

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017166.D
 Acq On : 28 Oct 2021 21:25
 Operator : CG/JU
 Sample : M4205-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B10

Manual Integrations
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Quant Time: Oct 29 02:51:00 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	4245	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	16652	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	10425	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	23318	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	22864	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	23490	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	2487	0.527	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	4278	0.176	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	11575	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	7393	0.160	ng/ul	98
7) 2-Methylnaphthalene	11.978	142	5895	0.185	ng/ul	100
8) 1-Methylnaphthalene	12.198	142	5144	0.158	ng/ul	100
10) Acenaphthylene	13.898	152	1596	0.039	ng/ul#	85
15) Phenanthrene	16.978	178	15717	0.212	ng/ul	100
16) Anthracene	17.067	178	2127	0.035	ng/ul#	89
19) Fluoranthene	19.004	202	29065	0.355	ng/ul	99
20) Pyrene	19.366	202	28103	0.335	ng/ul	96
21) Benzo(a)anthracene	21.130	228	14020	0.187	ng/ul	95
22) Chrysene	21.183	228	17381	0.205	ng/ul	97
24) Benzo(b)fluoranthene	22.691	252	24336m	0.278	ng/ul	
25) Benzo(k)fluoranthene	22.729	252	9498m	0.096	ng/ul	
26) Benzo(a)pyrene	23.249	252	14673	0.187	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.556	276	11998	0.108	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.576	278	2826	0.032	ng/ul#	66
29) Benzo(g,h,i)perylene	26.237	276	10736	0.114	ng/ul	96

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

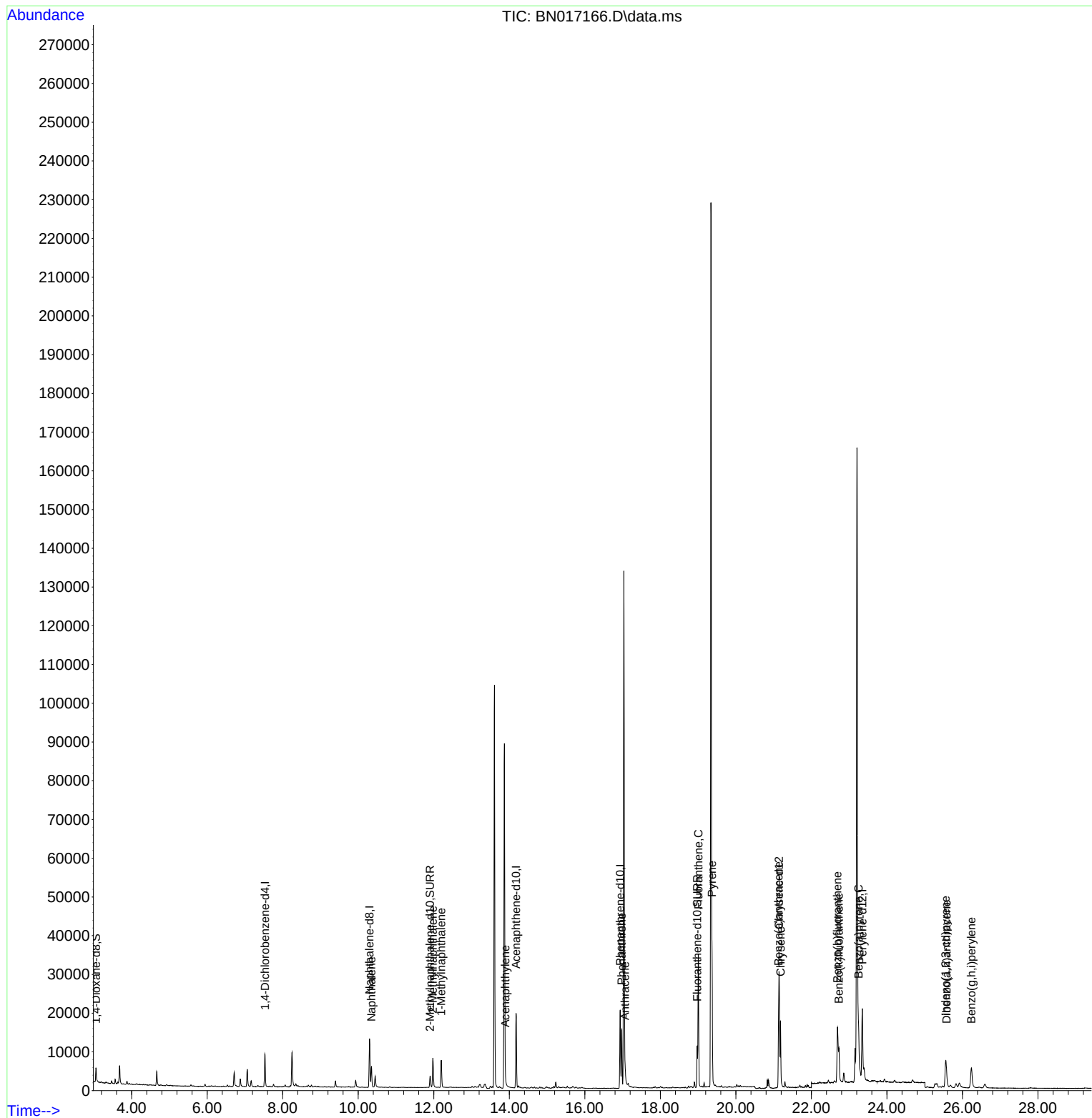
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Data File : BN017166.D
Acq On : 28 Oct 2021 21:25
Operator : CG/JU
Sample : M4205-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

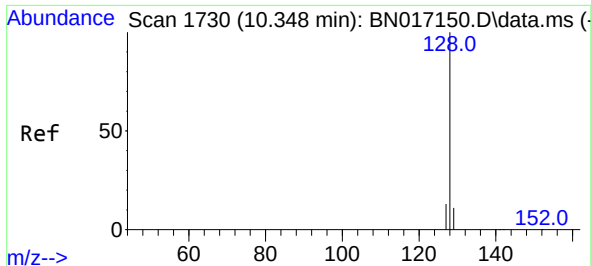
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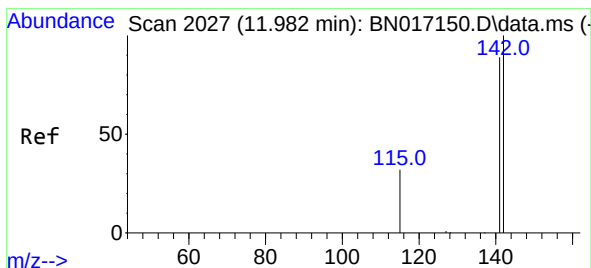
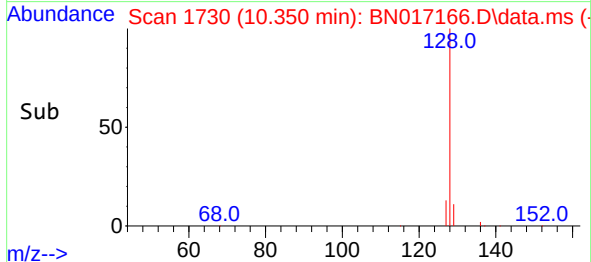
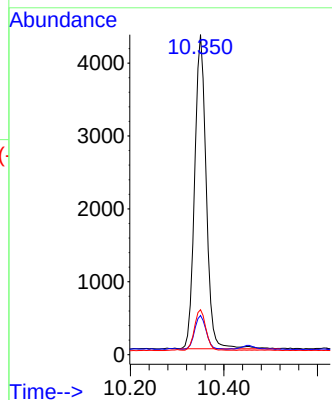
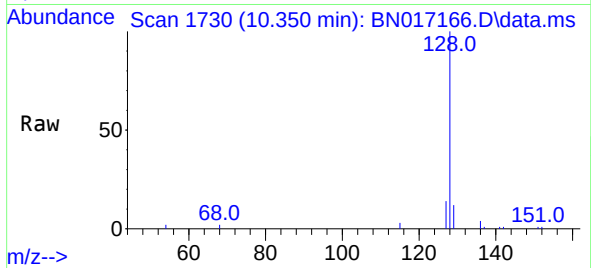
#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	128	Resp:	7393
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.2	13.8
127	14.1	10.8	16.2

Instrument :
BNA_N
ClientSampled :
C0B10

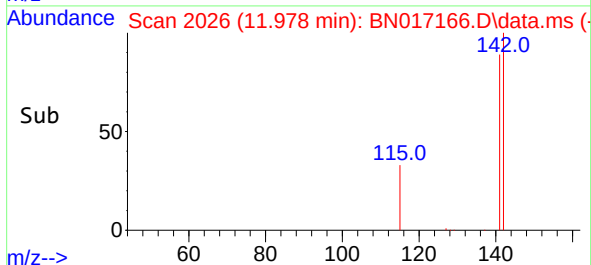
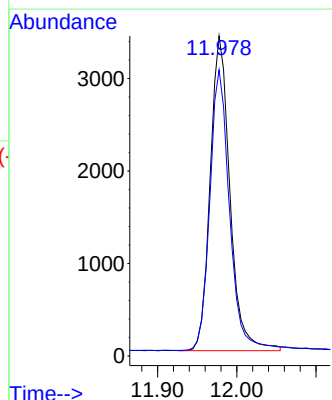
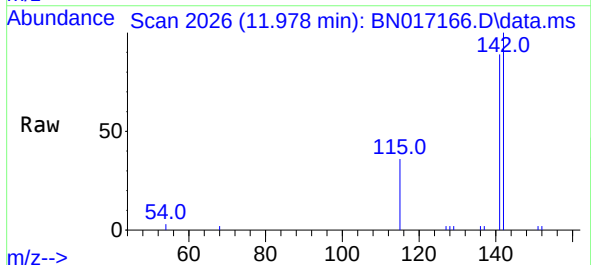
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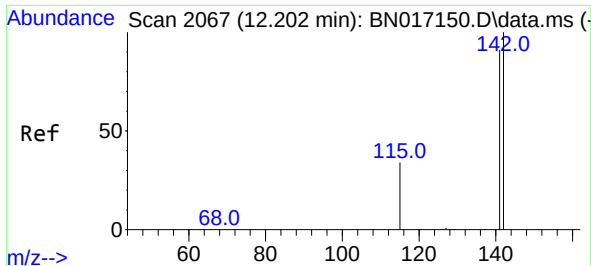
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#7
2-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 11.978 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	142	Resp:	5895
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.0	106.4





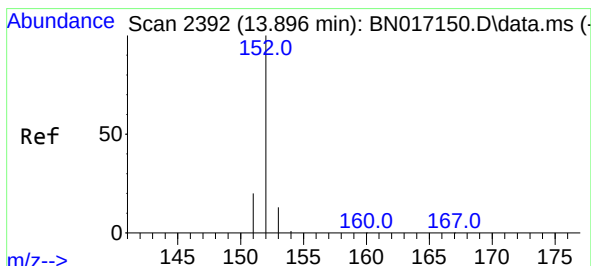
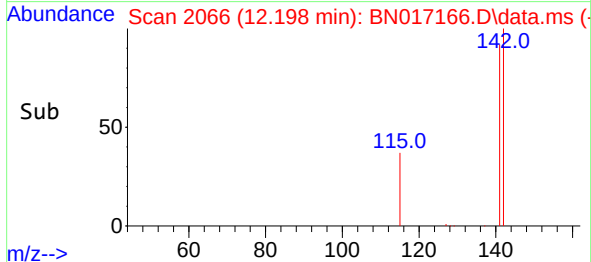
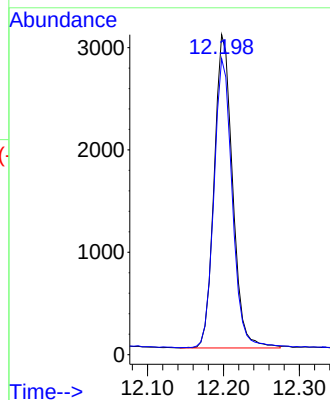
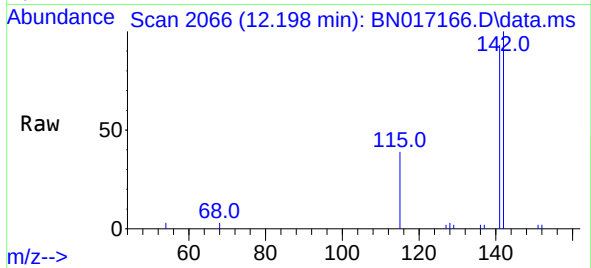
#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.198 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:142 Resp: 5144
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8

Instrument :
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ClientSampled :
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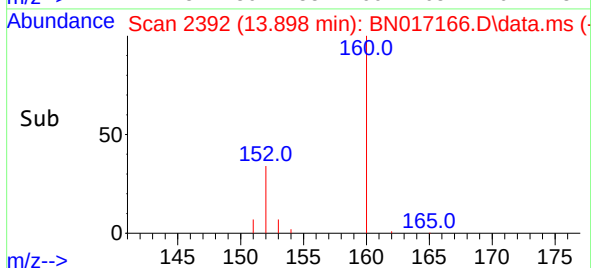
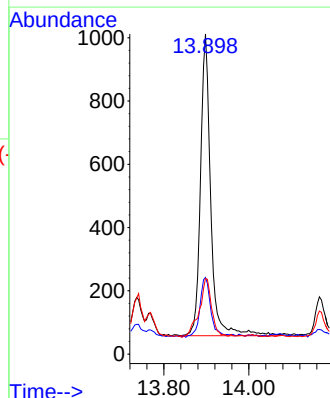
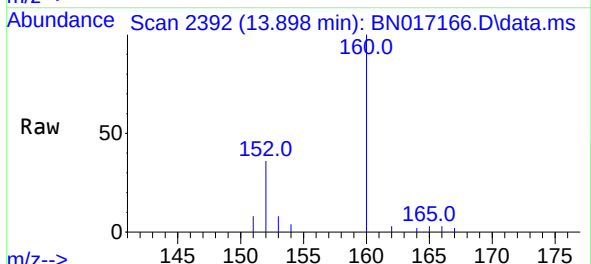
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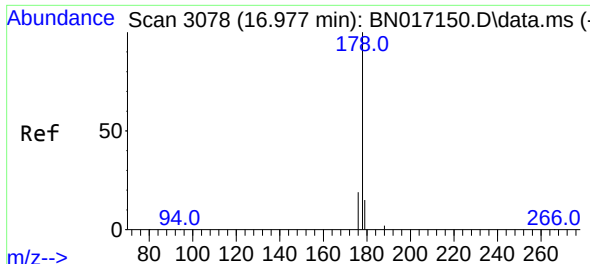
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#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

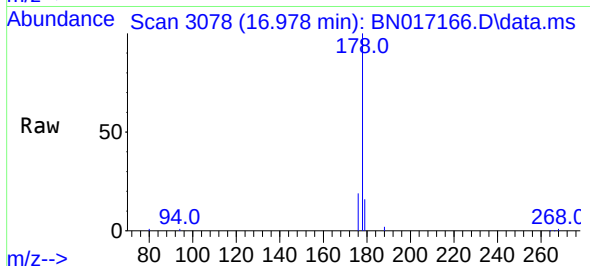
Tgt Ion:152 Resp: 1596
Ion Ratio Lower Upper
152 100
151 23.9 16.0 24.0
153 23.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 16.978 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

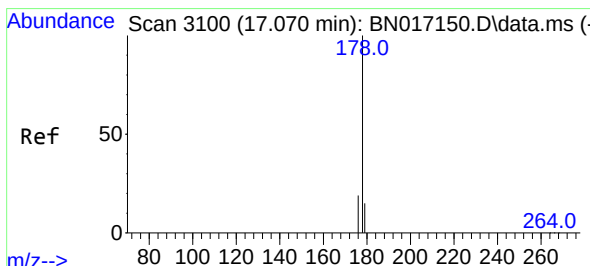
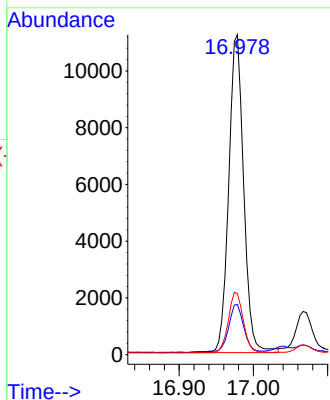
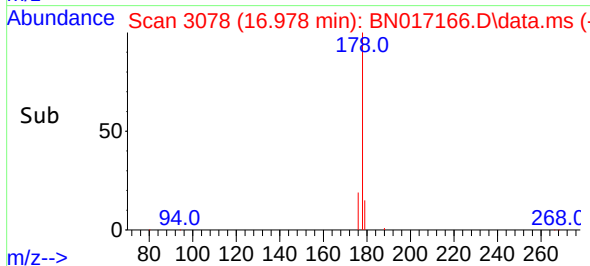
Instrument :
BNA_N
ClientSampled :
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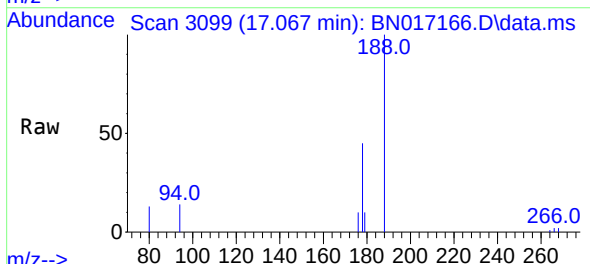
Tgt Ion:178 Resp: 15717
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3

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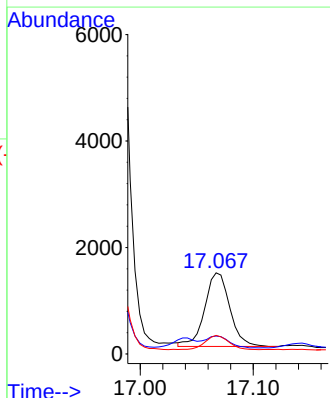
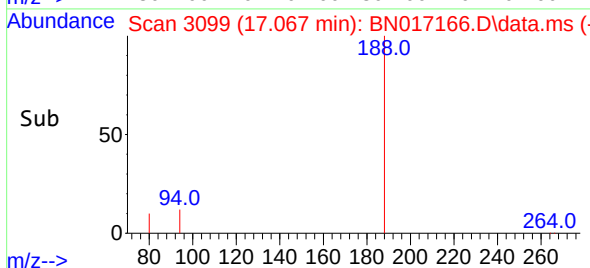
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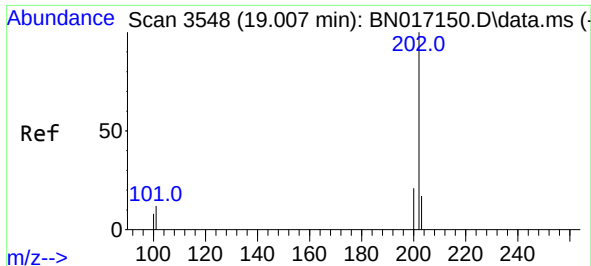


#16
Anthracene
Concen: 0.035 ng/u1
RT: 17.067 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25



Tgt Ion:178 Resp: 2127
Ion Ratio Lower Upper
178 100
179 22.1 12.6 19.0#
176 22.8 15.2 22.8#





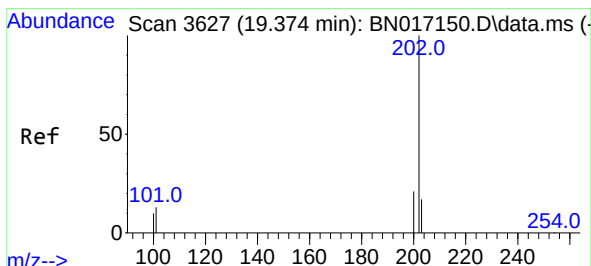
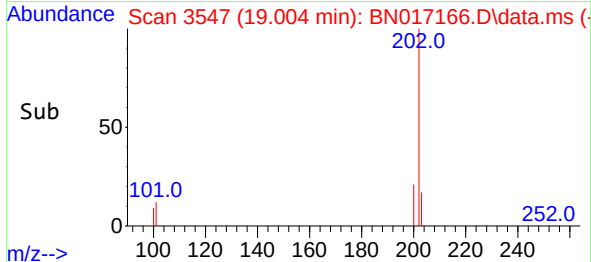
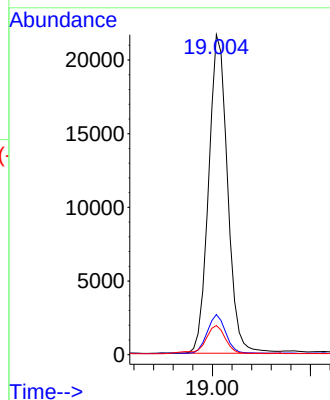
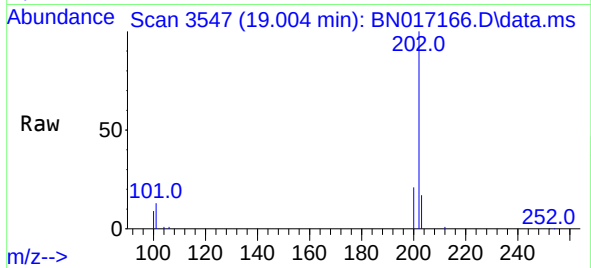
#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.004 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	202	Resp:	29065
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.7	14.5
100	9.1	7.2	10.8

Instrument :
BNA_N
ClientSampled :
C0B10

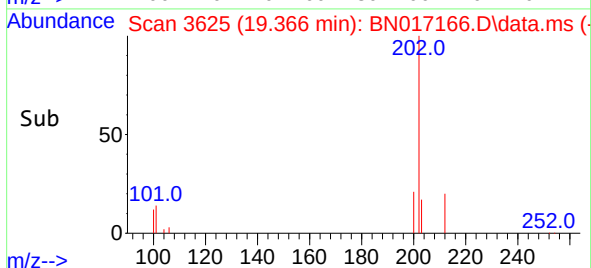
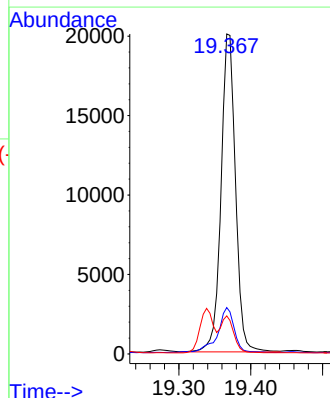
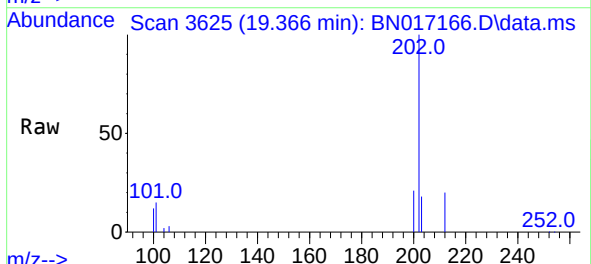
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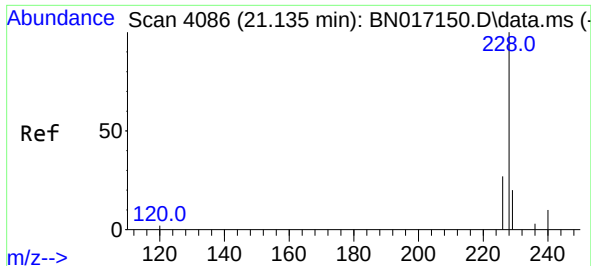
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#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.366 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	202	Resp:	28103
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.3	15.5
100	11.9	8.2	12.2





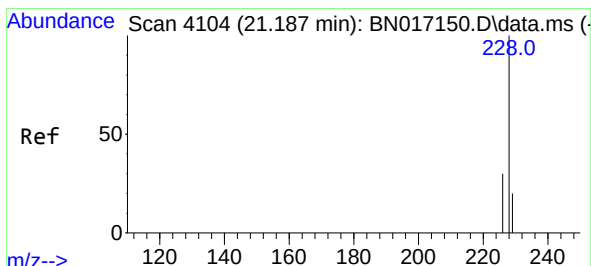
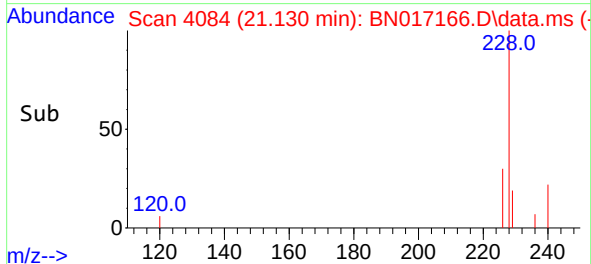
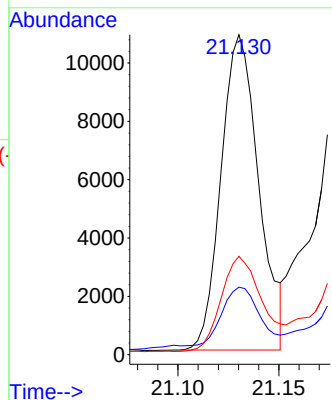
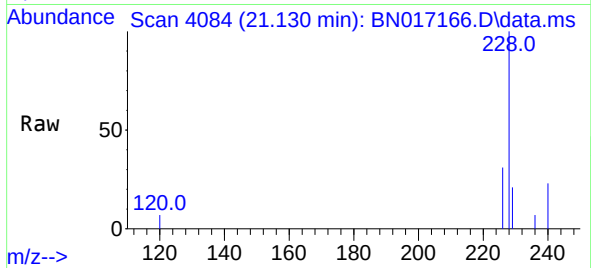
#21
Benzo(a)anthracene
Concen: 0.187 ng/u1
RT: 21.130 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	228	Resp:	14020
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.1	24.1
226	30.7	21.7	32.5

Instrument :
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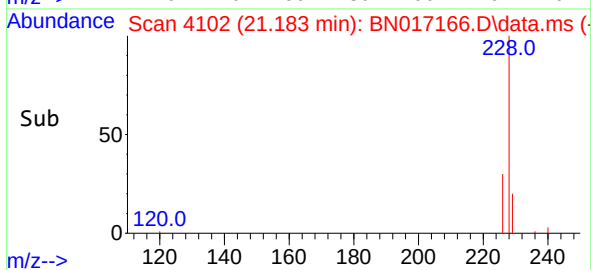
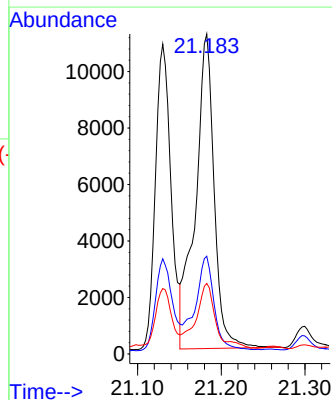
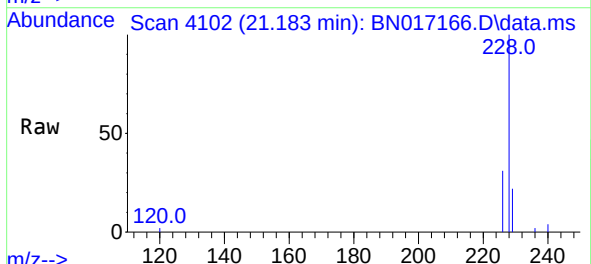
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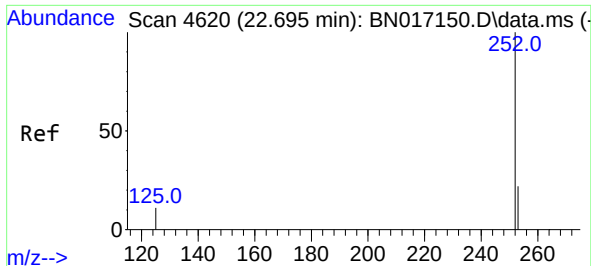
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#22
Chrysene
Concen: 0.205 ng/u1
RT: 21.183 min Scan# 4102
Delta R.T. -0.004 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	228	Resp:	17381
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.1	36.1
229	22.1	15.4	23.2





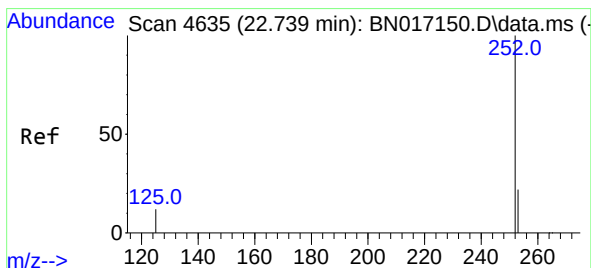
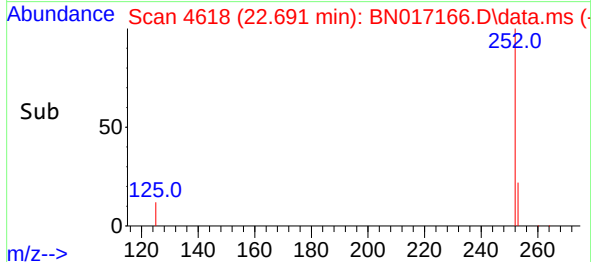
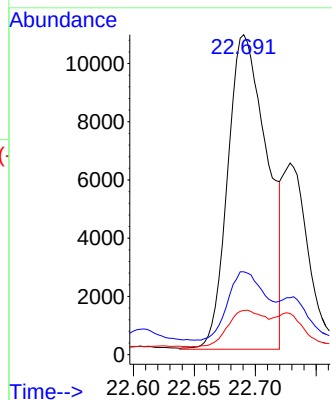
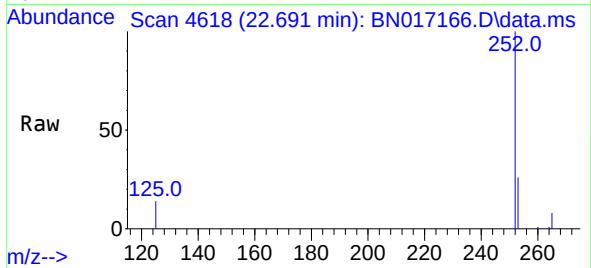
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Benzo(b)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.691 min Scan# 4618
Delta R.T. -0.004 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:252 Resp: 24336
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.8
125 13.8 0.0 23.8

Instrument :
BNA_N
ClientSampled :
C0B10

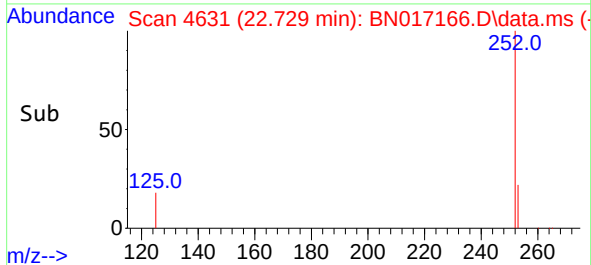
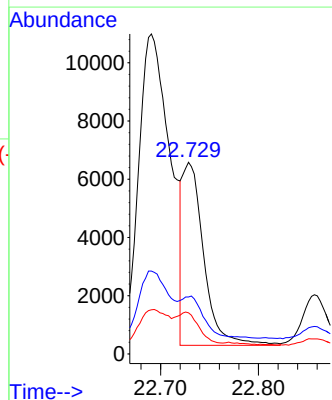
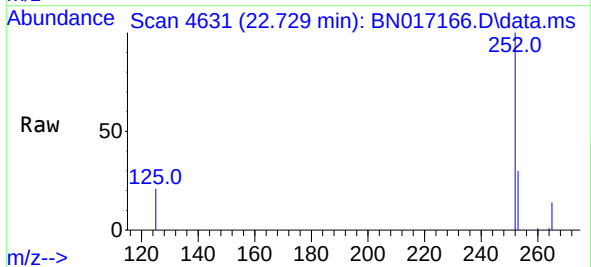
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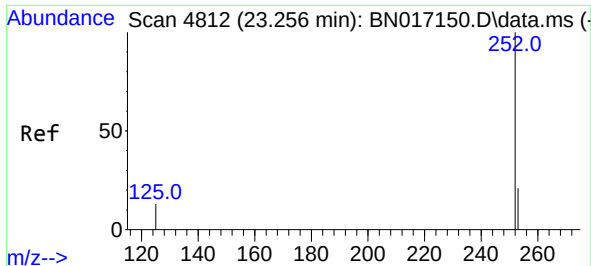
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#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.729 min Scan# 4631
Delta R.T. -0.010 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:252 Resp: 9498
Ion Ratio Lower Upper
252 100
253 29.7 18.3 27.5#
125 21.4 10.0 15.0#





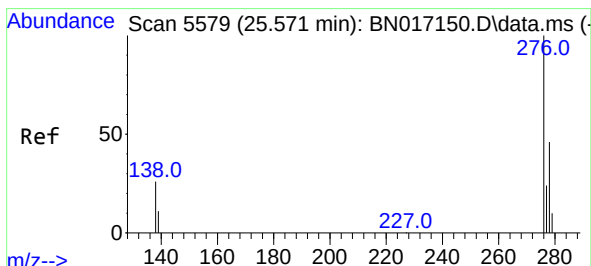
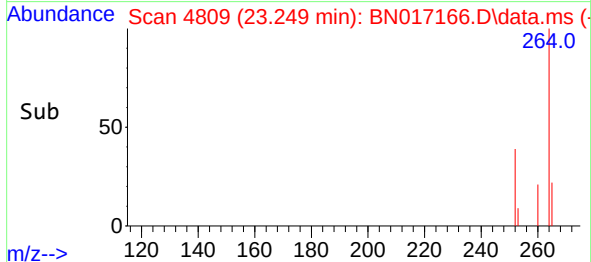
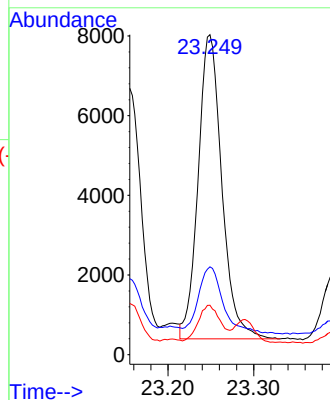
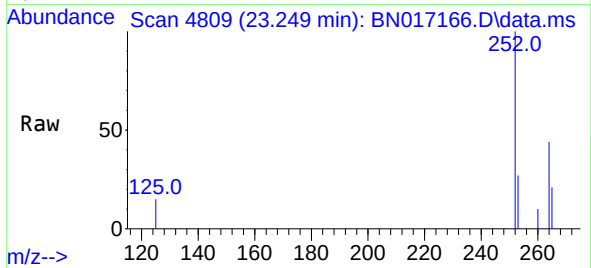
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Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.249 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	252	Resp:	14673
Ion Ratio	Lower	Upper	
252	100		
253	27.5	19.3	28.9
125	15.4	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
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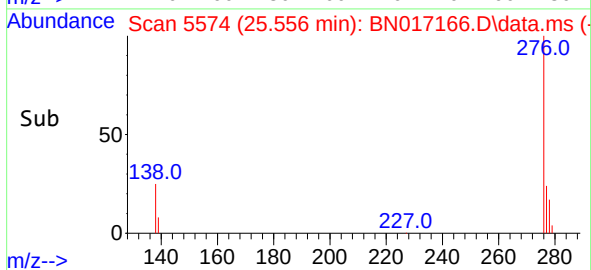
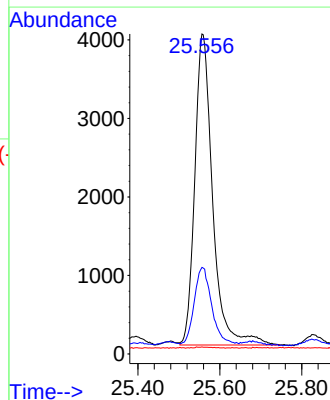
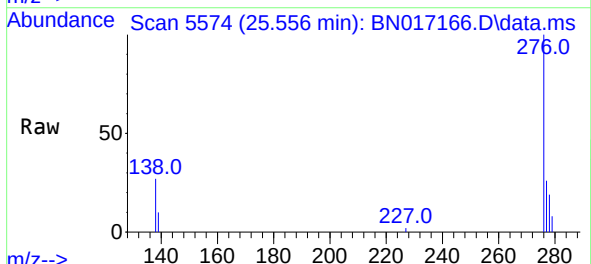
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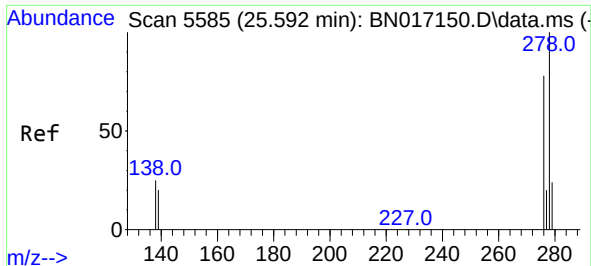
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 25.556 min Scan# 5574
Delta R.T. -0.015 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:	276	Resp:	11998
Ion Ratio	Lower	Upper	
276	100		
138	24.6	22.2	33.4
227	0.3	0.0	0.0#





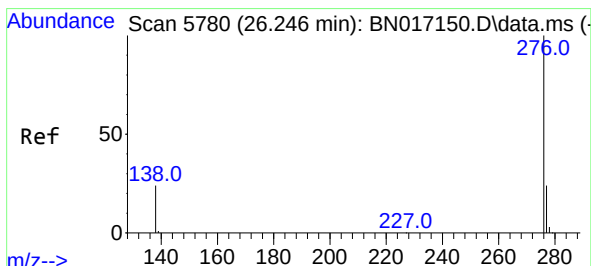
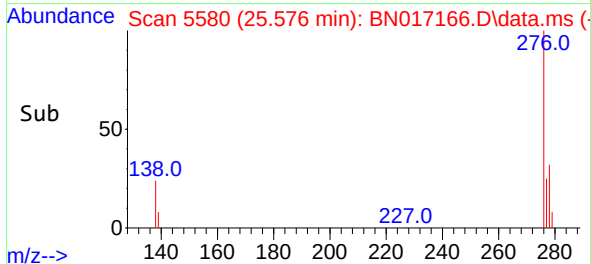
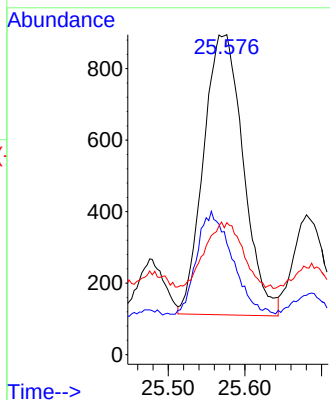
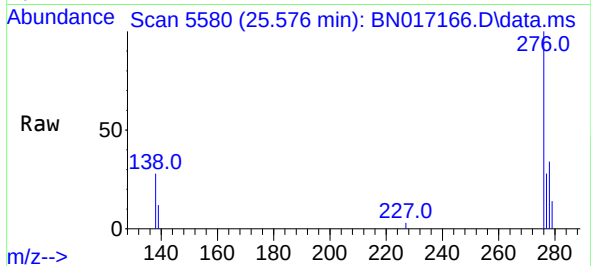
#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.576 min Scan# 5580
Delta R.T. -0.015 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:278 Resp: 2826
Ion Ratio Lower Upper
278 100
139 34.7 15.4 23.0#
279 41.2 19.5 29.3#

Instrument :
BNA_N
ClientSampleId :
C0B10

Manual Integrations
APPROVED

mohammad
10/29/2021 2:24:26 PM



#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 26.237 min Scan# 5777
Delta R.T. -0.009 min
Lab File: BN017166.D
Acq: 28 Oct 2021 21:25

Tgt Ion:276 Resp: 10736
Ion Ratio Lower Upper
276 100
138 26.2 19.2 28.8
277 25.6 19.0 28.6

