

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018276.D
 Acq On : 30 Dec 2021 01:26
 Operator : CG/JU
 Sample : M5107-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-04

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 03:04:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							12/30/2021
1) 1,4-Dichlorobenzene-d4	7.642	152	23199	0.400	ng	0.00	Supervised By :mohammad ahmed
7) Naphthalene-d8	10.419	136	98769	0.400	ng	0.00	
13) Acenaphthene-d10	14.269	164	67462	0.400	ng	0.00	
19) Phenanthrene-d10	17.005	188	116388	0.400	ng	# 0.00	
29) Chrysene-d12	21.227	240	58660	0.400	ng	# 0.03	
35) Perylene-d12	23.491	264	49515	0.400	ng	# 0.07	12/30/2021
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	87	0.002	ng	0.04	
5) Phenol-d6	6.840	99	435	0.010	ng	0.00	
8) Nitrobenzene-d5	8.784	82	23077m	0.452	ng	0.00	
11) 2-Methylnaphthalene-d10	12.007	152	52069	0.313	ng	0.00	
14) 2,4,6-Tribromophenol	15.791	330	190	0.310	ng	0.03	
15) 2-Fluorobiphenyl	12.886	172	80216	0.314	ng	-0.01	
27) Fluoranthene-d10	19.043	212	71131	0.192	ng	0.00	
31) Terphenyl-d14	19.659	244	51136	0.343	ng	0.00	
Target Compounds							Qvalue
9) Naphthalene	10.470	128	25249	0.103	ng		96
12) 2-Methylnaphthalene	12.083	142	15573	0.099	ng		97
25) Phenanthrene	17.042	178	118974m	0.388	ng		
26) Anthracene	17.139	178	10998	0.082	ng	#	77
28) Fluoranthene	19.073	202	106470	0.296	ng	#	89
30) Pyrene	19.440	202	89162	0.388	ng	#	69
32) Benzo(a)anthracene	21.217	228	21195m	0.168	ng		
33) Chrysene	21.259	228	35334m	0.187	ng		
34) Bis(2-ethylhexyl)phtha...	21.164	149	3654124	49.905	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.754	276	12869	0.109	ng	#	71
37) Benzo(b)fluoranthene	22.827	252	48654m	0.309	ng		
38) Benzo(k)fluoranthene	22.868	252	23494m	0.158	ng		
39) Benzo(a)pyrene	23.399	252	18300	0.134	ng	#	1
40) Dibenzo(a,h)anthracene	25.764	278	5620	0.067	ng	#	1
41) Benzo(g,h,i)perylene	26.442	276	17986	0.152	ng	#	1

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

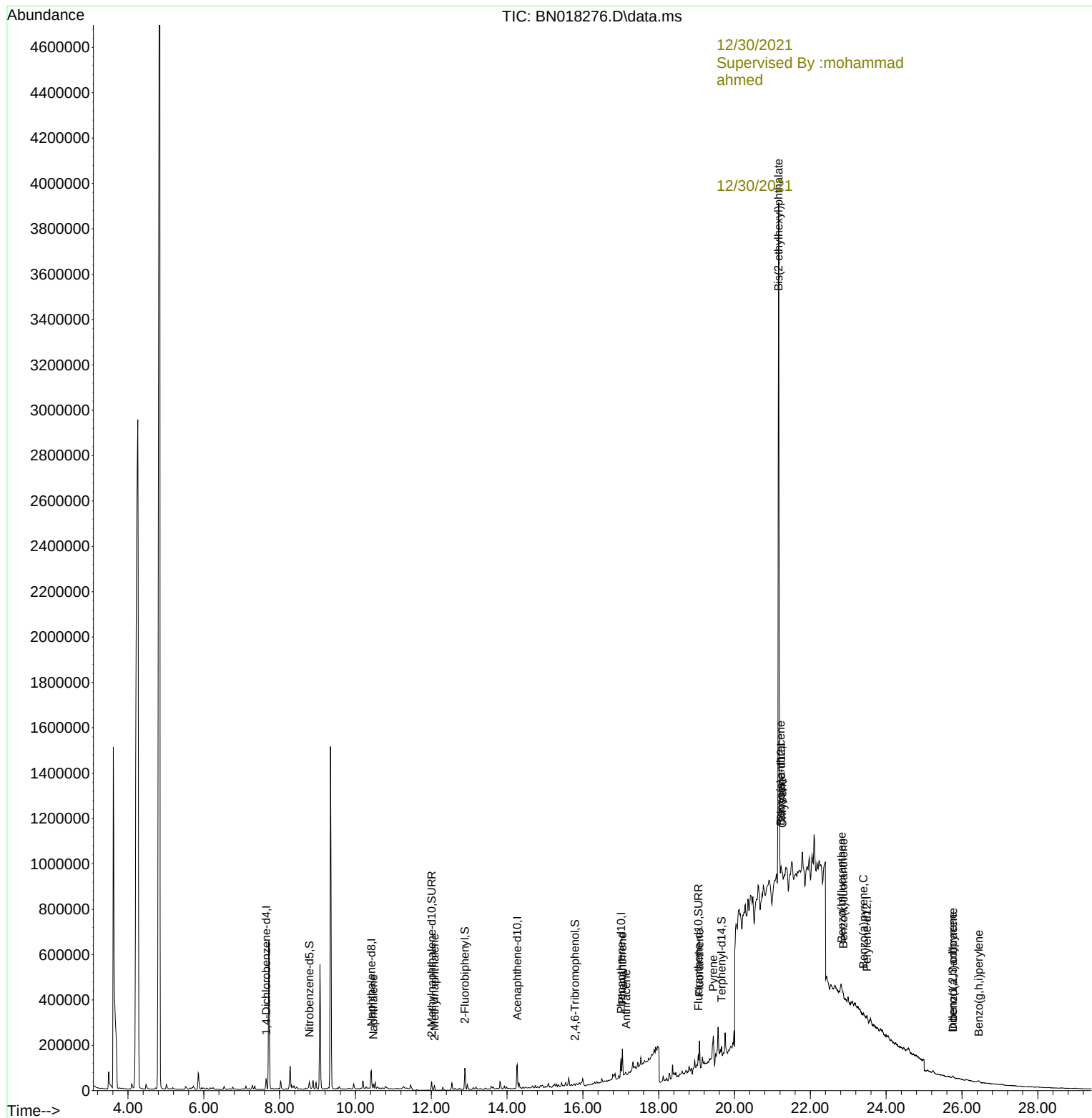
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018276.D
Acq On : 30 Dec 2021 01:26
Operator : CG/JU
Sample : M5107-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

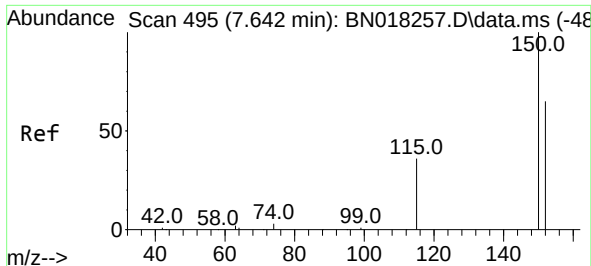
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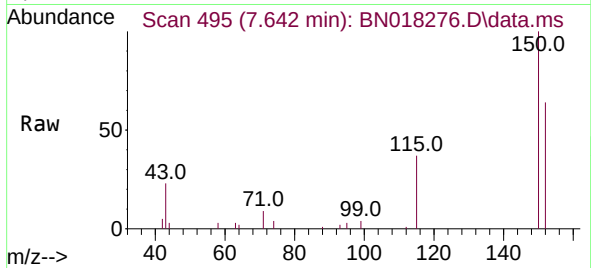
Quant Time: Dec 30 03:04:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

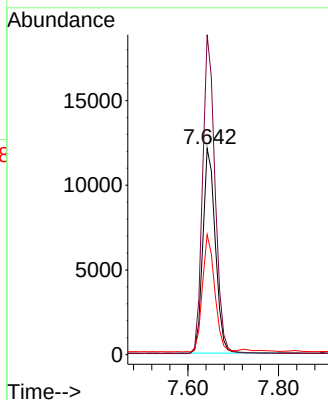
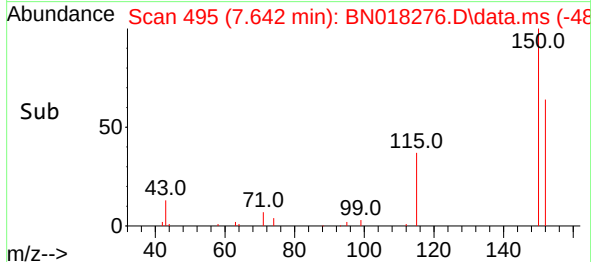
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:152 Resp: 2319
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 58.2 43.8 65.8

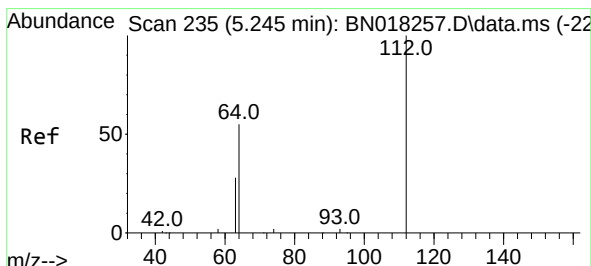
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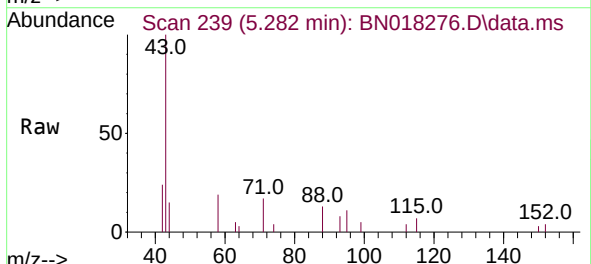


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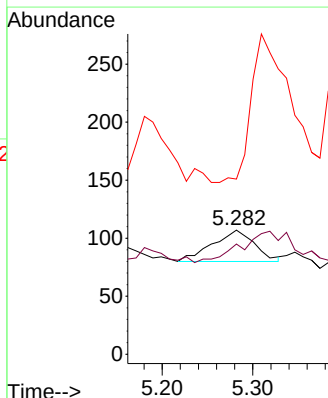
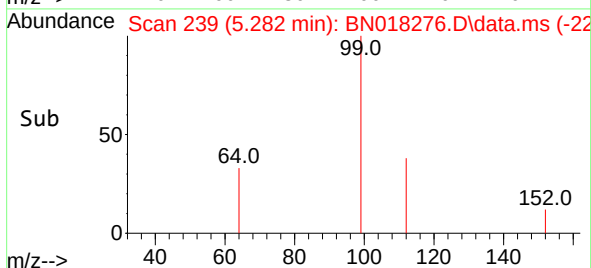
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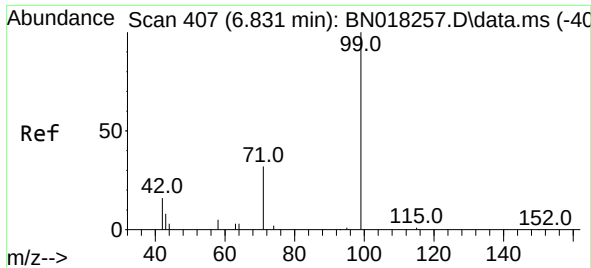


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.037 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26



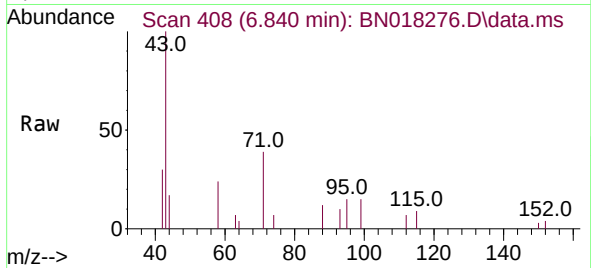
Tgt Ion:112 Resp: 87
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.010 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

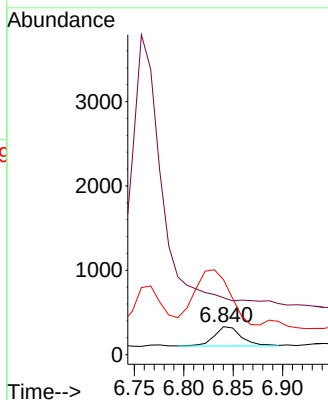
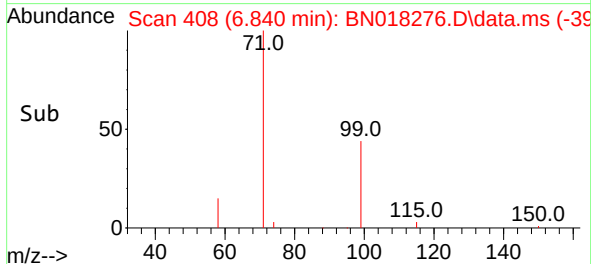
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 43
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 366.2 26.8 40.2

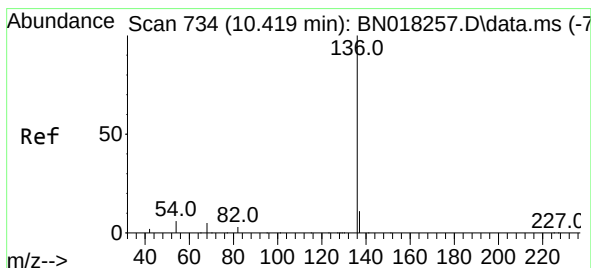
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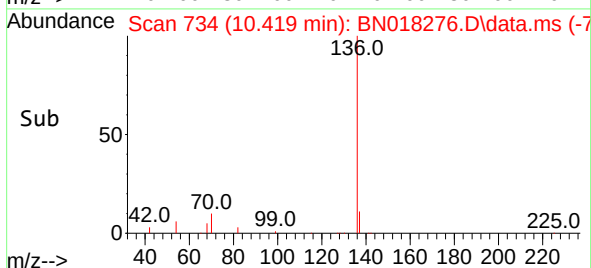
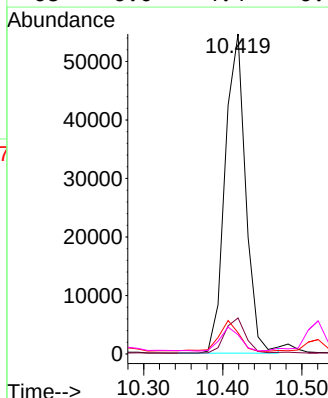
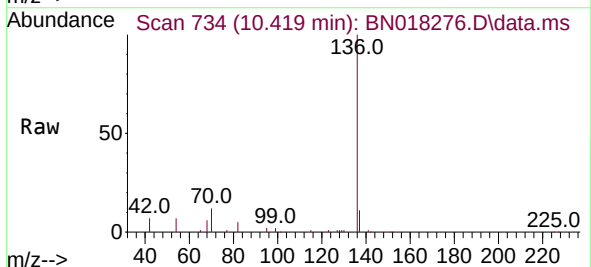
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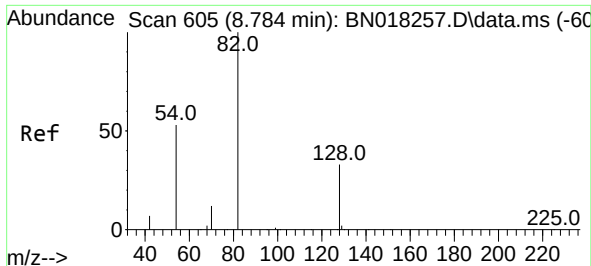
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:136 Resp: 98769
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.7 5.0 7.6
68 6.0 4.4 6.6





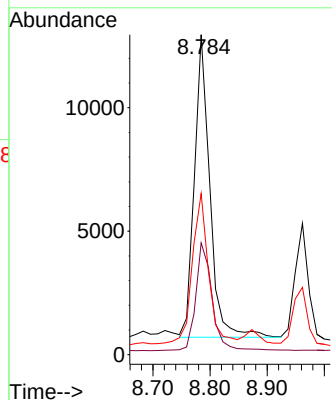
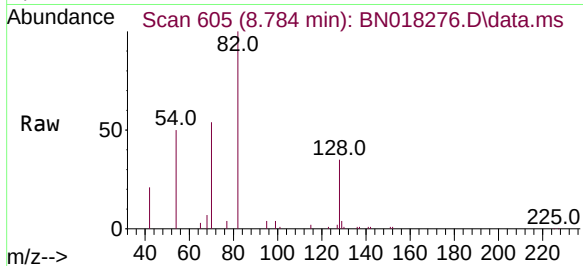
#8
Nitrobenzene-d5
Concen: 0.452 ng m
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-04

Tgt Ion: 82 Resp: 2307
Ion Ratio Lower Upper
82 100
128 35.0 33.7 50.5
54 50.3 36.6 55.0

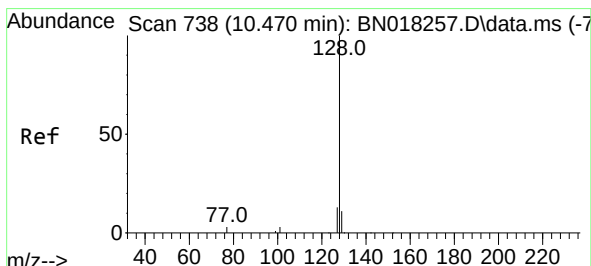
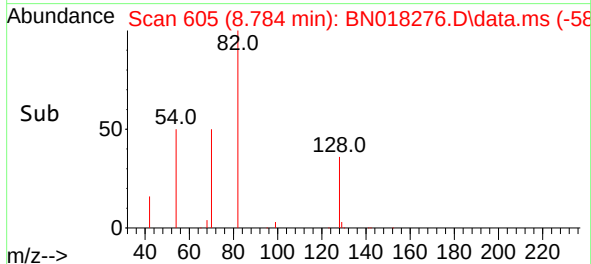
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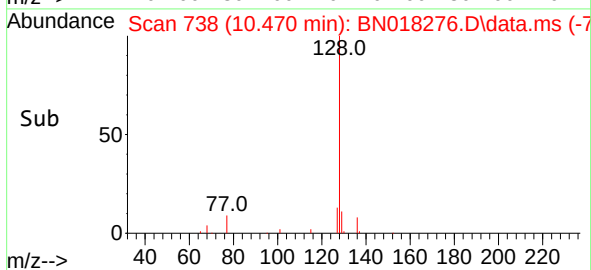
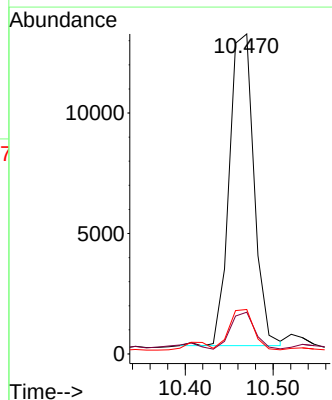
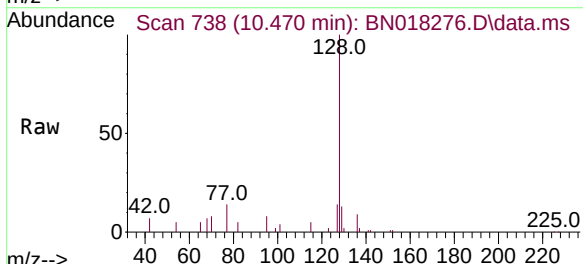
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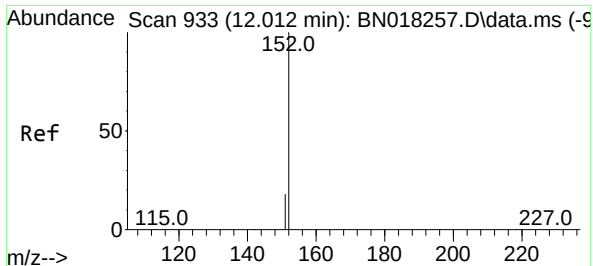
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#9
Naphthalene
Concen: 0.103 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:128 Resp: 25249
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1
127 13.9 10.4 15.6





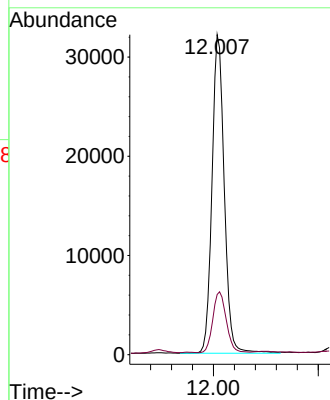
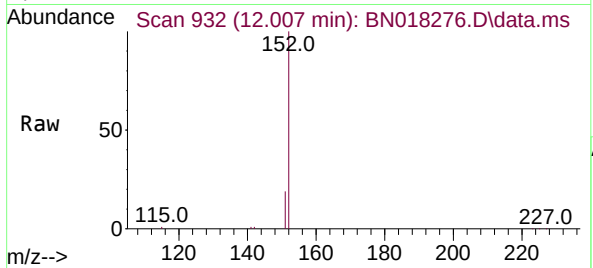
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.007 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :
OB-CS-04

Tgt Ion:152 Resp: 52069
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2

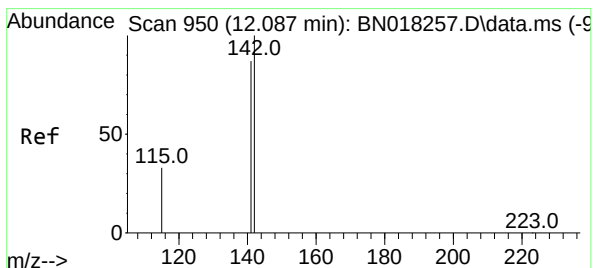
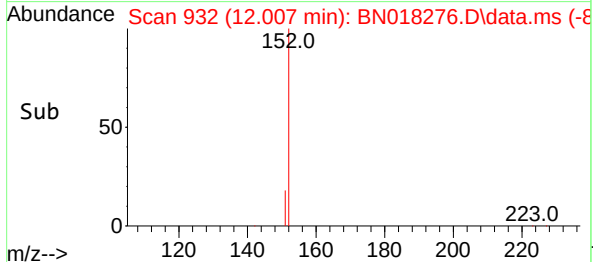
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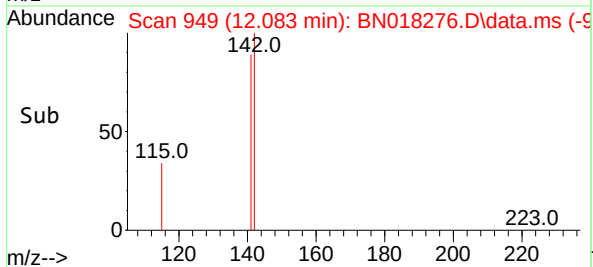
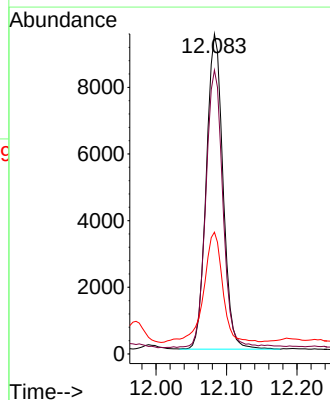
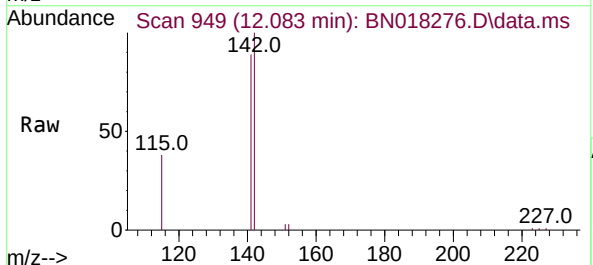
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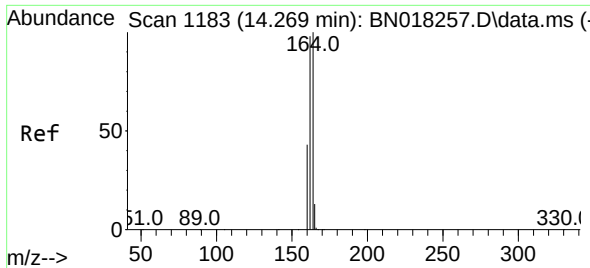
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#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

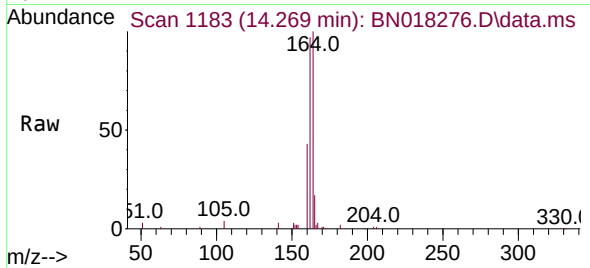
Tgt Ion:142 Resp: 15573
Ion Ratio Lower Upper
142 100
141 88.7 70.0 105.0
115 38.0 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

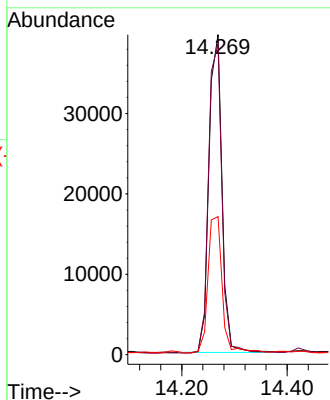
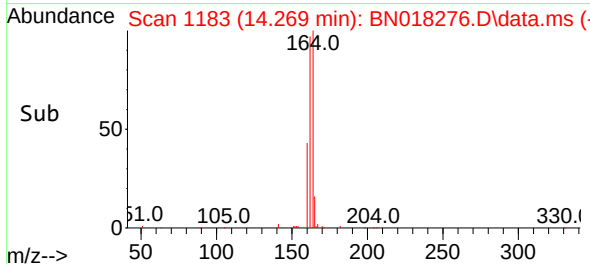
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:164 Resp: 67462
Ion Ratio Lower Upper
164 100
162 97.1 80.2 120.2
160 43.1 36.9 55.3

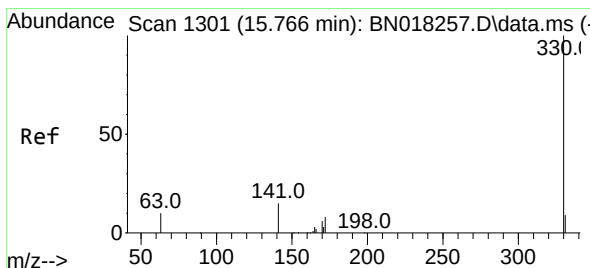
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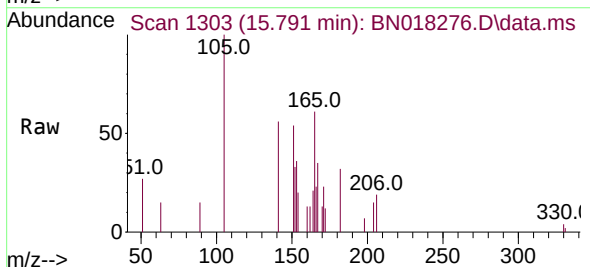


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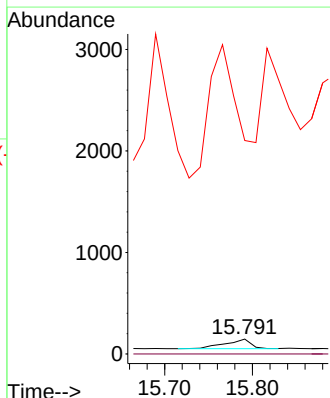
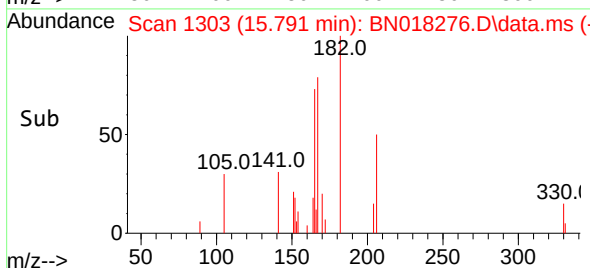
12/30/2021

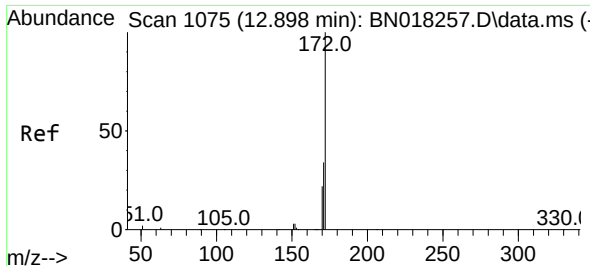


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26



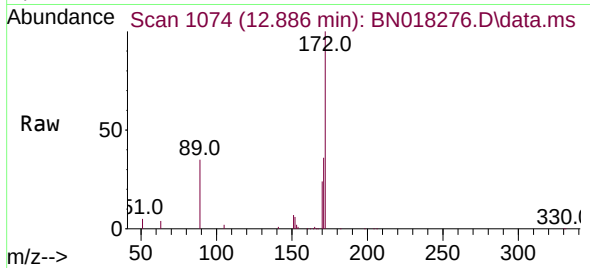
Tgt Ion:330 Resp: 190
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.886 min Scan# 1075
Delta R.T. -0.013 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

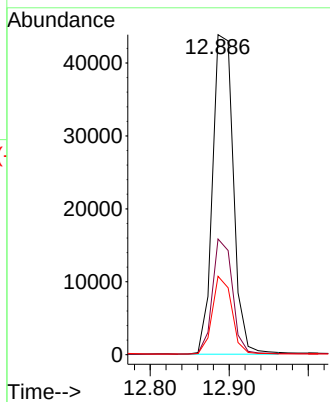
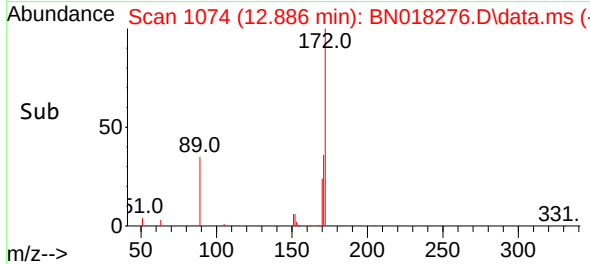
Instrument :
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Tgt Ion:172 Resp: 80210
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.0
170 24.5 18.4 27.6

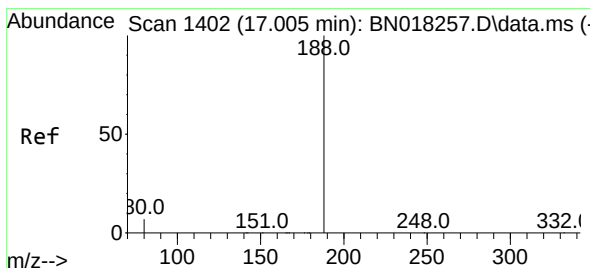
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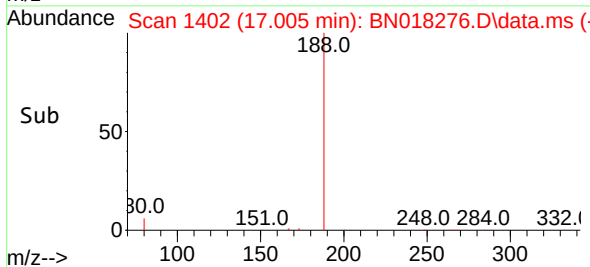
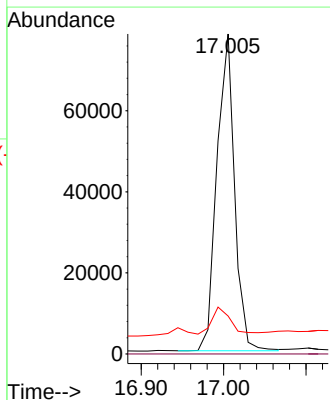
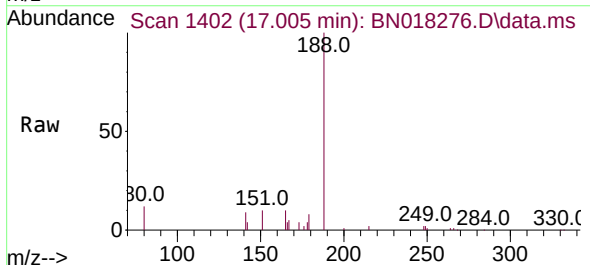
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ahmed

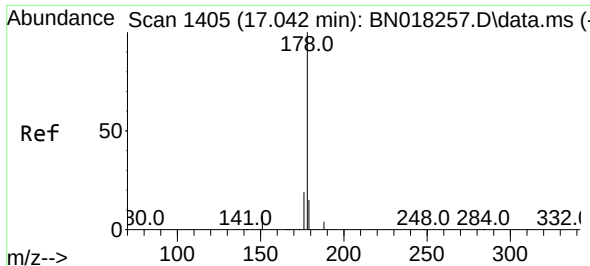
12/30/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

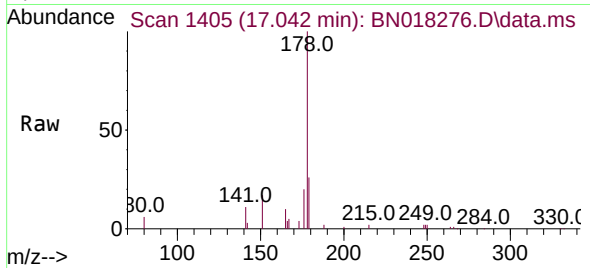
Tgt Ion:188 Resp: 116388
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 7.0 10.4





#25
Phenanthrene
Concen: 0.388 ng m
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

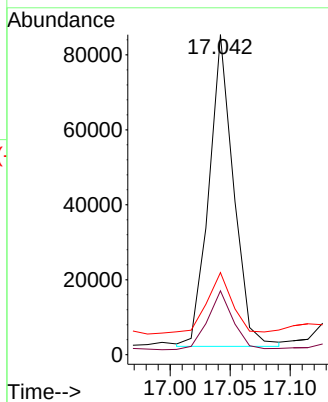
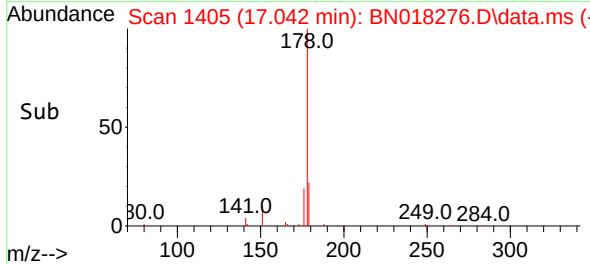
Instrument :
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Tgt Ion:178 Resp: 118974
Ion Ratio Lower Upper
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176 19.7 15.3 22.9
179 19.8 12.3 18.5

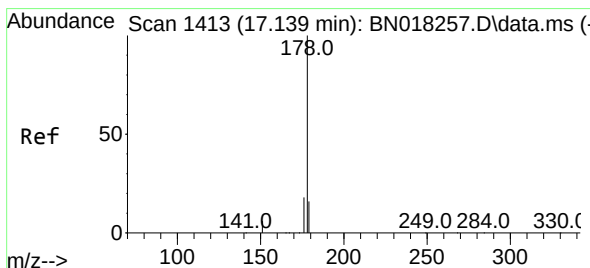
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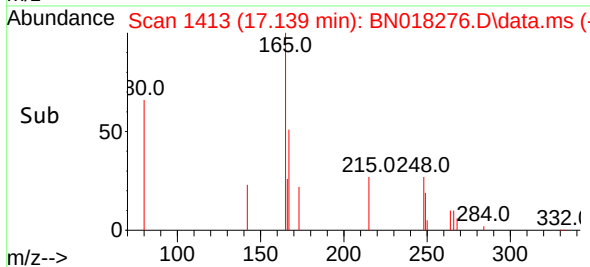
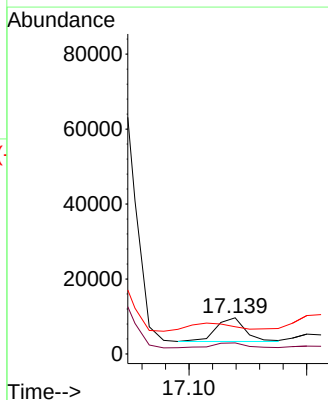
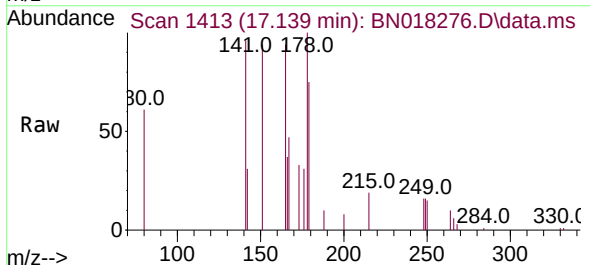
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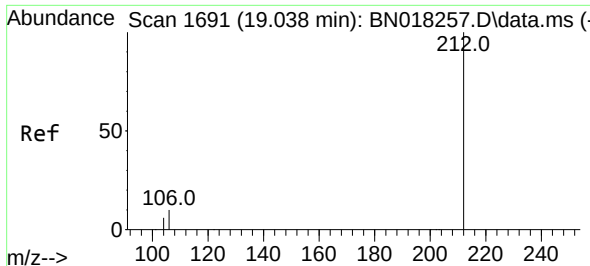
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#26
Anthracene
Concen: 0.082 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

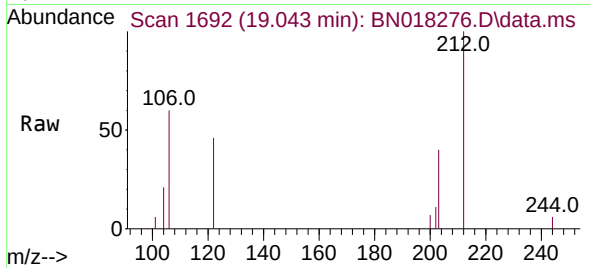
Tgt Ion:178 Resp: 10998
Ion Ratio Lower Upper
178 100
176 23.9 14.8 22.2#
179 0.0 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

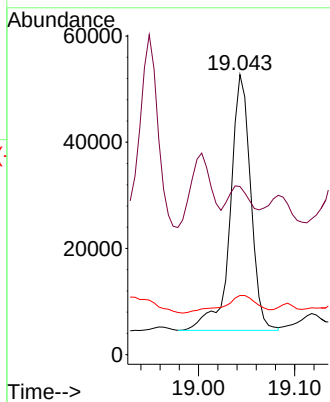
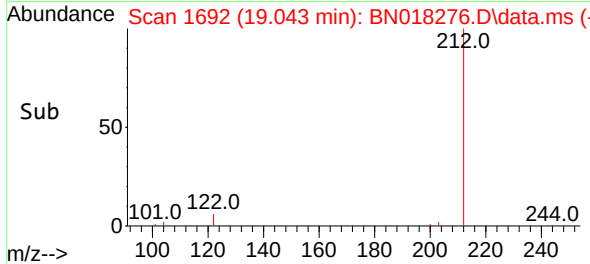
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion: 212 Resp: 7113
Ion Ratio Lower Upper
212 100
106 14.7 8.4 12.6
104 11.0 4.5 6.7

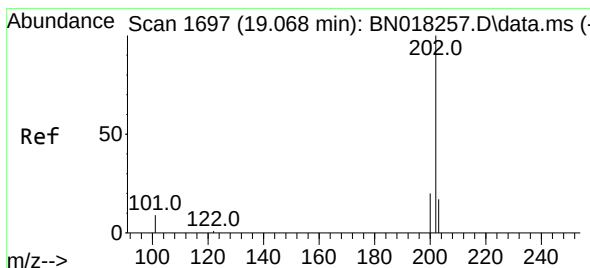
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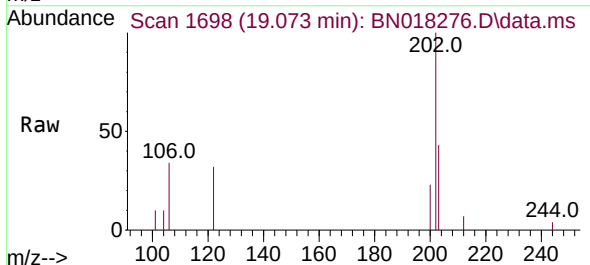


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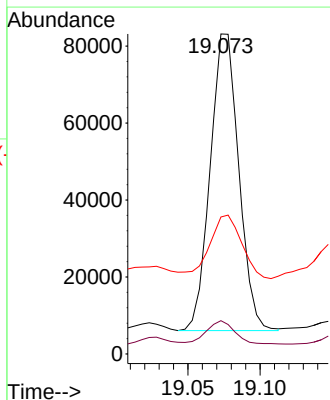
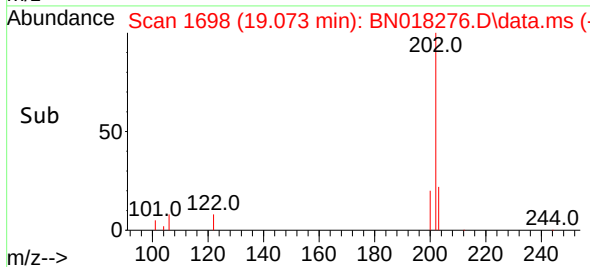
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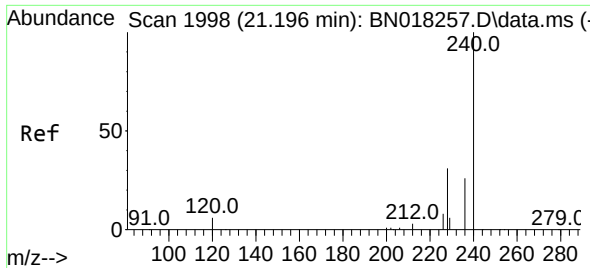


#28
Fluoranthene
Concen: 0.296 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26



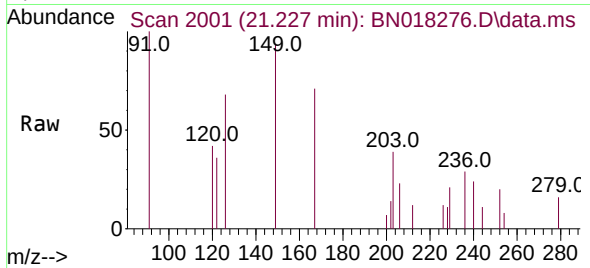
Tgt Ion: 202 Resp: 106470
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 23.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2011
Delta R.T. 0.031 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

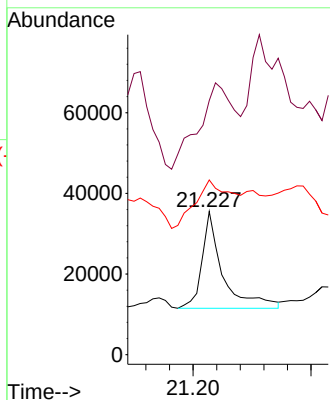
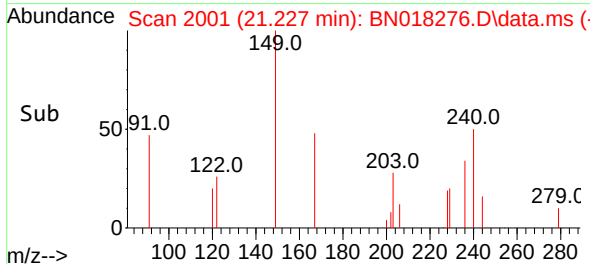
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:240 Resp: 58660
Ion Ratio Lower Upper
240 100
120 177.4 6.0 9.0
236 122.0 21.4 32.2

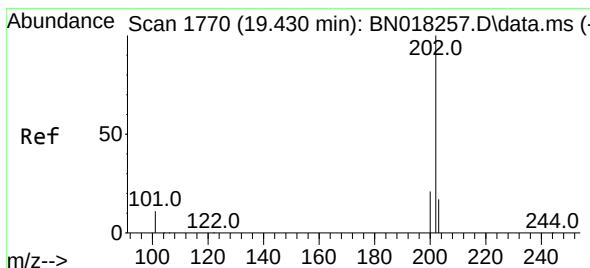
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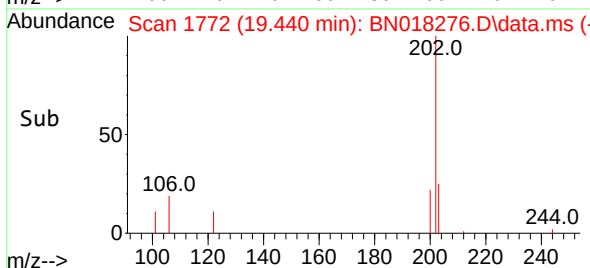
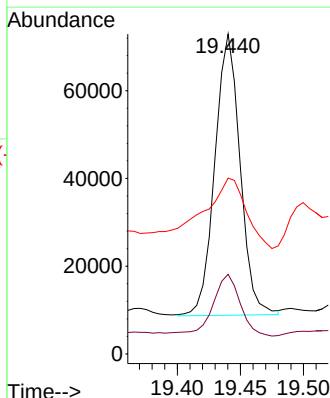
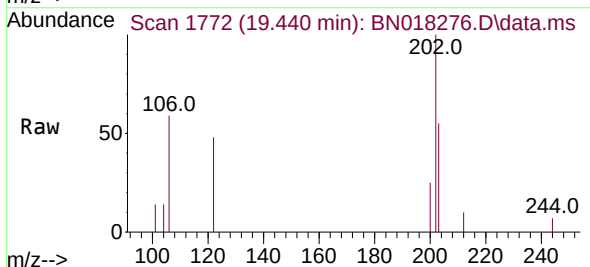
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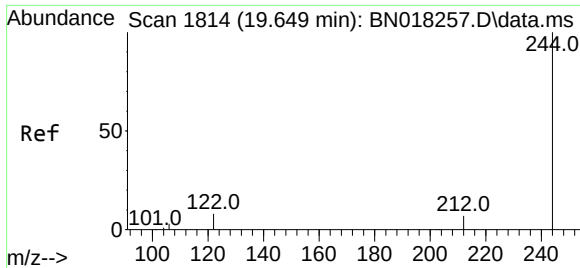
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#30
Pyrene
Concen: 0.388 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.010 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

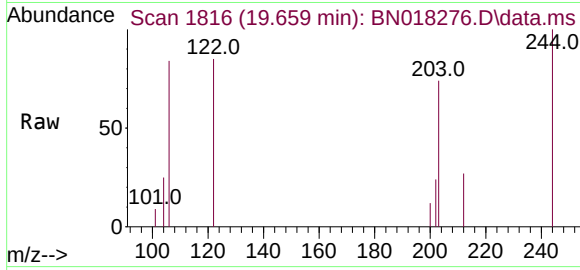
Tgt Ion:202 Resp: 89162
Ion Ratio Lower Upper
202 100
200 23.9 16.6 25.0
203 44.0 14.1 21.1





#31
Terphenyl-d14
Concen: 0.343 ng
RT: 19.659 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

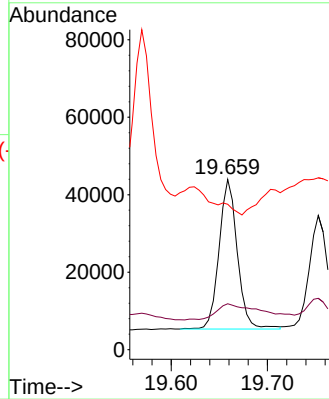
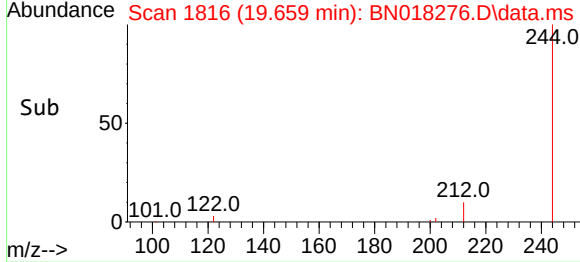
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:244 Resp: 51130
Ion Ratio Lower Upper
244 100
212 26.9 6.2 9.2#
122 85.4 7.9 11.9#

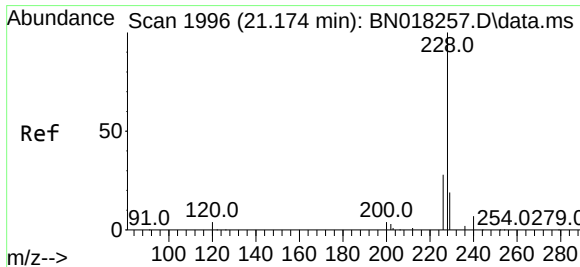
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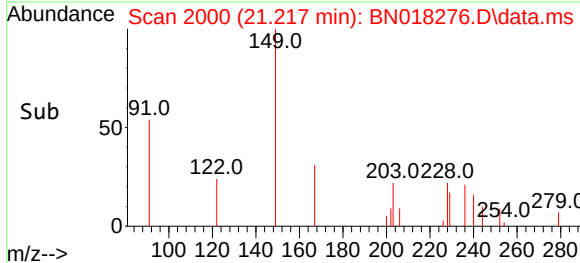
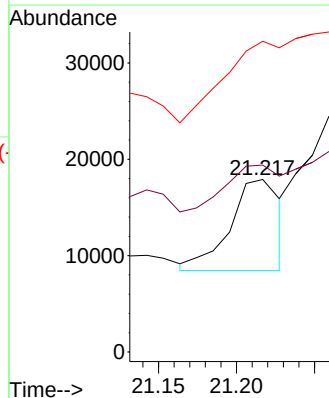
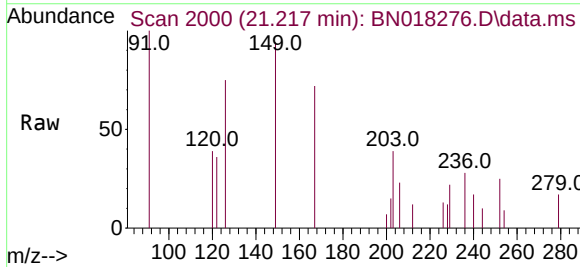
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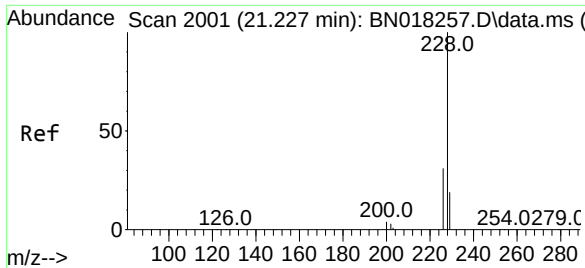
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#32
Benzo(a)anthracene
Concen: 0.168 ng m
RT: 21.217 min Scan# 2000
Delta R.T. 0.043 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

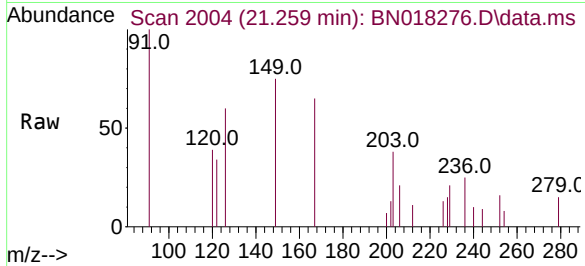
Tgt Ion:228 Resp: 21195
Ion Ratio Lower Upper
228 100
226 108.3 21.3 31.9#
229 180.0 15.9 23.9#





#33
Chrysene
Concen: 0.187 ng m
RT: 21.259 min Scan# 2001
Delta R.T. 0.032 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

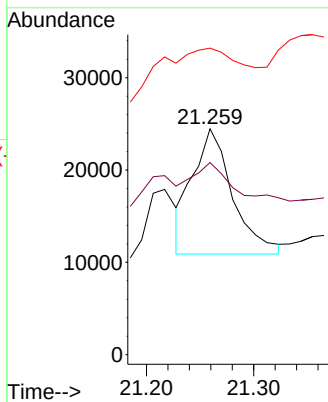
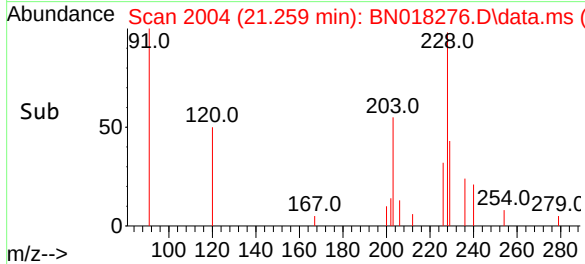
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:228 Resp: 35334
Ion Ratio Lower Upper
228 100
226 85.0 24.2 36.4
229 135.7 15.5 23.3

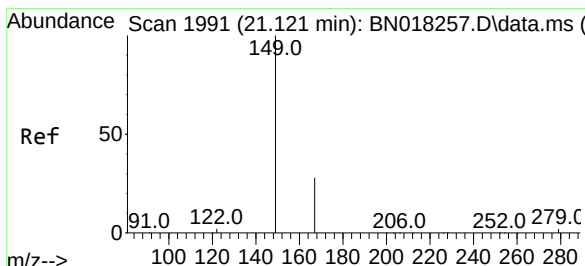
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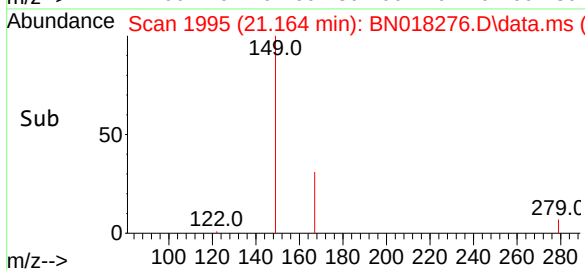
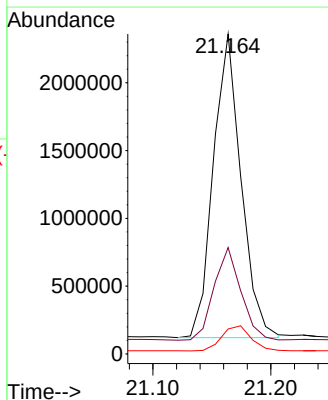
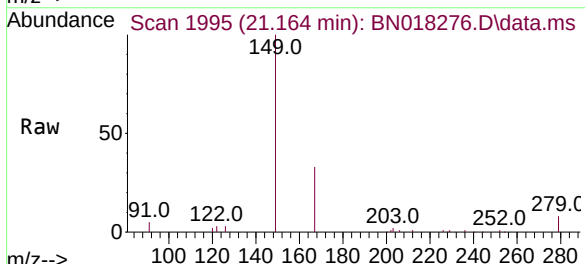
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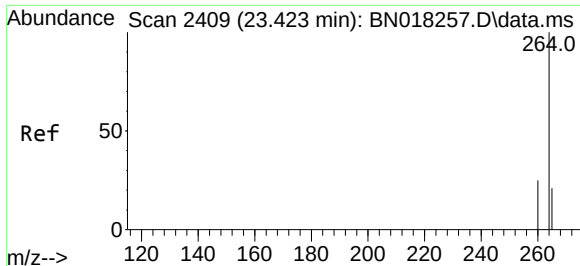
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#34
Bis(2-ethylhexyl)phthalate
Concen: 49.905 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.042 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

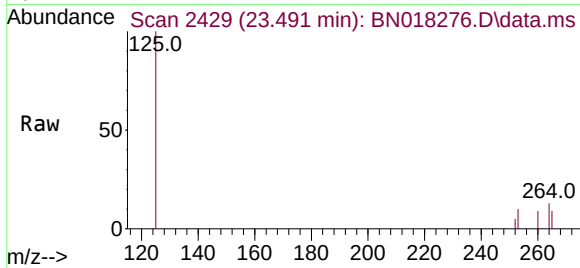
Tgt Ion:149 Resp: 3654124
Ion Ratio Lower Upper
149 100
167 29.8 23.7 35.5
279 8.7 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2409
Delta R.T. 0.068 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

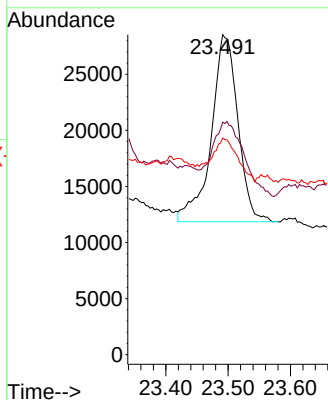
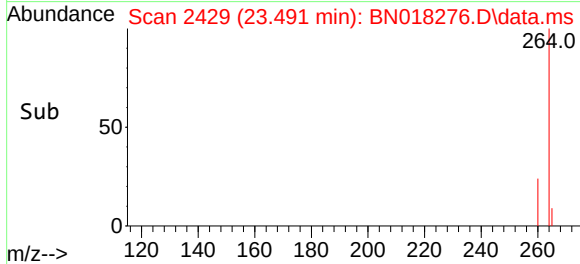
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:264 Resp: 4951
Ion Ratio Lower Upper
264 100
260 72.7 20.2 30.4#
265 67.7 18.2 27.2#

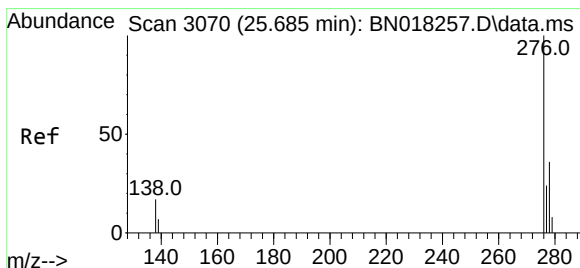
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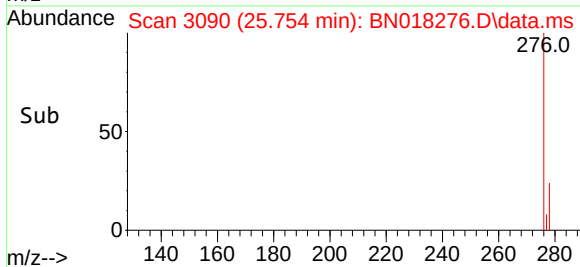
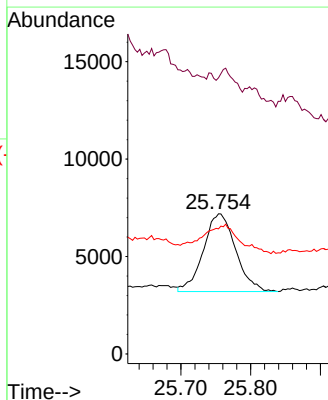
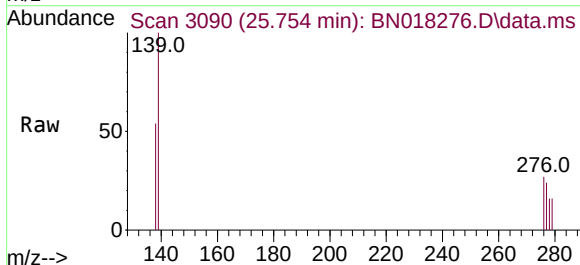
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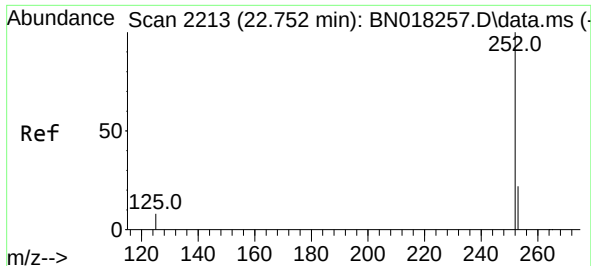
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#36
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.068 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

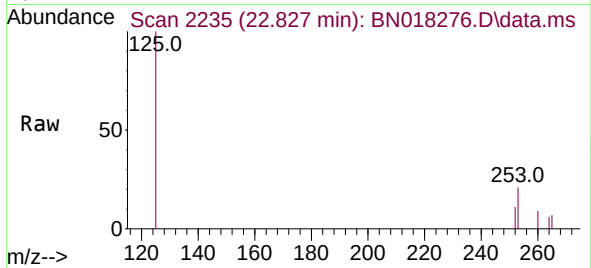
Tgt Ion:276 Resp: 12869
Ion Ratio Lower Upper
276 100
138 11.2 14.9 22.3#
277 44.2 19.9 29.9#





#37
Benzo(b)fluoranthene
Concen: 0.309 ng m
RT: 22.827 min Scan# 21
Delta R.T. 0.075 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

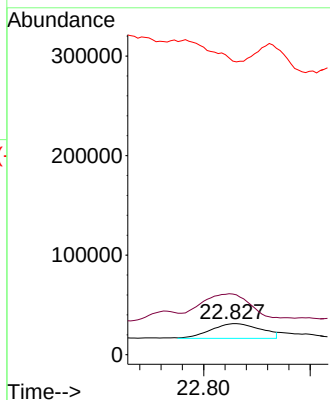
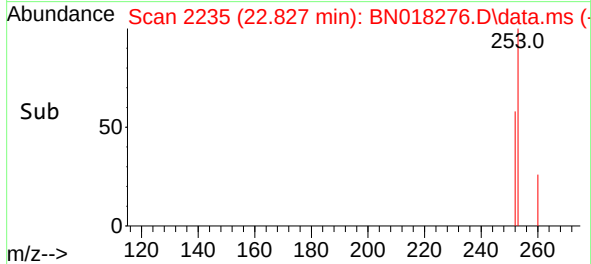
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:252 Resp: 48654
Ion Ratio Lower Upper
252 100
253 195.4 17.8 26.6#
125 946.9 6.0 9.0#

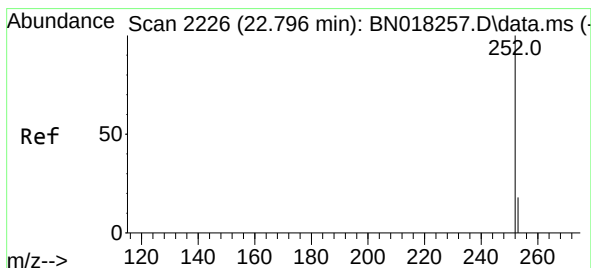
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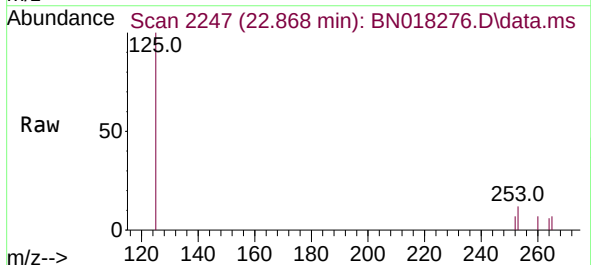


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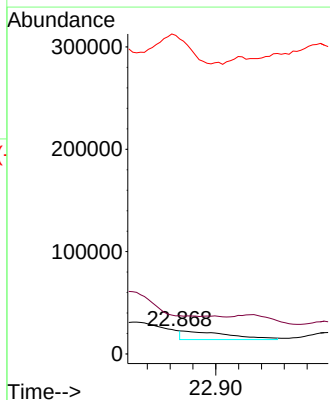
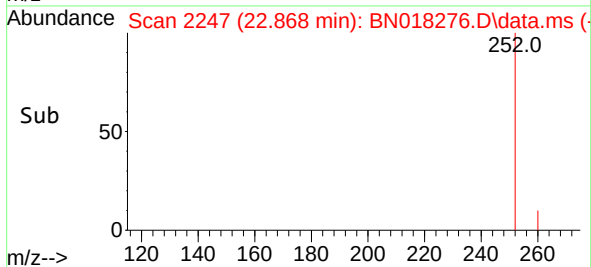
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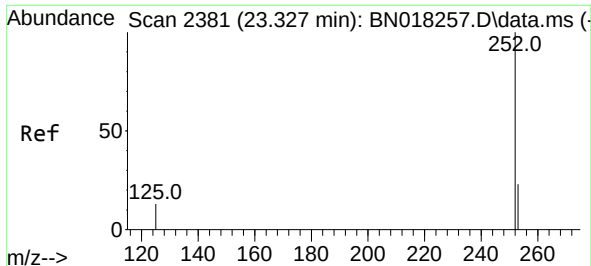


#38
Benzo(k)fluoranthene
Concen: 0.158 ng m
RT: 22.868 min Scan# 2247
Delta R.T. 0.072 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26



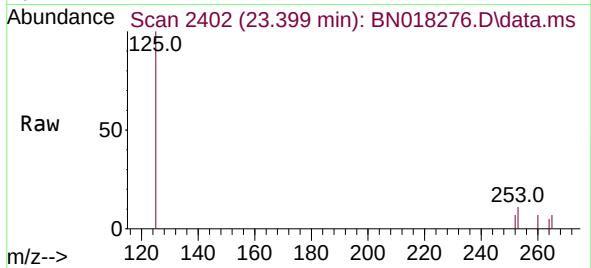
Tgt Ion:252 Resp: 23494
Ion Ratio Lower Upper
252 100
253 166.1 17.7 26.5#
125 1366.0 6.2 9.2#





#39
Benzo(a)pyrene
Concen: 0.134 ng
RT: 23.399 min Scan# 2402
Delta R.T. 0.072 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

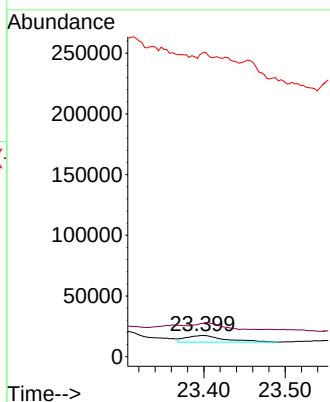
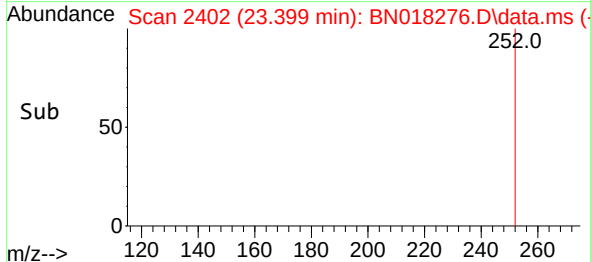
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:252 Resp: 18300
Ion Ratio Lower Upper
252 100
253 157.4 17.8 26.6#
125 1431.9 7.0 10.4#

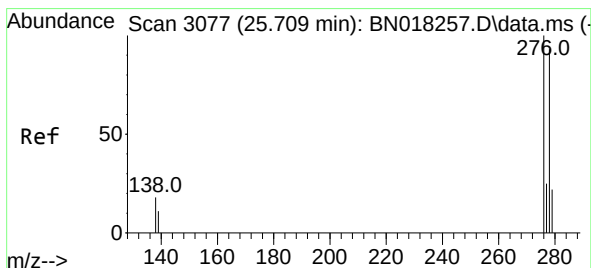
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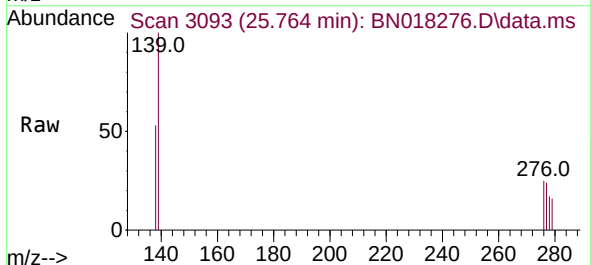


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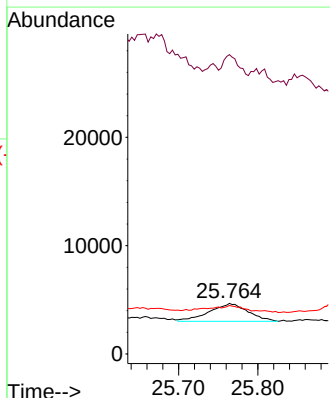
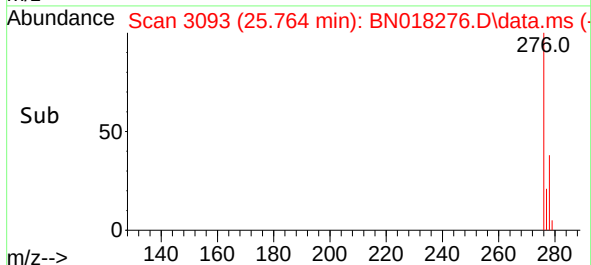
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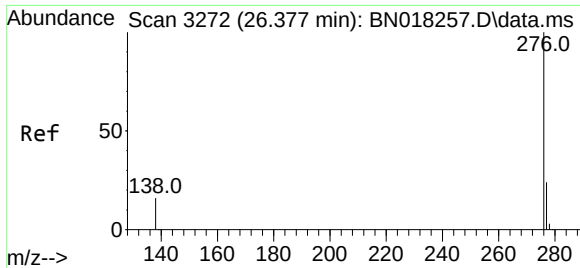


#40
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.055 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26



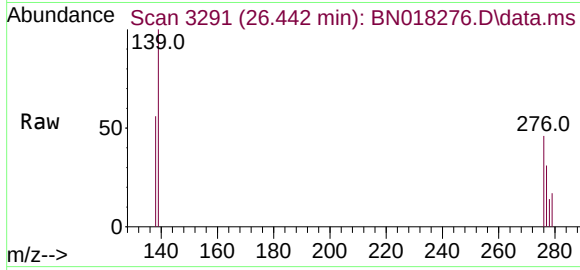
Tgt Ion:278 Resp: 5620
Ion Ratio Lower Upper
278 100
139 591.7 10.8 16.2#
279 96.0 19.0 28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.442 min Scan# 31
Delta R.T. 0.065 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

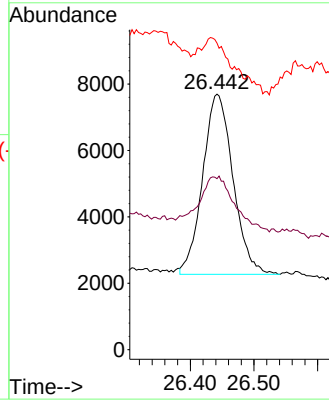
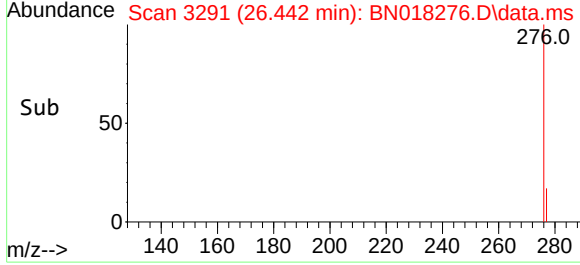
Instrument :
BNA_N
ClientSampleId :
OB-CS-04



Tgt Ion:276 Resp: 17980
Ion Ratio Lower Upper
276 100
277 66.9 19.0 28.6
138 119.9 12.6 19.0

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