

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017175.D
 Acq On : 29 Oct 2021 03:28
 Operator : CG/JU
 Sample : M4205-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B21

Manual Integrations
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Quant Time: Oct 29 05:21:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:50:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	21793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	13282	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	29858	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	29530	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	30192	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	8137	1.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	7680	0.241	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	21010	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	8046	0.133	ng/ul	98
7) 2-Methylnaphthalene	11.978	142	7798	0.187	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	6690	0.157	ng/ul	99
10) Acenaphthylene	13.898	152	5756	0.110	ng/ul#	95
15) Phenanthrene	16.974	178	19794	0.209	ng/ul	100
16) Anthracene	17.067	178	3165	0.040	ng/ul#	91
19) Fluoranthene	19.009	202	36934	0.350	ng/ul	98
20) Pyrene	19.371	202	47122	0.435	ng/ul	99
21) Benzo(a)anthracene	21.130	228	22450	0.232	ng/ul	94
22) Chrysene	21.180	228	32996	0.301	ng/ul	97
24) Benzo(b)fluoranthene	22.691	252	35670m	0.317	ng/ul	
25) Benzo(k)fluoranthene	22.729	252	12769m	0.100	ng/ul	
26) Benzo(a)pyrene	23.249	252	23537	0.233	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.559	276	17781	0.124	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.570	278	4576	0.040	ng/ul#	62
29) Benzo(g,h,i)perylene	26.237	276	17866	0.147	ng/ul	95

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

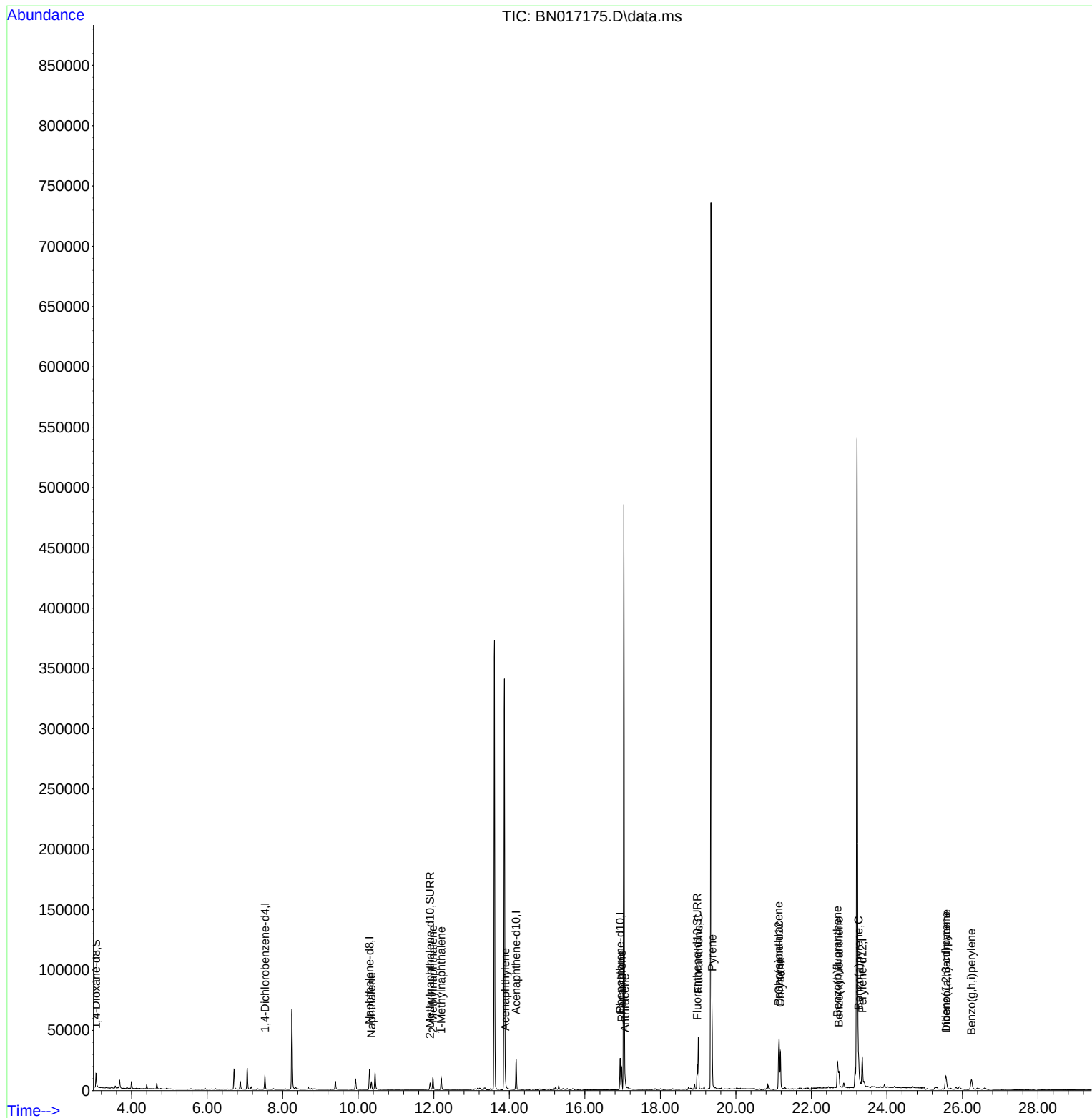
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Data File : BN017175.D
Acq On : 29 Oct 2021 03:28
Operator : CG/JU
Sample : M4205-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

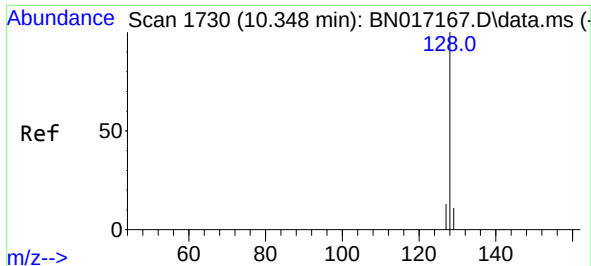
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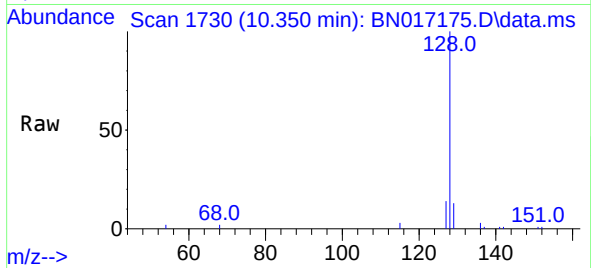
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Quant Time: Oct 29 05:21:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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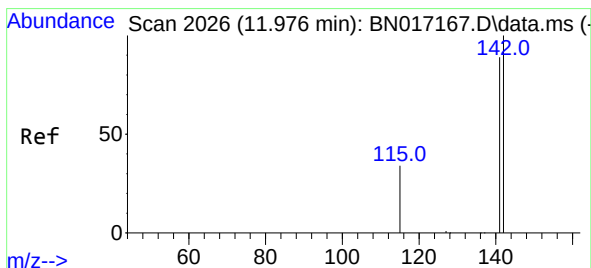
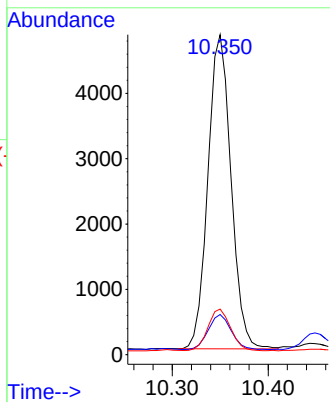
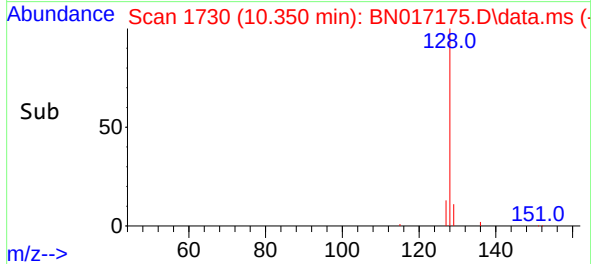




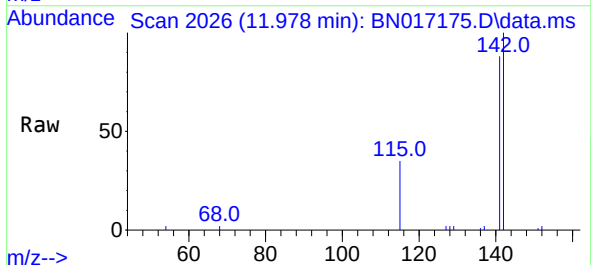
#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28



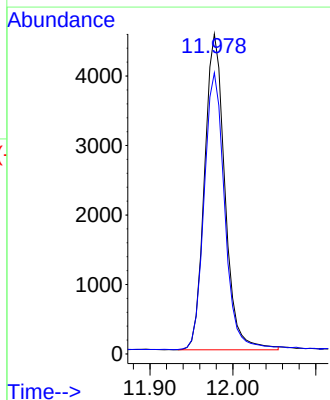
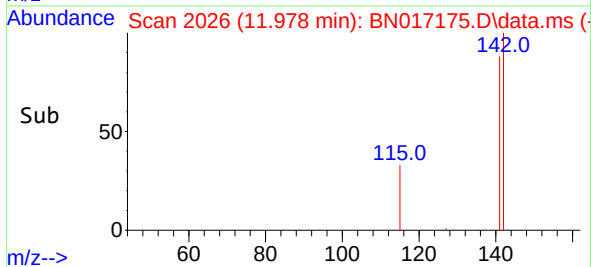
Tgt Ion:128 Resp: 8046
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 11.978 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28



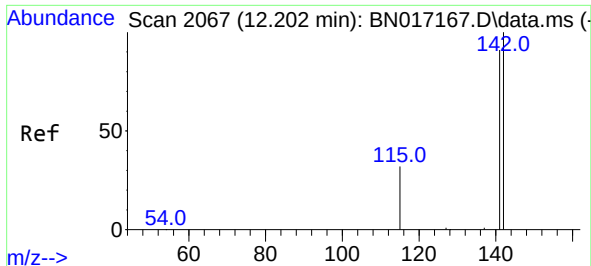
Tgt Ion:142 Resp: 7798
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4



Instrument :
BNA_N
ClientSampleId :
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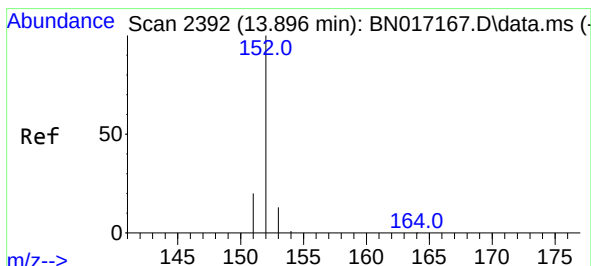
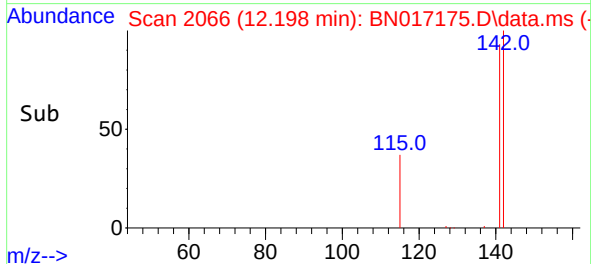
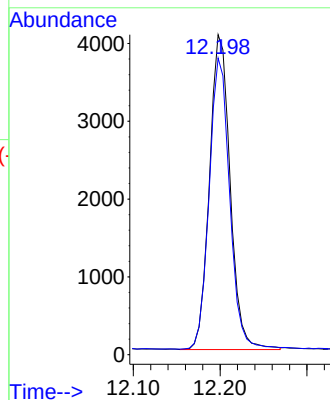
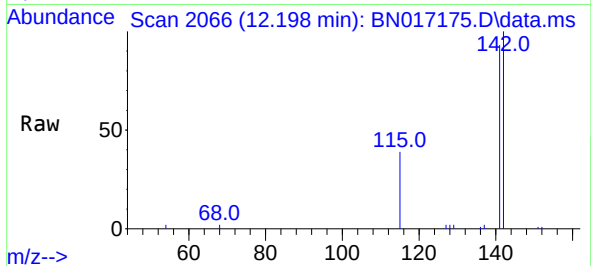
#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.198 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:142 Resp: 6690
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8

Instrument :
BNA_N
ClientSampled :
C0B21

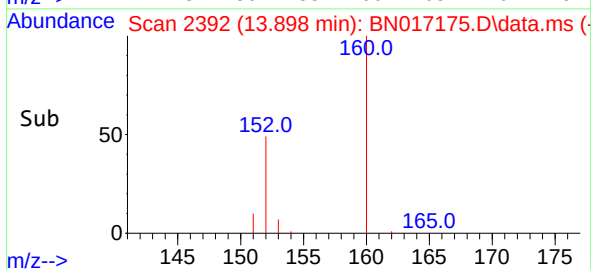
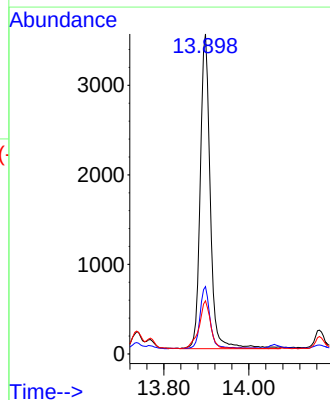
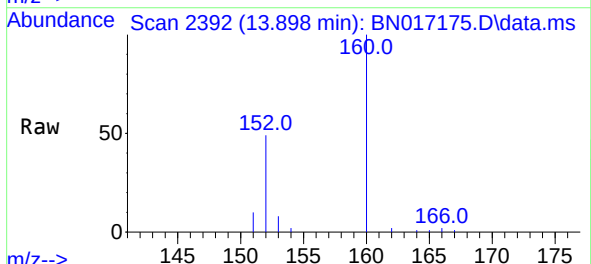
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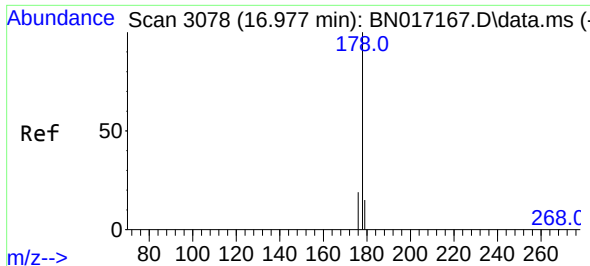
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#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

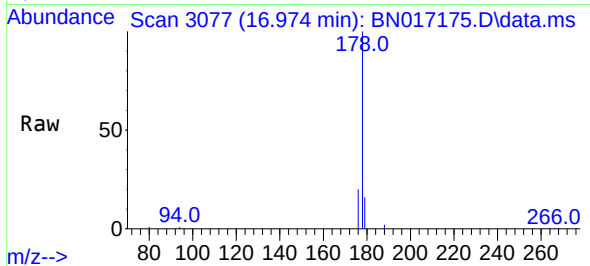
Tgt Ion:152 Resp: 5756
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 16.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.209 ng/u1
RT: 16.974 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

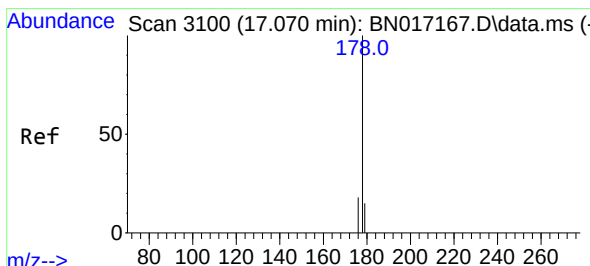
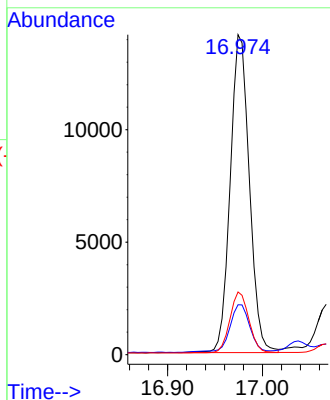
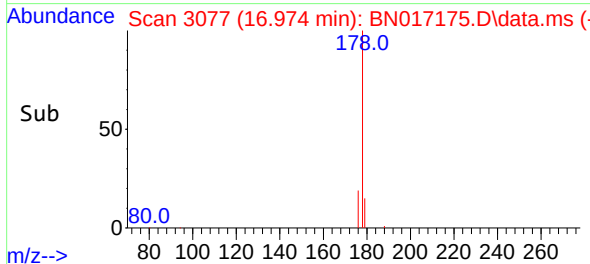
Instrument :
BNA_N
ClientSampled :
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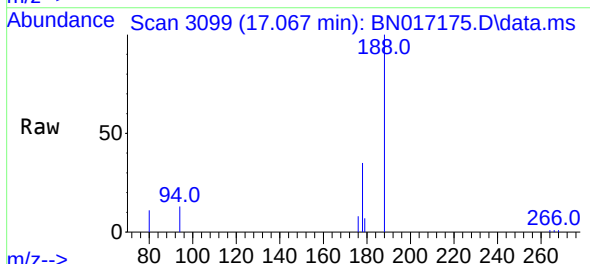
Tgt Ion:178 Resp: 19794
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.5 23.3

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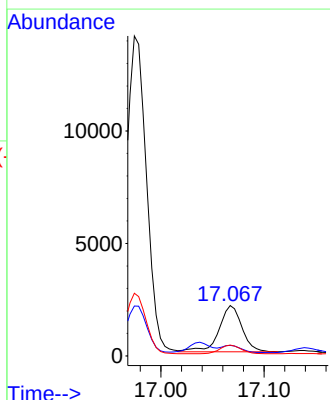
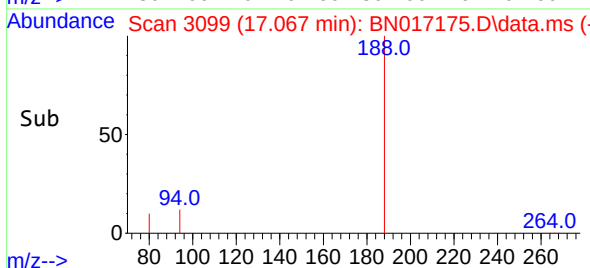
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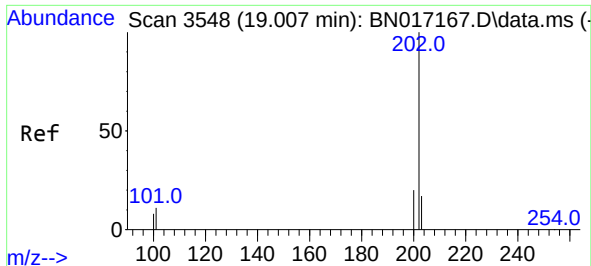


#16
Anthracene
Concen: 0.040 ng/u1
RT: 17.067 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28



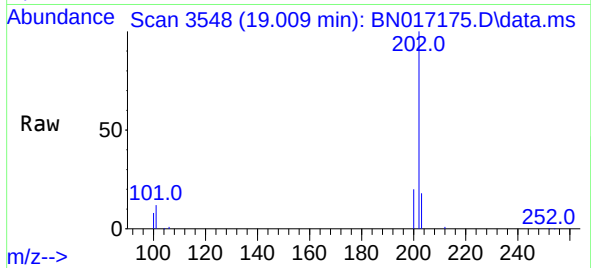
Tgt Ion:178 Resp: 3165
Ion Ratio Lower Upper
178 100
179 21.1 12.6 19.0#
176 21.6 15.2 22.8





#19
Fluoranthene
Concen: 0.350 ng/u1
RT: 19.009 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

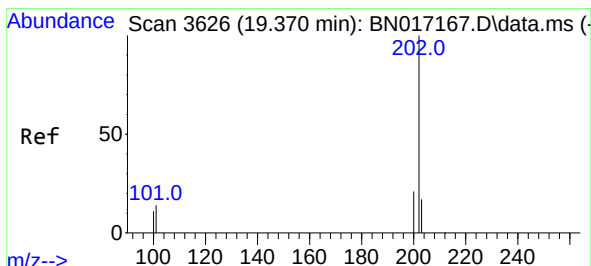
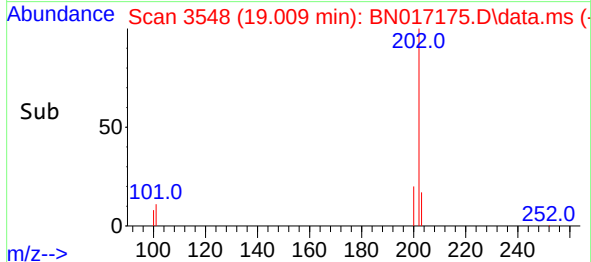
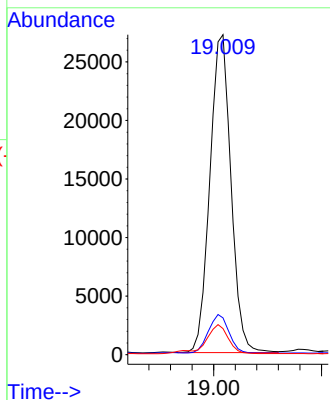
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 36934
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.2 7.2 10.8

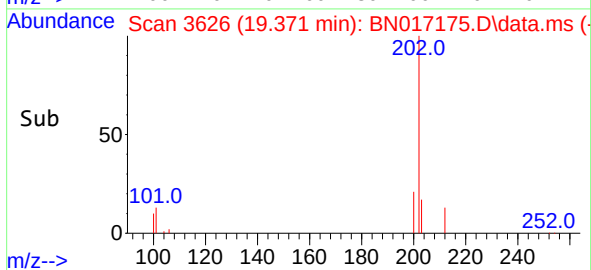
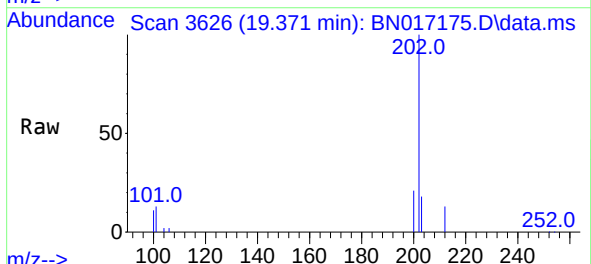
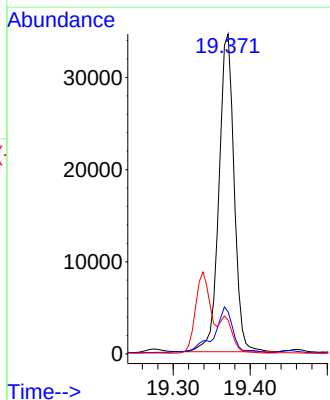
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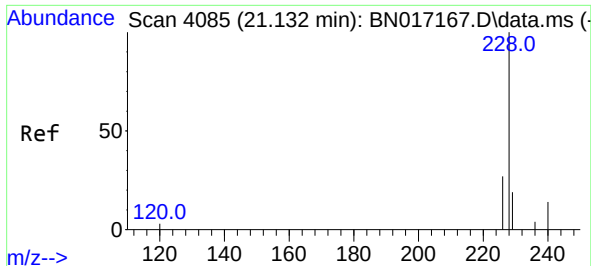
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#20
Pyrene
Concen: 0.435 ng/u1
RT: 19.371 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:202 Resp: 47122
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.5 8.2 12.2





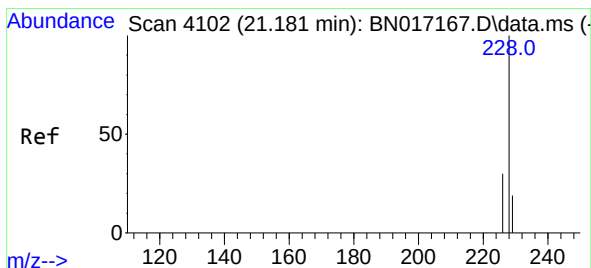
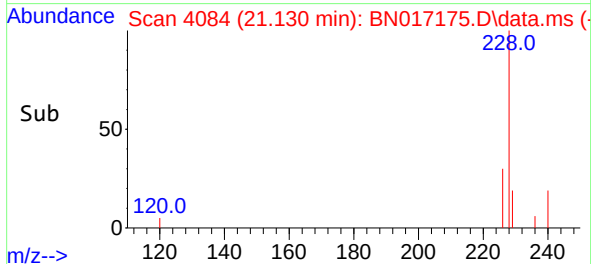
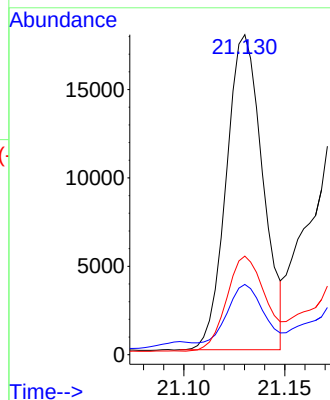
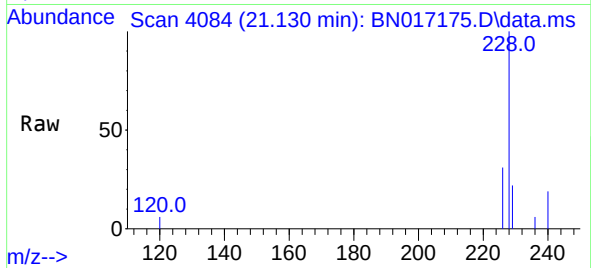
#21
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.130 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:228	Resp:	22450
Ion Ratio	Lower	Upper
228	100	
229	22.0	16.1 24.1
226	30.8	21.7 32.5

Instrument :
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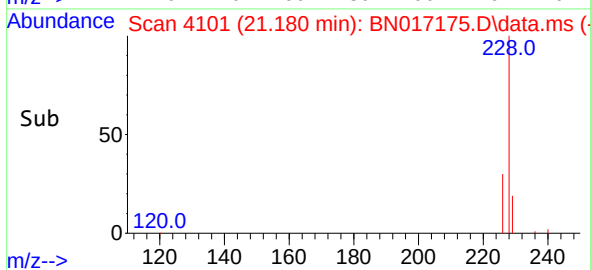
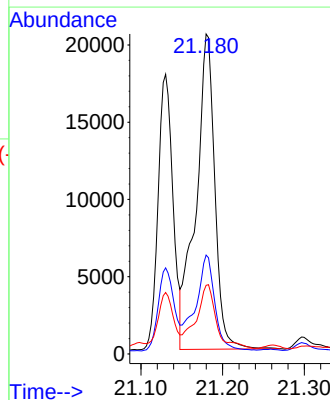
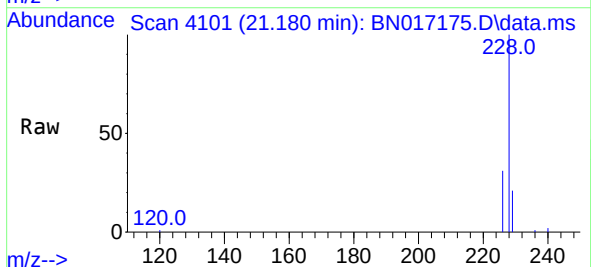
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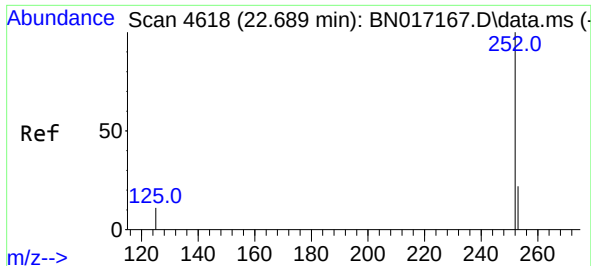
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#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.180 min Scan# 4101
Delta R.T. -0.007 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:228	Resp:	32996
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.1 36.1
229	21.5	15.4 23.2





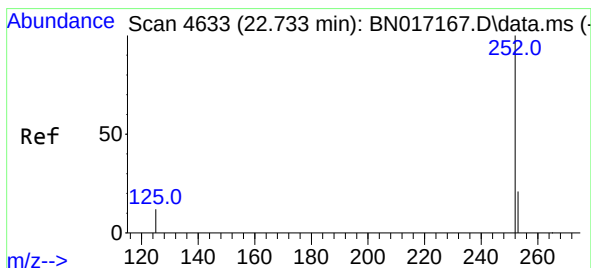
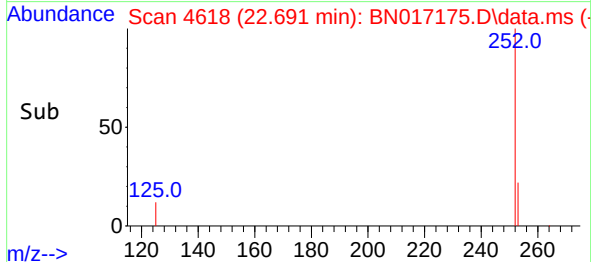
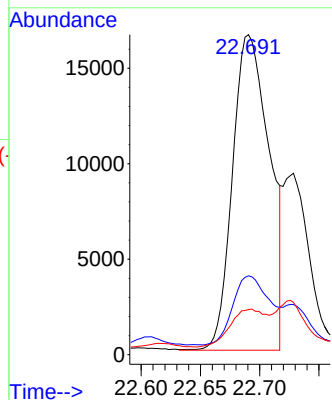
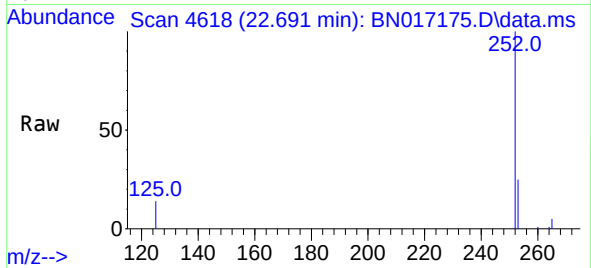
#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul m
RT: 22.691 min Scan# 4618
Delta R.T. -0.004 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:252 Resp: 35670
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 14.1 0.0 23.8

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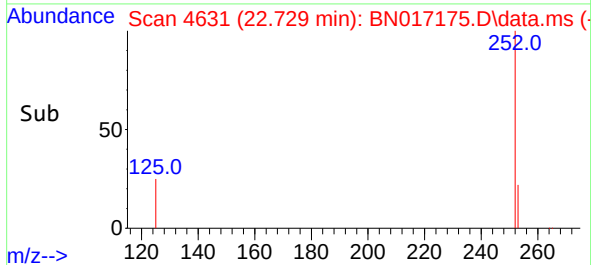
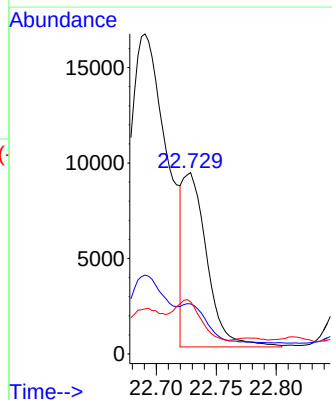
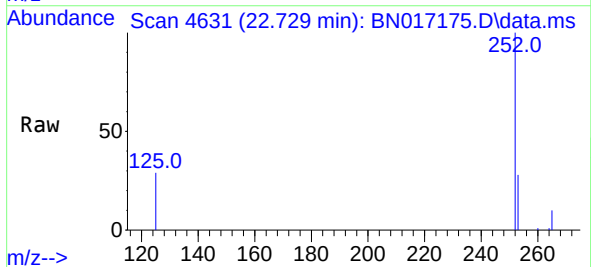
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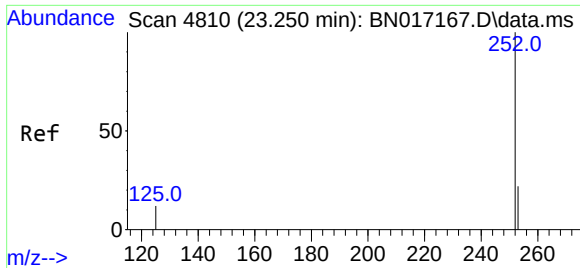
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#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.729 min Scan# 4631
Delta R.T. -0.010 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:252 Resp: 12769
Ion Ratio Lower Upper
252 100
253 27.6 18.3 27.5#
125 28.8 10.0 15.0#





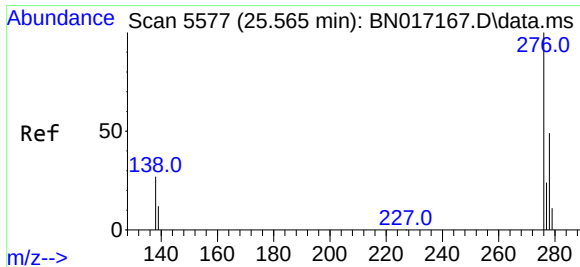
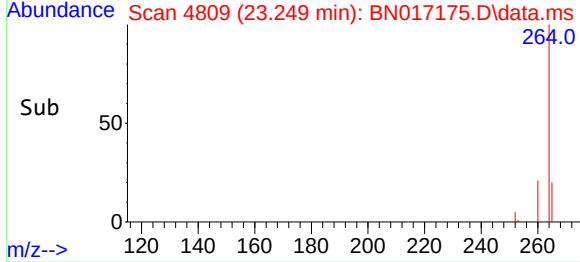
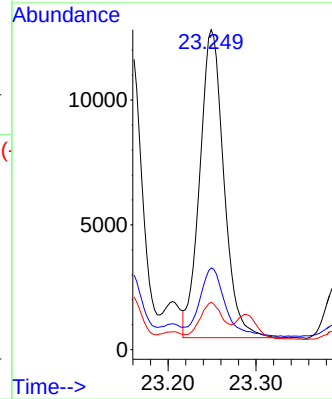
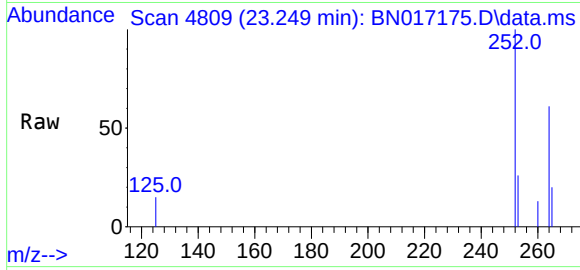
#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.249 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:	252	Resp:	23537
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.3	28.9
125	14.8	10.8	16.2

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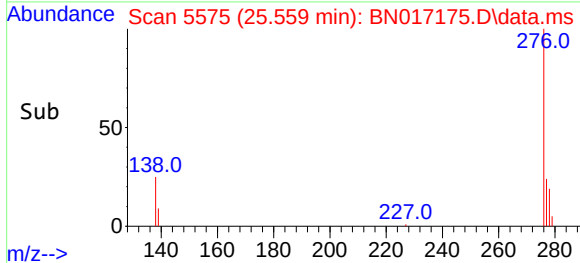
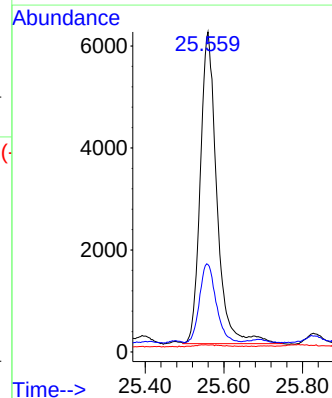
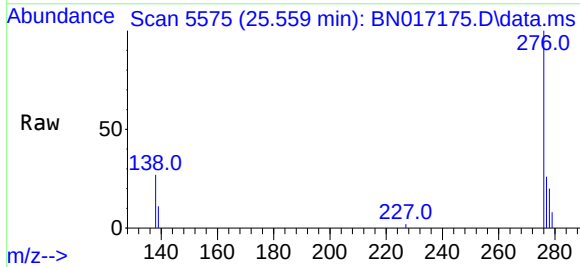
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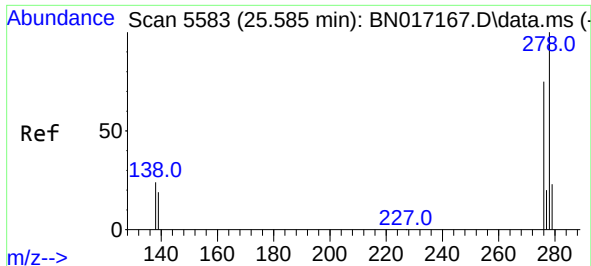
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 25.559 min Scan# 5575
Delta R.T. -0.012 min
Lab File: BN017175.D
Acq: 29 Oct 2021 03:28

Tgt Ion:	276	Resp:	17781
Ion Ratio	Lower	Upper	
276	100		
138	25.6	22.2	33.4
227	1.0	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 25.570 min Scan# 5578

Delta R.T. -0.022 min

Lab File: BN017175.D

Acq: 29 Oct 2021 03:28

Tgt Ion:278 Resp: 4576

Ion	Ratio	Lower	Upper
278	100		
139	43.6	15.4	23.0#
279	36.7	19.5	29.3#

Instrument :

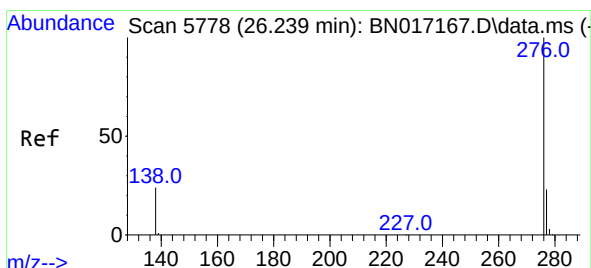
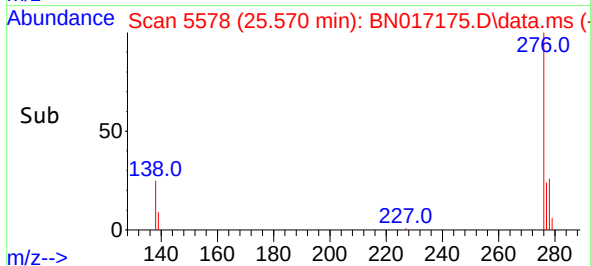
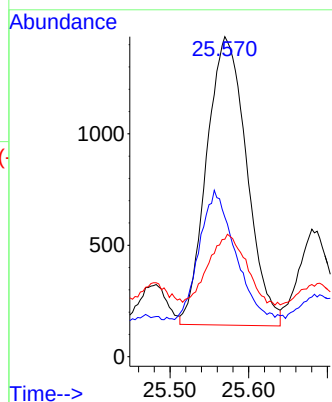
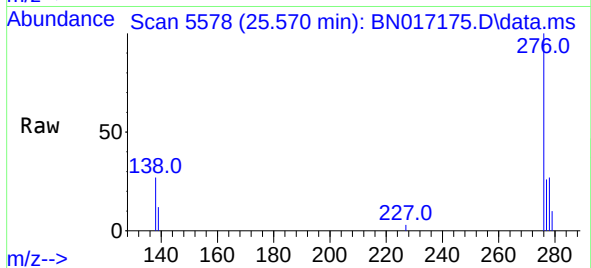
BNA_N

ClientSampleId :

C0B21

Manual Integrations
APPROVED

mohammad
10/29/2021 2:24:45 PM



#29

Benzo(g,h,i)perylene

Concen: 0.147 ng/ul

RT: 26.237 min Scan# 5777

Delta R.T. -0.009 min

Lab File: BN017175.D

Acq: 29 Oct 2021 03:28

Tgt Ion:276 Resp: 17866

Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.2	28.8
277	25.4	19.0	28.6

