

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016683.D
 Acq On : 02 Oct 2021 22:33
 Operator : CG/JU
 Sample : M3892-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-825-N-SO-1-1.5-092221

Manual Integrations
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Quant Time: Oct 04 03:35:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31366	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	142266	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78881	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	153963	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	155667	0.40	ng	#-0.01
35) Perylene-d12	23.485	264	163583	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	20804	0.26	ng	0.02
5) Phenol-d6	6.831	99	21281	0.24	ng	0.00
8) Nitrobenzene-d5	8.784	82	22342	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	55045	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10787	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	67173	0.21	ng	-0.01
27) Fluoranthene-d10	19.063	212	92998	0.23	ng	0.00
31) Terphenyl-d14	19.679	244	67395	0.20	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.066	178	16064m	0.03	ng	
26) Anthracene	17.151	178	8042	0.02	ng	# 56
28) Fluoranthene	19.093	202	52420	0.10	ng	98
30) Pyrene	19.455	202	43999	0.09	ng	# 96
32) Benzo(a)anthracene	21.217	228	35414	0.07	ng	97
33) Chrysene	21.270	228	37949	0.08	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	29475	0.15	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.764	276	27610	0.05	ng	# 85
37) Benzo(b)fluoranthene	22.807	252	51145	0.10	ng	# 87
38) Benzo(k)fluoranthene	22.848	252	30618m	0.06	ng	
39) Benzo(a)pyrene	23.385	252	29865	0.06	ng	# 79
40) Dibenzo(a,h)anthracene	25.785	278	13152	0.03	ng	# 49
41) Benzo(g,h,i)perylene	26.459	276	22646	0.04	ng	# 87

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

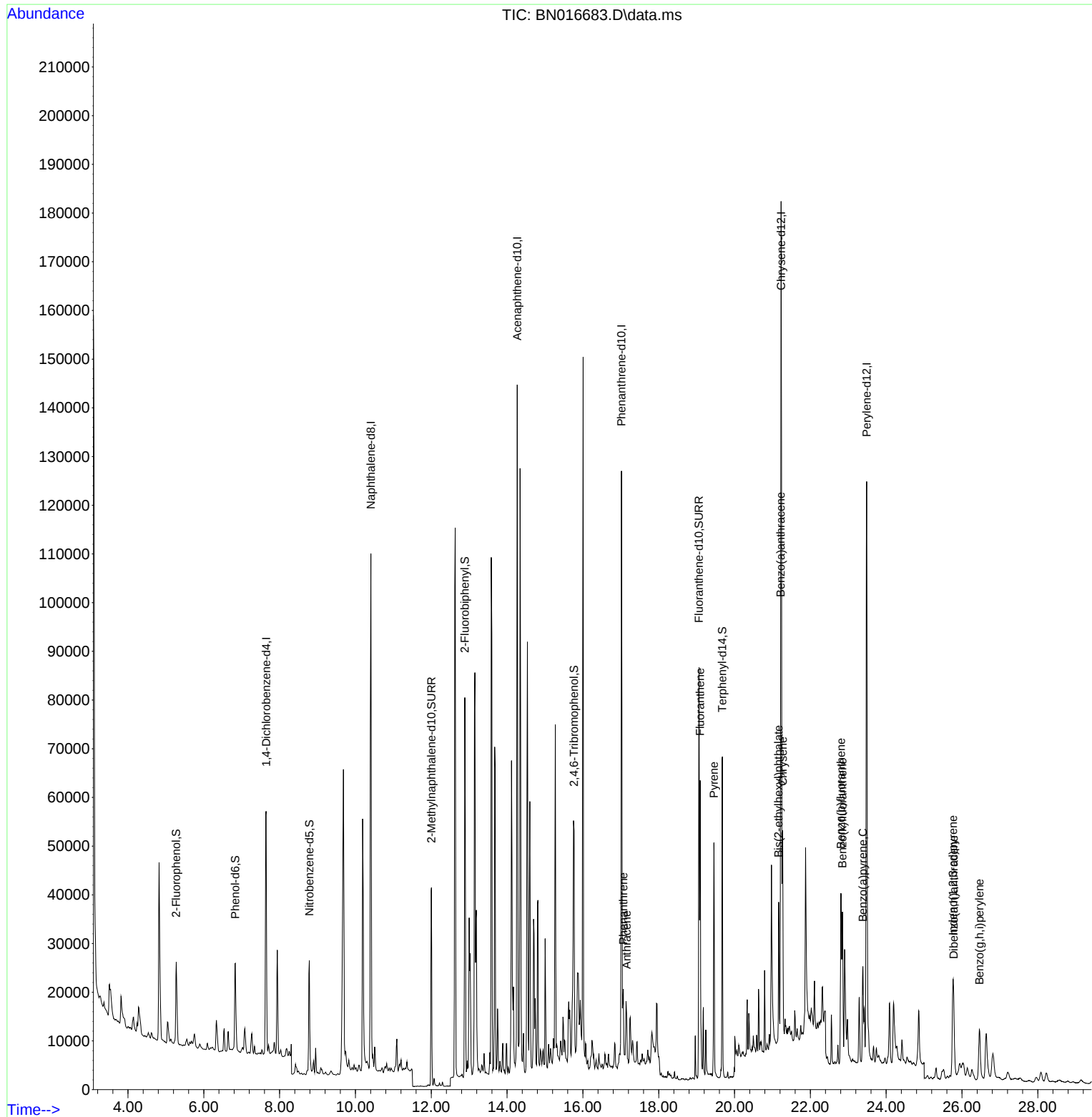
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Data File : BN016683.D
Acq On : 02 Oct 2021 22:33
Operator : CG/JU
Sample : M3892-12
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ALS Vial : 51 Sample Multiplier: 1

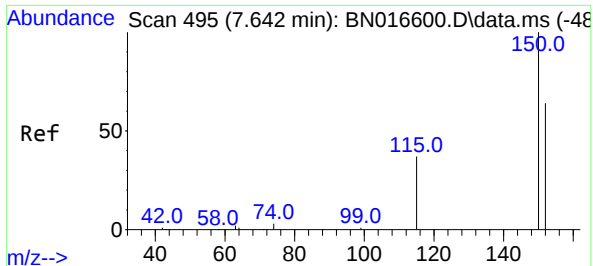
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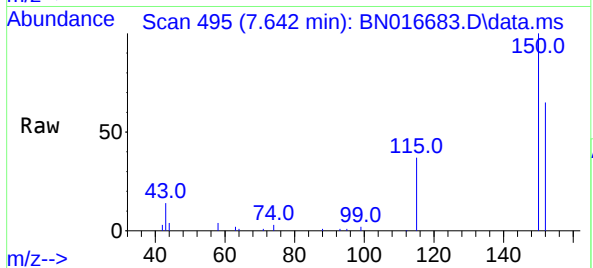
Quant Time: Oct 04 03:35:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

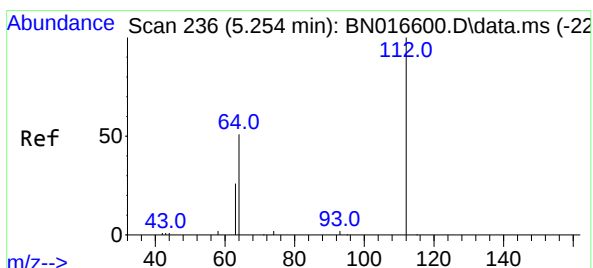
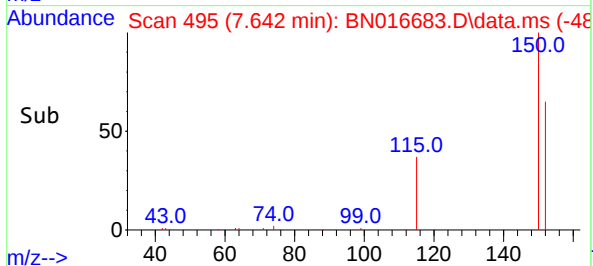
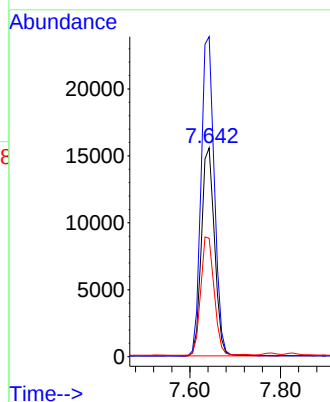
Instrument :
BNA_N
ClientSampleId :
S-825-N-SO-1-1.5-092221



Tgt Ion:152 Resp: 31366
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.7 46.5 69.7

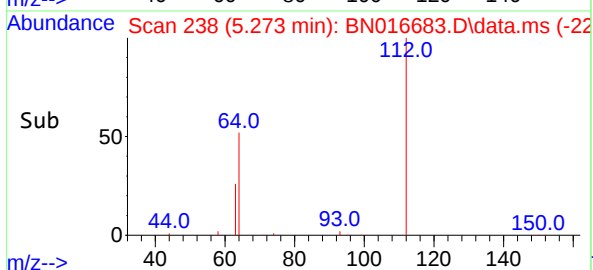
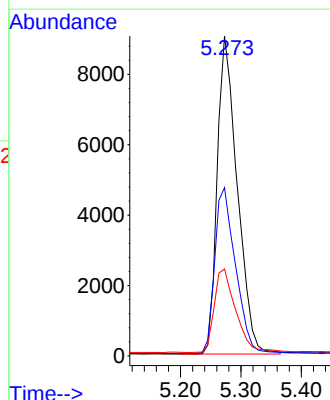
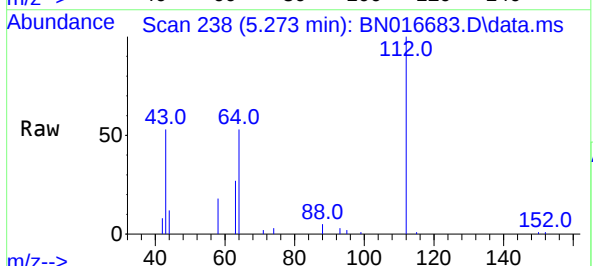
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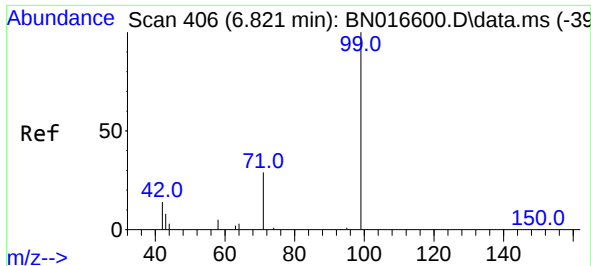
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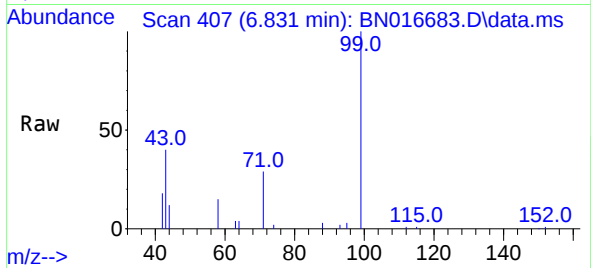
#4
2-Fluorophenol
Concen: 0.26 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:112 Resp: 20804
Ion Ratio Lower Upper
112 100
64 54.0 43.1 64.7
63 28.1 21.6 32.4

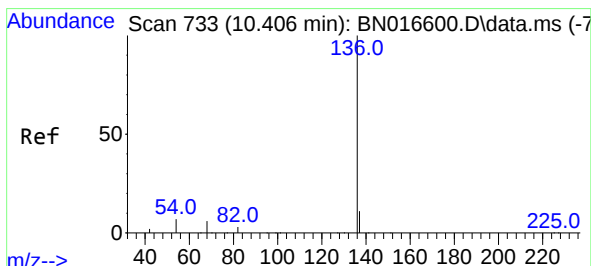
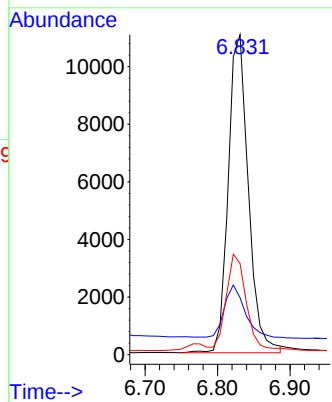
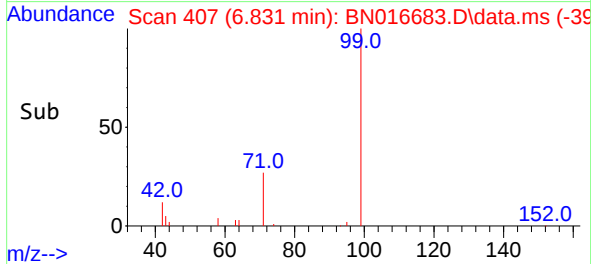




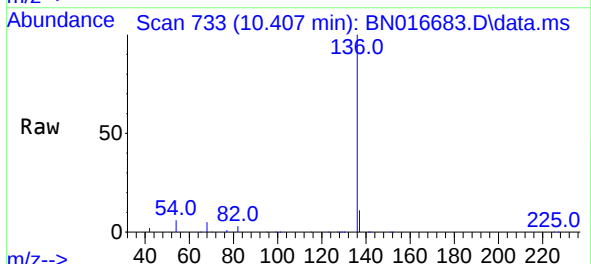
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Phenol-d6
Concen: 0.24 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



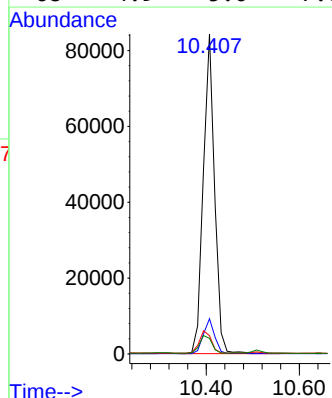
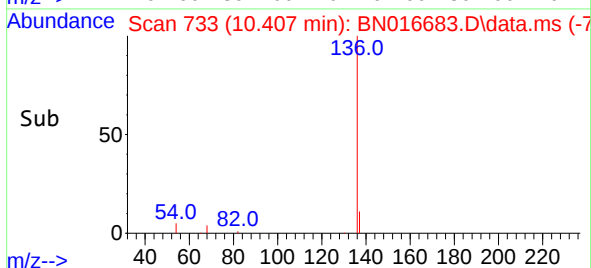
Tgt Ion: 99 Resp: 21281
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 28.4 23.5 35.3



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



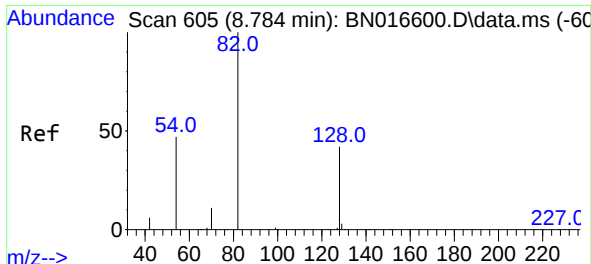
Tgt Ion: 136 Resp: 142266
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.7 5.9 8.9#
68 4.9 5.0 7.6#



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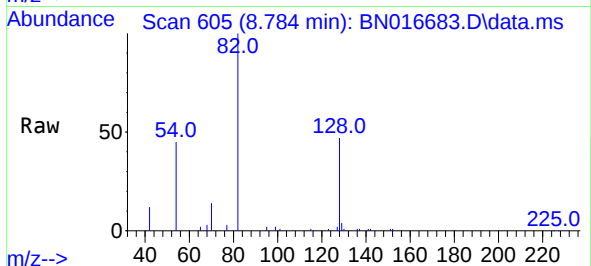
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#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

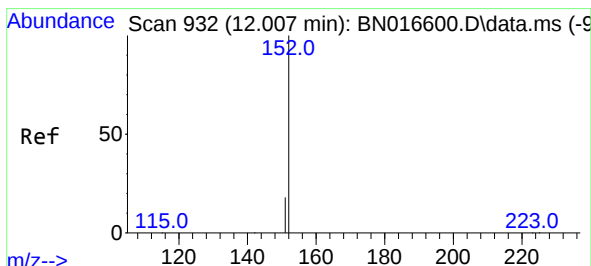
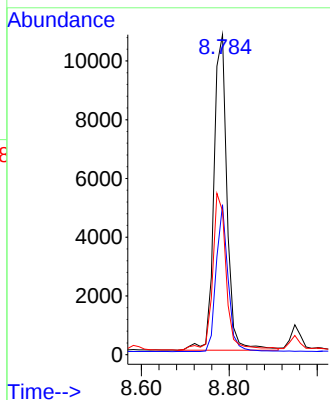
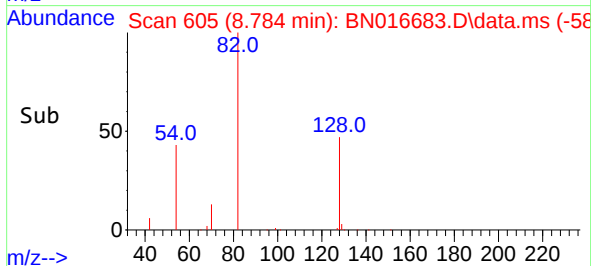
Instrument :
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ClientSampleId :
S-825-N-SO-1-1.5-092221



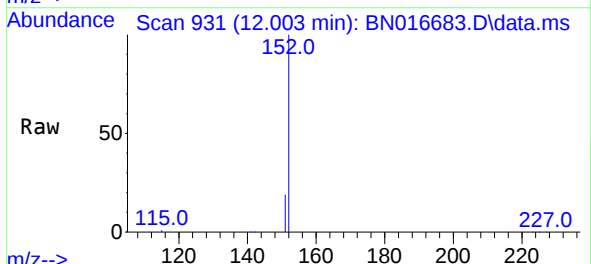
Tgt Ion: 82 Resp: 22342
Ion Ratio Lower Upper
82 100
128 46.9 33.6 50.4
54 44.9 37.6 56.4

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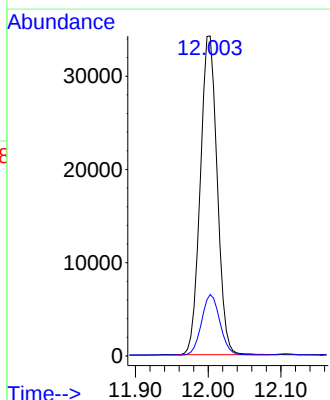
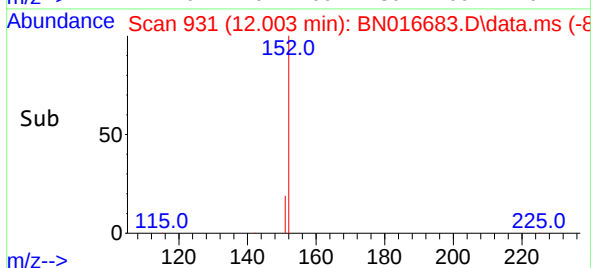
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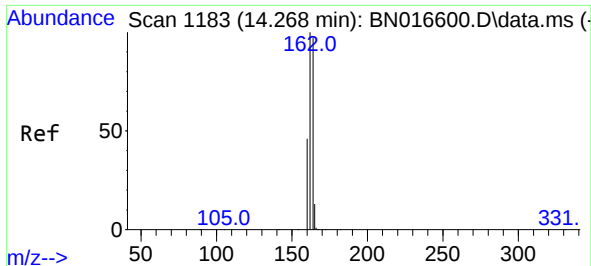


#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



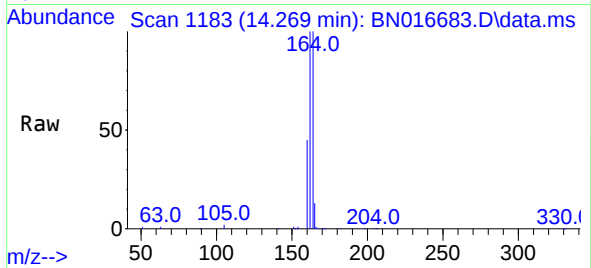
Tgt Ion: 152 Resp: 55045
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

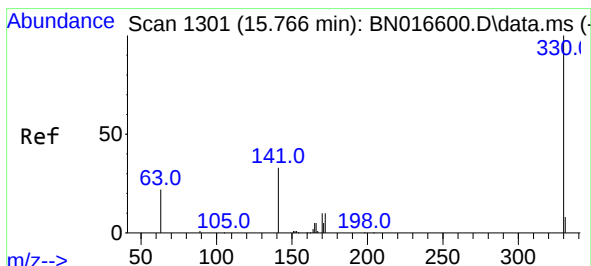
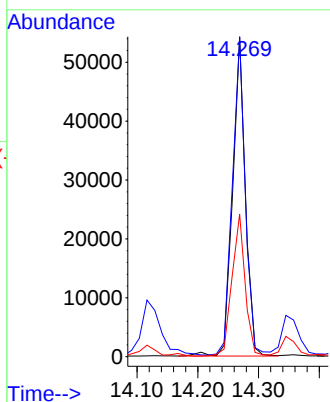
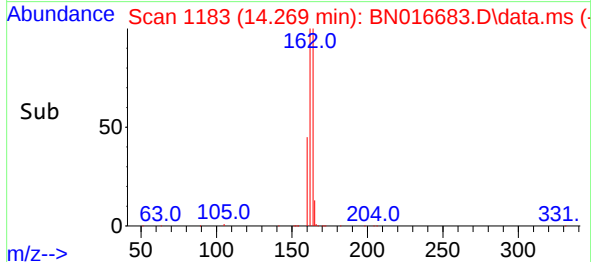
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ClientSampleId :
S-825-N-SO-1-1.5-092221



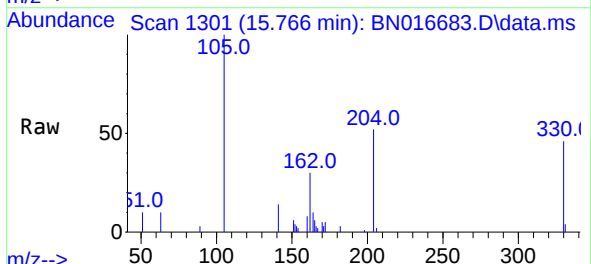
Tgt Ion:164 Resp: 78881
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.2
160 44.7 37.7 56.5

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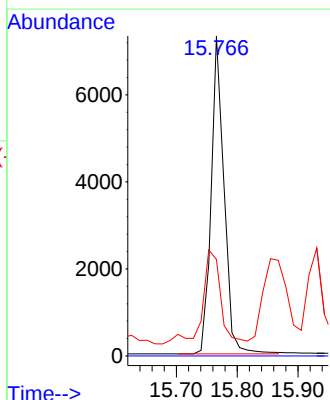
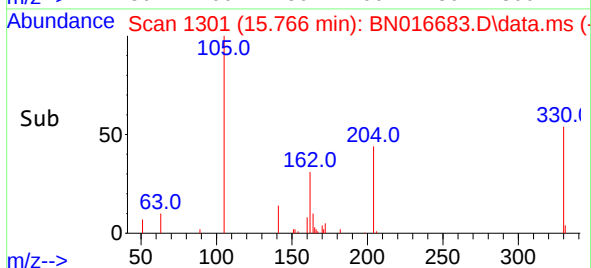
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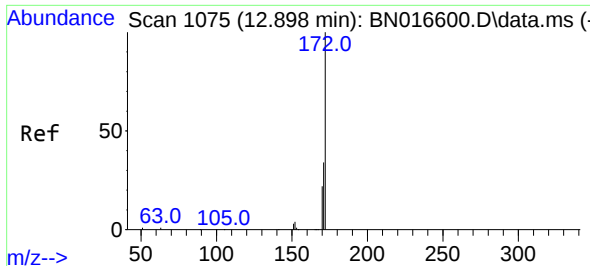


#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



Tgt Ion:330 Resp: 10787
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 25.2 37.8





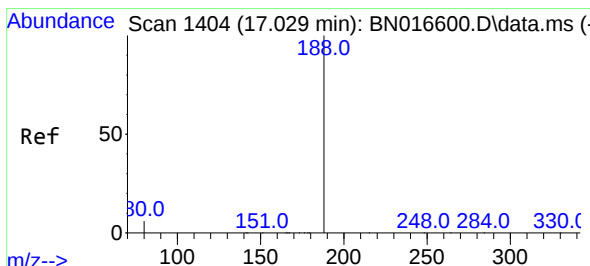
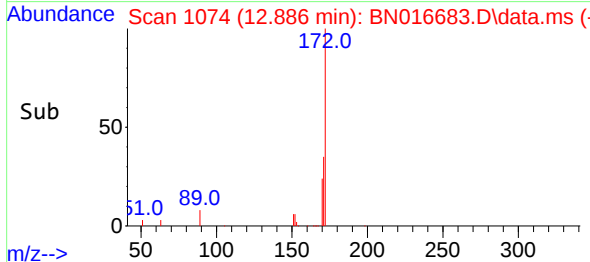
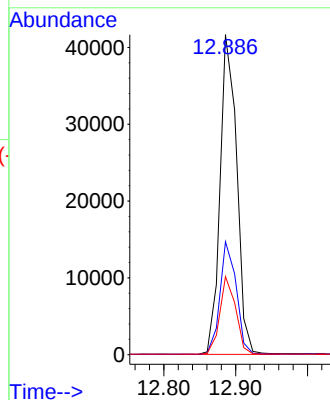
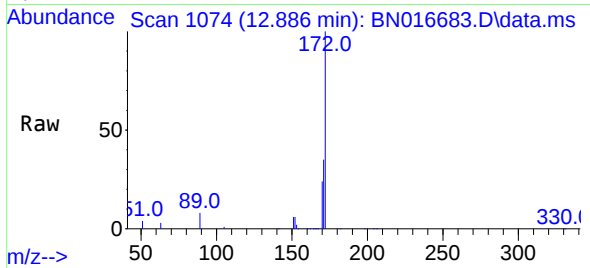
#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:	172	Resp:	67173
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.0	40.4
170	24.4	17.4	26.2

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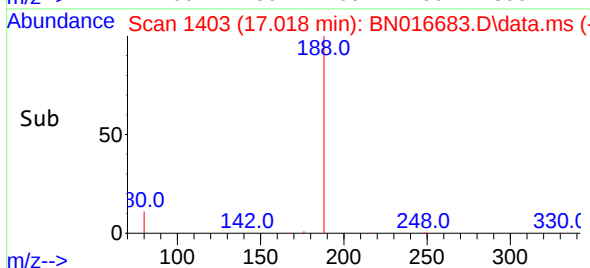
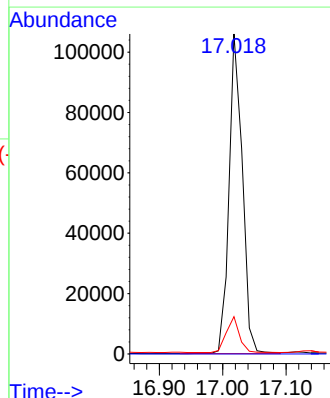
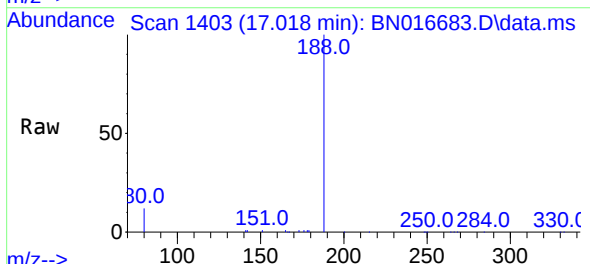
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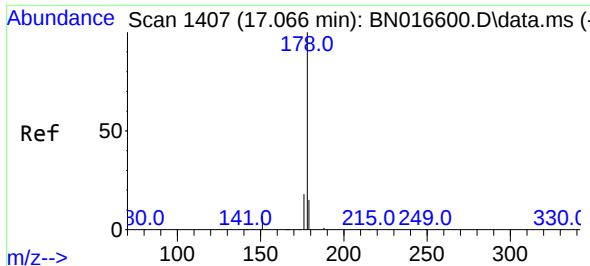
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#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

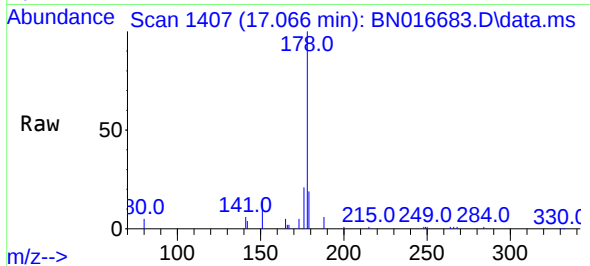
Tgt Ion:	188	Resp:	153963
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	5.0	7.6#





#25
Phenanthrene
Concen: 0.03 ng m
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

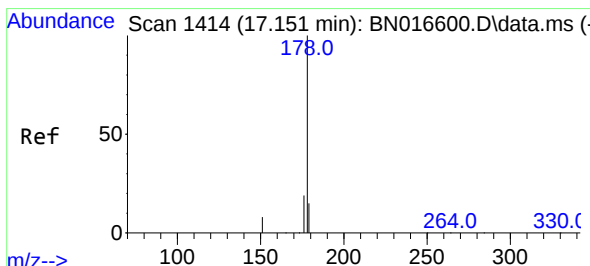
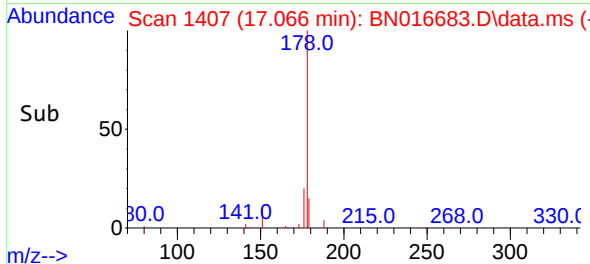
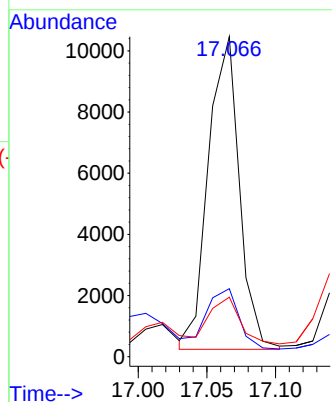
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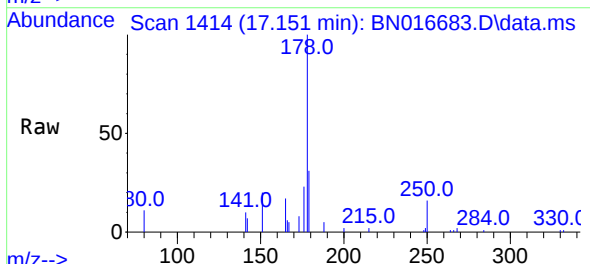
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Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.4
179 14.3 12.2 18.4

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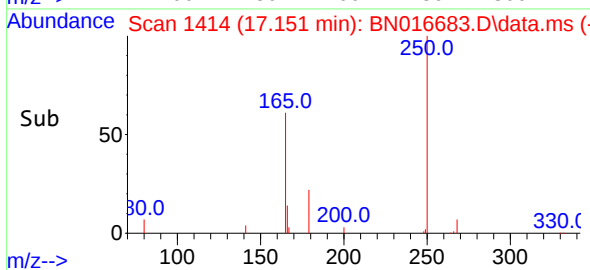
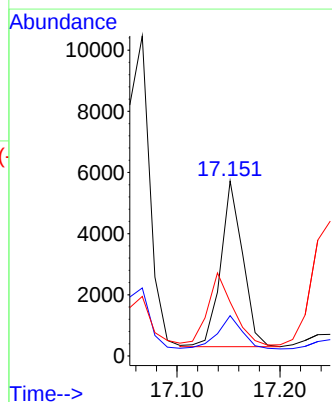
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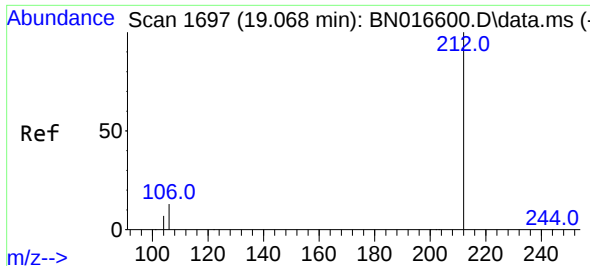


#26
Anthracene
Concen: 0.02 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



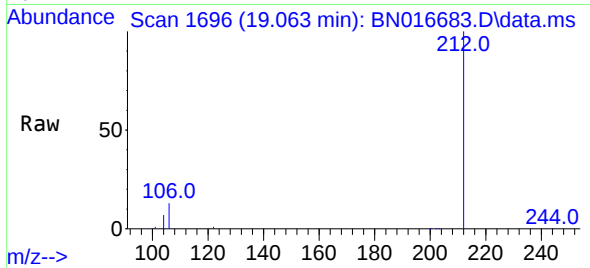
Tgt Ion:178 Resp: 8042
Ion Ratio Lower Upper
178 100
176 22.8 14.6 21.8#
179 50.0 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

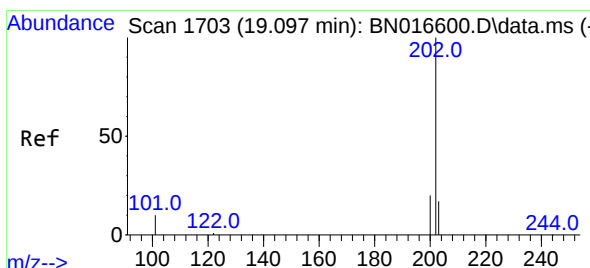
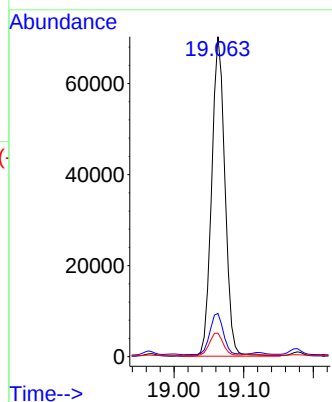
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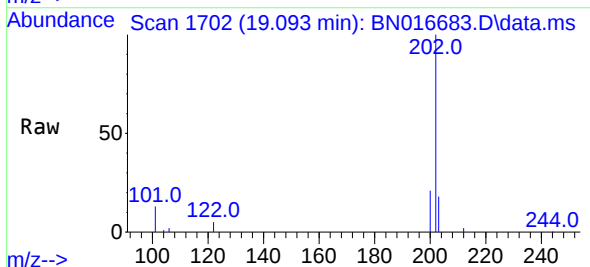
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Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.3 5.9 8.9

Manual Integrations
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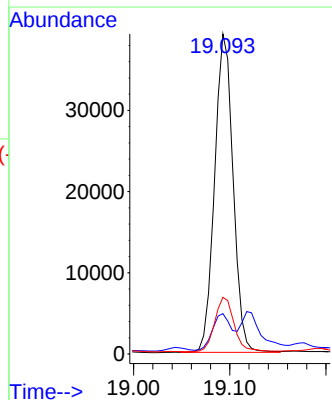
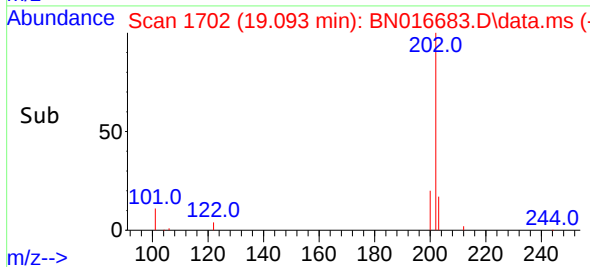
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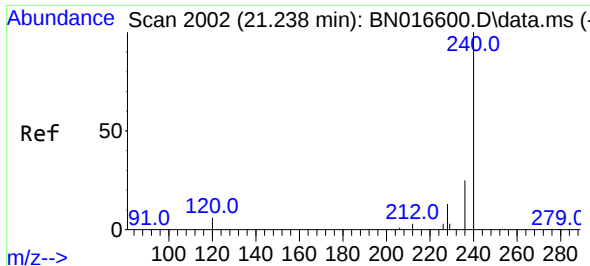


#28
Fluoranthene
Concen: 0.10 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
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Tgt Ion:202 Resp: 52420
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
203 17.9 13.8 20.6





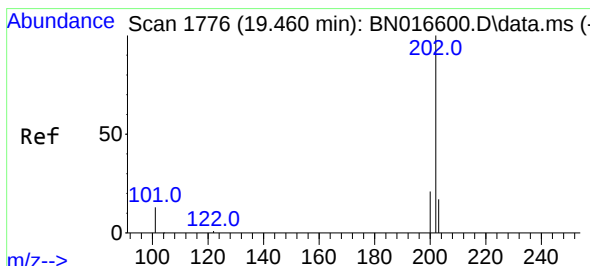
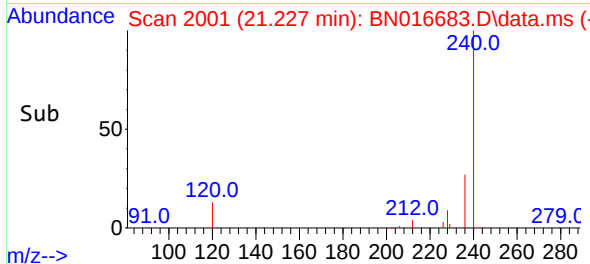
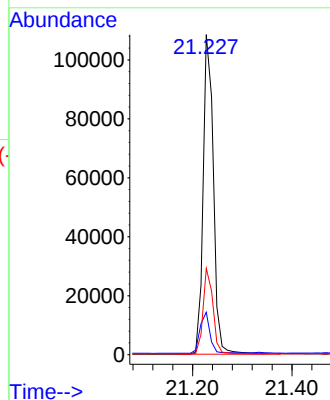
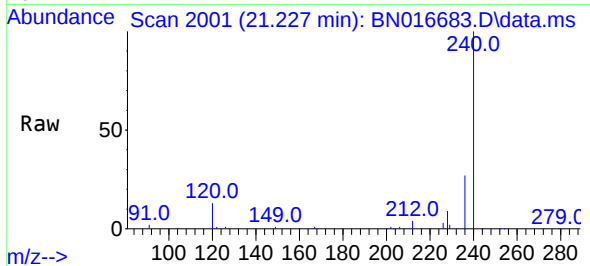
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:240 Resp: 155667
Ion Ratio Lower Upper
240 100
120 13.2 5.0 7.4#
236 27.0 20.4 30.6

Instrument :
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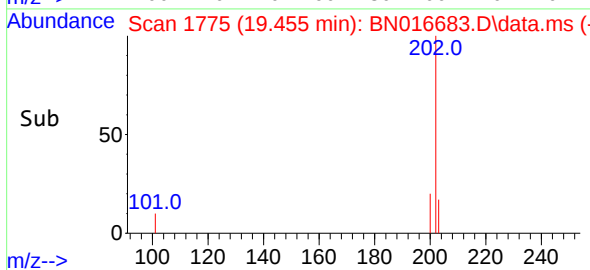
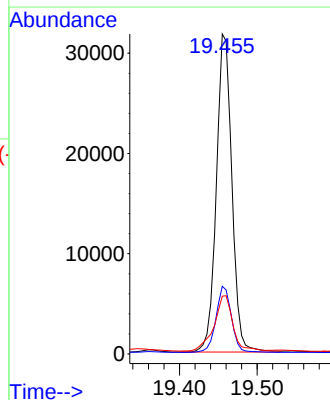
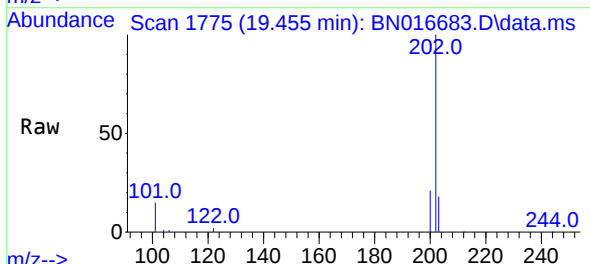
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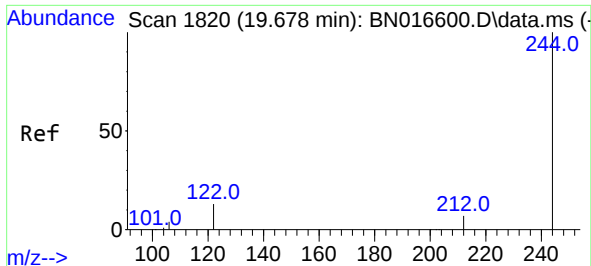
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#30
Pyrene
Concen: 0.09 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN016683.D
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Tgt Ion:202 Resp: 43999
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 21.1 14.0 21.0#





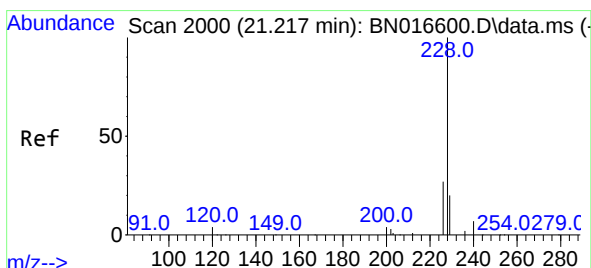
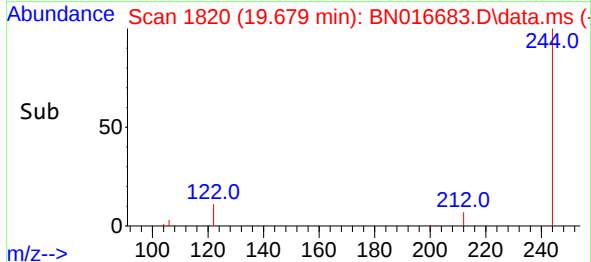
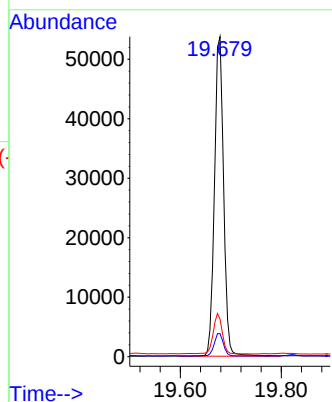
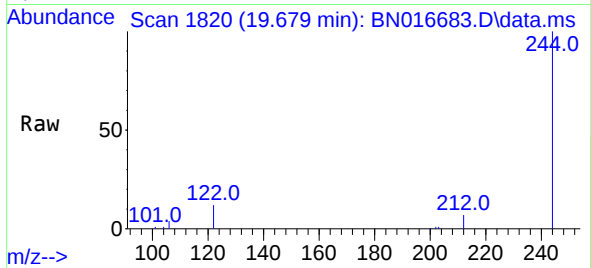
#31
Terphenyl-d14
Concen: 0.20 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016683.D
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Tgt Ion:244 Resp: 67395
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.8 10.1 15.1

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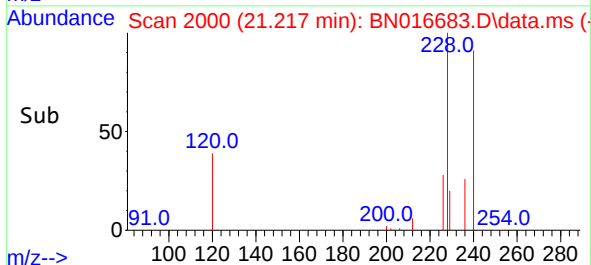
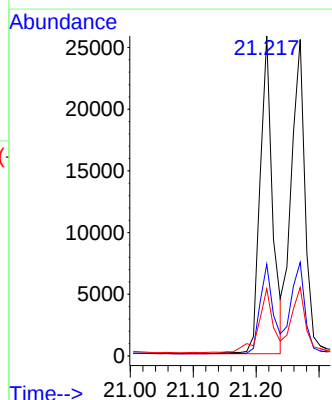
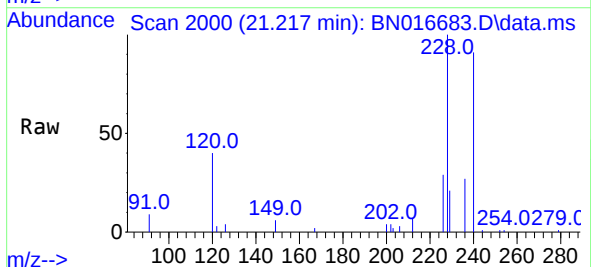
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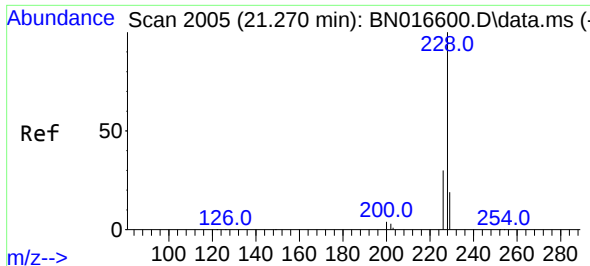
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#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

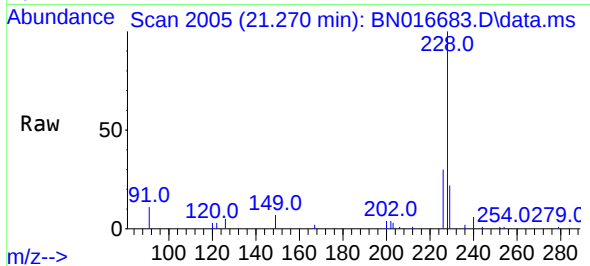
Tgt Ion:228 Resp: 35414
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 21.0 15.7 23.5





#33
Chrysene
Concen: 0.08 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

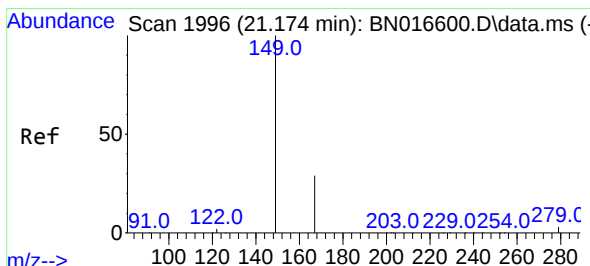
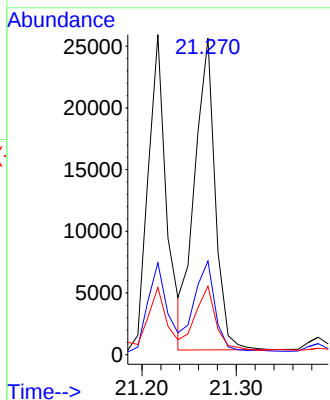
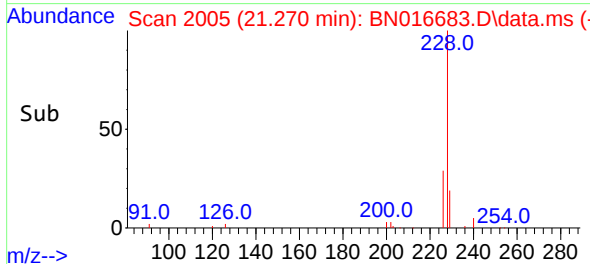
Instrument :
BNA_N
ClientSampleId :
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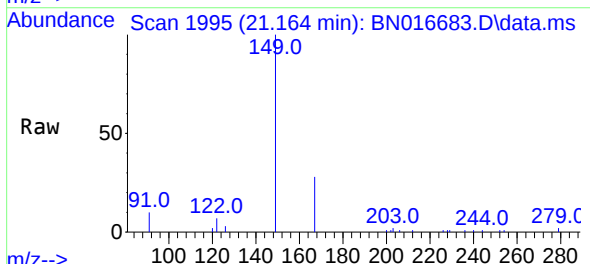
Tgt Ion:228 Resp: 37949
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.6 15.5 23.3

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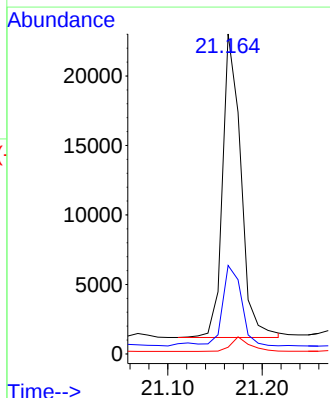
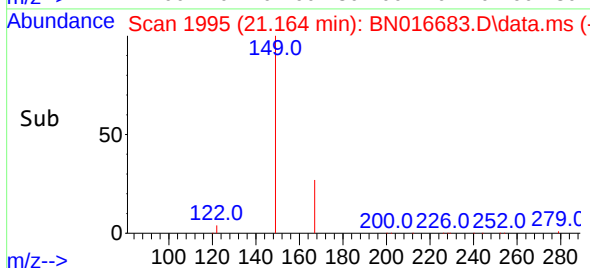
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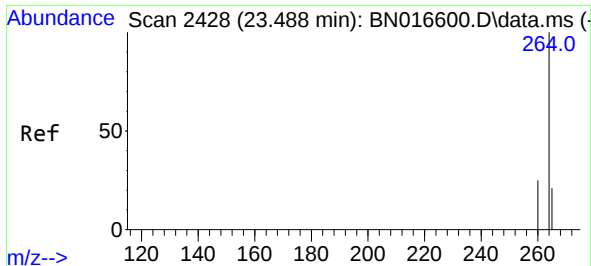


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016683.D
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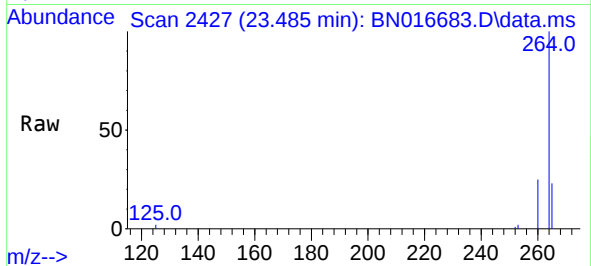
Tgt Ion:149 Resp: 29475
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 4.9 3.2 4.8#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

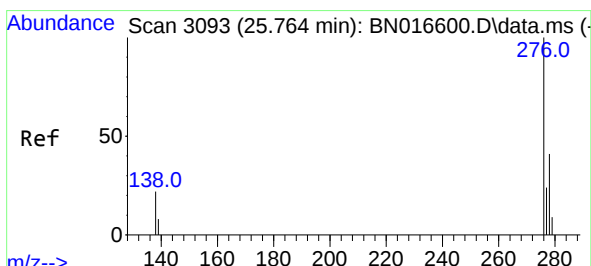
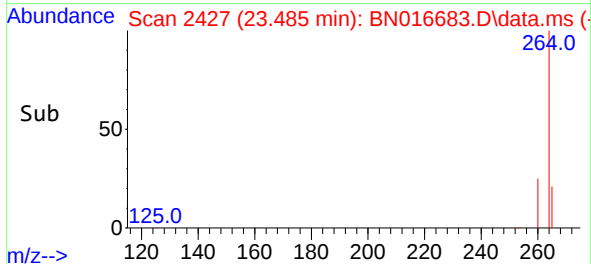
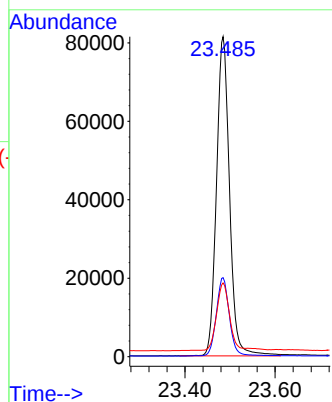
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 163583
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 23.1 19.2 28.8

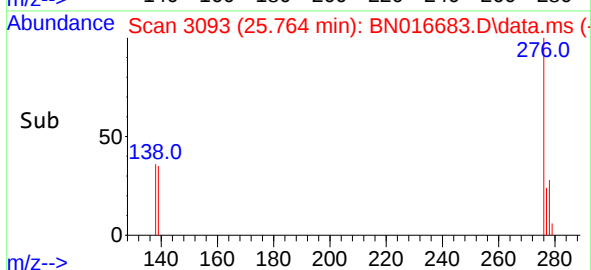
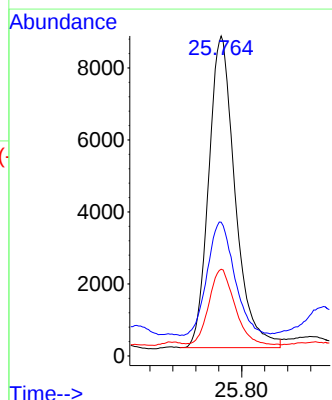
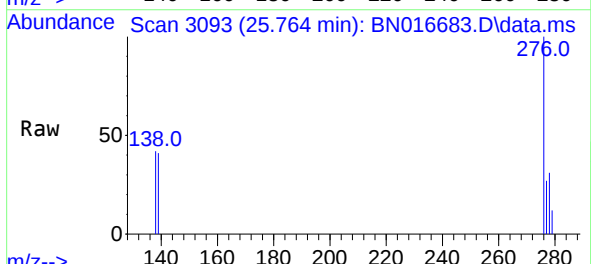
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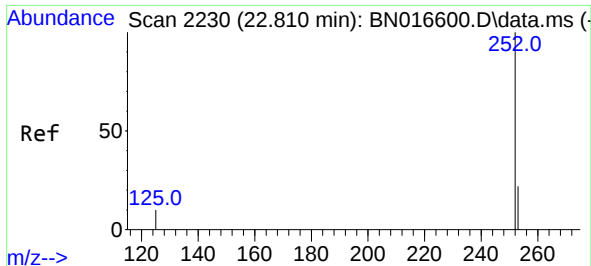
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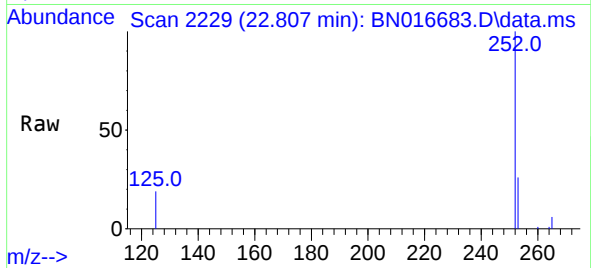
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion:276 Resp: 27610
Ion Ratio Lower Upper
276 100
138 37.9 19.5 29.3#
277 23.3 19.9 29.9

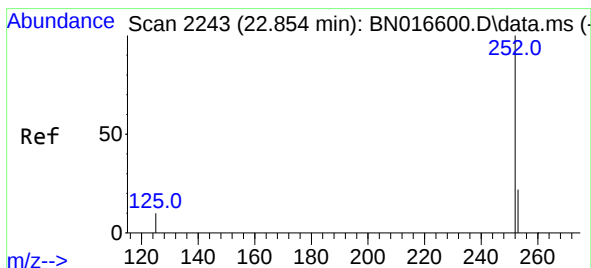
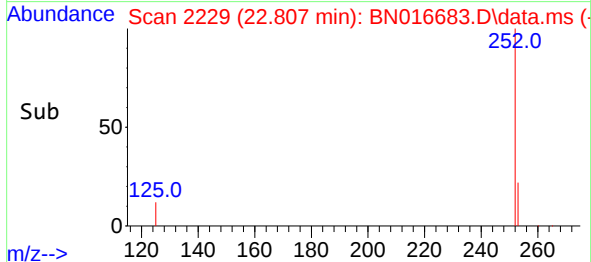
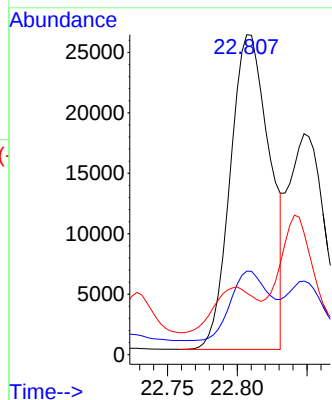




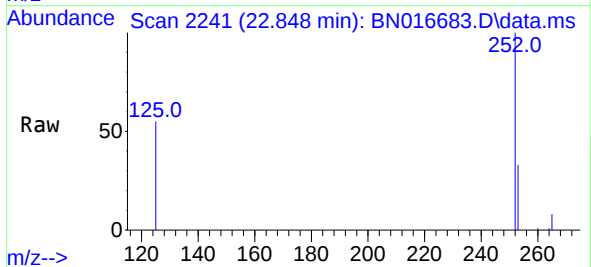
#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



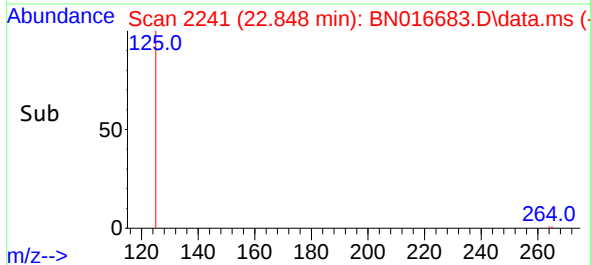
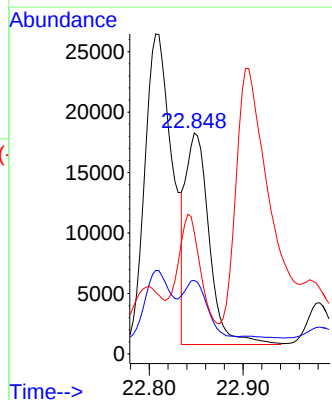
Tgt Ion:252 Resp: 51145
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 19.2 8.0 12.0#



#38
Benzo(k)fluoranthene
Concen: 0.06 ng m
RT: 22.848 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



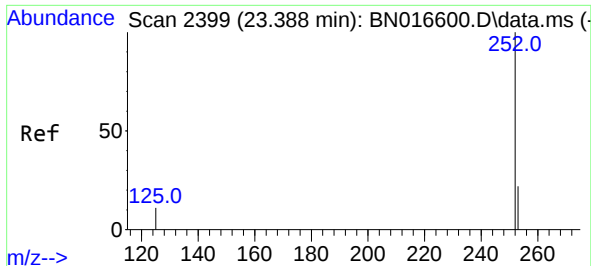
Tgt Ion:252 Resp: 30618
Ion Ratio Lower Upper
252 100
253 33.3 17.8 26.6#
125 55.1 8.0 12.0#



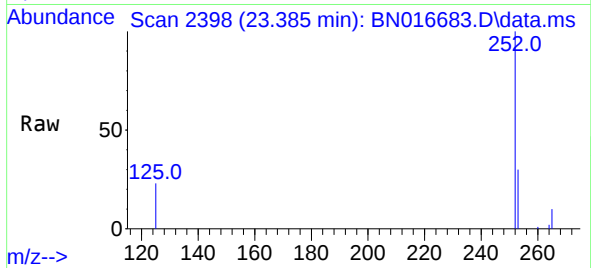
Instrument :
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ClientSampleId :
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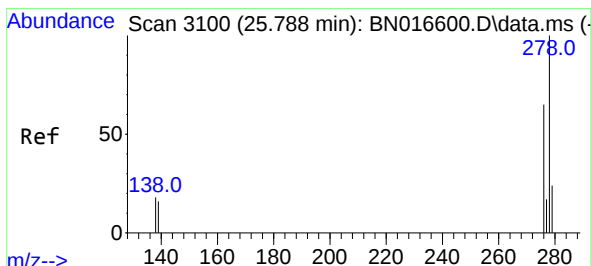
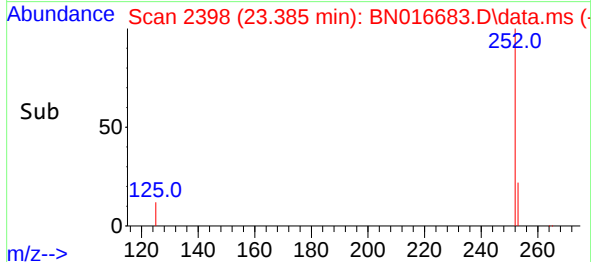
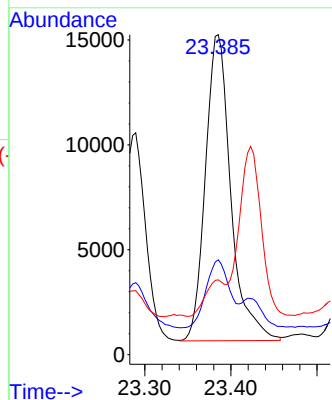
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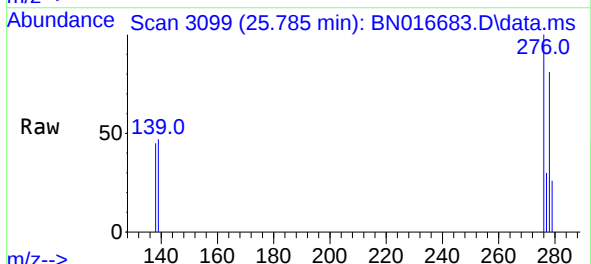
#39
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



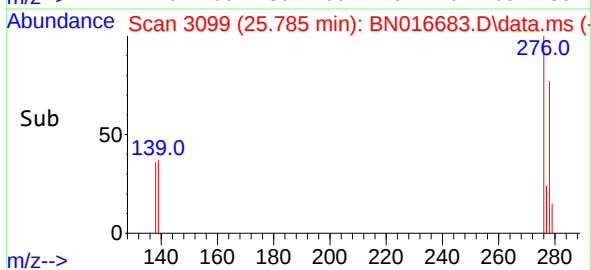
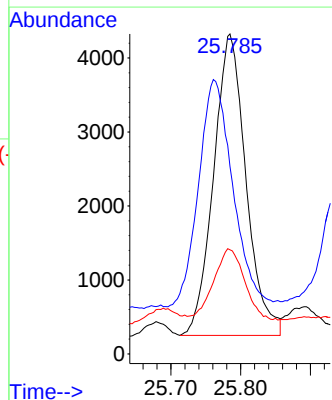
Tgt Ion:252 Resp: 29865
Ion Ratio Lower Upper
252 100
253 29.6 17.8 26.8#
125 23.4 9.0 13.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.785 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33



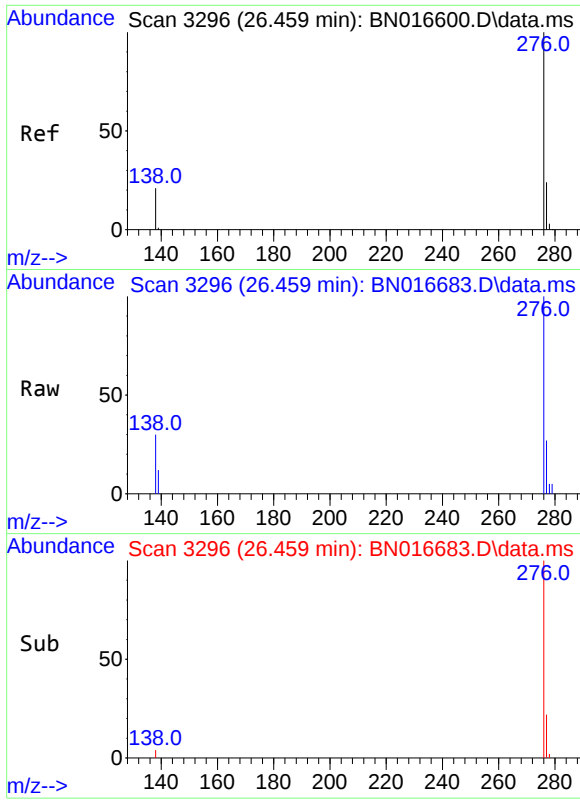
Tgt Ion:278 Resp: 13152
Ion Ratio Lower Upper
278 100
139 58.6 13.1 19.7#
279 32.6 19.1 28.7#



Instrument :
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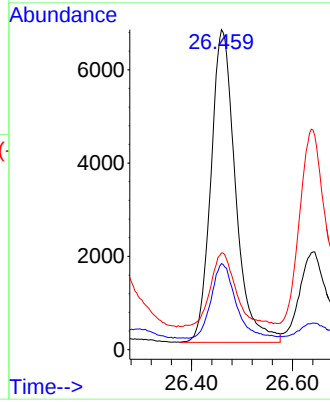
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#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016683.D
Acq: 02 Oct 2021 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.0	28.6
138	30.2	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
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