

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015527.D
 Acq On : 13 Jul 2021 14:14
 Operator : CG/JU
 Sample : M2869-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD5

Manual Integrations
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Quant Time: Jul 13 14:45:03 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 : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	12809	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	10617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	13985	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	10309	0.400	ng/ul	# 0.01
23) Perylene-d12	23.754	264	17845	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	11102	2.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	4693	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	11165	0.330	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	328300	8.034	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	46540	1.741	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	18137	0.701	ng/ul	99
10) Acenaphthylene	14.159	152	284705	5.187	ng/ul	98
11) Acenaphthene	14.506	153	1251431	29.750	ng/ul	98
12) Fluorene	15.496	166	1376148	29.607	ng/ul	100
15) Phenanthrene	17.250	178	6719908	132.392	ng/ul	98
16) Anthracene	17.335	178	3589190	80.203	ng/ul	100
19) Fluoranthene	19.276	202	6359632	133.503	ng/ul	99
20) Pyrene	19.633	202	5435724	113.774	ng/ul	100
21) Benzo(a)anthracene	21.383	228	3577355m	93.677	ng/ul	
22) Chrysene	21.436	228	3031027	66.300	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	3591070m	43.076	ng/ul	
25) Benzo(k)fluoranthene	23.090	252	1769993m	18.811	ng/ul	
26) Benzo(a)pyrene	23.660	252	2536105	36.220	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.196	276	1728396	20.438	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.202	278	517070	7.798	ng/ul	96
29) Benzo(g,h,i)perylene	26.930	276	162434	2.073	ng/ul	95

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

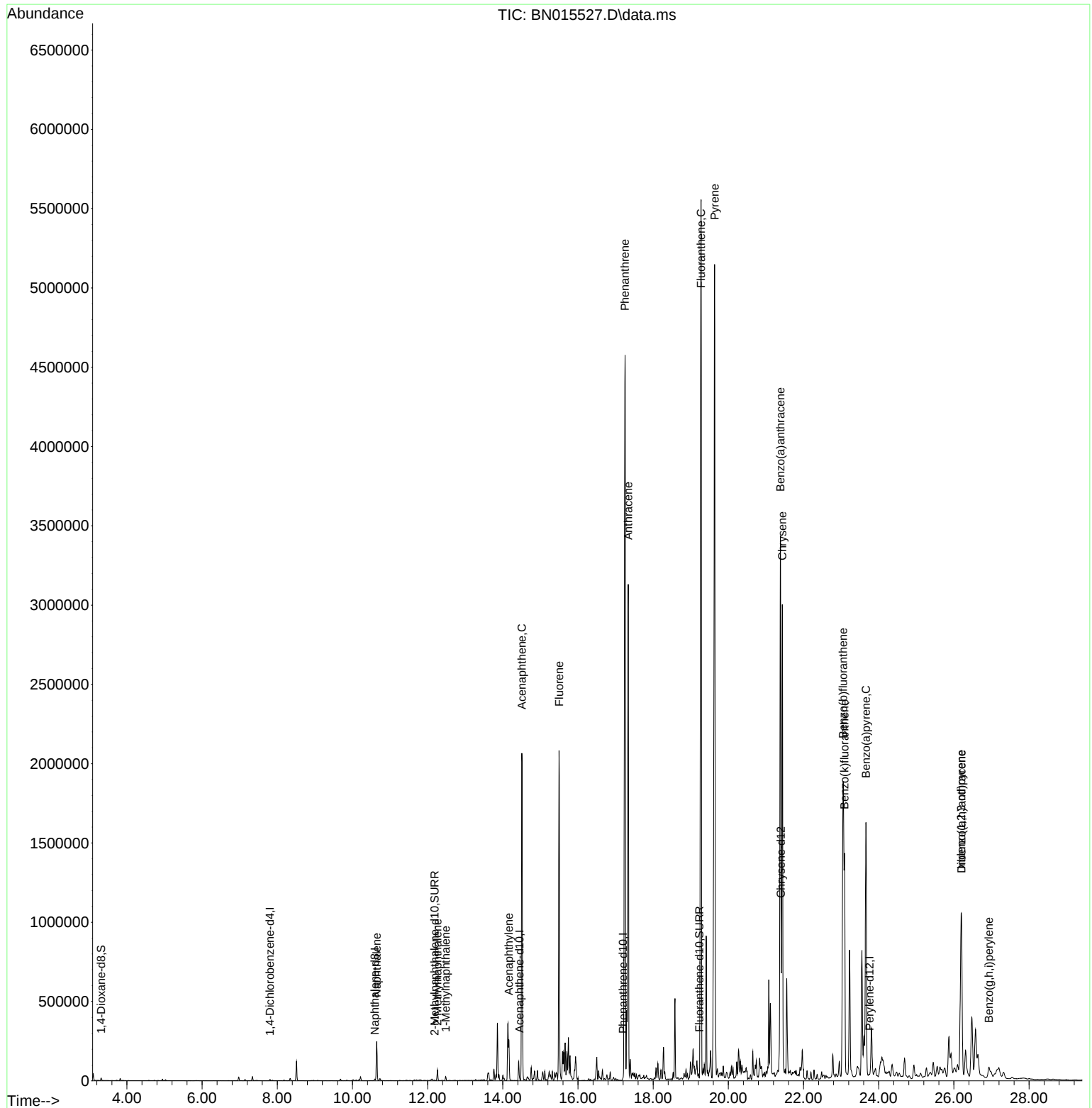
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Data File : BN015527.D
Acq On : 13 Jul 2021 14:14
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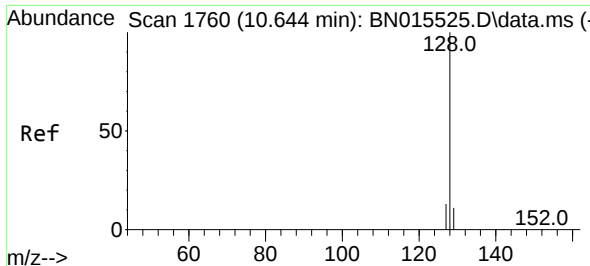
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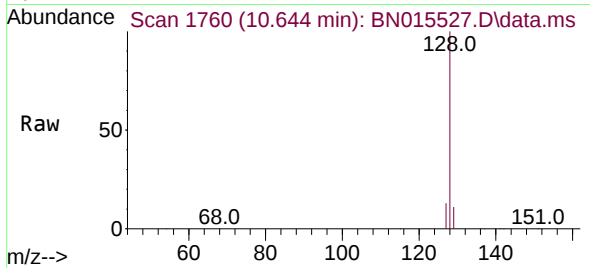
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Quant Time: Jul 13 14:45:03 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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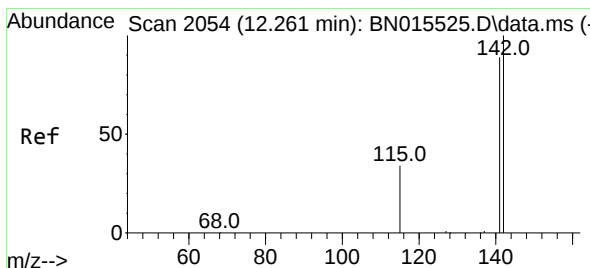
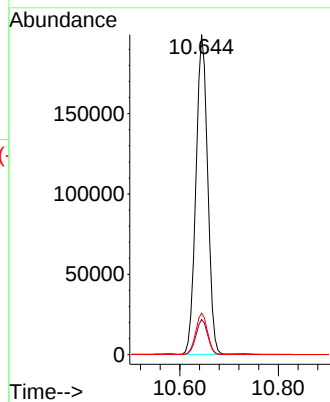
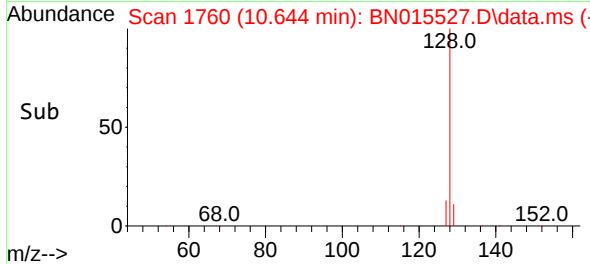




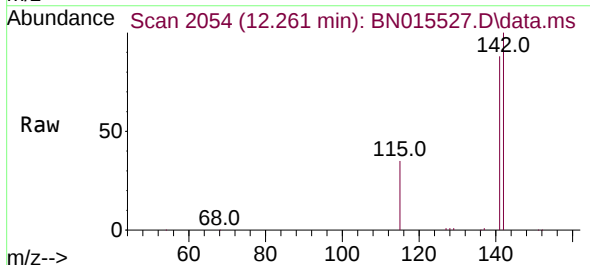
#5
Naphthalene
Concen: 8.034 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



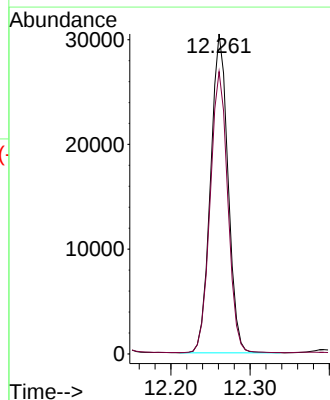
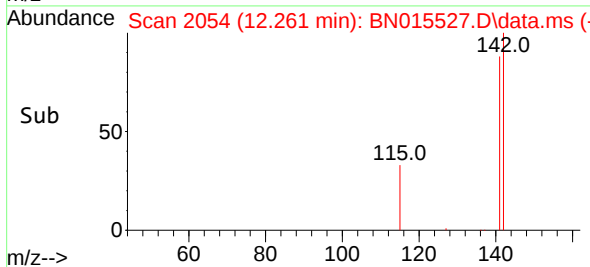
Tgt Ion:128 Resp: 328300
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.0 10.8 16.2



#7
2-Methylnaphthalene
Concen: 1.741 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



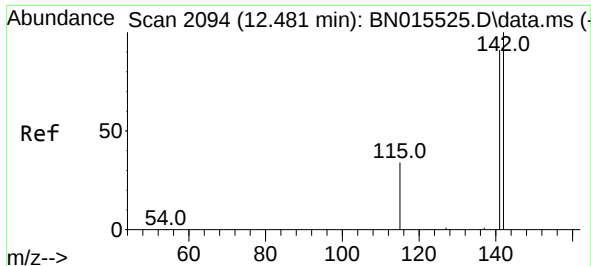
Tgt Ion:142 Resp: 46540
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



Instrument :
BNA_N
ClientSampleId :
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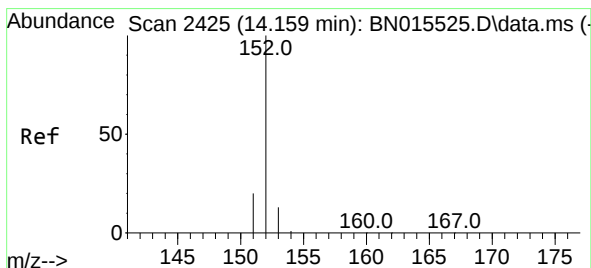
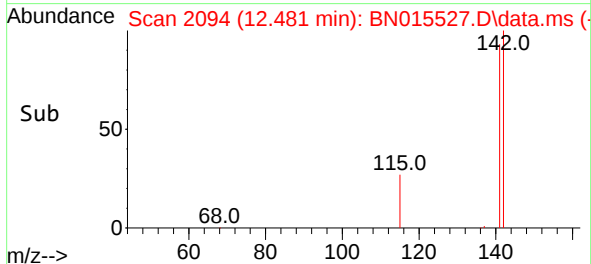
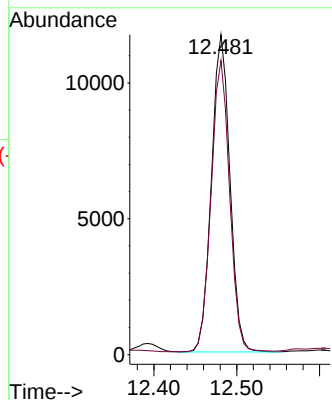
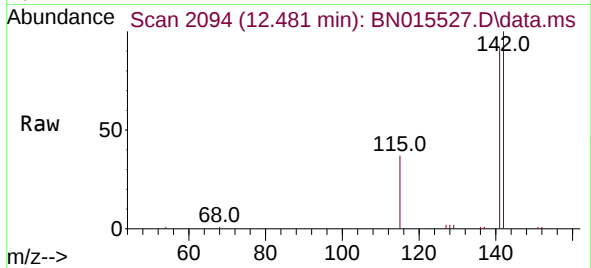
#8
1-Methylnaphthalene
Concen: 0.701 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

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BNA_N
ClientSampled :
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Tgt Ion:142 Resp: 18137
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4

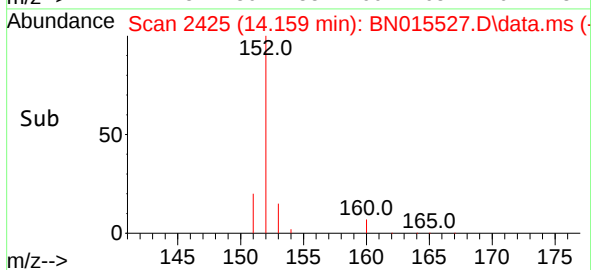
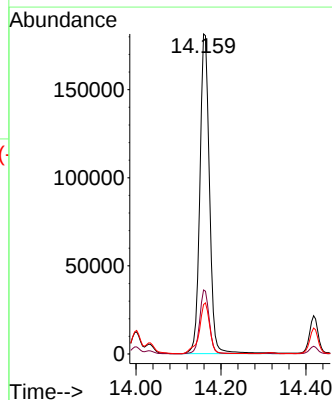
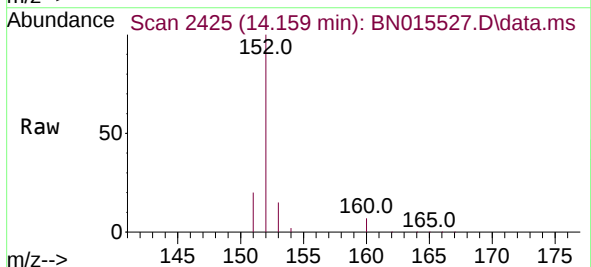
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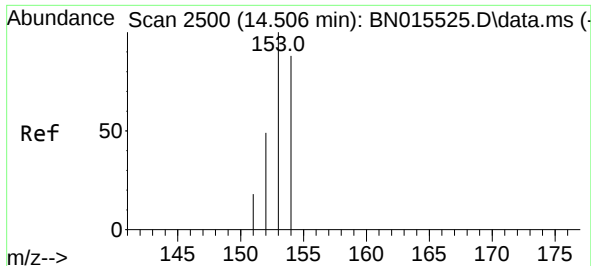
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#10
Acenaphthylene
Concen: 5.187 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

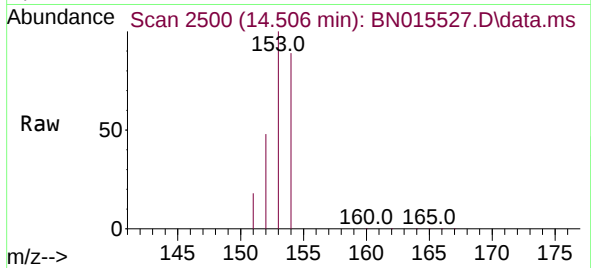
Tgt Ion:152 Resp: 284705
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 15.5 10.9 16.3



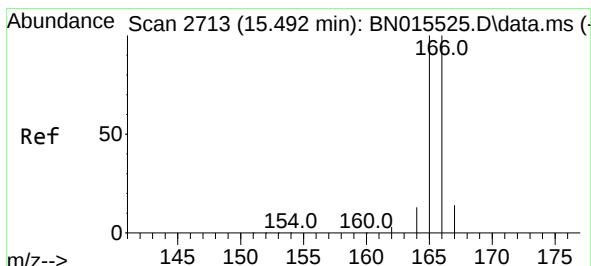
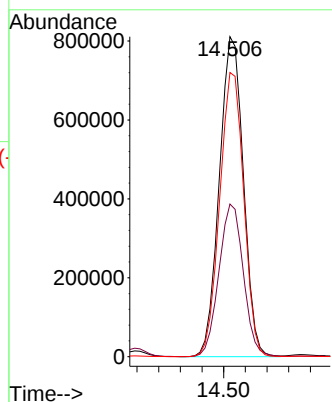
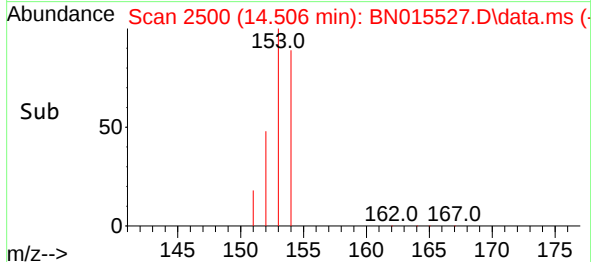


#11
Acenaphthene
Concen: 29.750 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

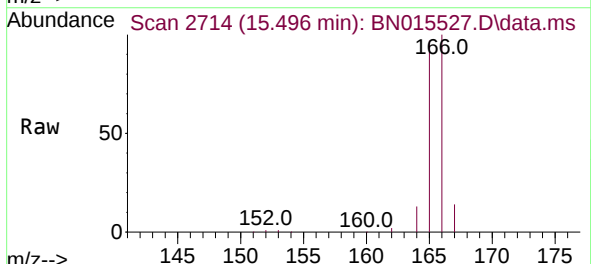
Instrument :
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ClientSampled :
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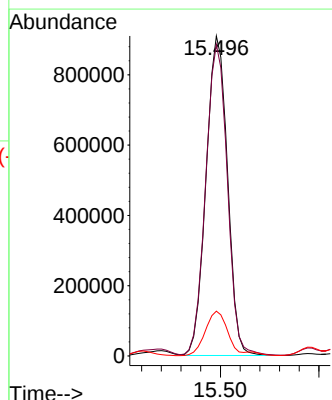
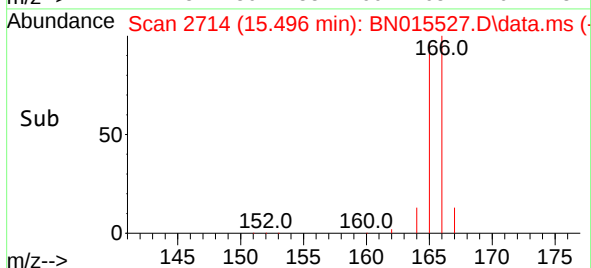
Tgt Ion:153 Resp: 1251431
Ion Ratio Lower Upper
153 100
152 47.7 39.8 59.6
154 88.8 69.8 104.8

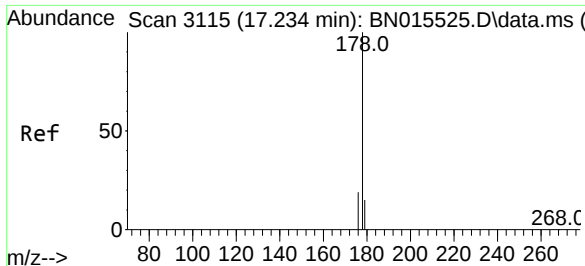


#12
Fluorene
Concen: 29.607 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



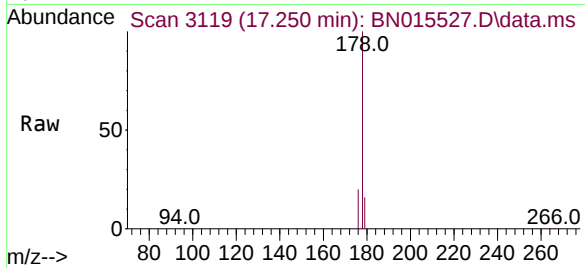
Tgt Ion:166 Resp: 1376148
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 14.0 11.2 16.8





#15
Phenanthrene
Concen: 132.392 ng/u1
RT: 17.250 min Scan# 3119
Delta R.T. 0.016 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

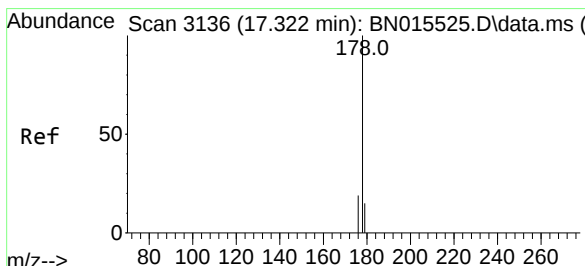
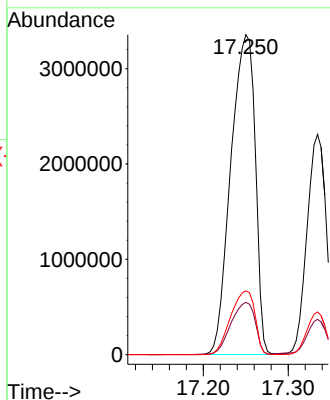
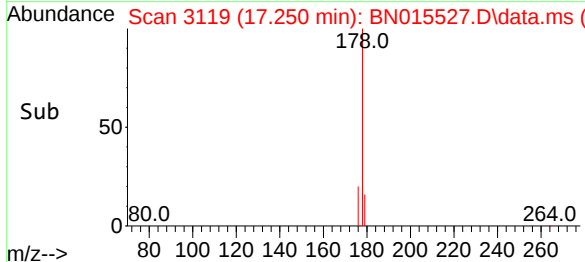
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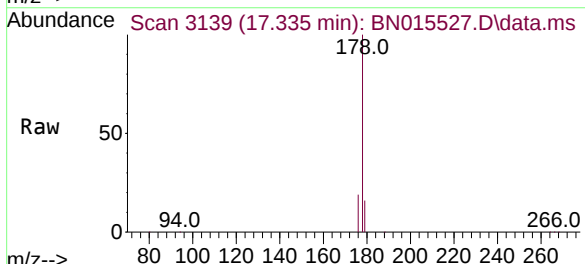
Tgt Ion:178 Resp: 6719908
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 20.0 15.5 23.3

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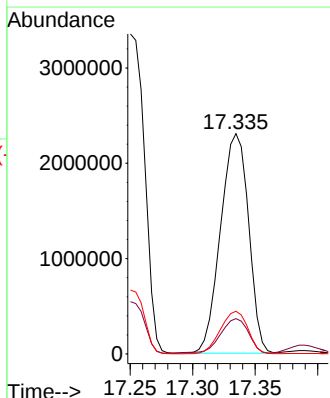
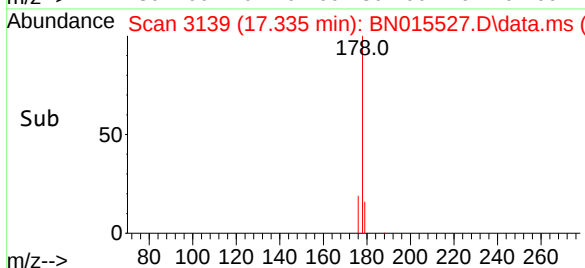
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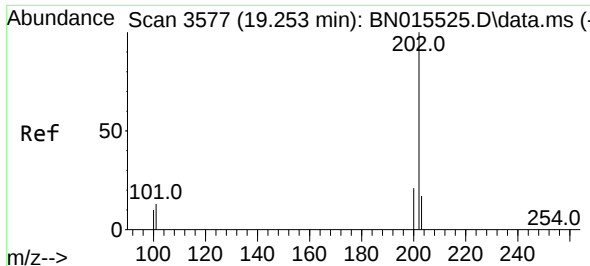


#16
Anthracene
Concen: 80.203 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.008 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



Tgt Ion:178 Resp: 3589190
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.4 15.2 22.8





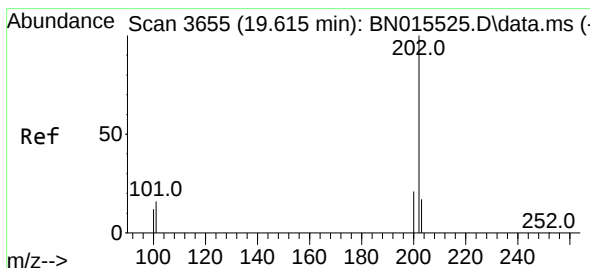
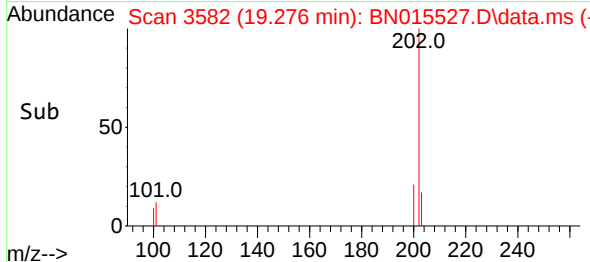
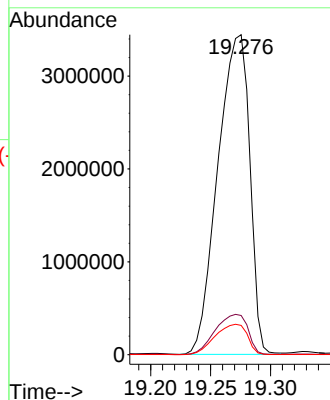
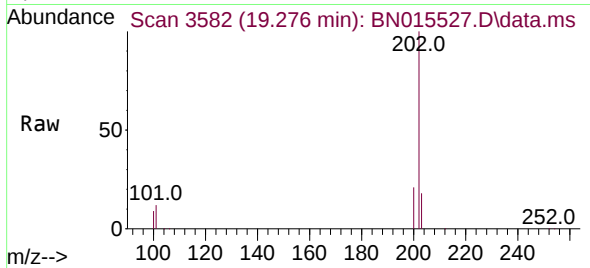
#19
Fluoranthene
Concen: 133.503 ng/ul
RT: 19.276 min Scan# 3582
Delta R.T. 0.018 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

Tgt Ion:202 Resp: 6359632
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.1 7.4 11.0

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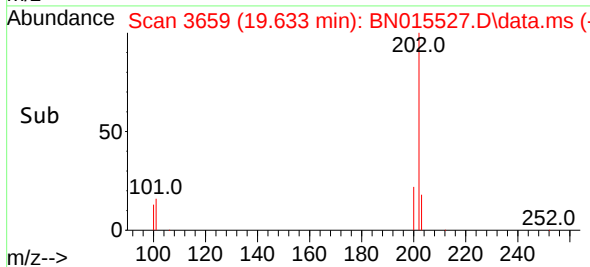
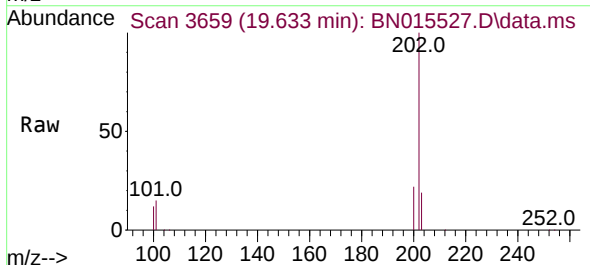
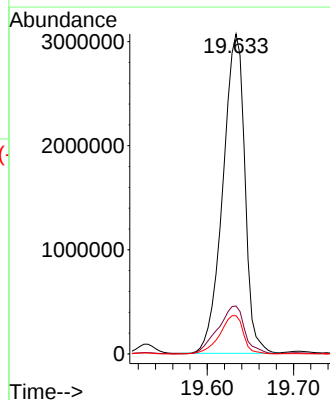
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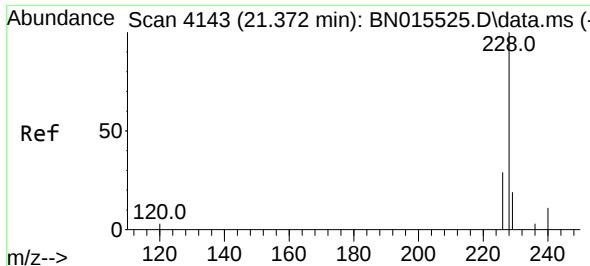
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#20
Pyrene
Concen: 113.774 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. 0.014 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

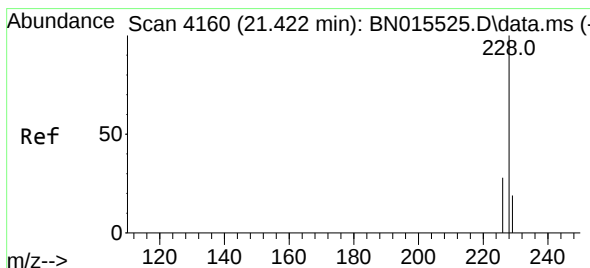
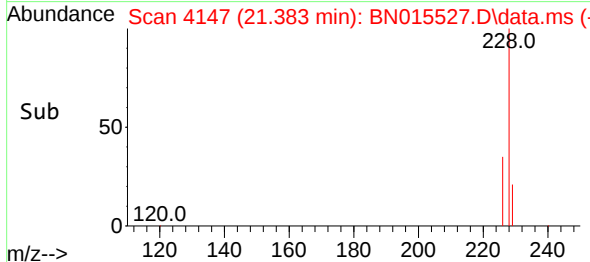
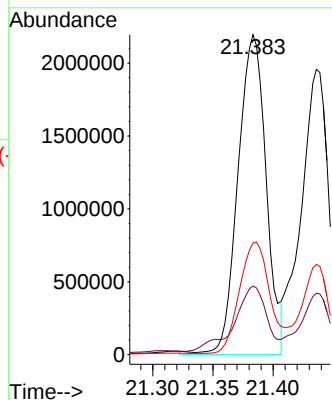
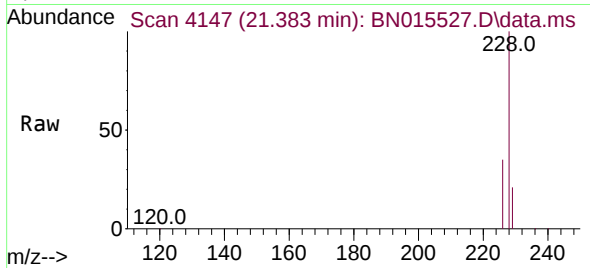
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Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.0 9.6 14.4





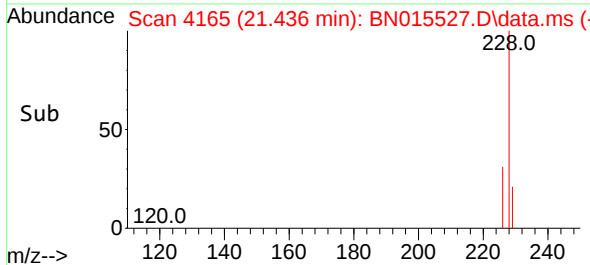
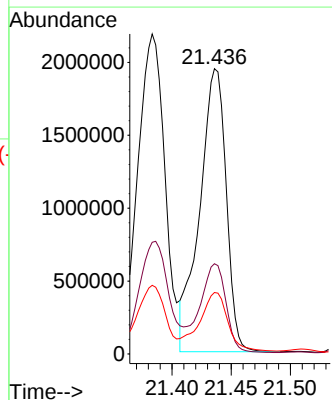
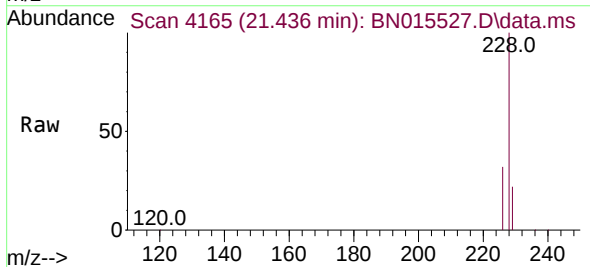
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Benzo(a)anthracene
Concen: 93.677 ng/ul m
RT: 21.383 min Scan# 4147
Delta R.T. 0.008 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

Tgt Ion:228 Resp: 3577355
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 34.9 21.8 32.8#



#22
Chrysene
Concen: 66.300 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. 0.008 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

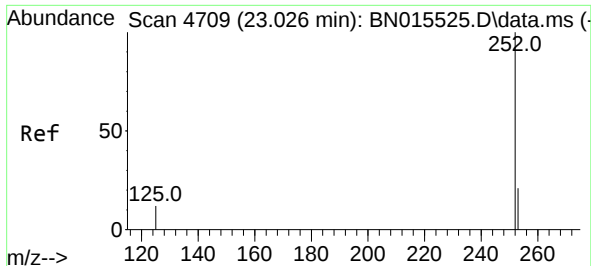
Tgt Ion:228 Resp: 3031027
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 21.5 15.7 23.5



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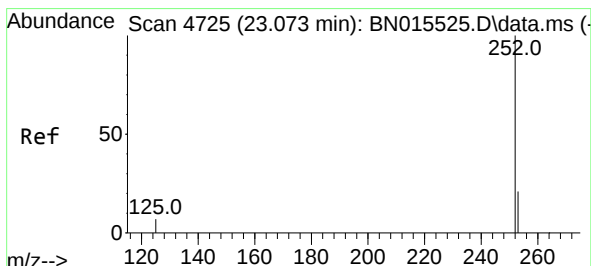
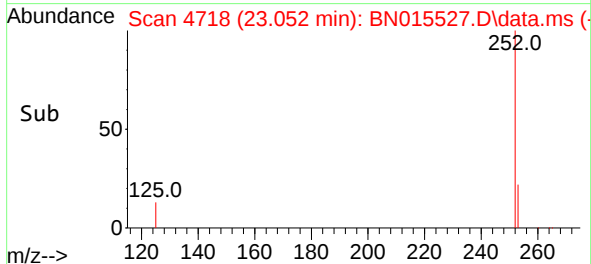
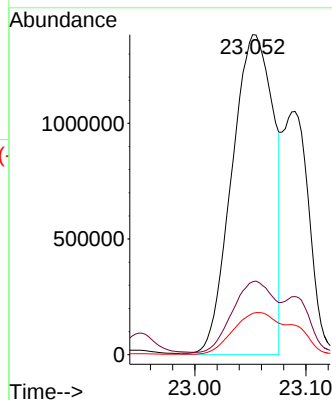
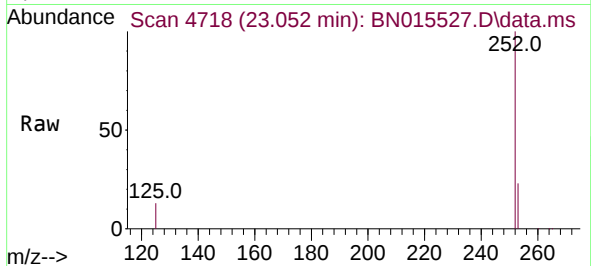
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Benzo(b)fluoranthene
Concen: 43.076 ng/ul m
RT: 23.052 min Scan# 4718
Delta R.T. 0.023 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

Tgt Ion:252 Resp: 3591070
Ion Ratio Lower Upper
252 100
253 22.8 0.0 45.6
125 12.9 0.0 28.4

Instrument :
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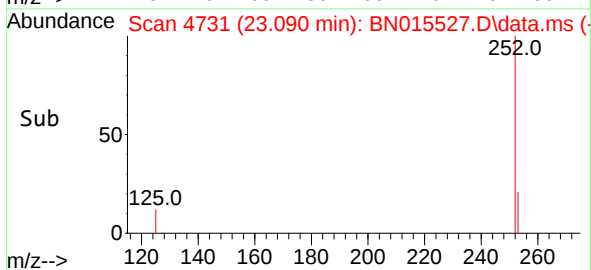
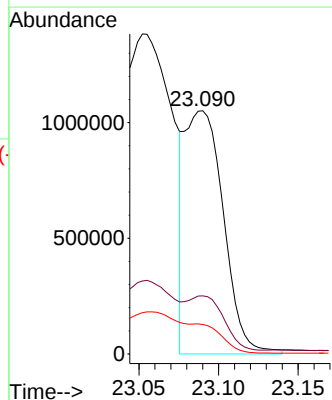
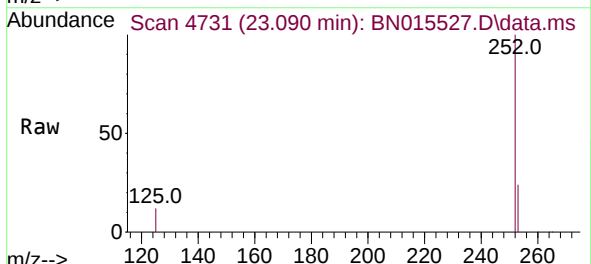
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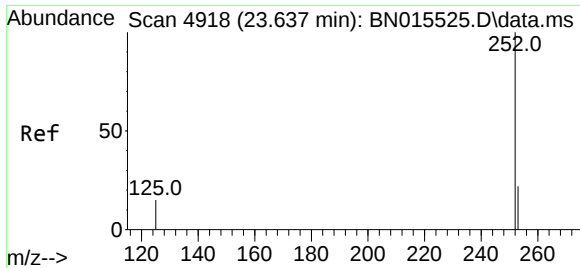
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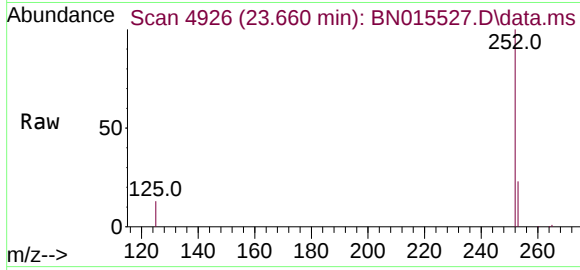
#25
Benzo(k)fluoranthene
Concen: 18.811 ng/ul m
RT: 23.090 min Scan# 4731
Delta R.T. 0.011 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14

Tgt Ion:252 Resp: 1769993
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.1 11.5 17.3

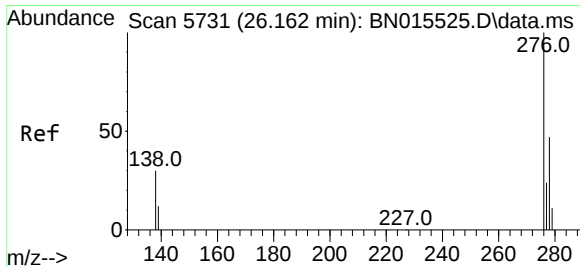
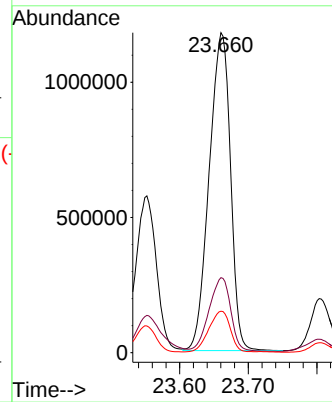
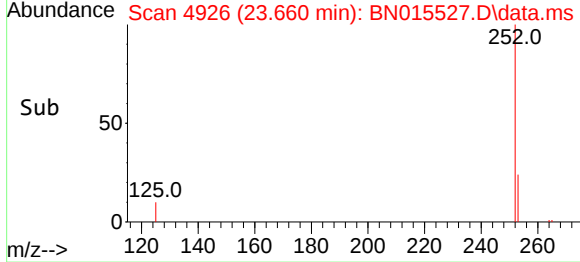




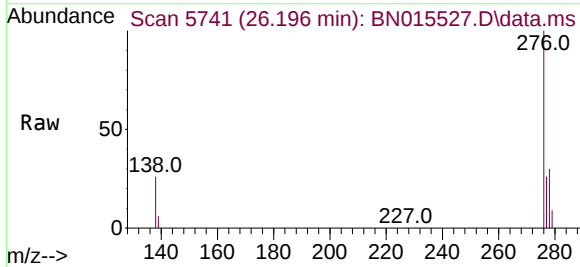
#26
Benzo(a)pyrene
Concen: 36.220 ng/ul
RT: 23.660 min Scan# 4926
Delta R.T. 0.020 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



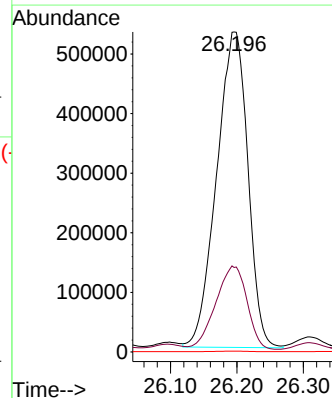
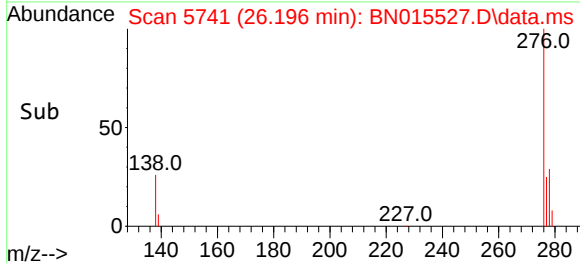
Tgt Ion:252 Resp: 2536105
Ion Ratio Lower Upper
252 100
253 23.5 18.9 28.3
125 13.0 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 20.438 ng/ul
RT: 26.196 min Scan# 5741
Delta R.T. 0.026 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



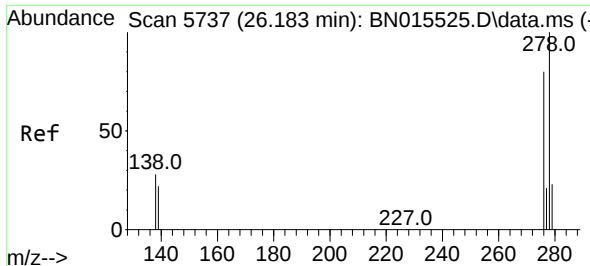
Tgt Ion:276 Resp: 1728396
Ion Ratio Lower Upper
276 100
138 26.5 26.3 39.5
227 0.2 0.1 0.1#



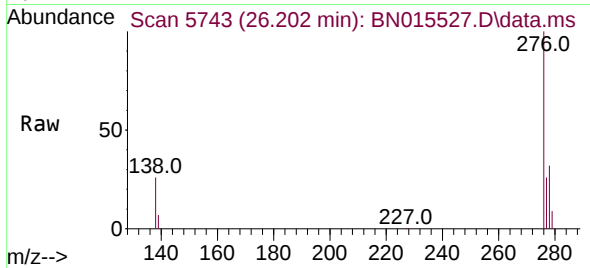
Instrument :
BNA_N
ClientSampleId :
BGDX5

Manual Integrations
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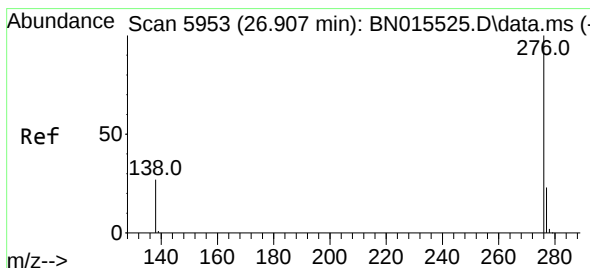
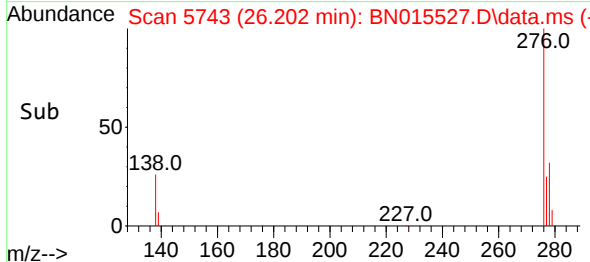
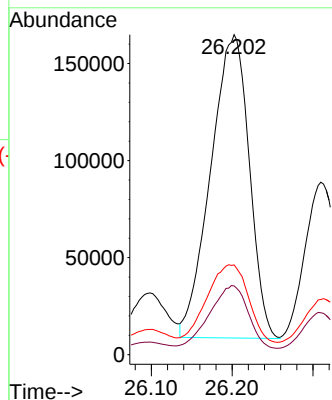
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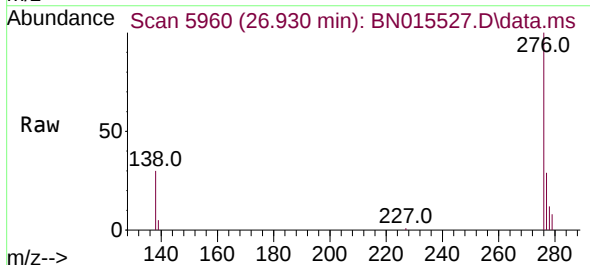
#28
Dibenzo(a,h)anthracene
Concen: 7.798 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. 0.013 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



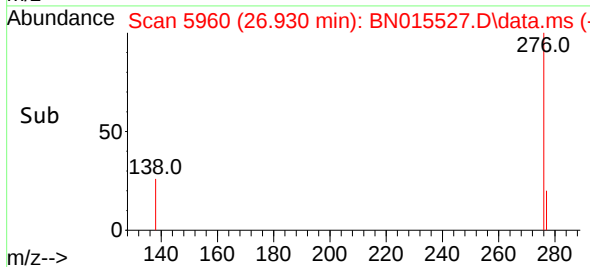
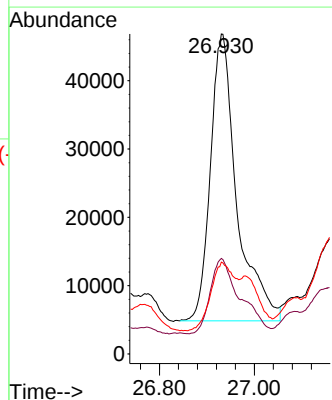
Tgt Ion:278 Resp: 517070
Ion Ratio Lower Upper
278 100
139 21.5 18.9 28.3
279 28.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 2.073 ng/ul
RT: 26.930 min Scan# 5960
Delta R.T. 0.020 min
Lab File: BN015527.D
Acq: 13 Jul 2021 14:14



Tgt Ion:276 Resp: 162434
Ion Ratio Lower Upper
276 100
138 29.9 23.0 34.4
277 28.7 19.3 28.9



Instrument :
BNA_N
ClientSampled :
BGDX5

Manual Integrations
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