

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015473.D
 Acq On : 10 Jul 2021 08:02
 Operator : CG/JU
 Sample : M2808-09DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDR4DL

Manual Integrations
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Quant Time: Jul 11 06:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	3325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11457	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6000	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	11964	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	9778	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	8830	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3364	0.898	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	1203	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	2472	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	1415	0.039	ng/ul#	89
10) Acenaphthylene	14.053	152	1550	0.050	ng/ul#	89
11) Acenaphthene	14.395	153	609	0.026	ng/ul	95
12) Fluorene	15.390	166	1006	0.038	ng/ul#	98
15) Phenanthrene	17.124	178	9517	0.219	ng/ul	98
16) Anthracene	17.217	178	5982	0.156	ng/ul	98
19) Fluoranthene	19.146	202	32082	0.710	ng/ul	98
20) Pyrene	19.508	202	28997	0.640	ng/ul	98
21) Benzo(a)anthracene	21.267	228	18923	0.522	ng/ul	95
22) Chrysene	21.319	228	16161	0.373	ng/ul	98
24) Benzo(b)fluoranthene	22.851	252	17827m	0.432	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	6898m	0.148	ng/ul	
26) Benzo(a)pyrene	23.421	252	12034	0.347	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.760	276	6559	0.157	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.763	278	1959	0.060	ng/ul#	76
29) Benzo(g,h,i)perylene	26.444	276	950	0.025	ng/ul#	60

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

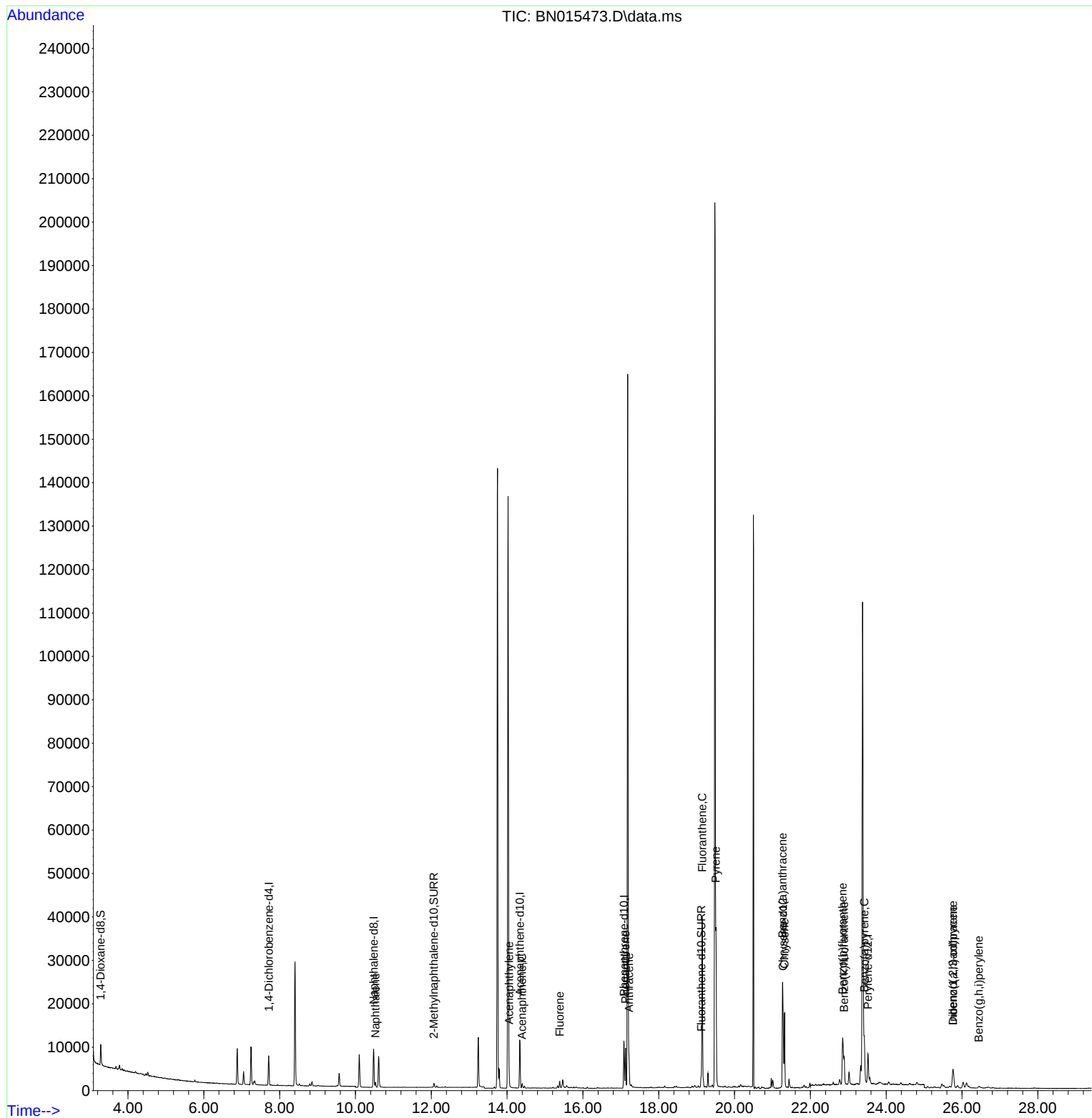
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Data File : BN015473.D
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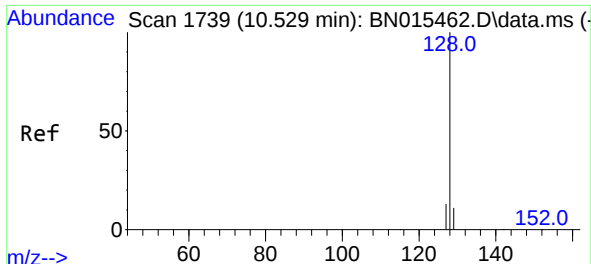
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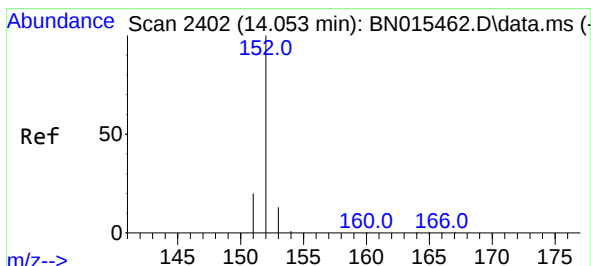
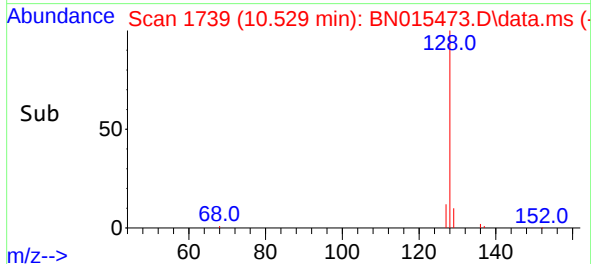
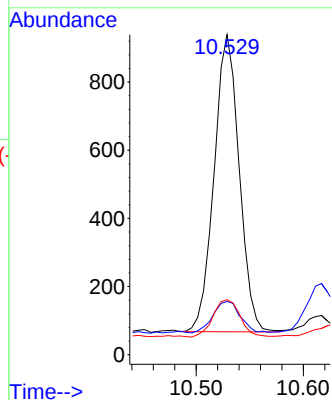
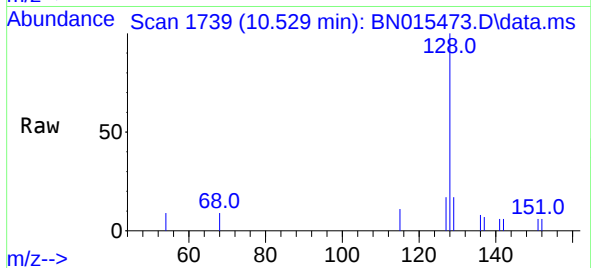
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Naphthalene
Concen: 0.039 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	128	Resp:	1415
Ion Ratio	Lower	Upper	
128	100		
129	16.6	9.3	13.9#
127	17.1	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
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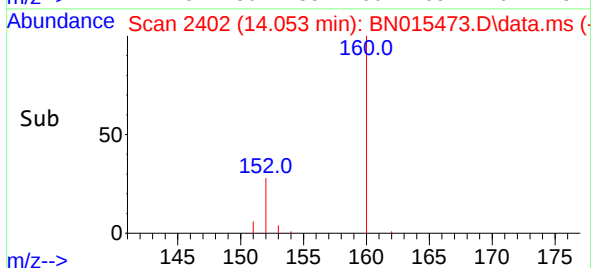
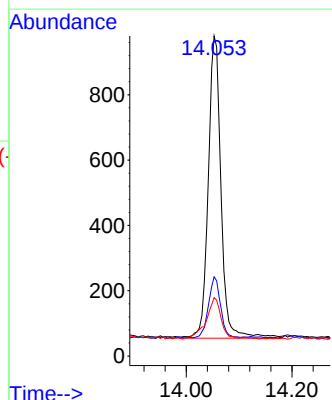
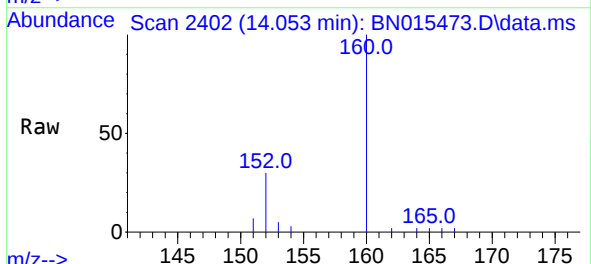
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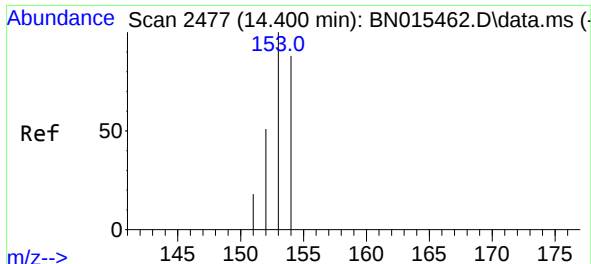
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#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	152	Resp:	1550
Ion Ratio	Lower	Upper	
152	100		
151	24.8	16.0	24.0#
153	18.3	10.9	16.3#





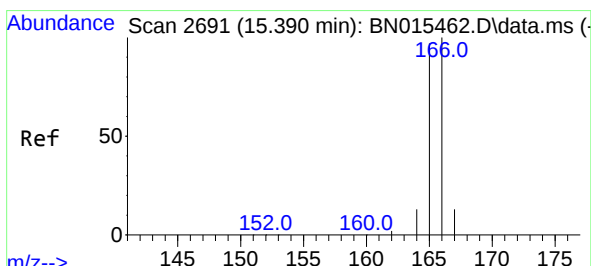
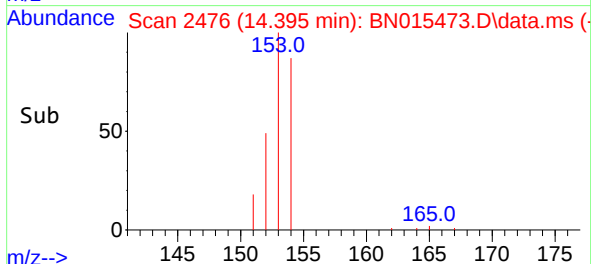
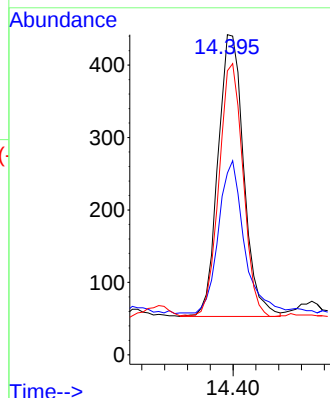
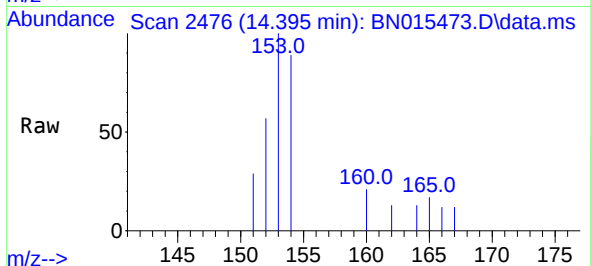
#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.395 min Scan# 2476
Delta R.T. -0.005 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	153	Resp:	609
Ion	Ratio	Lower	Upper
153	100		
152	56.8	39.8	59.6
154	88.7	69.8	104.8

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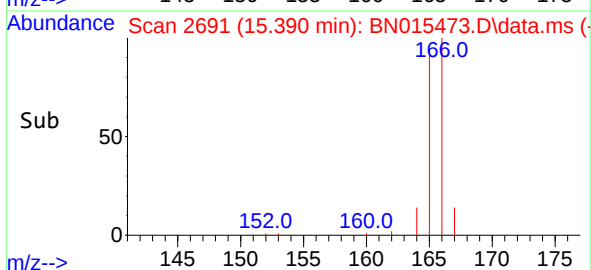
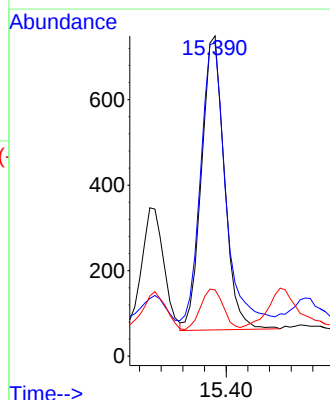
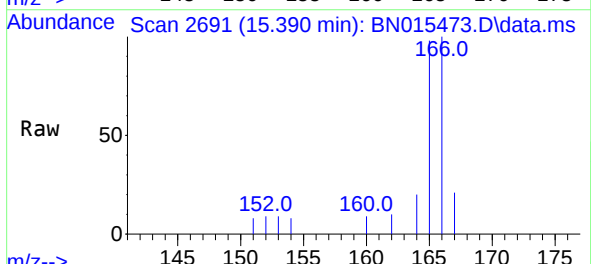
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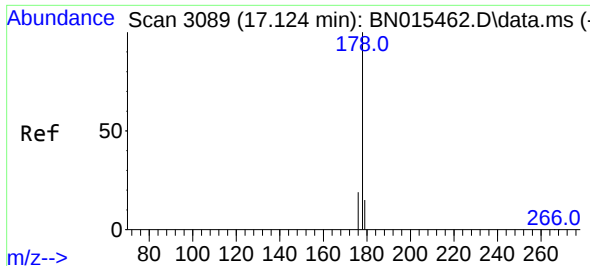
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#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

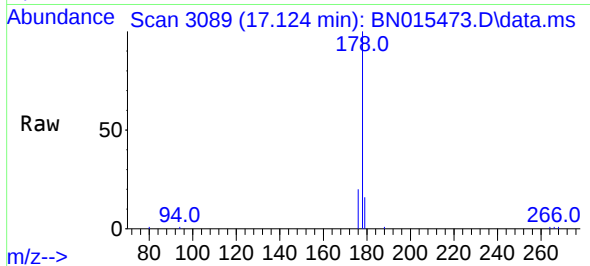
Tgt Ion:	166	Resp:	1006
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	20.7	11.2	16.8#





#15
Phenanthrene
Concen: 0.219 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

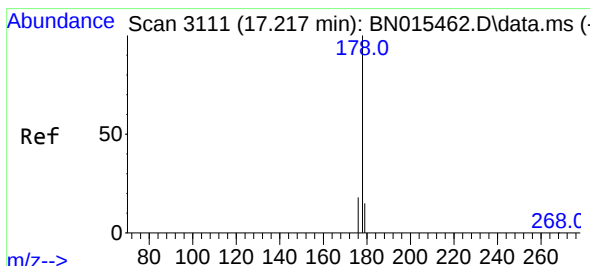
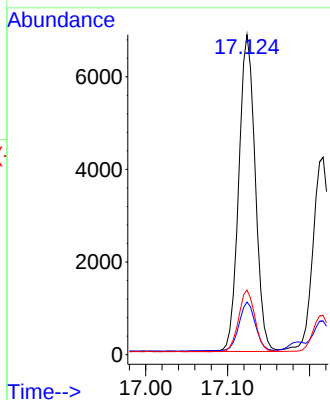
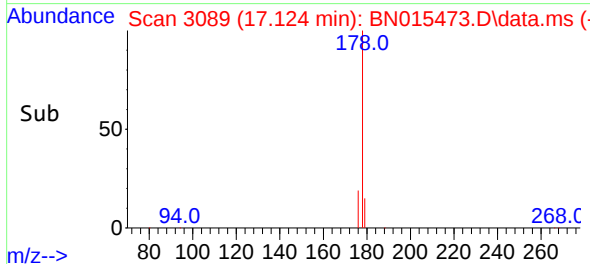
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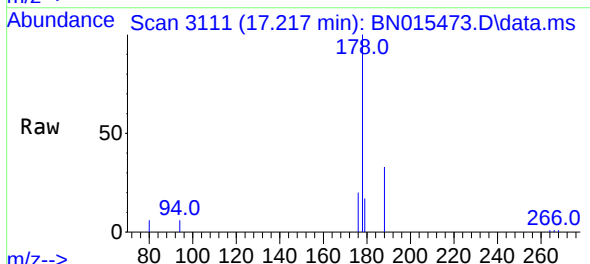
Tgt Ion:178 Resp: 9517
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 20.2 15.5 23.3

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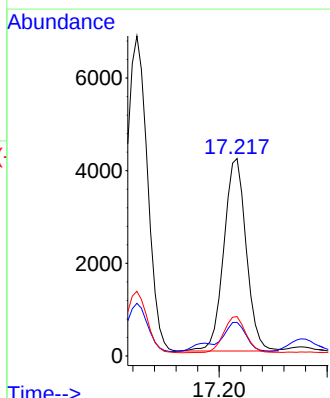
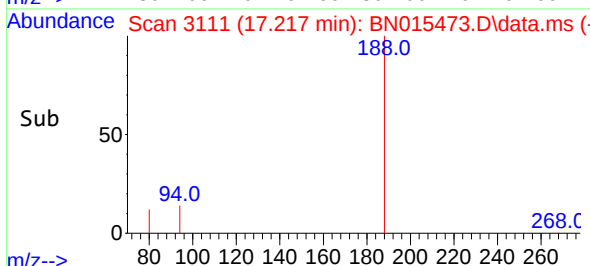
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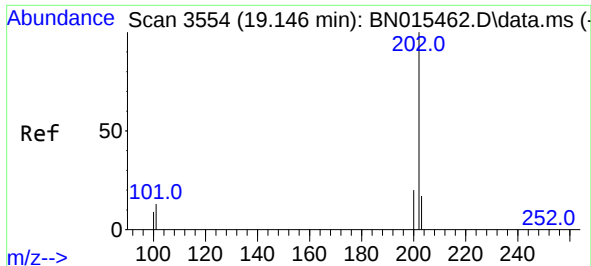


#16
Anthracene
Concen: 0.156 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

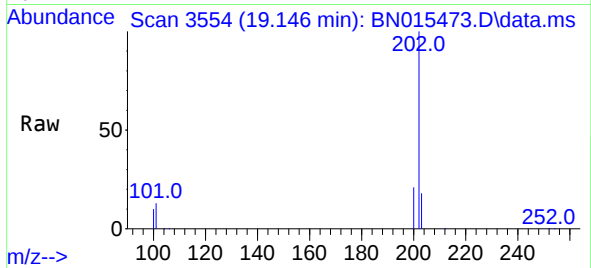


Tgt Ion:178 Resp: 5982
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 19.9 15.2 22.8

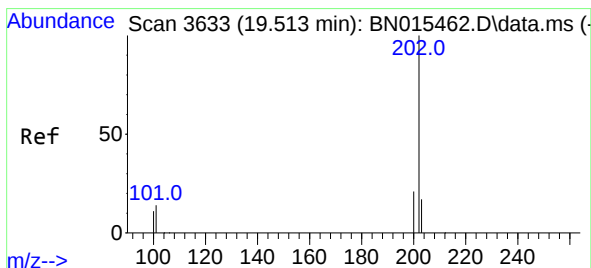
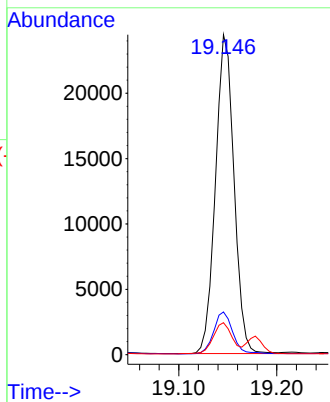
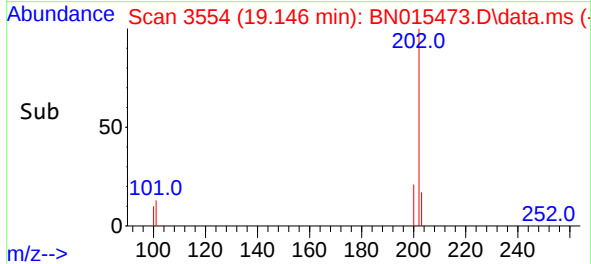




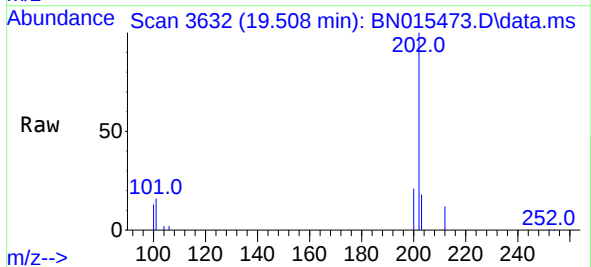
#19
Fluoranthene
Concen: 0.710 ng/ul
RT: 19.146 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02



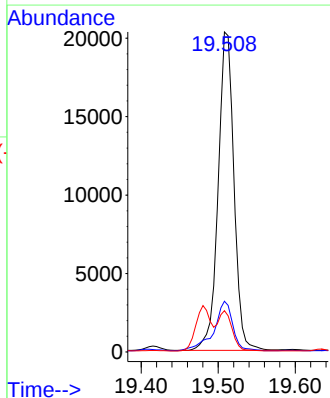
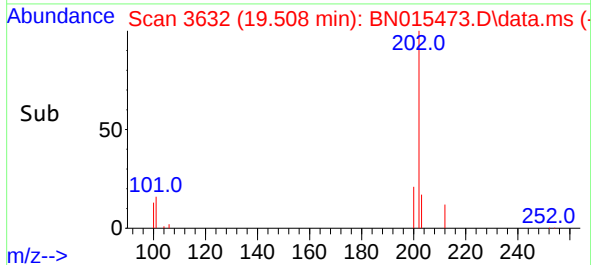
Tgt Ion:202 Resp: 32082
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.0 7.4 11.0



#20
Pyrene
Concen: 0.640 ng/ul
RT: 19.508 min Scan# 3632
Delta R.T. -0.009 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02



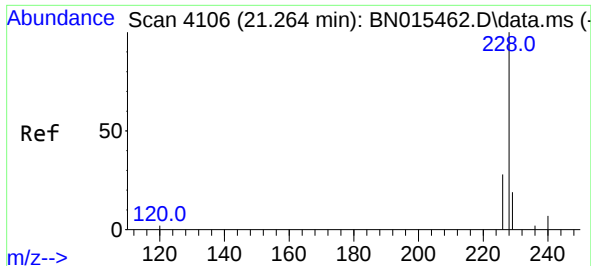
Tgt Ion:202 Resp: 28997
Ion Ratio Lower Upper
202 100
101 15.9 12.0 18.0
100 12.9 9.6 14.4



Instrument :
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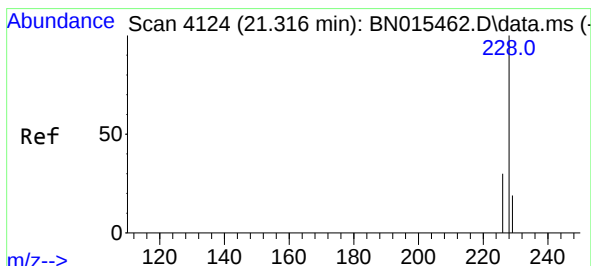
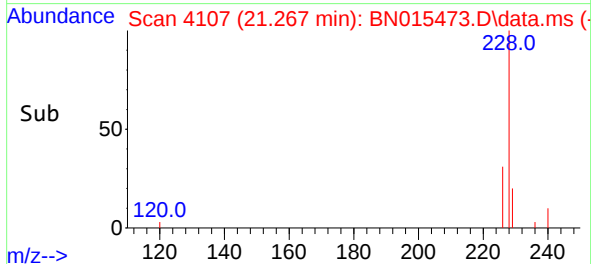
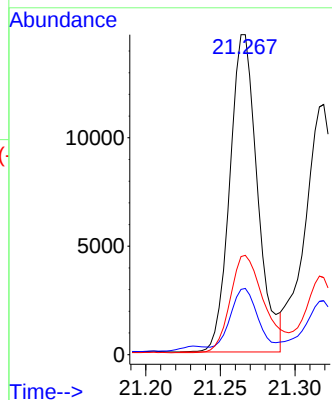
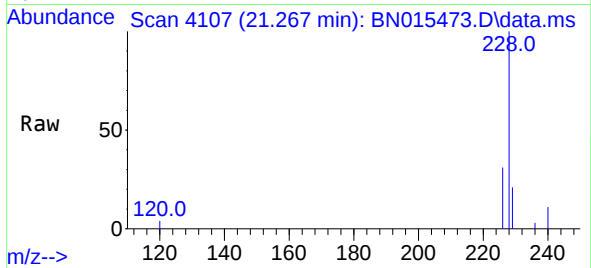
#21
Benzo(a)anthracene
Concen: 0.522 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	228	Resp:	18923
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.8
226	31.1	21.8	32.8

Instrument :
BNA_N
ClientSampled :
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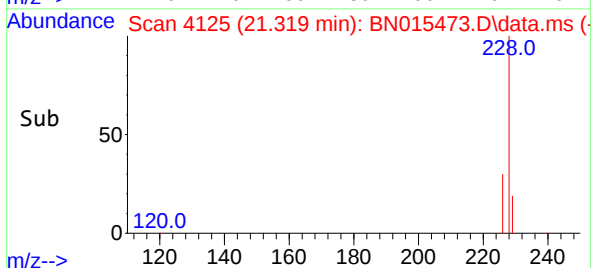
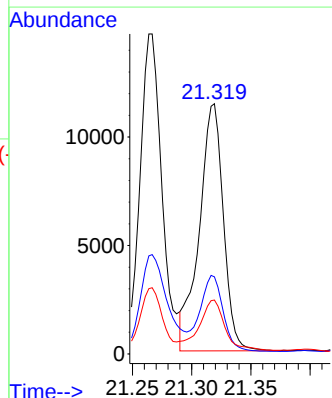
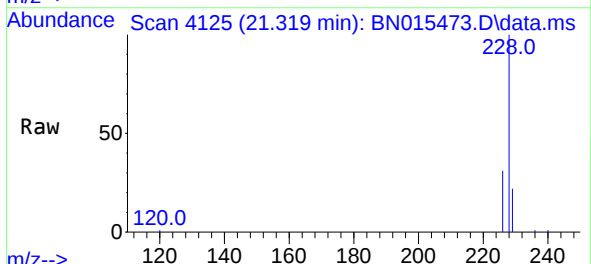
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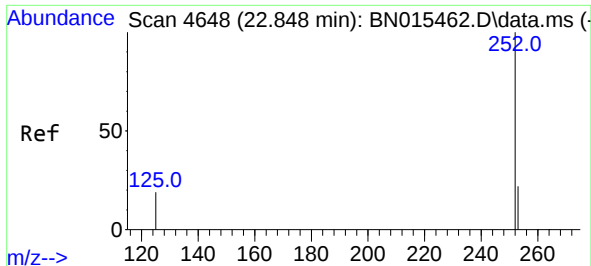
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#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	228	Resp:	16161
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.6	37.0
229	21.5	15.7	23.5





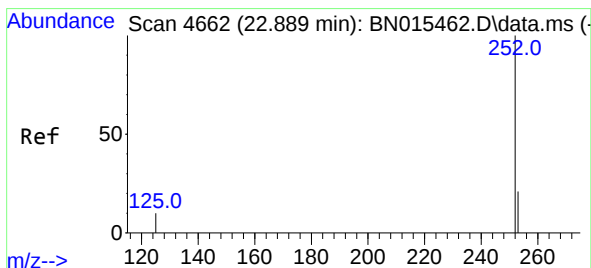
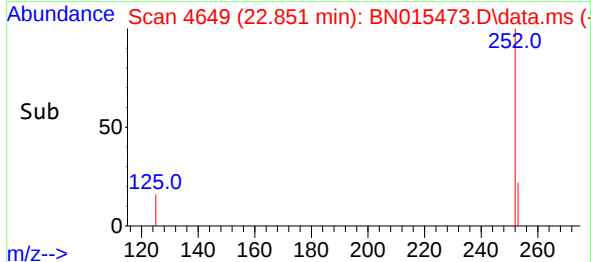
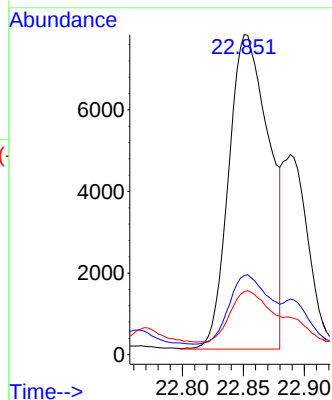
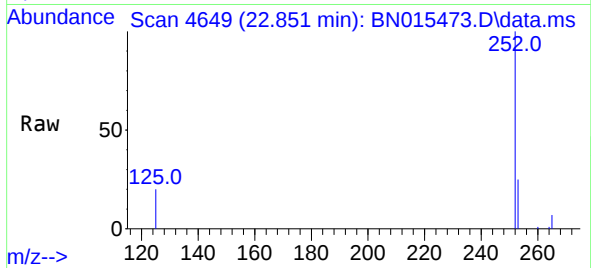
#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul m
RT: 22.851 min Scan# 4649
Delta R.T. -0.005 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	252	Resp:	17827
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	45.6
125	19.7	0.0	28.4

Instrument :
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BGDR4DL

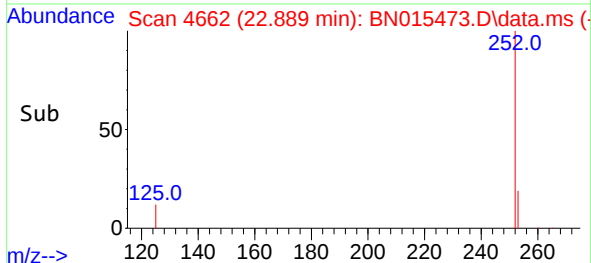
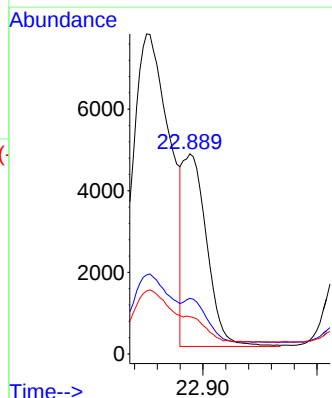
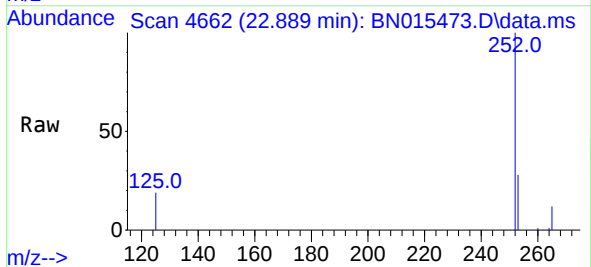
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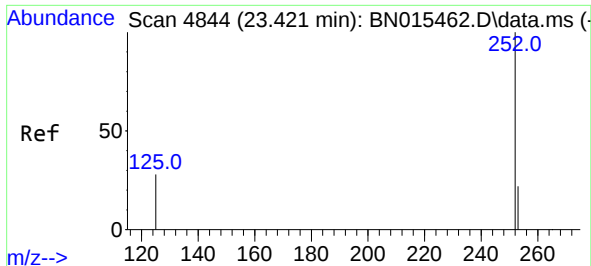
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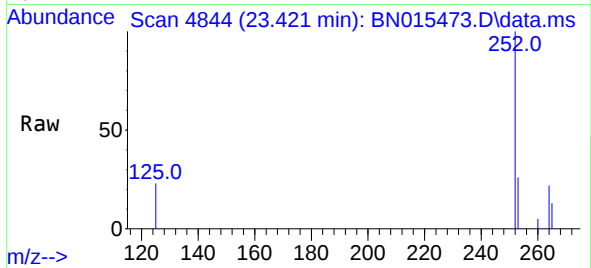
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Benzo(k)fluoranthene
Concen: 0.148 ng/ul m
RT: 22.889 min Scan# 4662
Delta R.T. -0.011 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:	252	Resp:	6898
Ion Ratio	Lower	Upper	
252	100		
253	27.8	18.1	27.1#
125	18.6	11.5	17.3#

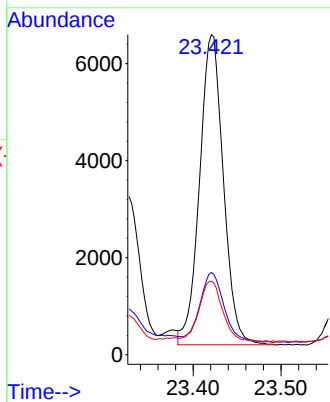
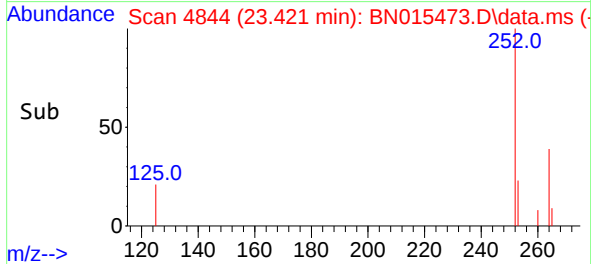




#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.421 min Scan# 4844
Delta R.T. -0.008 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02



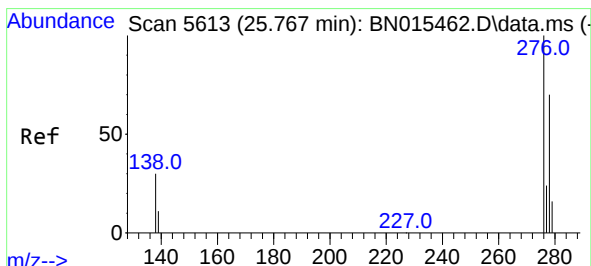
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Ion Ratio Lower Upper
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253 25.7 18.9 28.3
125 22.9 13.5 20.3#



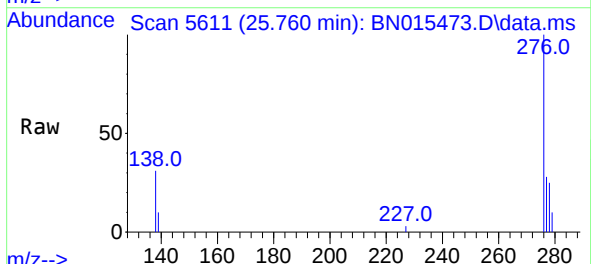
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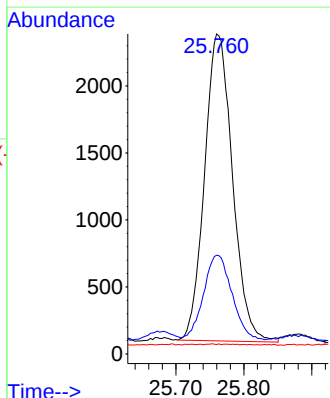
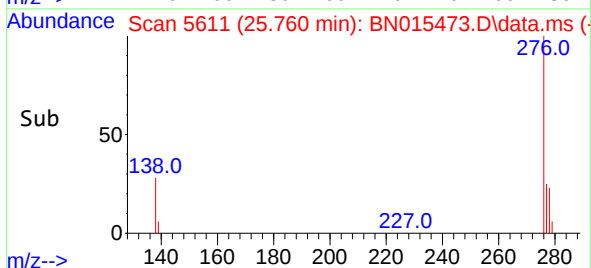
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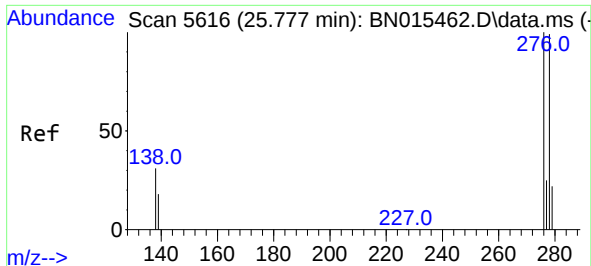


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 25.760 min Scan# 5611
Delta R.T. -0.016 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02



Tgt Ion:276 Resp: 6559
Ion Ratio Lower Upper
276 100
138 28.5 26.3 39.5
227 0.3 0.1 0.1#





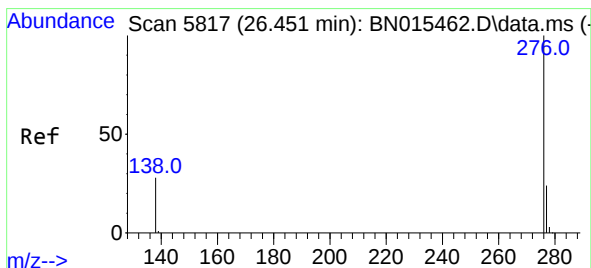
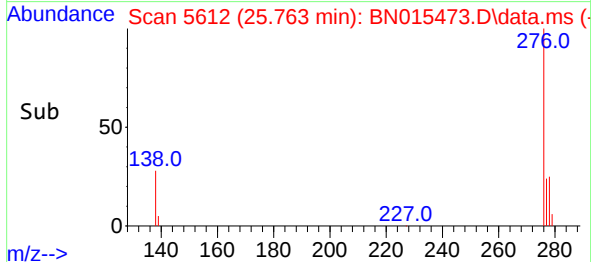
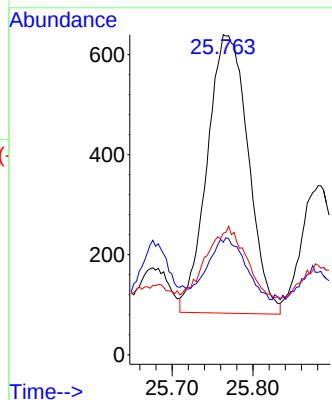
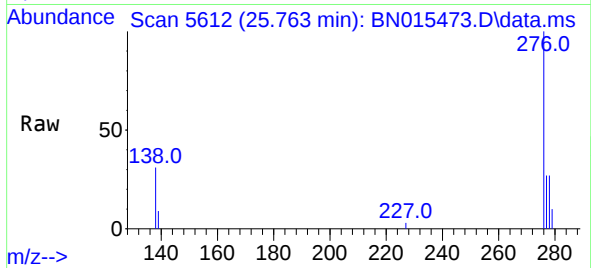
#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.026 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:278 Resp: 1959
Ion Ratio Lower Upper
278 100
139 35.2 18.9 28.3#
279 38.0 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGDR4DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.444 min Scan# 5815
Delta R.T. -0.020 min
Lab File: BN015473.D
Acq: 10 Jul 2021 08:02

Tgt Ion:276 Resp: 950
Ion Ratio Lower Upper
276 100
138 50.8 23.0 34.4#
277 42.8 19.3 28.9#

