

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017157.D
 Acq On : 28 Oct 2021 15:58
 Operator : CG/JU
 Sample : M4205-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9

Manual Integrations
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Quant Time: Oct 28 16:27:35 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	4064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.305	136	15945	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	9876	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	21960	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	21640	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	21845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	560	0.124	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	3604	0.155	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	9896	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.349	128	930	0.021	ng/ul#	78
7) 2-Methylnaphthalene	11.982	142	783	0.026	ng/ul	98
8) 1-Methylnaphthalene	12.202	142	686	0.022	ng/ul	100
10) Acenaphthylene	13.897	152	1103	0.028	ng/ul#	84
15) Phenanthrene	16.977	178	8075	0.116	ng/ul	99
19) Fluoranthene	19.007	202	19049	0.246	ng/ul	100
20) Pyrene	19.370	202	18458	0.232	ng/ul	97
21) Benzo(a)anthracene	21.135	228	9043	0.128	ng/ul	96
22) Chrysene	21.184	228	12046	0.150	ng/ul	98
24) Benzo(b)fluoranthene	22.695	252	16472m	0.202	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	7111m	0.077	ng/ul	
26) Benzo(a)pyrene	23.254	252	9783	0.134	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.565	276	8830	0.085	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.578	278	2247	0.027	ng/ul#	59
29) Benzo(g,h,i)perylene	26.239	276	8374	0.095	ng/ul	94

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

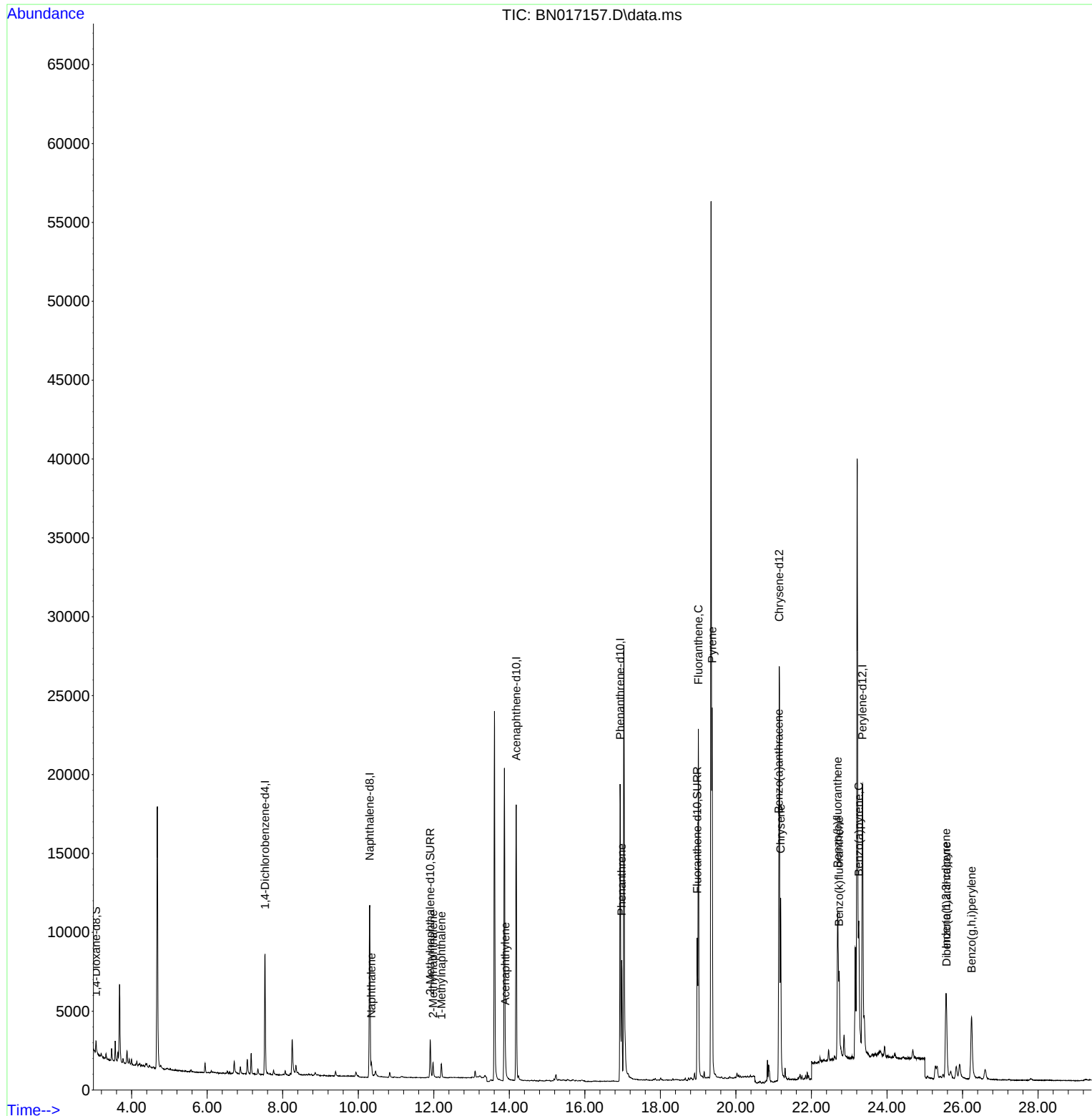
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Data File : BN017157.D
Acq On : 28 Oct 2021 15:58
Operator : CG/JU
Sample : M4205-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

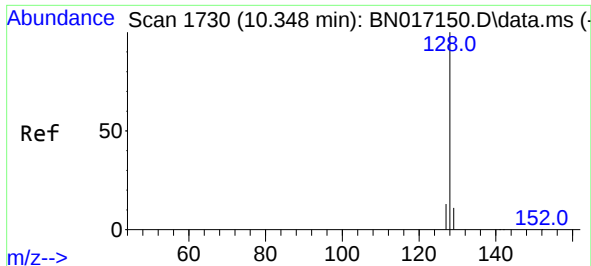
Instrument :
BNA_N
ClientSampleId :
C0A29

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Quant Time: Oct 28 16:27:35 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
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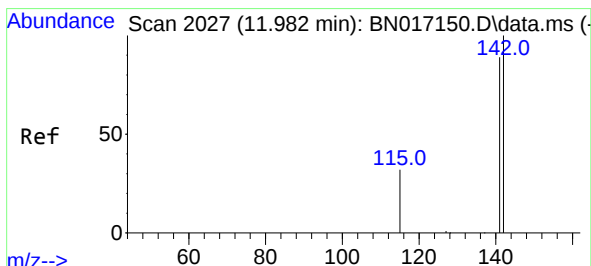
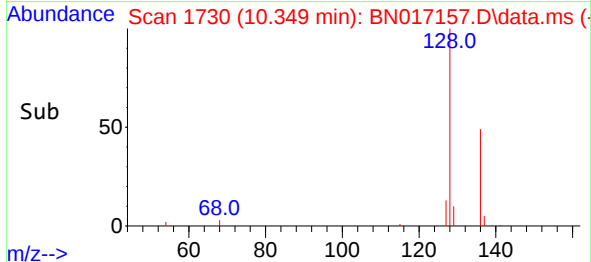
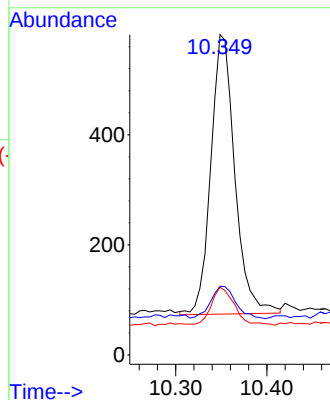
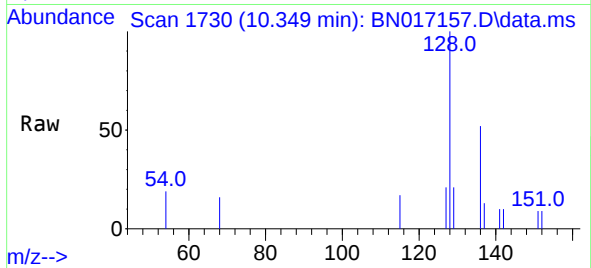
#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:128 Resp: 930
Ion Ratio Lower Upper
128 100
129 21.5 9.2 13.8#
127 21.1 10.8 16.2#

Instrument :
BNA_N
ClientSampled :
C0AZ9

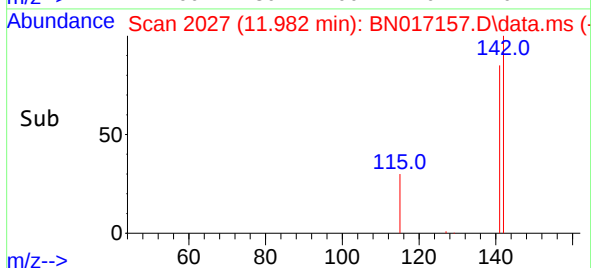
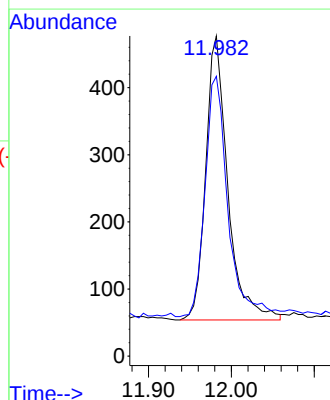
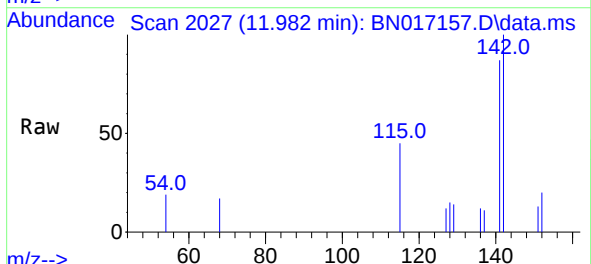
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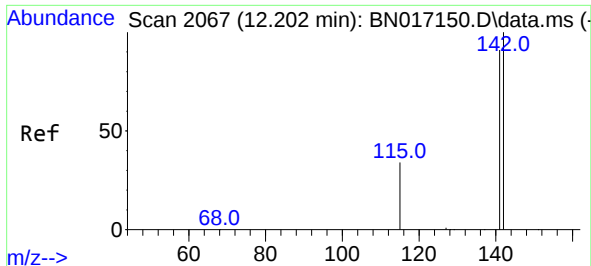
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#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:142 Resp: 783
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.4





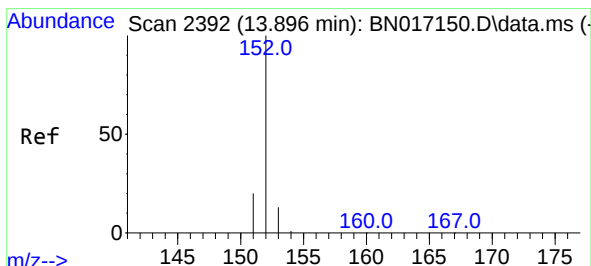
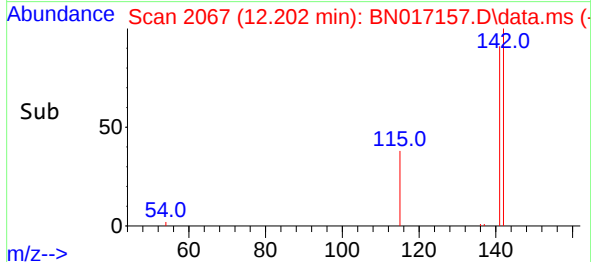
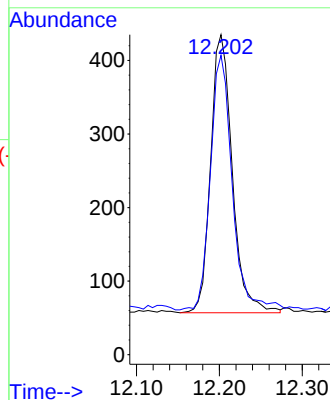
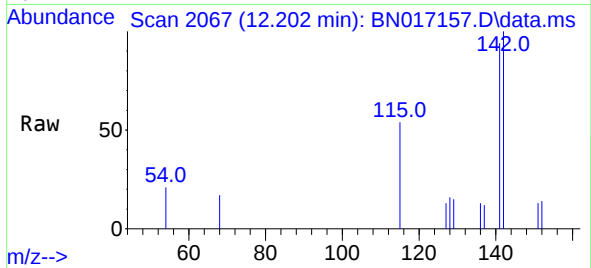
#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:142 Resp: 686
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8

Instrument :
BNA_N
ClientSampled :
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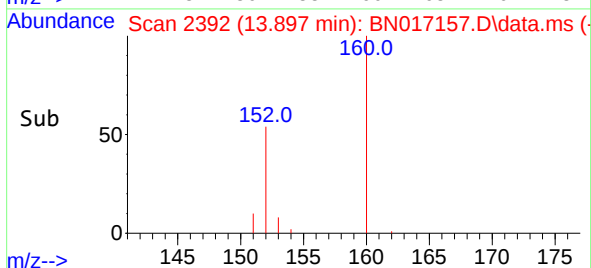
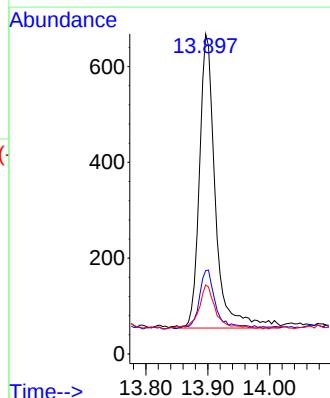
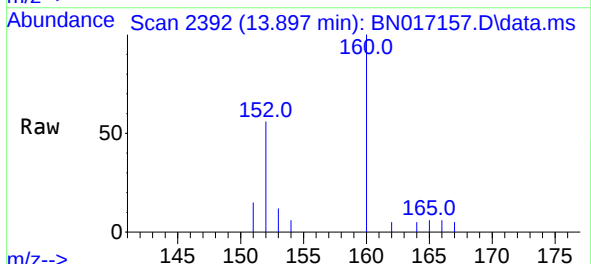
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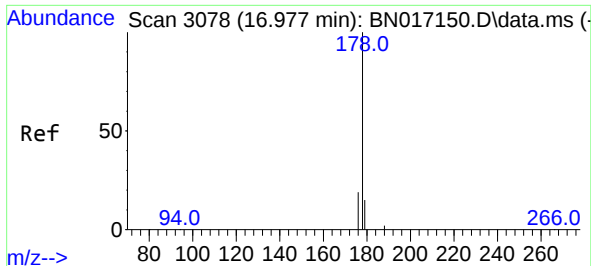
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#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

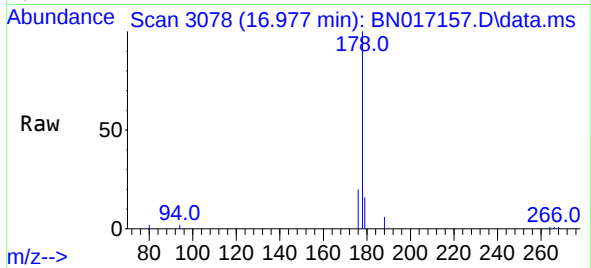
Tgt Ion:152 Resp: 1103
Ion Ratio Lower Upper
152 100
151 26.0 16.0 24.0#
153 21.6 10.8 16.2#





#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

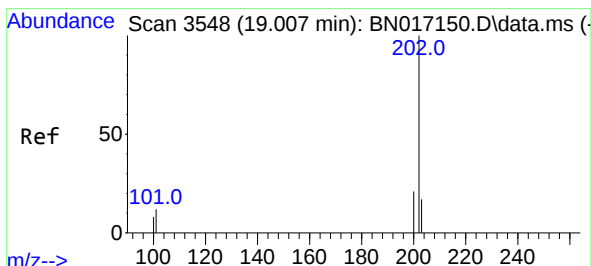
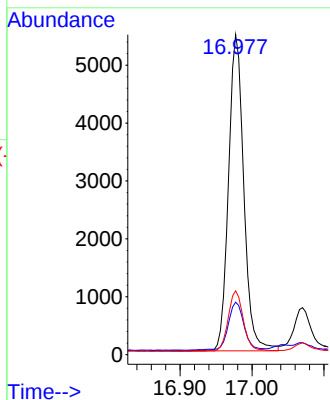
Instrument :
BNA_N
ClientSampleId :
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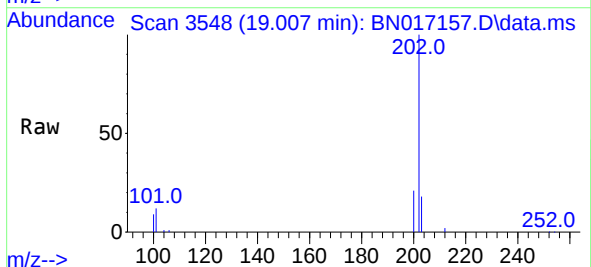
Tgt Ion:	178	Resp:	8075
Ion Ratio	100	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.9	15.5	23.3

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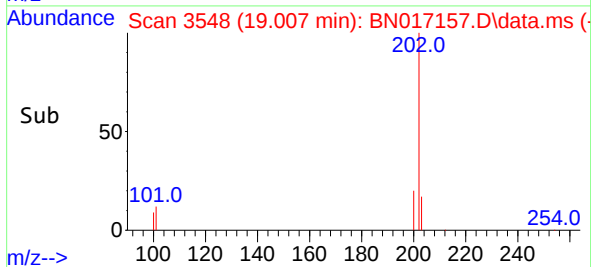
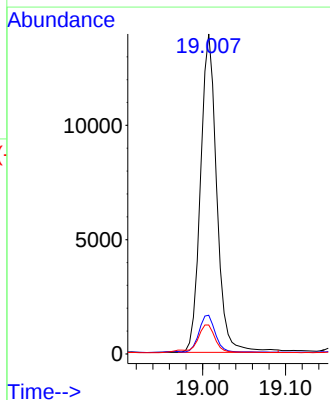
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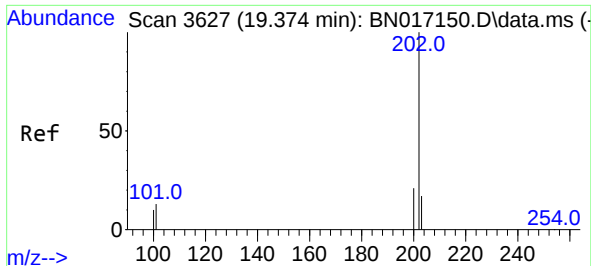


#19
Fluoranthene
Concen: 0.246 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58



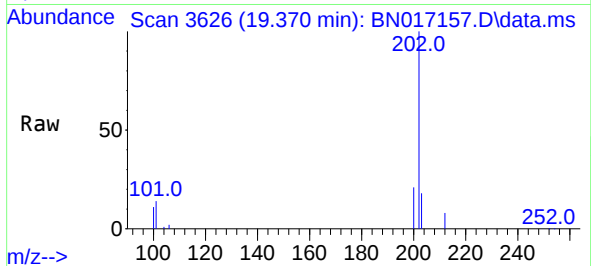
Tgt Ion:	202	Resp:	19049
Ion Ratio	100	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.1	7.2	10.8





#20
Pyrene
Concen: 0.232 ng/ul
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

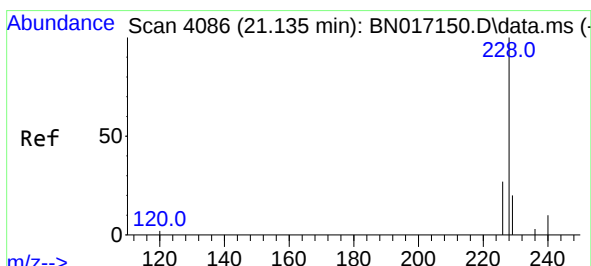
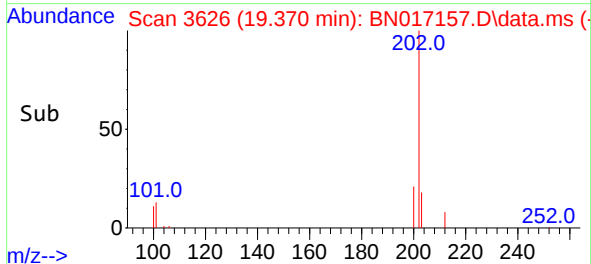
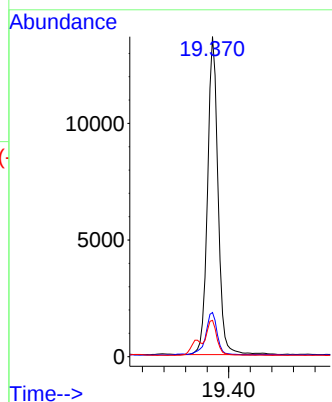
Instrument :
BNA_N
ClientSampleId :
C0AZ9



Tgt Ion:202 Resp: 18458
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.4 8.2 12.2

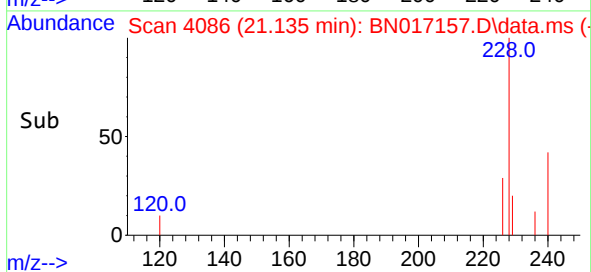
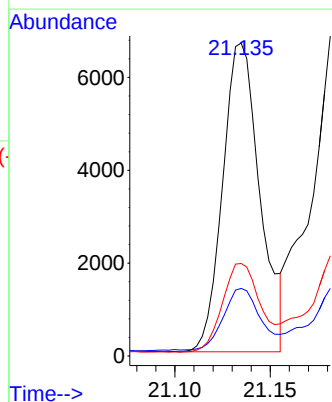
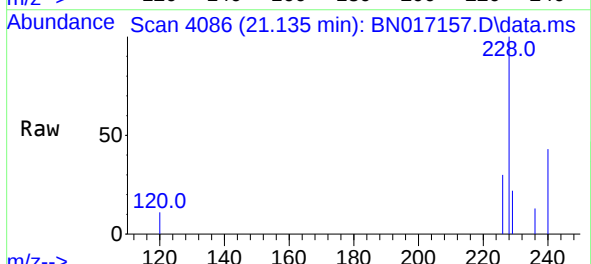
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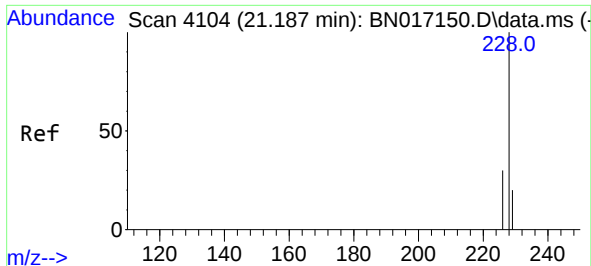
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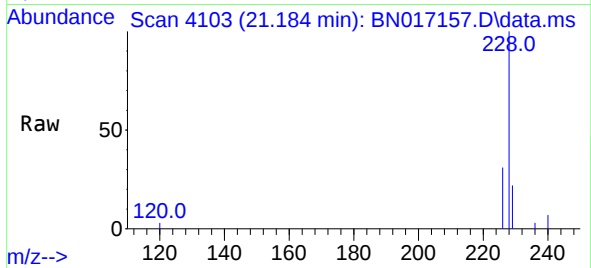
#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:228 Resp: 9043
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 29.6 21.7 32.5

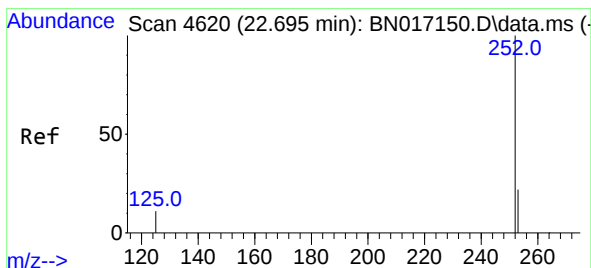
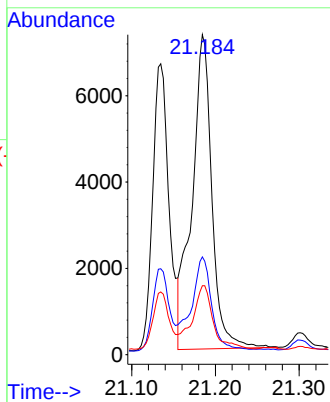
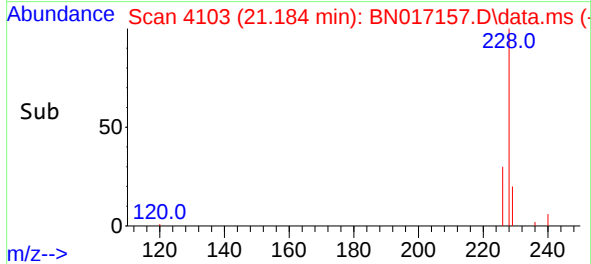




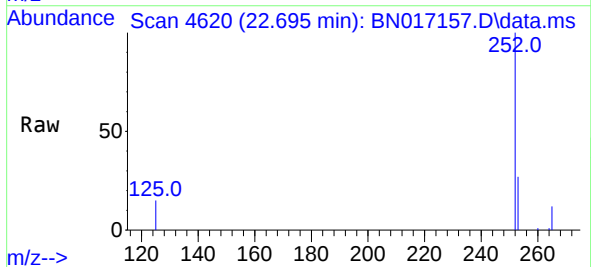
#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58



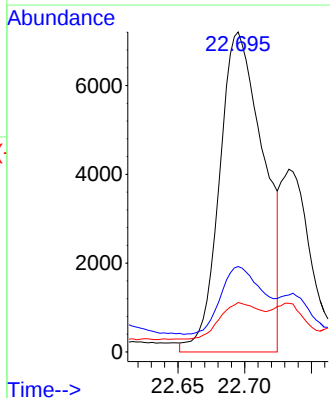
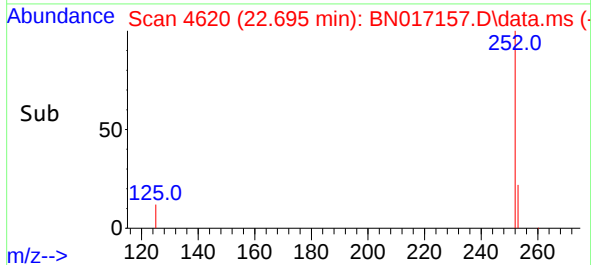
Tgt Ion:228 Resp: 12046
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.5 15.4 23.2



#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. 0.000 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58



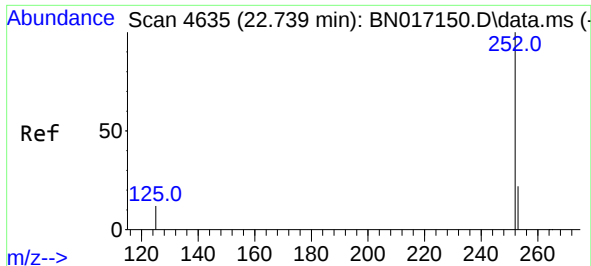
Tgt Ion:252 Resp: 16472
Ion Ratio Lower Upper
252 100
253 26.7 0.0 46.8
125 15.4 0.0 23.8



Instrument :
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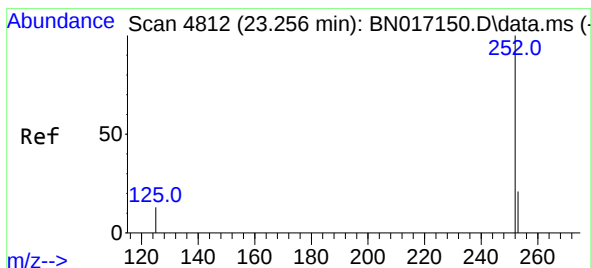
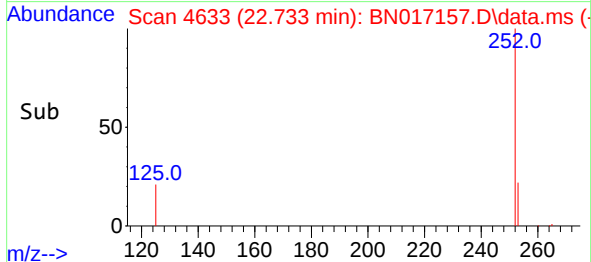
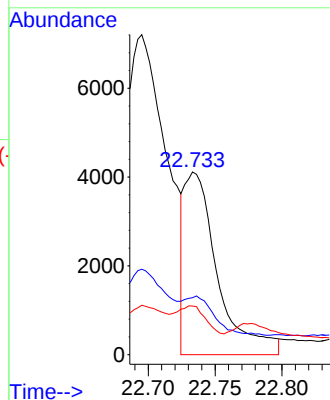
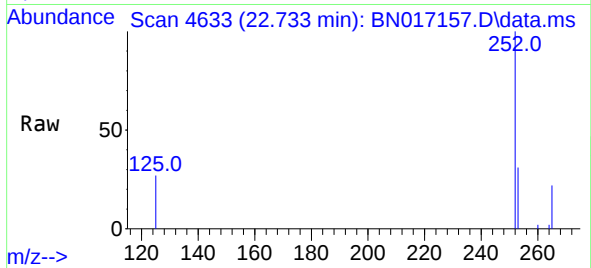
#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.733 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:252 Resp: 7111
Ion Ratio Lower Upper
252 100
253 31.2 18.3 27.5#
125 26.7 10.0 15.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ9

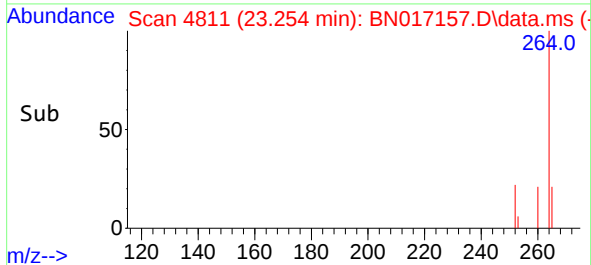
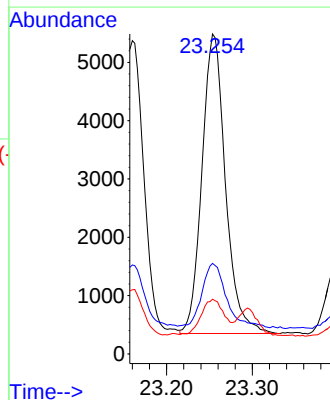
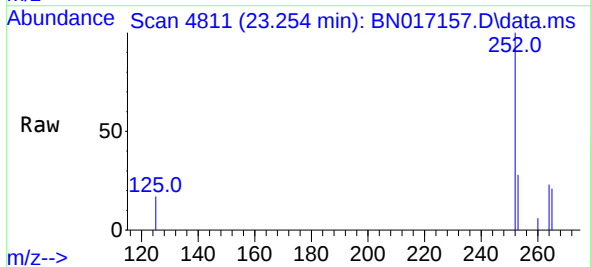
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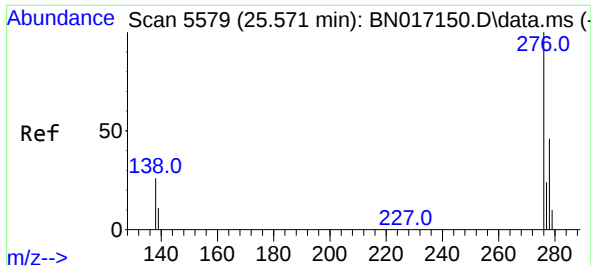
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#26
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion:252 Resp: 9783
Ion Ratio Lower Upper
252 100
253 28.3 19.3 28.9
125 17.1 10.8 16.2#





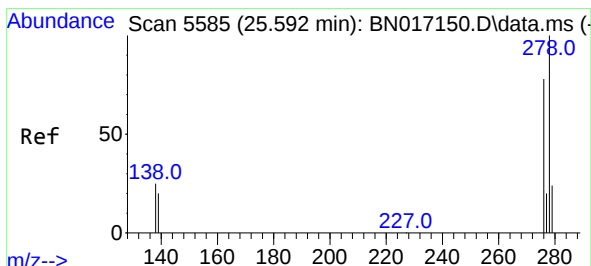
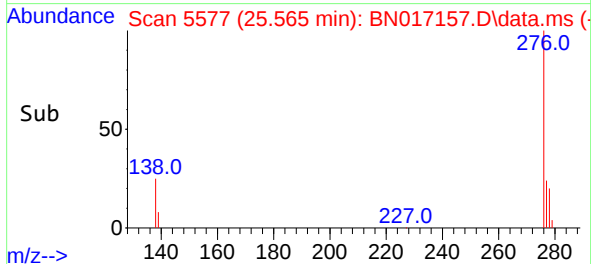
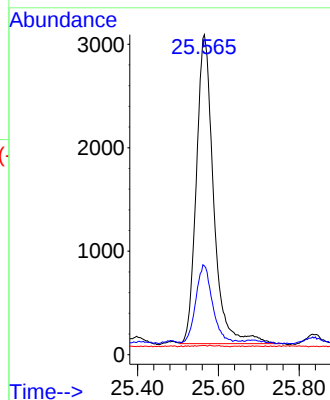
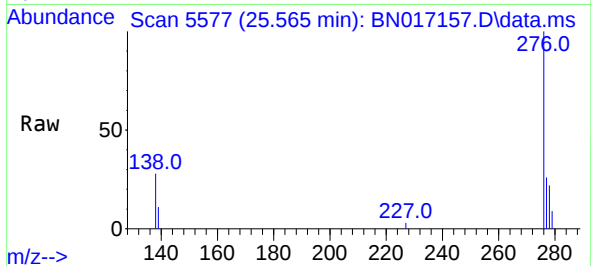
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion: 276 Resp: 8830
Ion Ratio Lower Upper
276 100
138 24.8 22.2 33.4
227 0.1 0.0 0.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ9

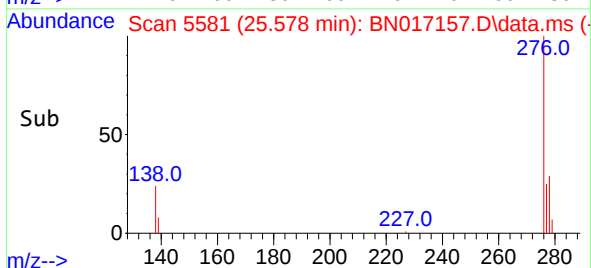
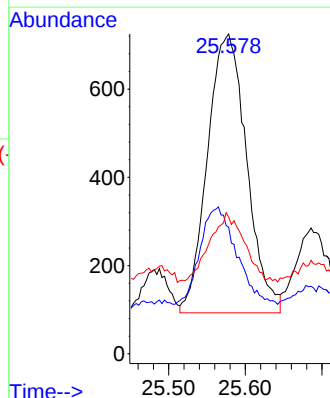
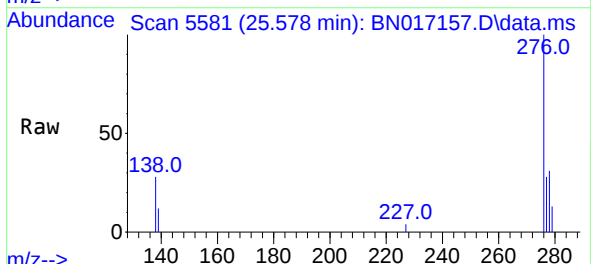
Manual Integrations
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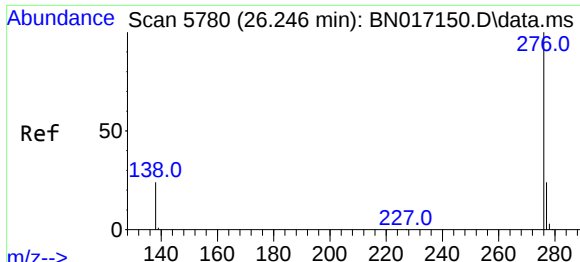
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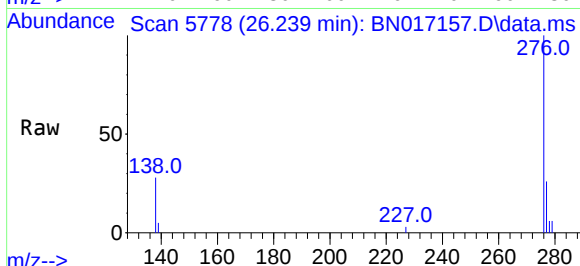
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Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.578 min Scan# 5581
Delta R.T. -0.013 min
Lab File: BN017157.D
Acq: 28 Oct 2021 15:58

Tgt Ion: 278 Resp: 2247
Ion Ratio Lower Upper
278 100
139 39.6 15.4 23.0#
279 42.8 19.5 29.3#

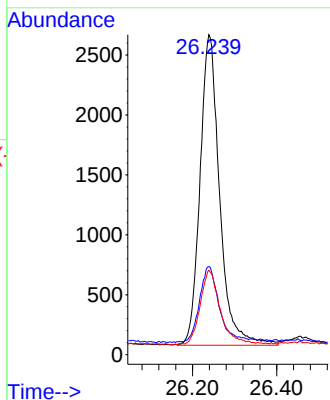
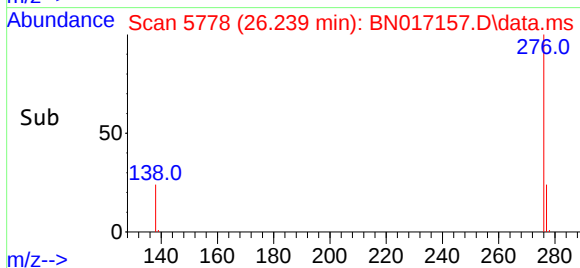




#29
 Benzo(g,h,i)perylene
 Concen: 0.095 ng/ul
 RT: 26.239 min Scan# 5778
 Delta R.T. -0.007 min
 Lab File: BN017157.D
 Acq: 28 Oct 2021 15:58



Tgt Ion:	276	Resp:	8374
Ion	Ratio	Lower	Upper
276	100		
138	27.6	19.2	28.8
277	26.3	19.0	28.6



Instrument :
 BNA_N
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:07 PM