

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017174.D
 Acq On : 29 Oct 2021 02:52
 Operator : CG/JU
 Sample : M4205-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B01

Manual Integrations
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Quant Time: Oct 29 03:35:00 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	4650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	18509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	11347	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	25227	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	25370	0.400	ng/ul	0.00
23) Perylene-d12	23.344	264	25791	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	2951	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	5285	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.975	212	14681	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	6237	0.122	ng/ul	97
7) 2-Methylnaphthalene	11.976	142	4560	0.129	ng/ul	99
8) 1-Methylnaphthalene	12.202	142	3958	0.109	ng/ul	100
10) Acenaphthylene	13.896	152	2726	0.061	ng/ul#	91
15) Phenanthrene	16.977	178	28787	0.360	ng/ul	100
16) Anthracene	17.070	178	2816	0.042	ng/ul#	94
19) Fluoranthene	19.007	202	48935	0.539	ng/ul	98
20) Pyrene	19.370	202	51270	0.551	ng/ul	99
21) Benzo(a)anthracene	21.129	228	19196	0.231	ng/ul	97
22) Chrysene	21.178	228	29648	0.315	ng/ul	98
24) Benzo(b)fluoranthene	22.686	252	35540m	0.370	ng/ul	
25) Benzo(k)fluoranthene	22.727	252	15217m	0.140	ng/ul	
26) Benzo(a)pyrene	23.248	252	24324	0.282	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.558	276	18874	0.154	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.571	278	4594	0.047	ng/ul#	75
29) Benzo(g,h,i)perylene	26.232	276	17605	0.170	ng/ul	97

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

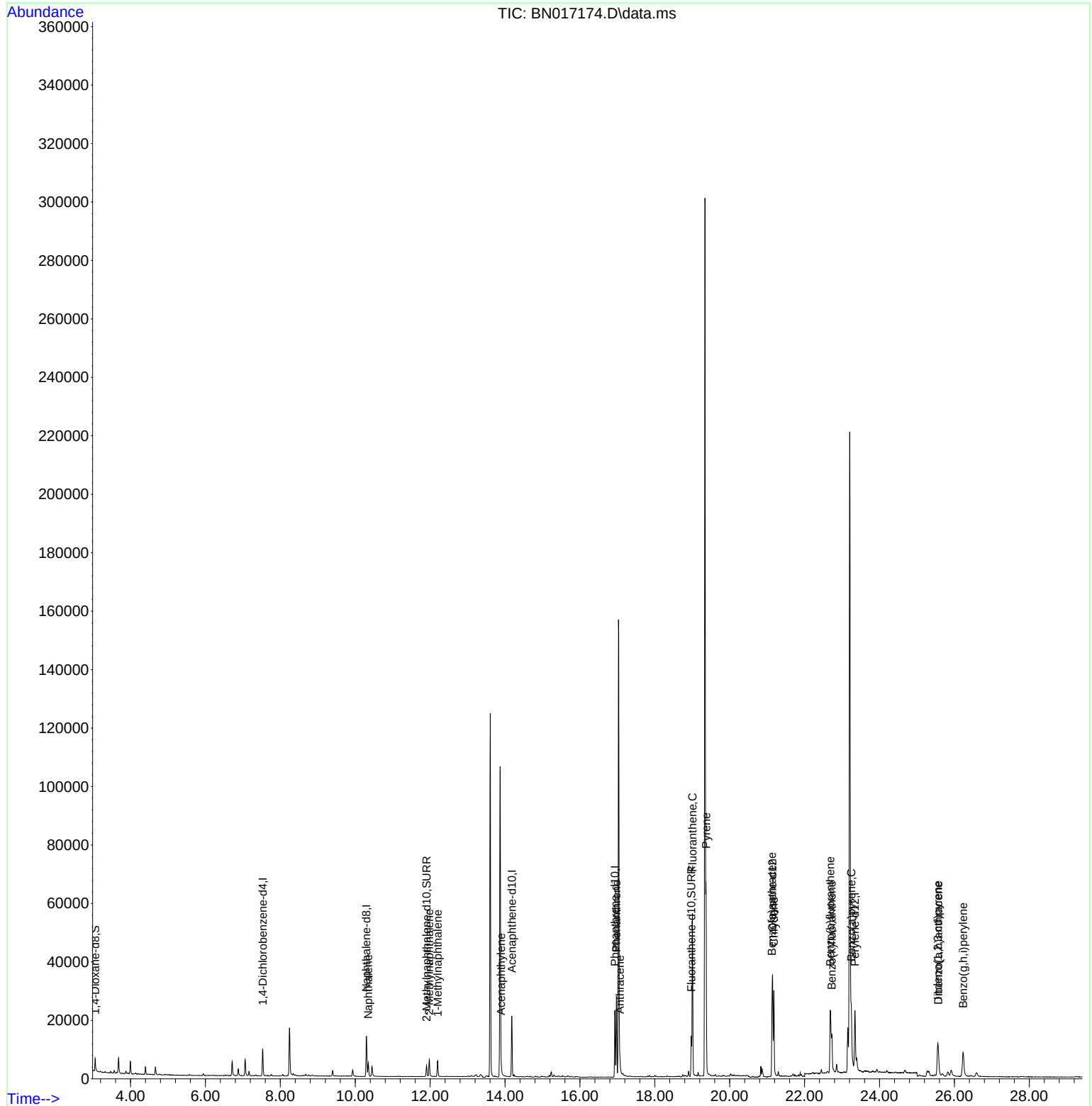
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017174.D
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Sample : M4205-05
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ALS Vial : 47 Sample Multiplier: 1

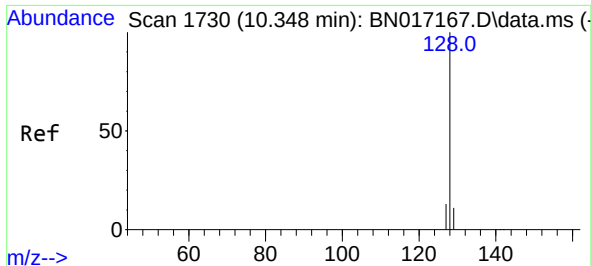
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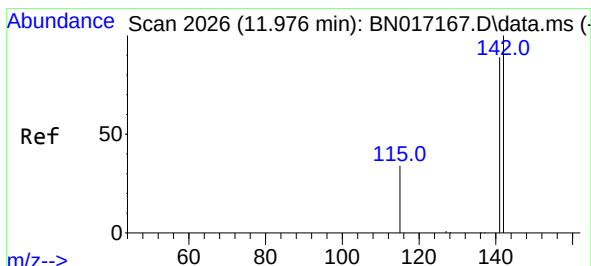
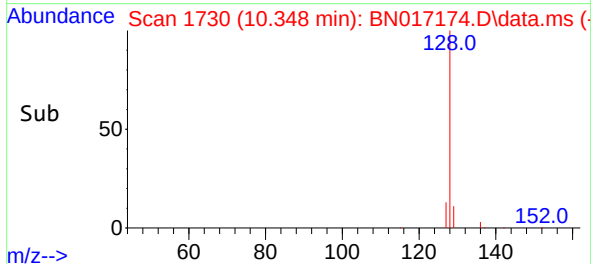
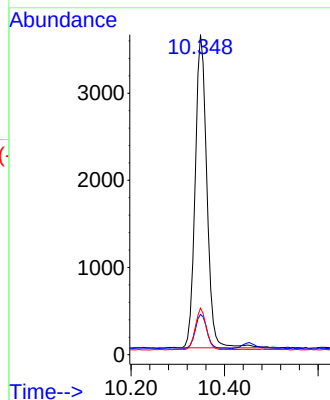
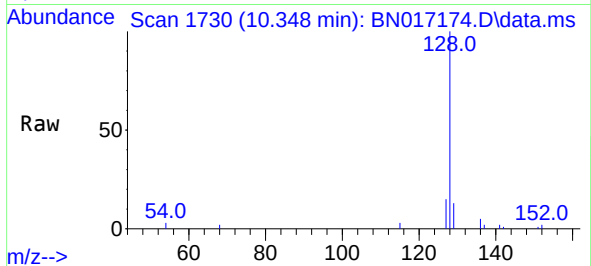
#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:128 Resp: 6237
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.6 10.8 16.2

Instrument :
BNA_N
ClientSampleId :
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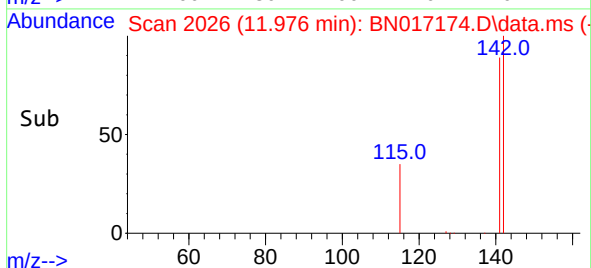
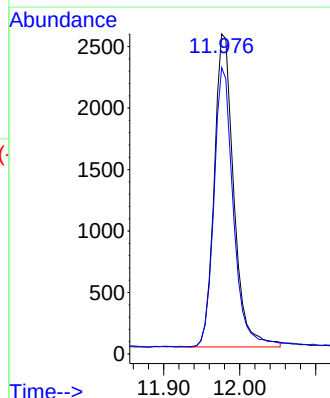
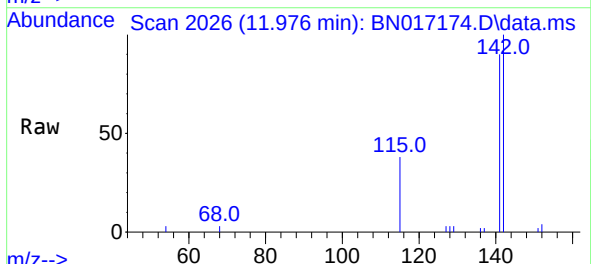
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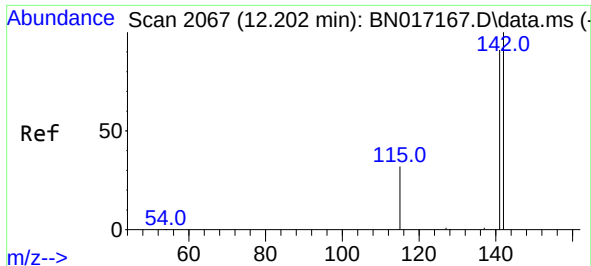
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#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:142 Resp: 4560
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4





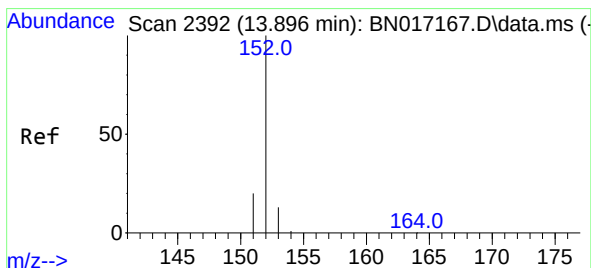
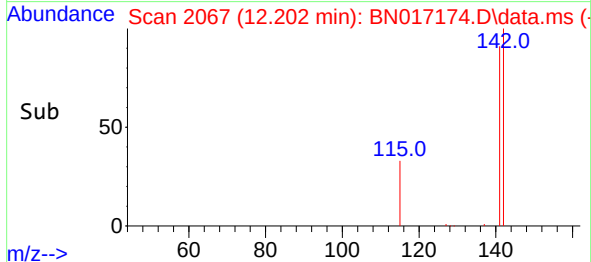
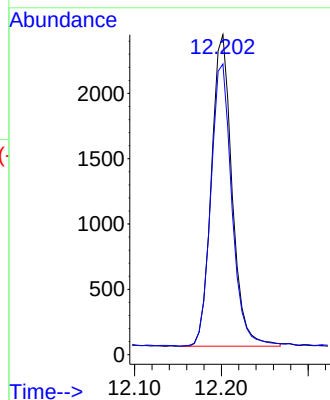
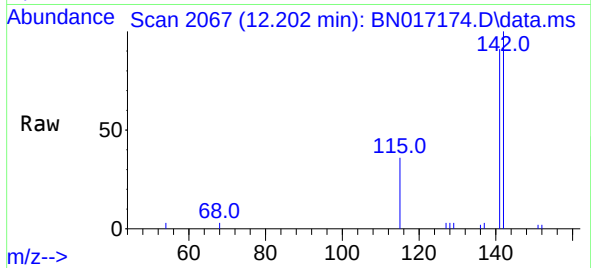
#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:142 Resp: 3958
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

Instrument :
BNA_N
ClientSampleId :
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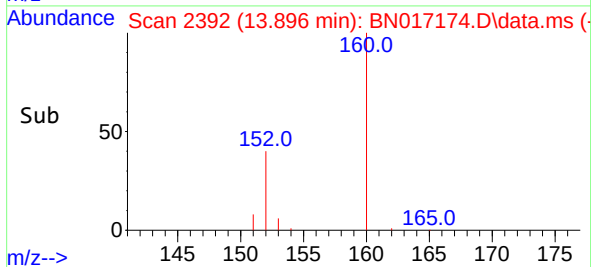
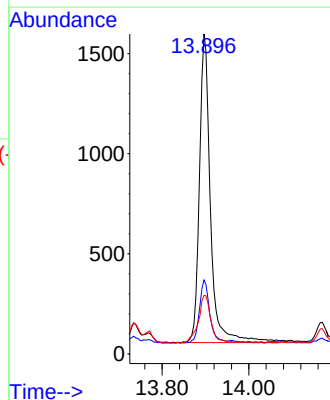
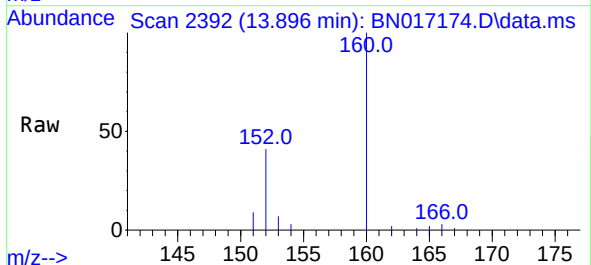
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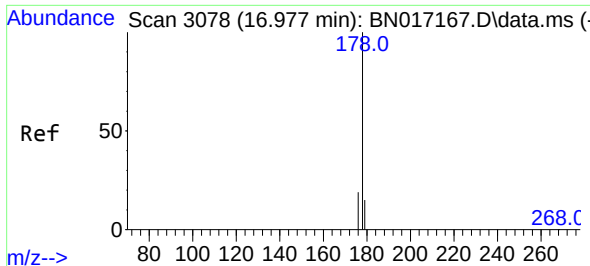
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#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

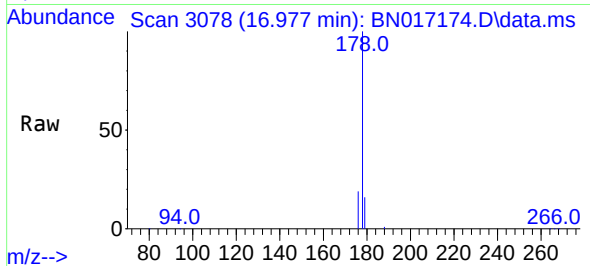
Tgt Ion:152 Resp: 2726
Ion Ratio Lower Upper
152 100
151 23.1 16.0 24.0
153 18.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.360 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

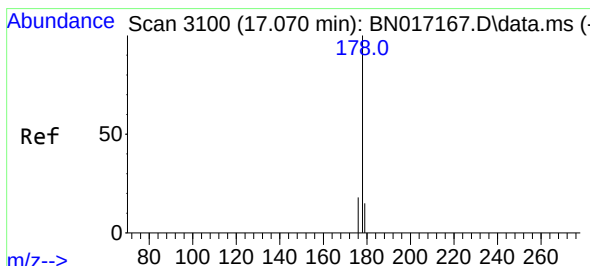
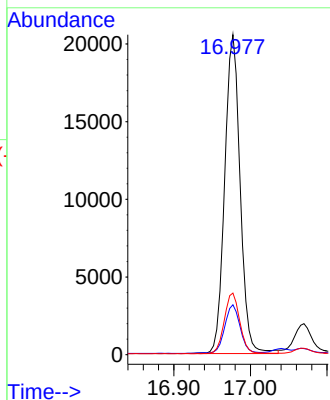
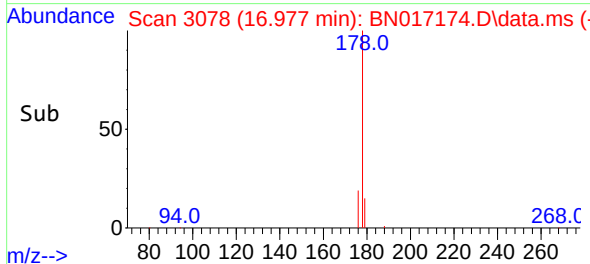
Instrument :
BNA_N
ClientSampleId :
C0B01



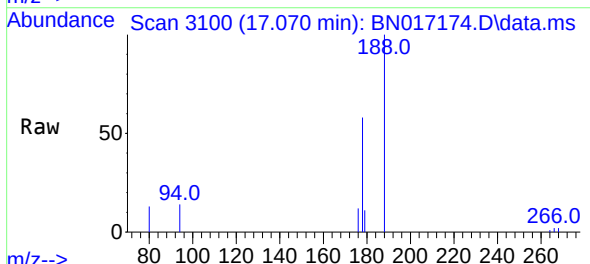
Tgt Ion:178 Resp: 28787
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.5 23.3

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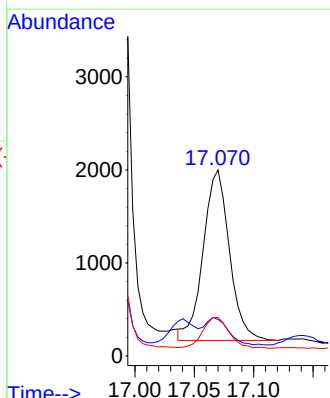
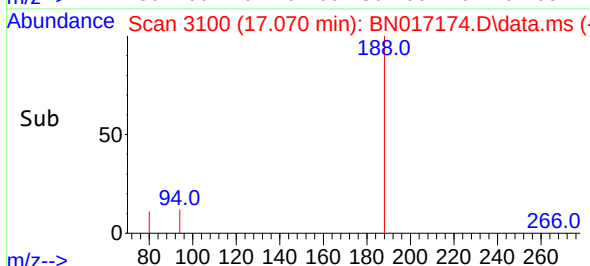
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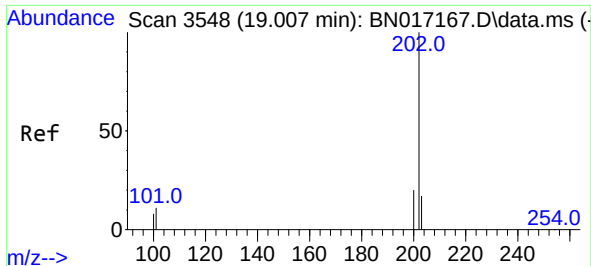


#16
Anthracene
Concen: 0.042 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52



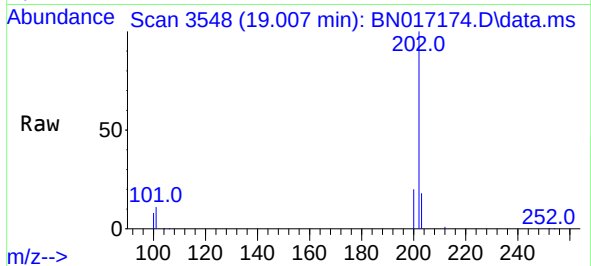
Tgt Ion:178 Resp: 2816
Ion Ratio Lower Upper
178 100
179 19.6 12.6 19.0#
176 20.7 15.2 22.8





#19
Fluoranthene
Concen: 0.539 ng/u1
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

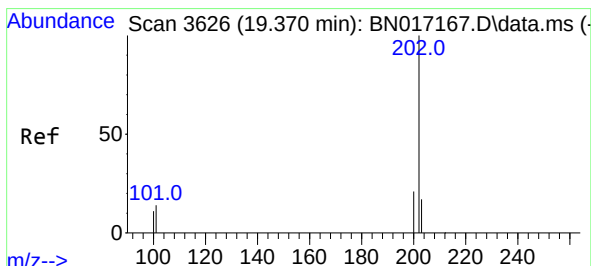
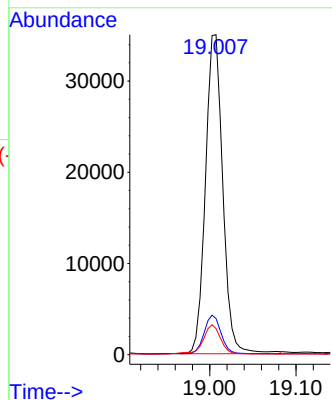
Instrument :
BNA_N
ClientSampleId :
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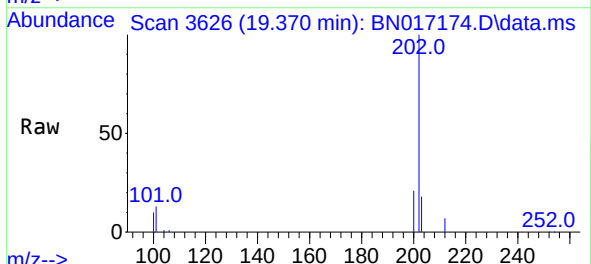
Tgt Ion:202 Resp: 48935
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.1 7.2 10.8

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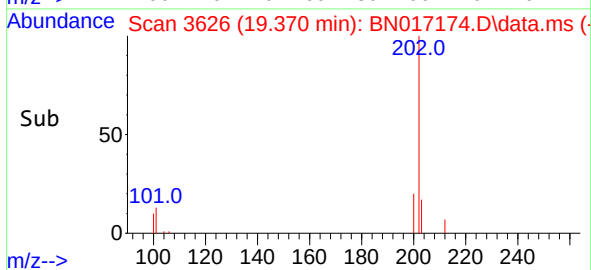
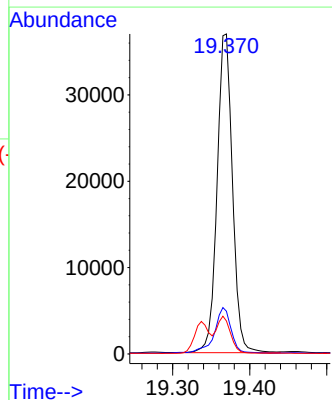
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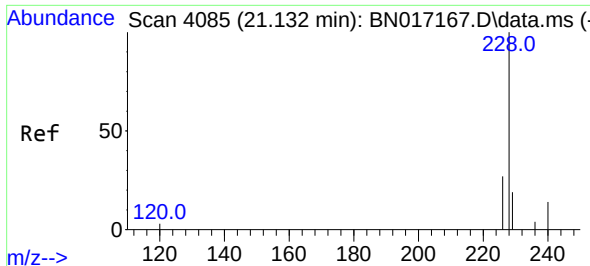


#20
Pyrene
Concen: 0.551 ng/u1
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52



Tgt Ion:202 Resp: 51270
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.3 8.2 12.2





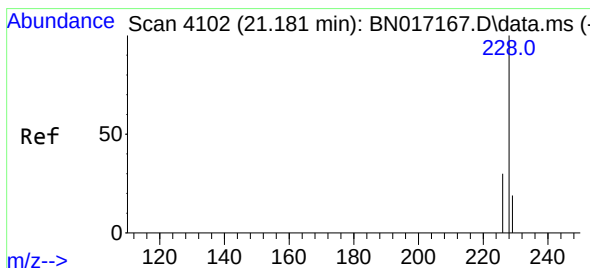
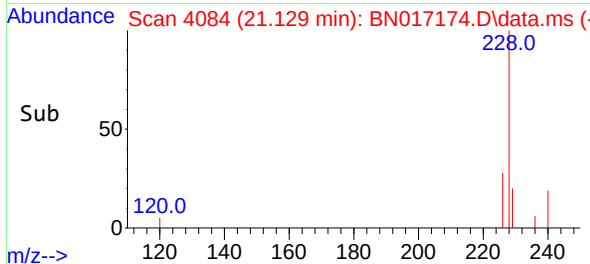
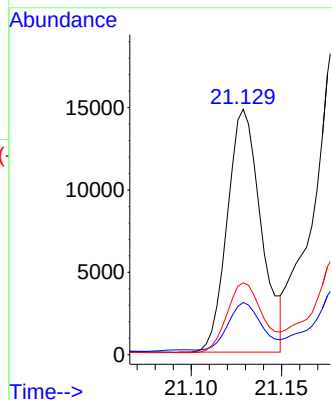
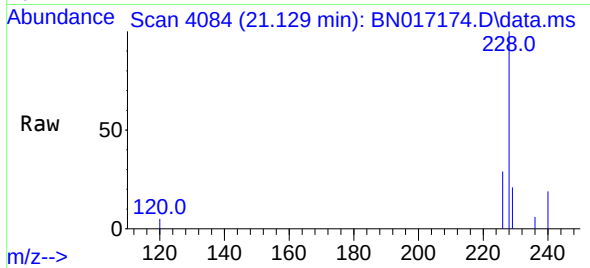
#21
Benzo(a)anthracene
Concen: 0.231 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.006 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:228	Resp:	19196
Ion Ratio	Lower	Upper
228	100	
229	21.3	16.1 24.1
226	29.3	21.7 32.5

Instrument :
BNA_N
ClientSampled :
C0B01

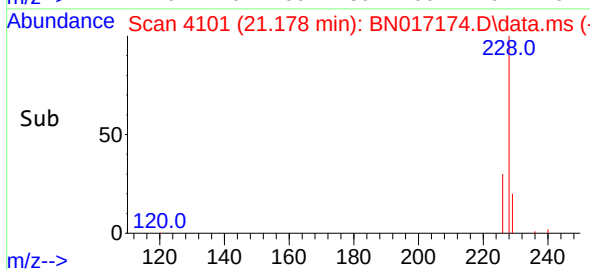
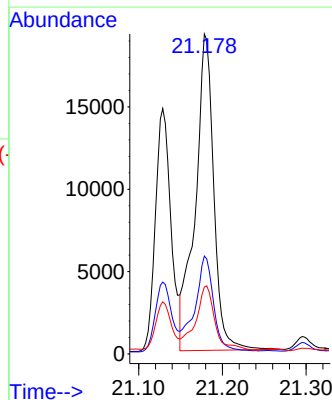
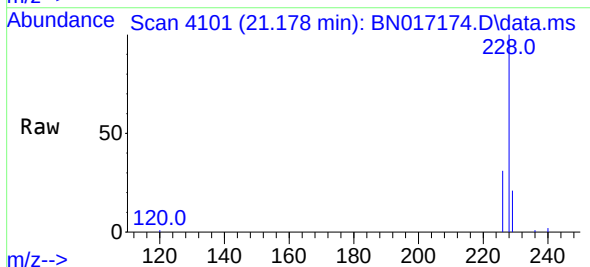
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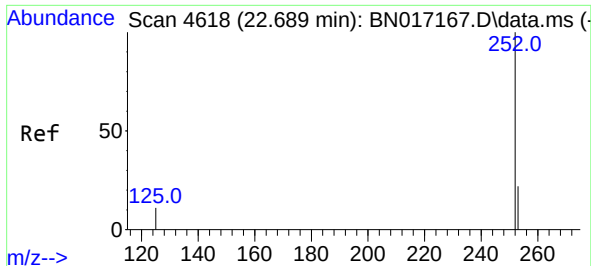
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#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.009 min
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Tgt Ion:228	Resp:	29648
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.1 36.1
229	20.9	15.4 23.2





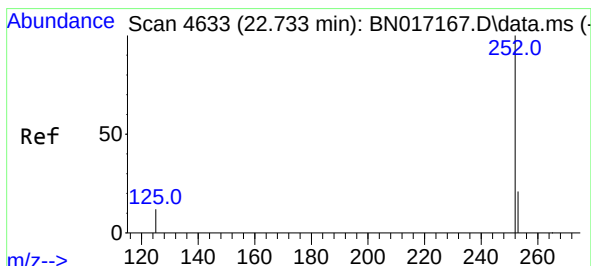
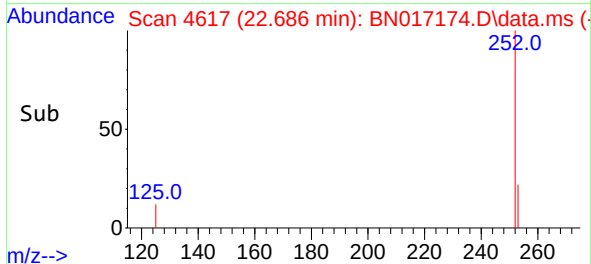
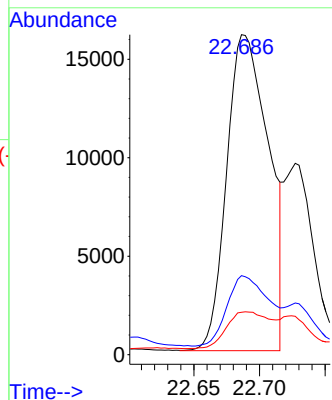
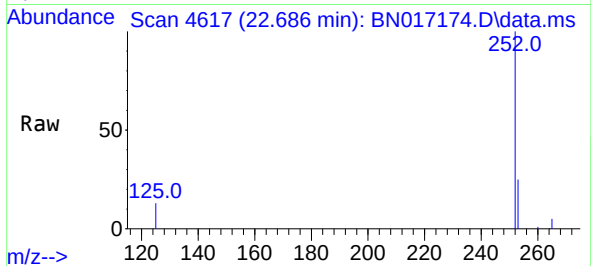
#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:252 Resp: 35540
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 13.3 0.0 23.8

Instrument :
BNA_N
ClientSampled :
C0B01

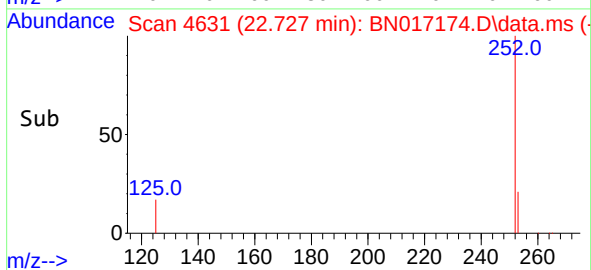
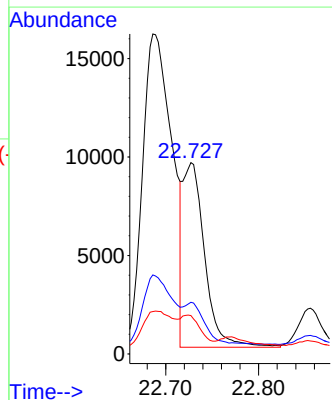
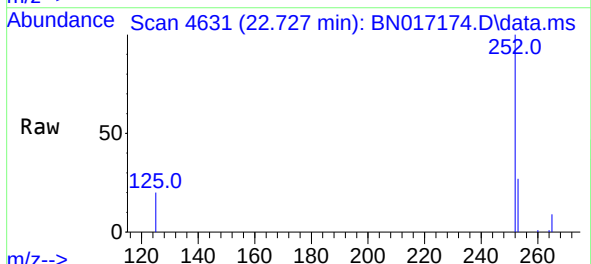
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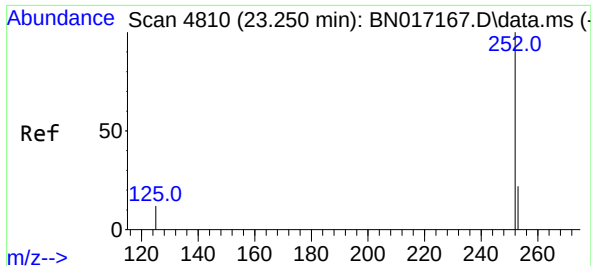
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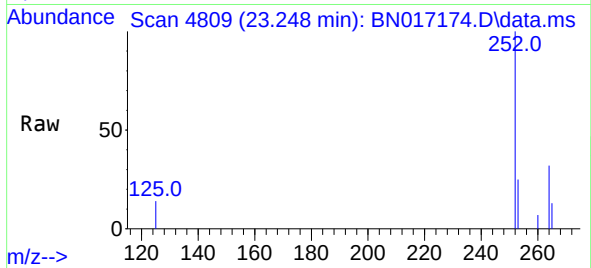
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Benzo(k)fluoranthene
Concen: 0.140 ng/ul m
RT: 22.727 min Scan# 4631
Delta R.T. -0.012 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:252 Resp: 15217
Ion Ratio Lower Upper
252 100
253 27.0 18.3 27.5
125 20.1 10.0 15.0#

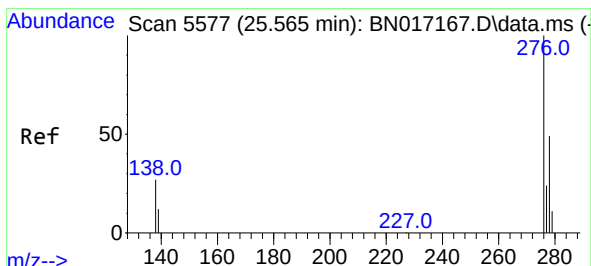
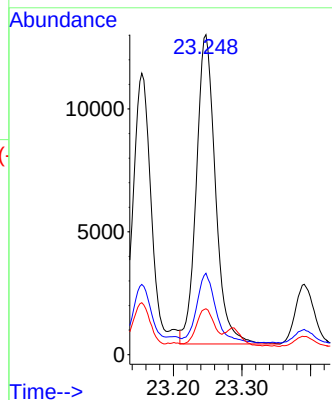
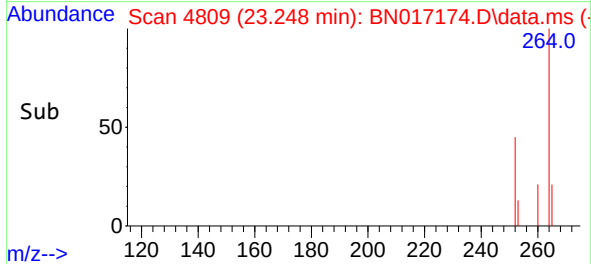




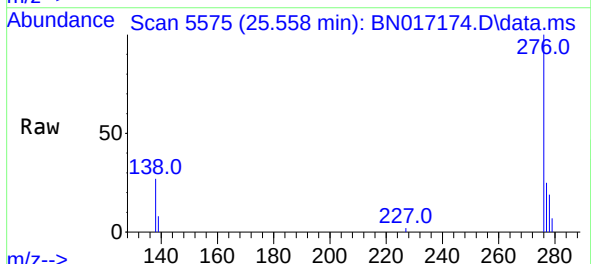
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Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.248 min Scan# 4809
Delta R.T. -0.009 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52



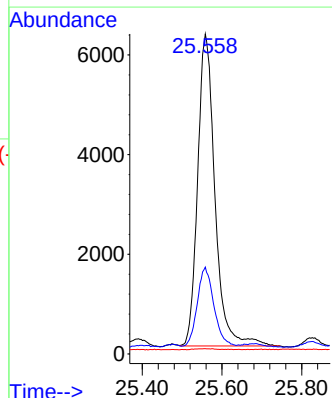
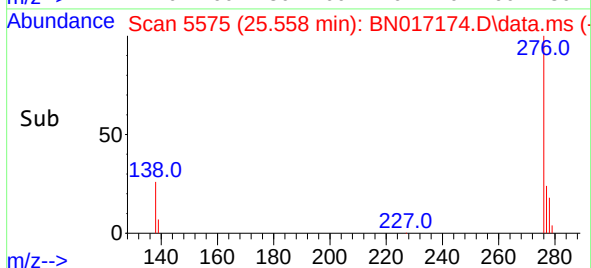
Tgt Ion: 252 Resp: 24324
Ion Ratio Lower Upper
252 100
253 25.5 19.3 28.9
125 14.4 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.558 min Scan# 5575
Delta R.T. -0.013 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52



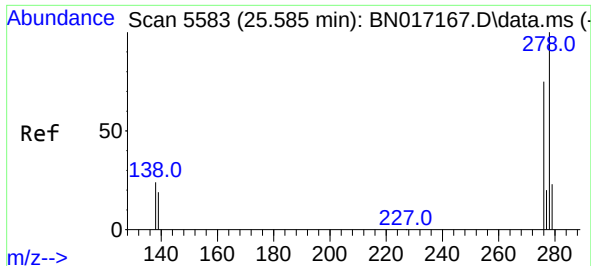
Tgt Ion: 276 Resp: 18874
Ion Ratio Lower Upper
276 100
138 24.2 22.2 33.4
227 0.3 0.0 0.0#



Instrument :
BNA_N
ClientSampleId :
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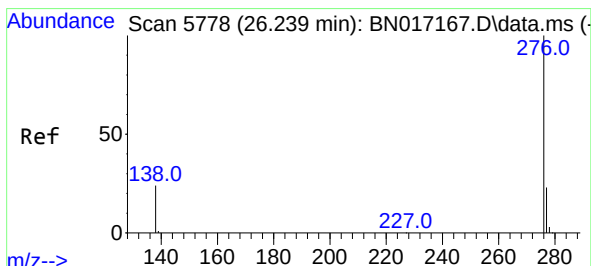
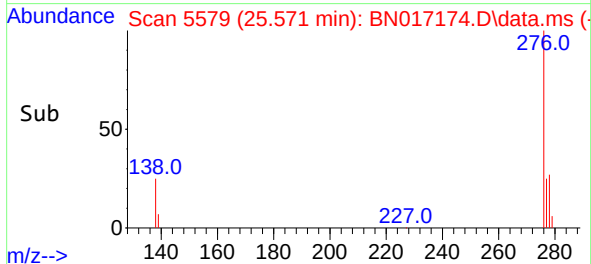
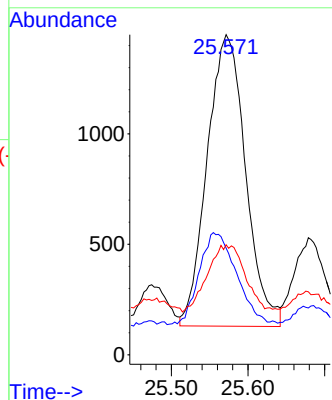
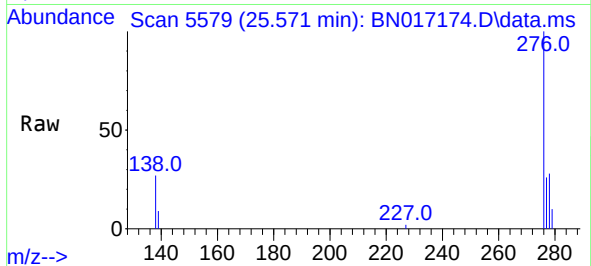
#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.571 min Scan# 5579
Delta R.T. -0.020 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:278 Resp: 4594
Ion Ratio Lower Upper
278 100
139 33.3 15.4 23.0#
279 34.4 19.5 29.3#

Instrument :
BNA_N
ClientSampleId :
C0B01

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BN017174.D
Acq: 29 Oct 2021 02:52

Tgt Ion:276 Resp: 17605
Ion Ratio Lower Upper
276 100
138 26.0 19.2 28.8
277 24.7 19.0 28.6

