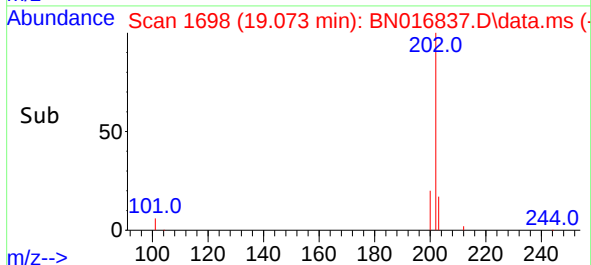
Tgt Ion:212 Resp: 72915
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#28
Fluoranthene
Concen: 0.110 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



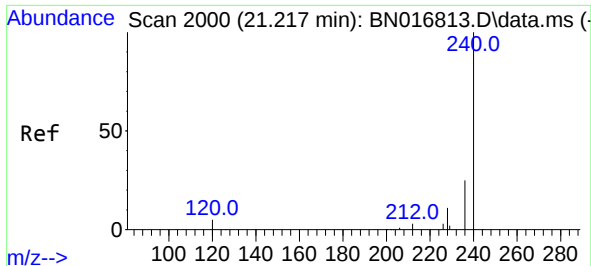
Tgt Ion:202 Resp: 37015
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
203 17.3 13.8 20.8



Instrument :
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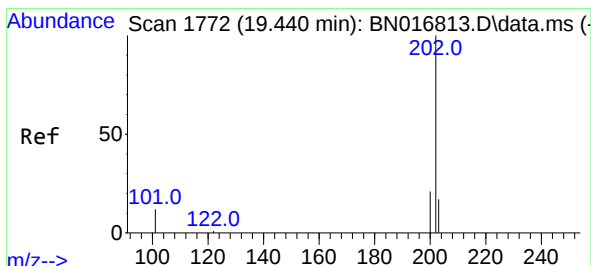
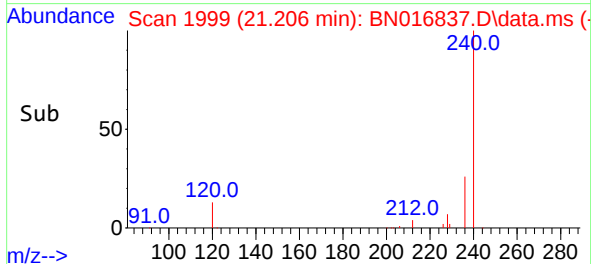
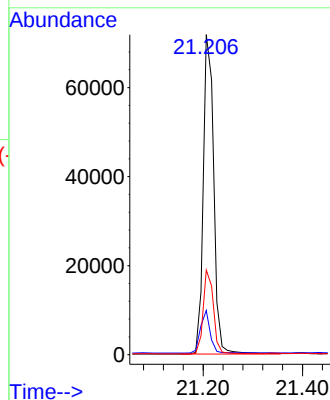
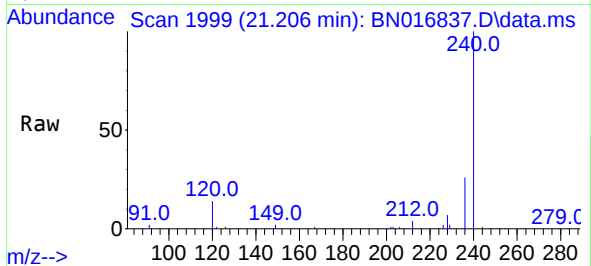
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
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Tgt Ion:240 Resp: 105010
Ion Ratio Lower Upper
240 100
120 13.8 6.6 10.0#
236 26.5 20.7 31.1

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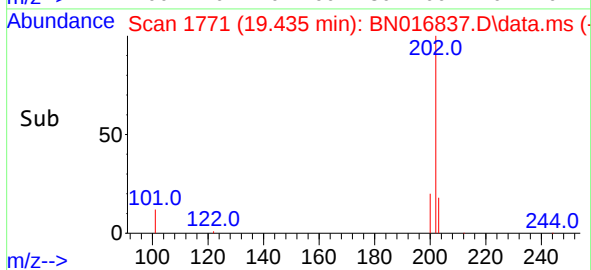
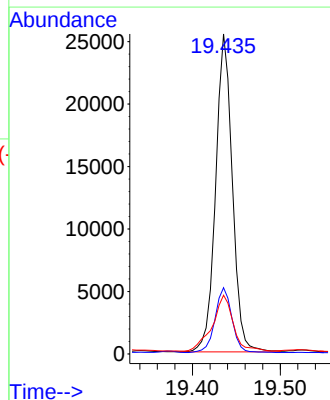
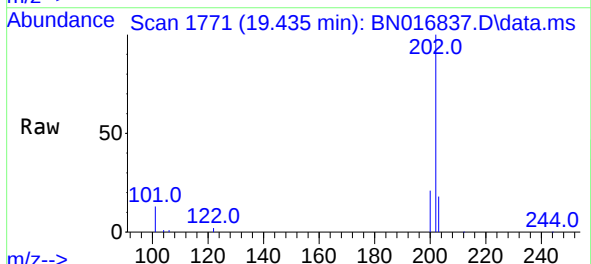
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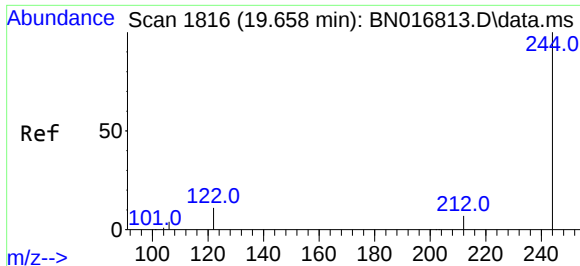
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#30
Pyrene
Concen: 0.104 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

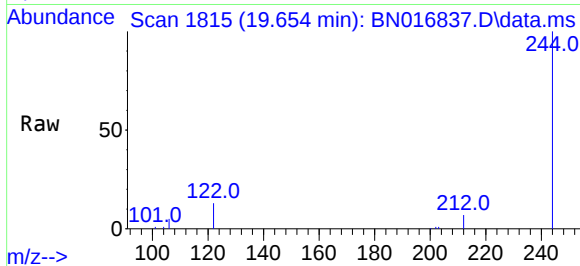
Tgt Ion:202 Resp: 33631
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 21.8 13.9 20.9#





#31
Terphenyl-d14
Concen: 0.240 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

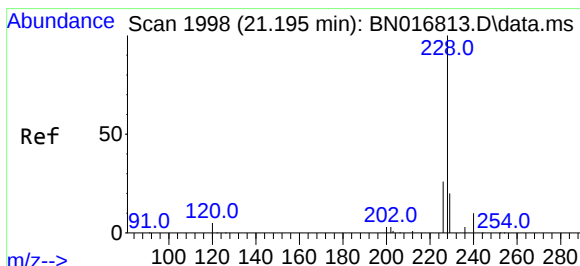
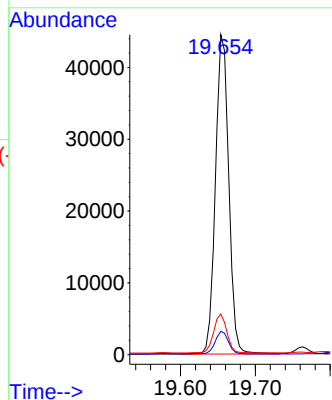
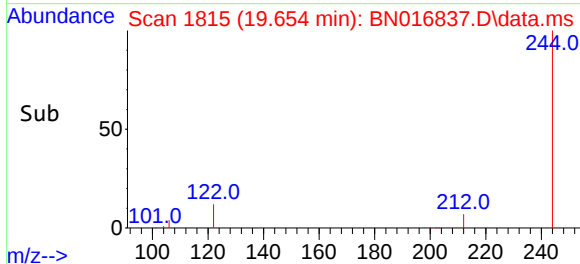
Instrument :
BNA_N
ClientSampleId :
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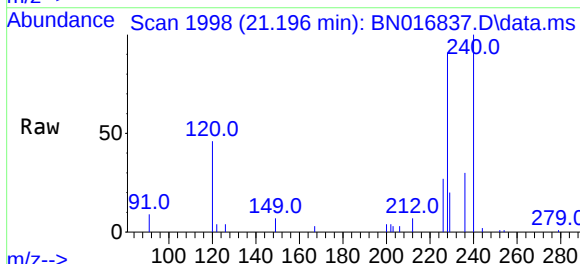
Tgt Ion:244 Resp: 54989
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.7 8.9 13.3

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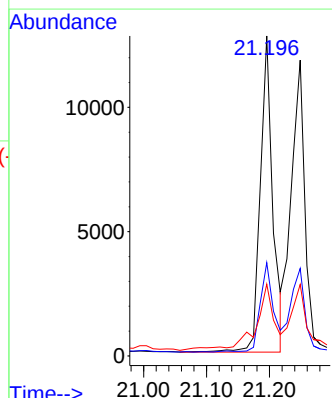
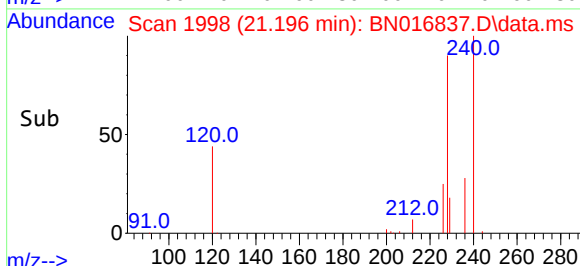
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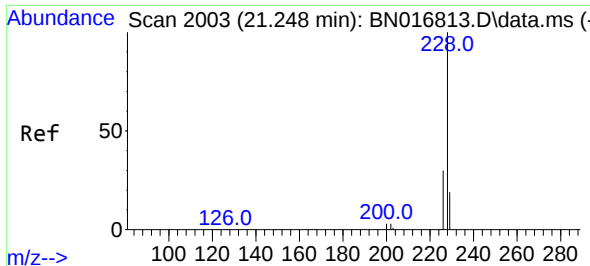


#32
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



Tgt Ion:228 Resp: 17711
Ion Ratio Lower Upper
228 100
226 29.2 22.3 33.5
229 22.4 15.4 23.0





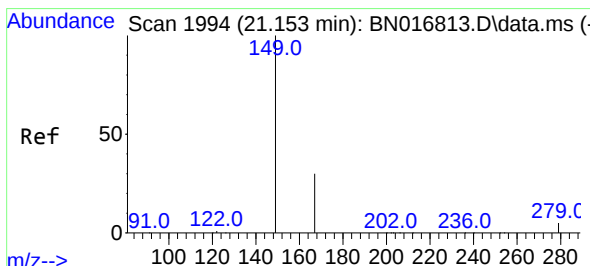
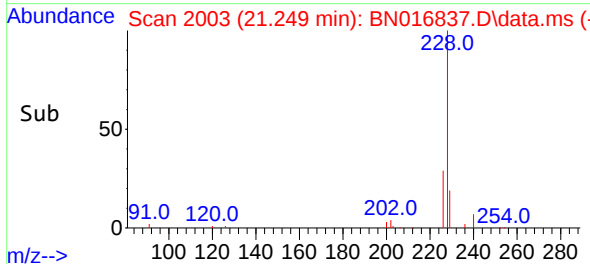
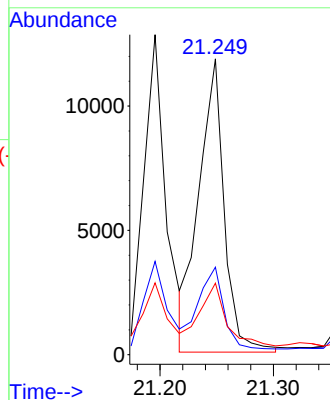
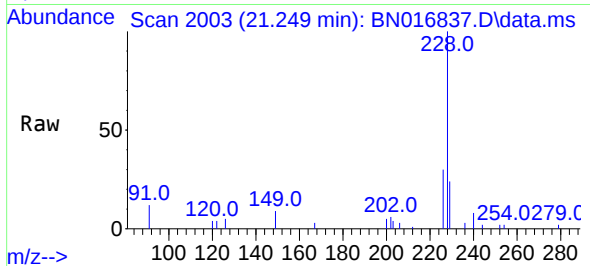
#33
Chrysene
Concen: 0.055 ng m
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016837.D
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Tgt Ion: 228 Resp: 18233
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.4
229 24.2 15.4 23.0#

Instrument :
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ClientSampleId :
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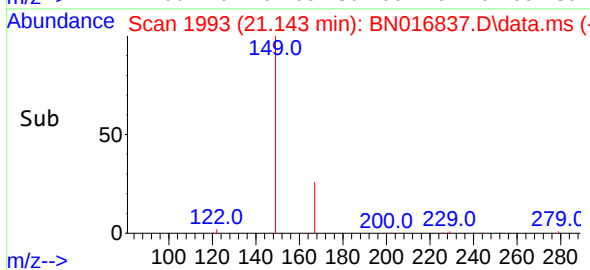
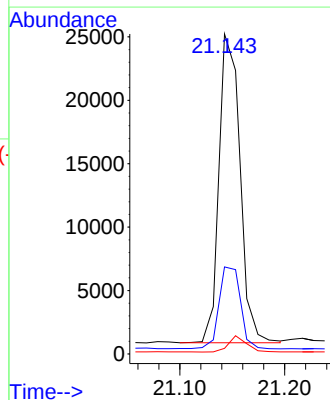
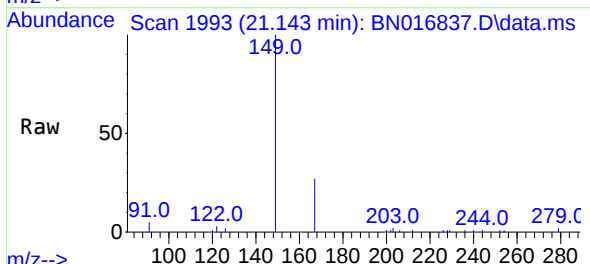
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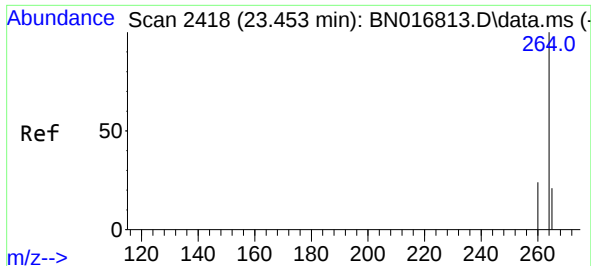
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#34
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.143 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

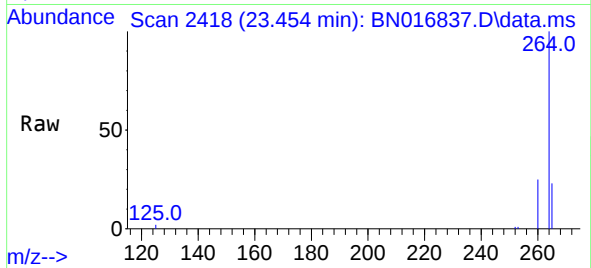
Tgt Ion: 149 Resp: 33930
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.4
279 4.5 3.4 5.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

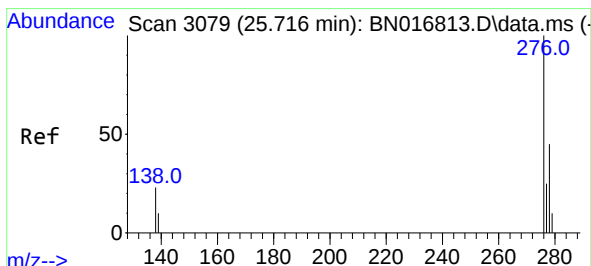
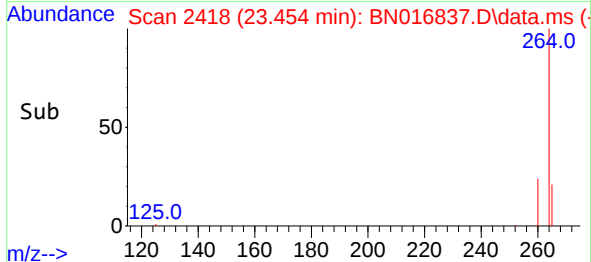
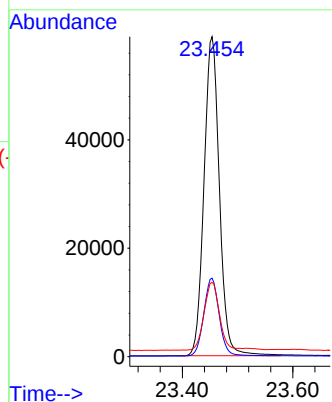
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BNA_N
ClientSampleId :
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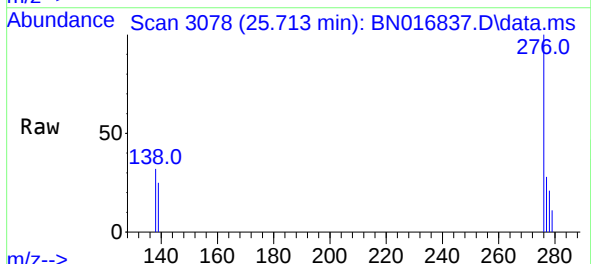
Tgt Ion:264 Resp: 113928
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 23.2 20.3 30.5

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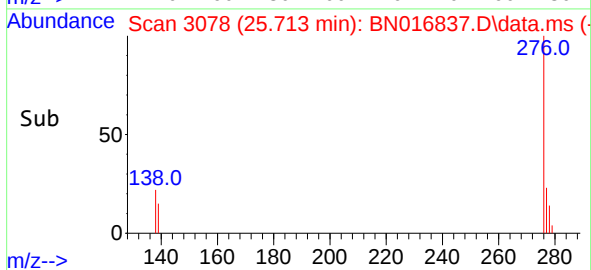
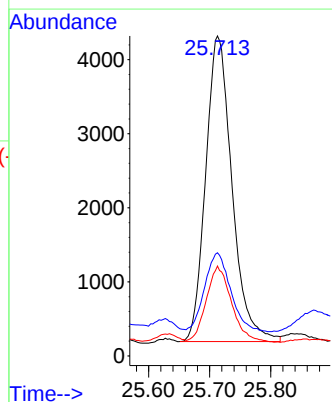
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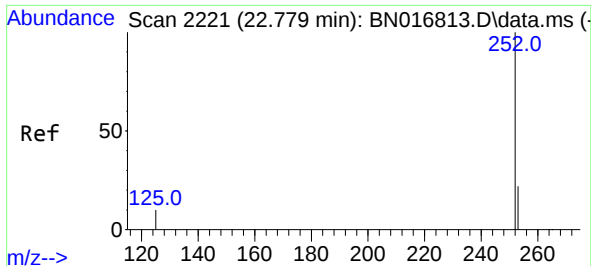


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.713 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

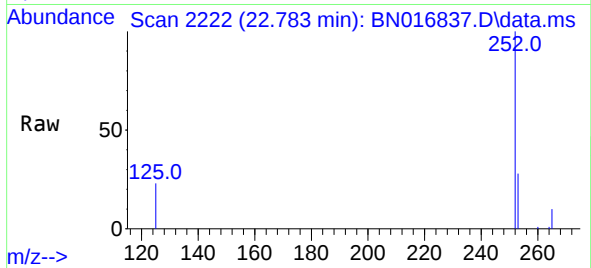


Tgt Ion:276 Resp: 12368
Ion Ratio Lower Upper
276 100
138 25.5 19.2 28.8
277 23.9 20.0 30.0

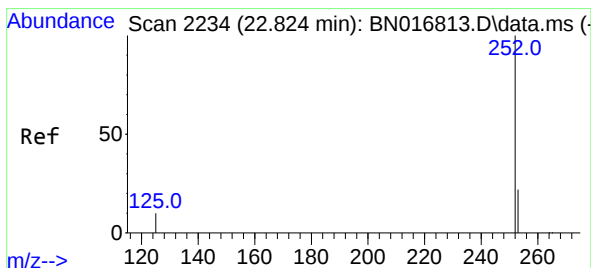
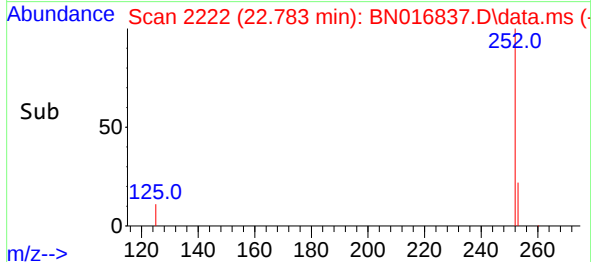
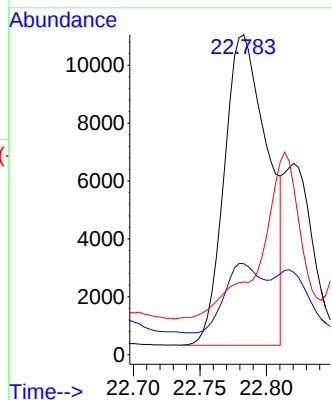




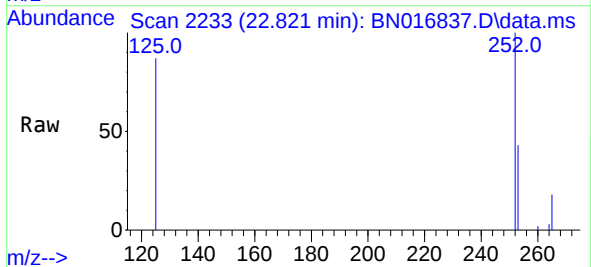
#37
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.783 min Scan# 2222
Delta R.T. 0.004 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



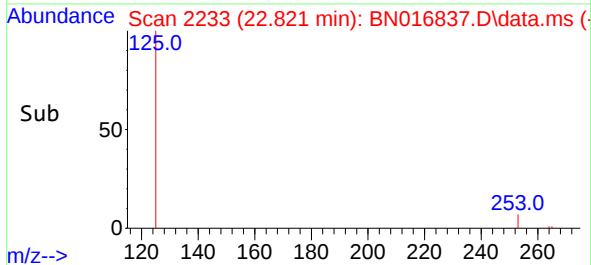
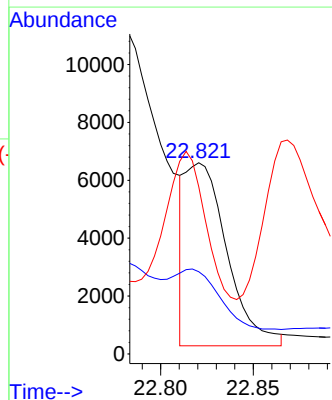
Tgt Ion:252 Resp: 24278
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.8#
125 22.7 8.3 12.5#



#38
Benzo(k)fluoranthene
Concen: 0.028 ng m
RT: 22.821 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32



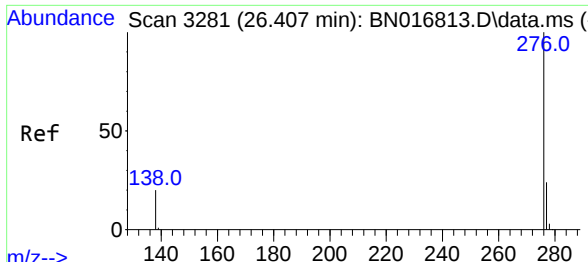
Tgt Ion:252 Resp: 9920
Ion Ratio Lower Upper
252 100
253 43.0 17.8 26.8#
125 87.4 8.5 12.7#



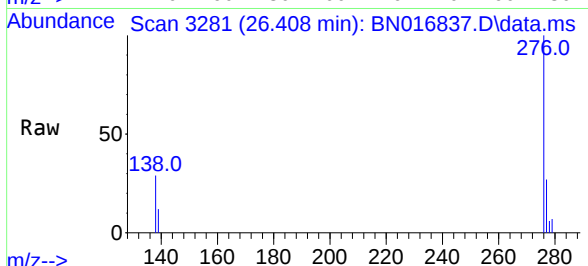
Instrument :
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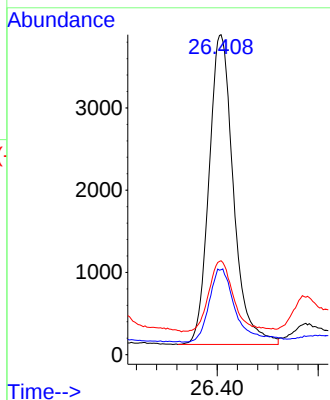
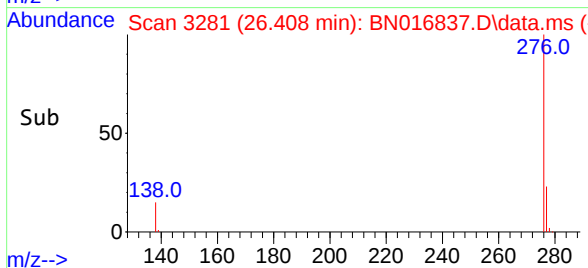
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#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.408 min Scan# 3281
Delta R.T. 0.000 min
Lab File: BN016837.D
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Tgt Ion: 276 Resp: 12638
Ion Ratio Lower Upper
276 100
277 26.5 19.0 28.4
138 29.3 17.0 25.6#



Instrument :
BNA_N
ClientSampleId :
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