

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015128.D
 Acq On : 26 Jun 2021 22:23
 Operator : CG/JU
 Sample : M2680-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC6

Manual Integrations
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Quant Time: Jun 27 06:43:27 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3363	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	11789	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	6739	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	13603m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.296	240	12375	0.400	ng/ul	#-0.02
23) Perylene-d12	23.541	264	10734	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	17348	4.577	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	5300	0.287	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	12476	0.307	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	33087	0.880	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	6000	0.244	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	6052	0.254	ng/ul	99
10) Acenaphthylene	14.071	152	30633	0.879	ng/ul	99
11) Acenaphthene	14.414	153	127283	4.767	ng/ul	99
12) Fluorene	15.404	166	96218	3.261	ng/ul	99
15) Phenanthrene	17.141	178	668238	13.535	ng/ul	100
16) Anthracene	17.229	178	203335	4.671	ng/ul	99
19) Fluoranthene	19.160	202	1115070	19.500	ng/ul	97
20) Pyrene	19.527	202	870795	15.184	ng/ul	100
21) Benzo(a)anthracene	21.278	228	492468	10.743	ng/ul	97
22) Chrysene	21.331	228	434847	7.924	ng/ul	98
24) Benzo(b)fluoranthene	22.868	252	552019m	11.008	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	205861m	3.637	ng/ul	
26) Benzo(a)pyrene	23.444	252	413447	9.816	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.793	276	262655	5.163	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.804	278	67306	1.688	ng/ul	98
29) Benzo(g,h,i)perylene	26.488	276	225011	4.774	ng/ul	99

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

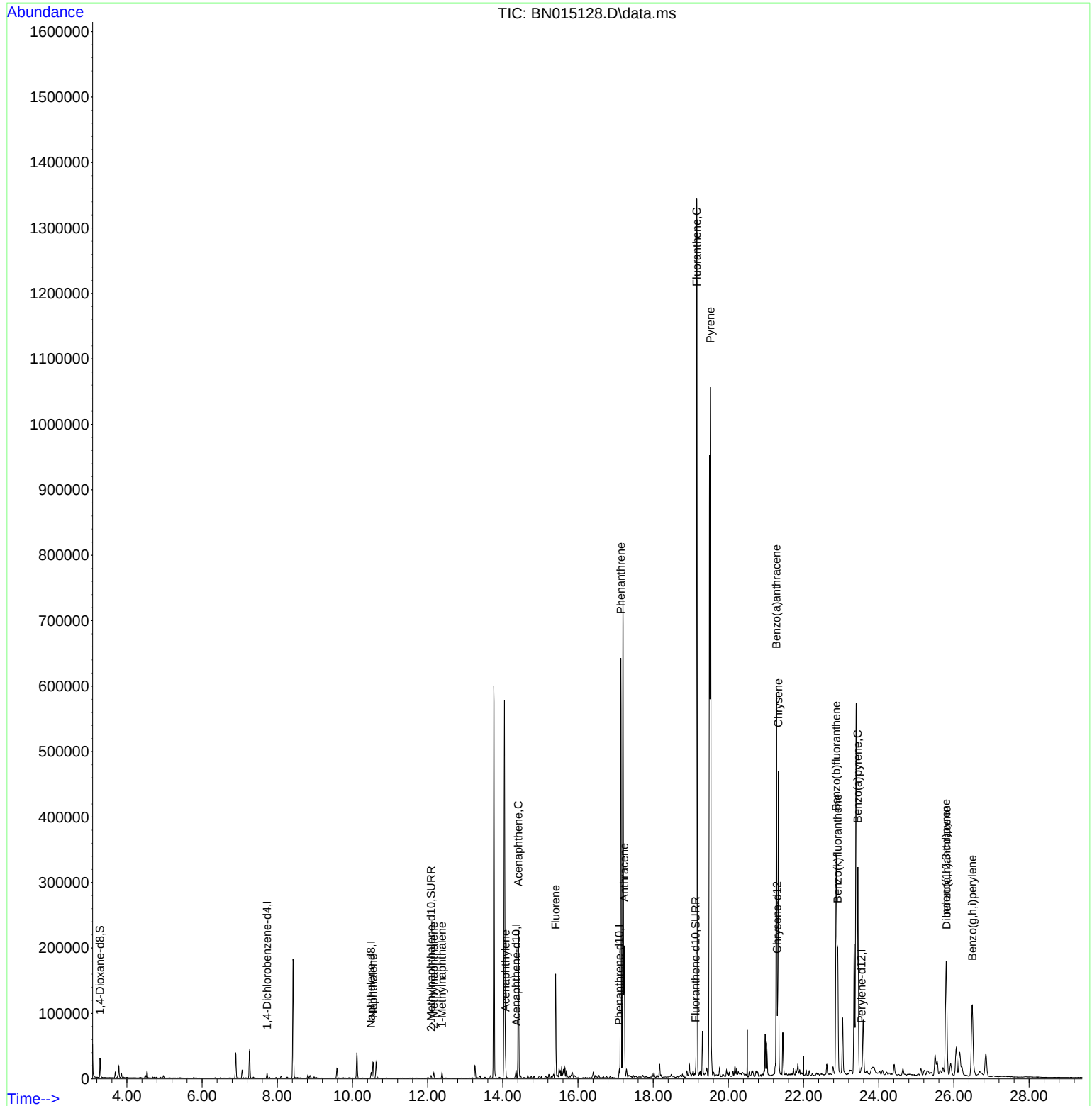
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Data File : BN015128.D
Acq On : 26 Jun 2021 22:23
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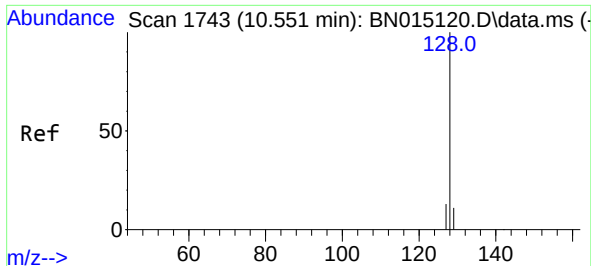
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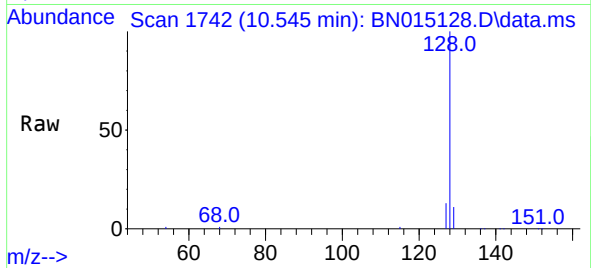
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Quant Time: Jun 27 06:43:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

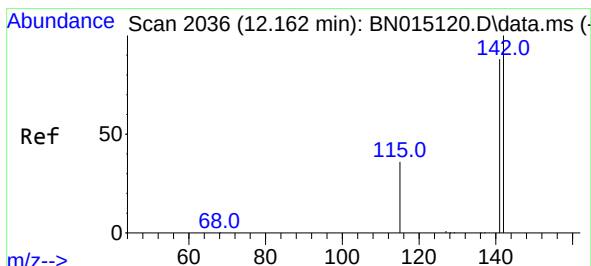
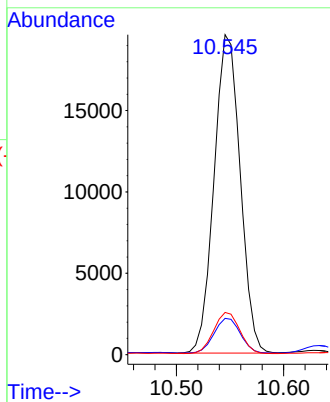
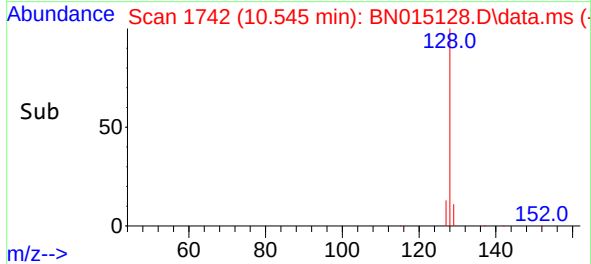




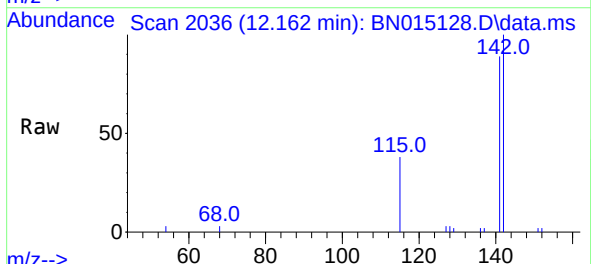
#5
Naphthalene
Concen: 0.880 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



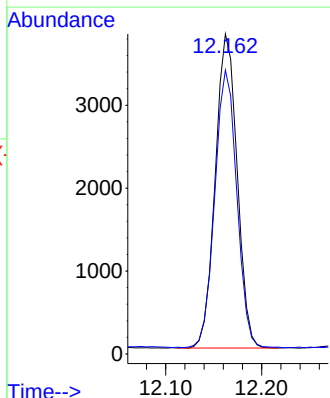
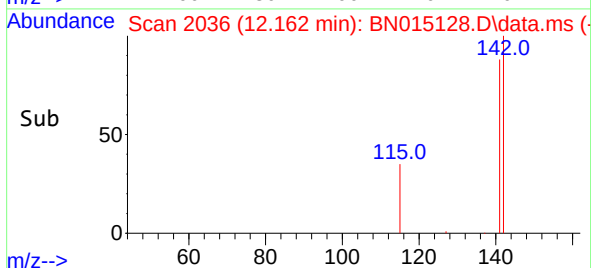
Tgt Ion:128 Resp: 33087
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



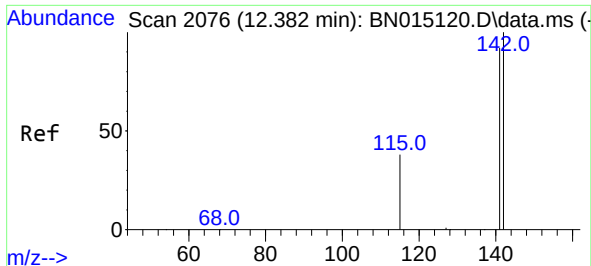
Tgt Ion:142 Resp: 6000
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5



Instrument :
BNA_N
ClientSampleId :
BGDC6

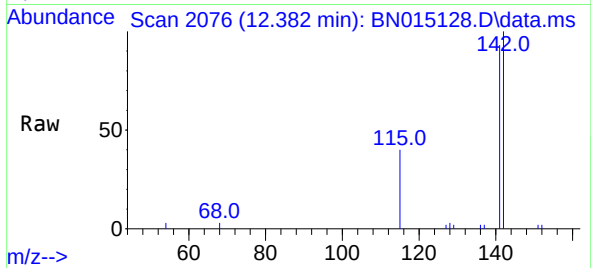
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#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

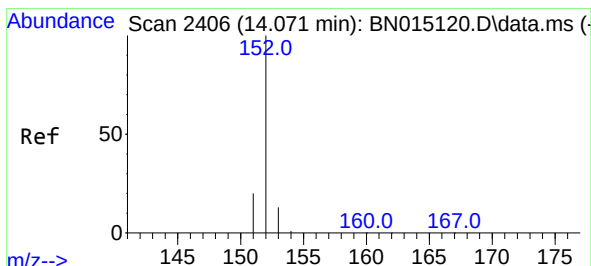
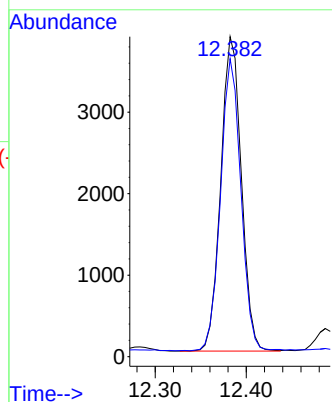
Instrument :
BNA_N
ClientSampled :
BGDC6



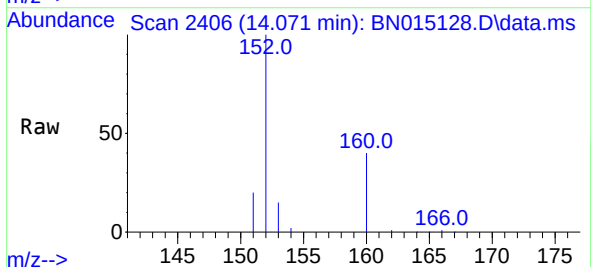
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Ion Ratio Lower Upper
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141 91.9 74.2 111.4

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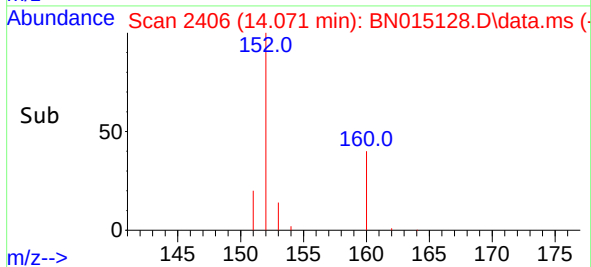
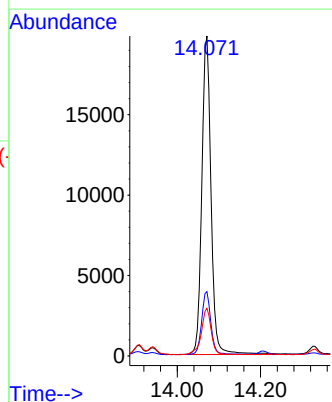
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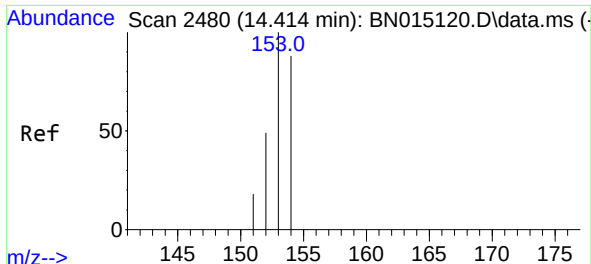


#10
Acenaphthylene
Concen: 0.879 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



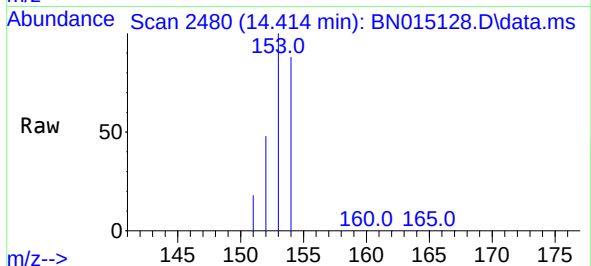
Tgt Ion:152 Resp: 30633
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 4.767 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

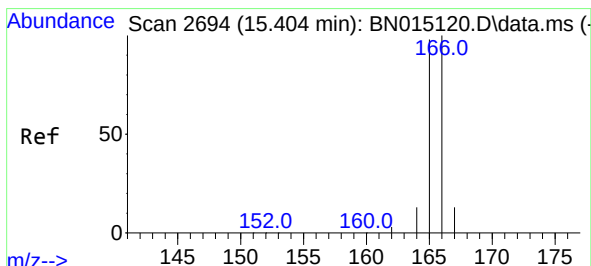
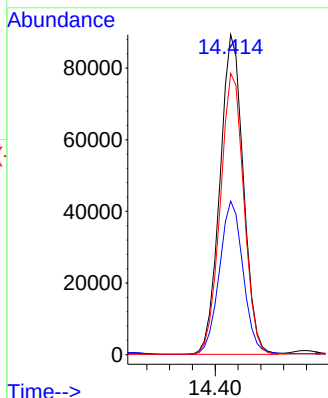
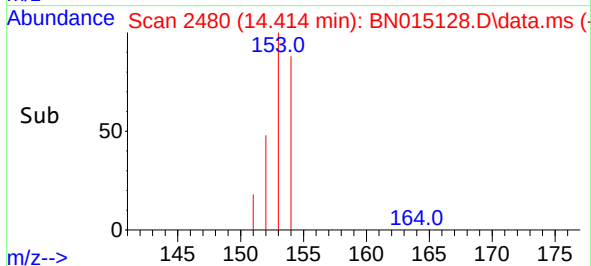
Instrument :
BNA_N
ClientSampled :
BGDC6



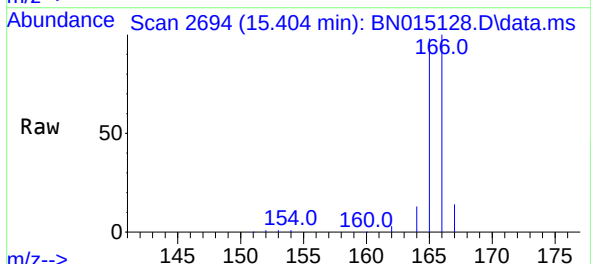
Tgt Ion:153 Resp: 127283
Ion Ratio Lower Upper
153 100
152 48.0 39.8 59.6
154 87.9 69.8 104.8

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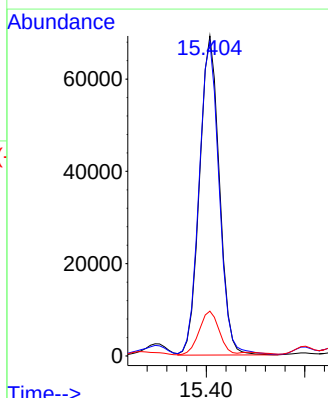
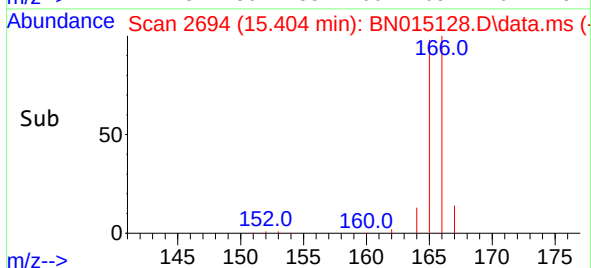
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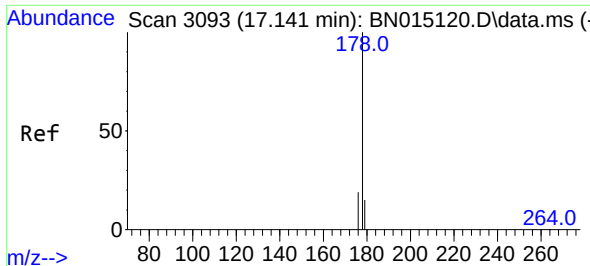


#12
Fluorene
Concen: 3.261 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



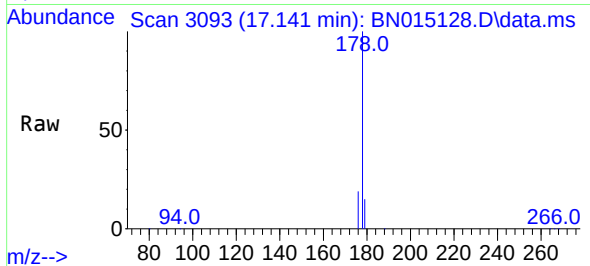
Tgt Ion:166 Resp: 96218
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 14.0 11.2 16.8





#15
Phenanthrene
Concen: 13.535 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

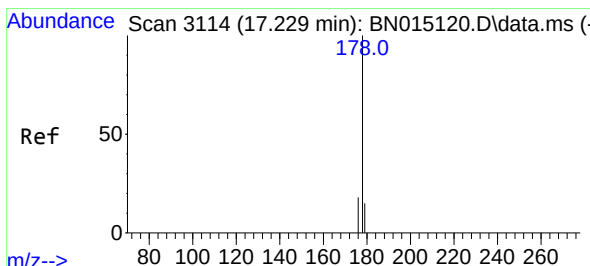
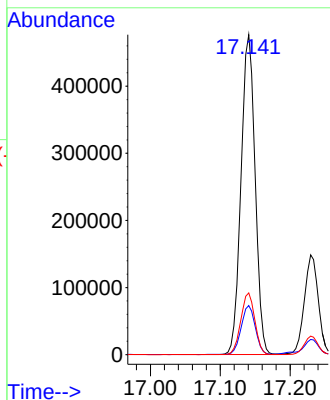
Instrument :
BNA_N
ClientSampled :
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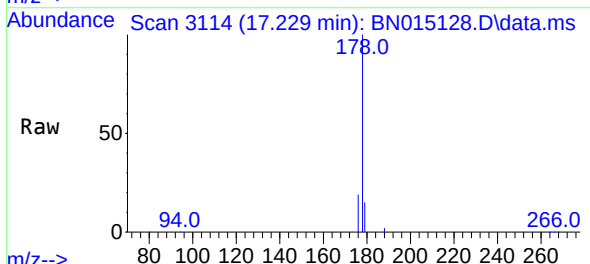
Tgt Ion:178 Resp: 668238
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.3 15.5 23.3

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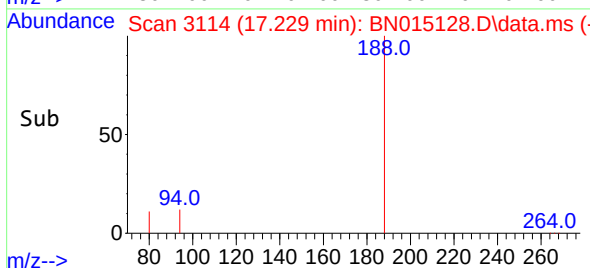
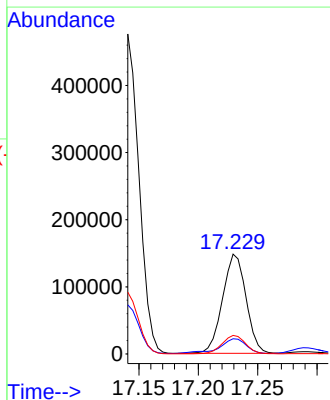
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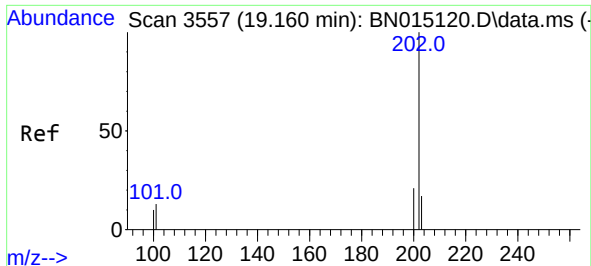


#16
Anthracene
Concen: 4.671 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.015 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

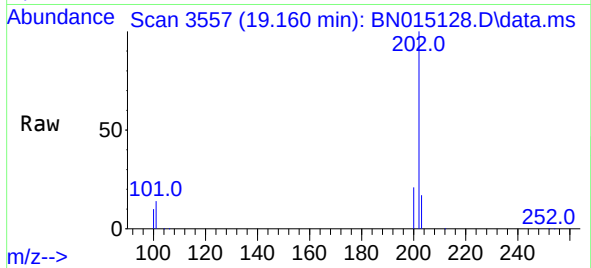


Tgt Ion:178 Resp: 203335
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.7 15.2 22.8

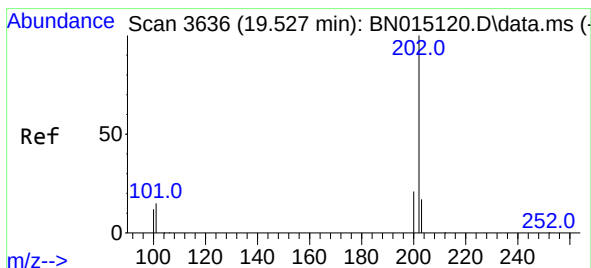
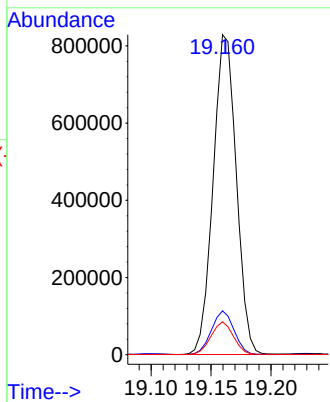
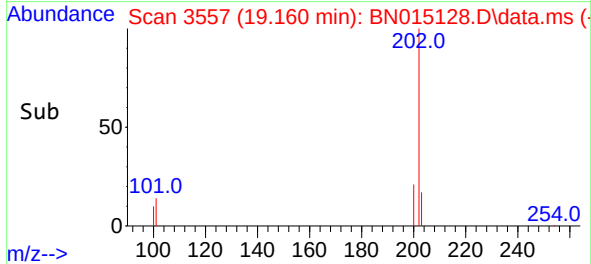




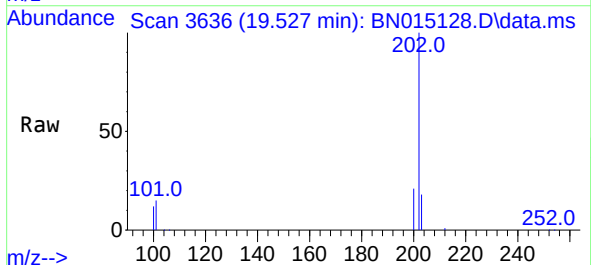
#19
Fluoranthene
Concen: 19.500 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



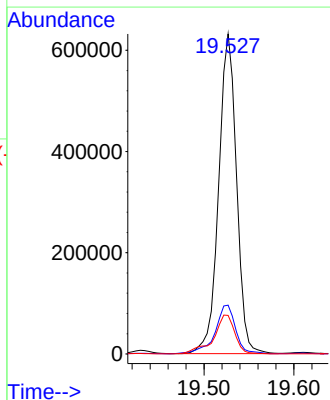
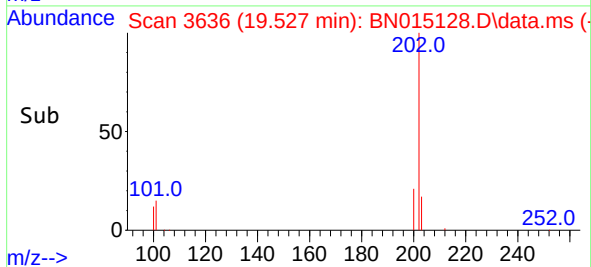
Tgt Ion:202 Resp: 1115070
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.3 7.4 11.0



#20
Pyrene
Concen: 15.184 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



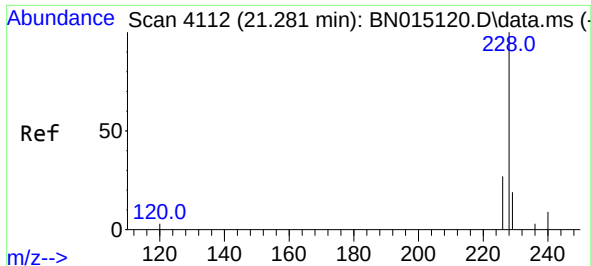
Tgt Ion:202 Resp: 870795
Ion Ratio Lower Upper
202 100
101 15.3 12.0 18.0
100 12.1 9.6 14.4



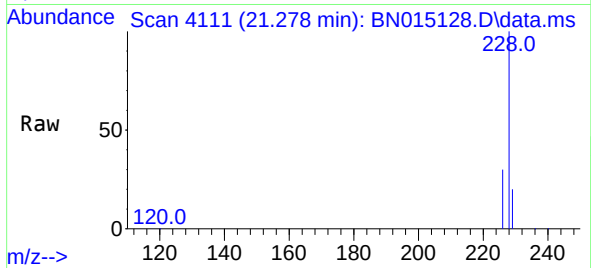
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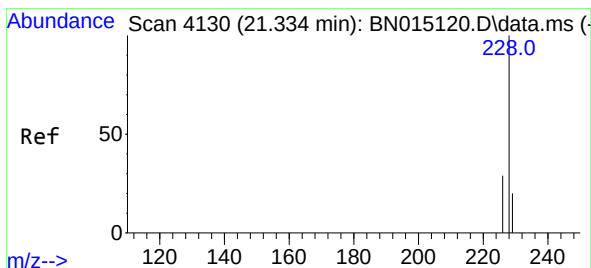
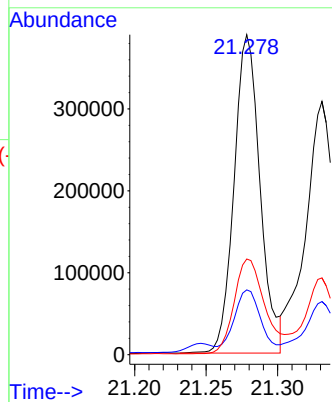
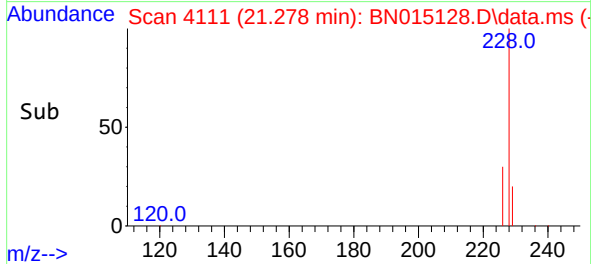
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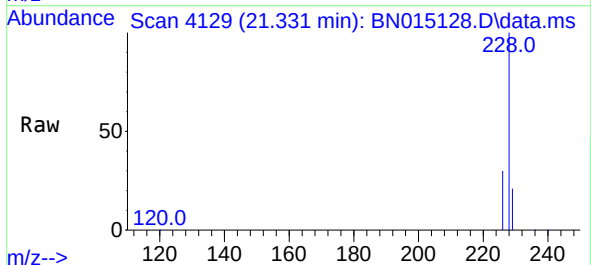
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Benzo(a)anthracene
Concen: 10.743 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



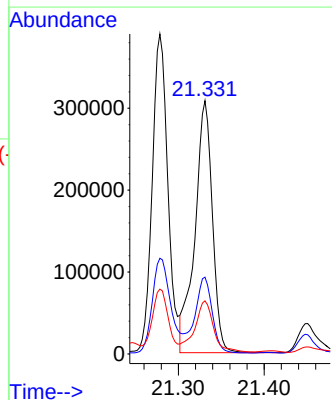
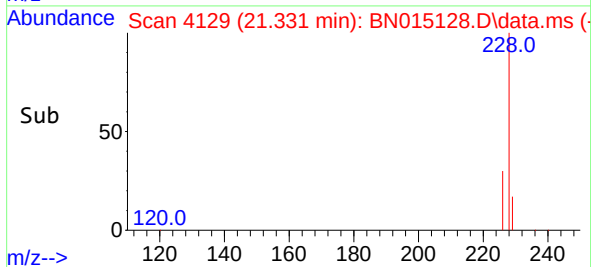
Tgt Ion:228 Resp: 492468
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 29.9 21.8 32.8



#22
Chrysene
Concen: 7.924 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



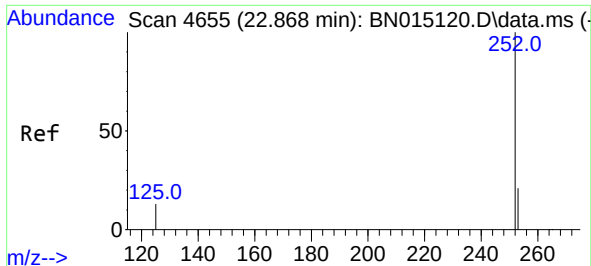
Tgt Ion:228 Resp: 434847
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.0 15.7 23.5



Instrument :
BNA_N
ClientSampled :
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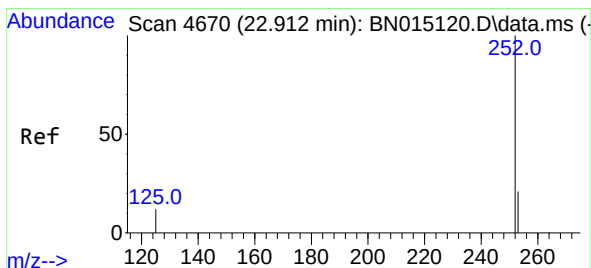
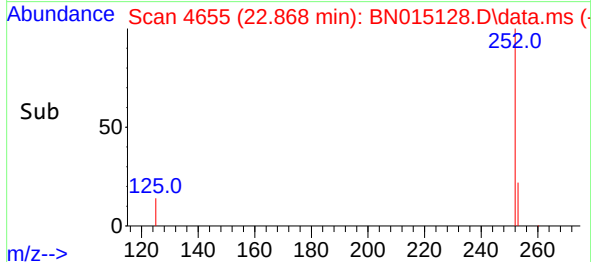
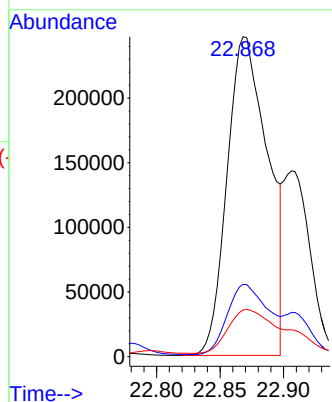
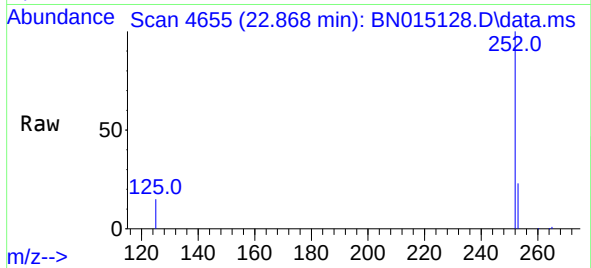
#24
Benzo(b)fluoranthene
Concen: 11.008 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

Tgt Ion:252 Resp: 552019
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 14.6 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDC6

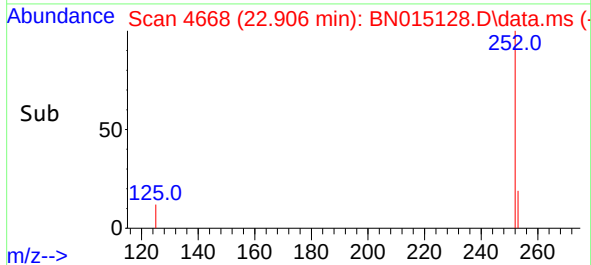
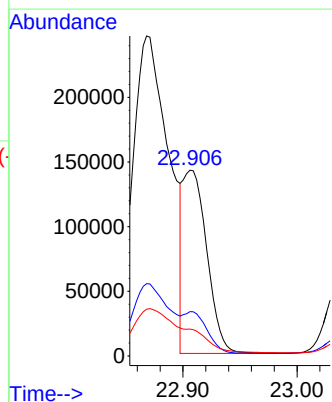
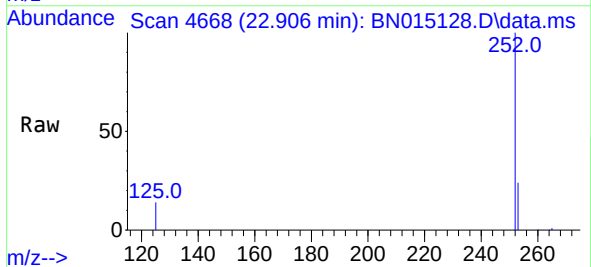
Manual Integrations
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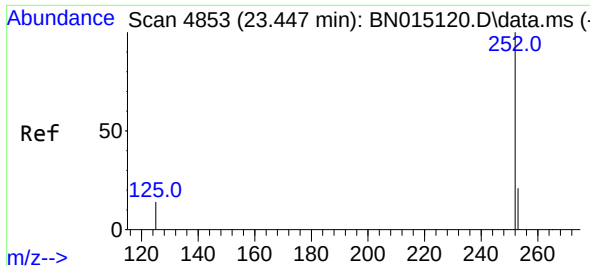
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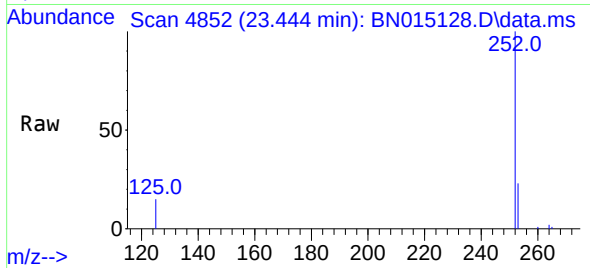
#25
Benzo(k)fluoranthene
Concen: 3.637 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23

Tgt Ion:252 Resp: 205861
Ion Ratio Lower Upper
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253 23.8 18.1 27.1
125 14.5 11.5 17.3

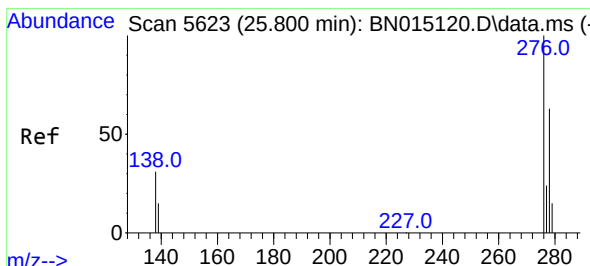
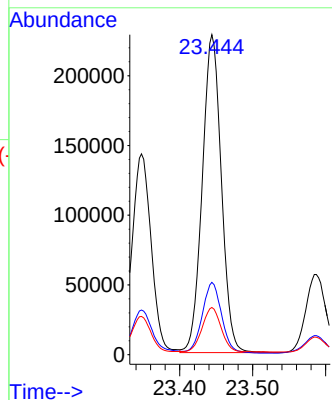
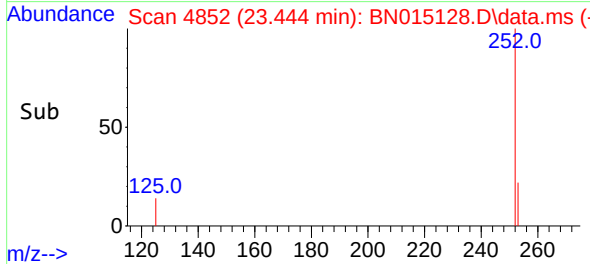




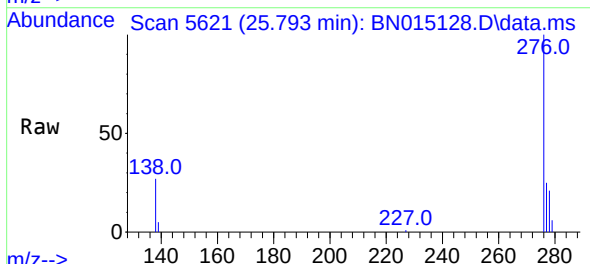
#26
Benzo(a)pyrene
Concen: 9.816 ng/ul
RT: 23.444 min Scan# 4852
Delta R.T. -0.026 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



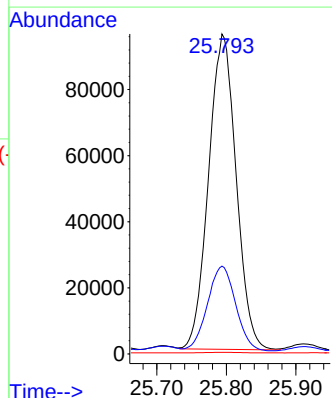
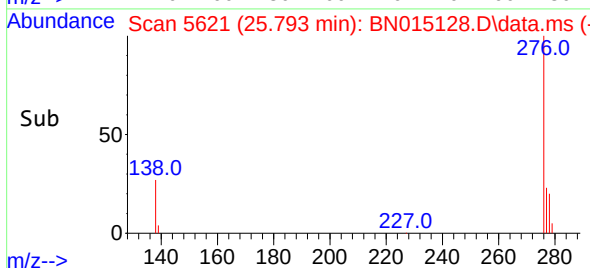
Tgt Ion:252 Resp: 413447
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 14.7 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.163 ng/ul
RT: 25.793 min Scan# 5621
Delta R.T. -0.047 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



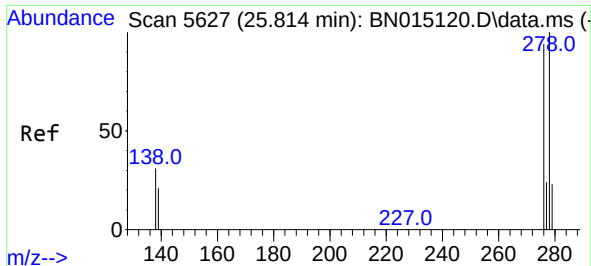
Tgt Ion:276 Resp: 262655
Ion Ratio Lower Upper
276 100
138 27.5 26.3 39.5
227 0.2 0.1 0.1#



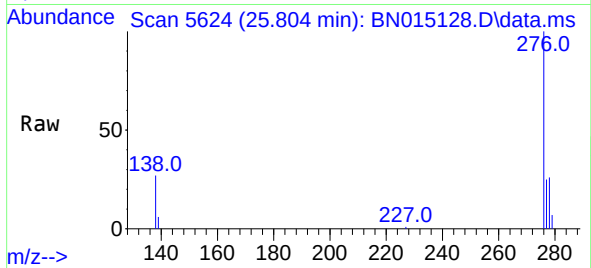
Instrument :
BNA_N
ClientSampleId :
BGDC6

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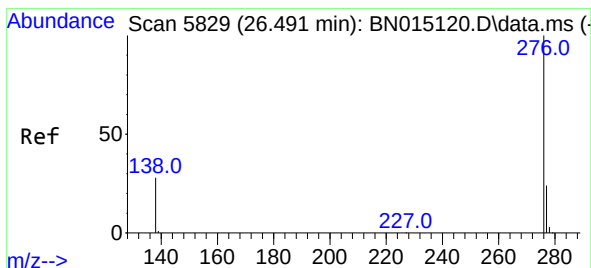
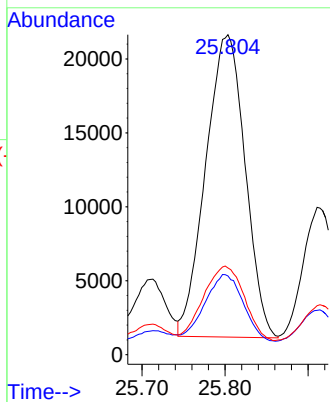
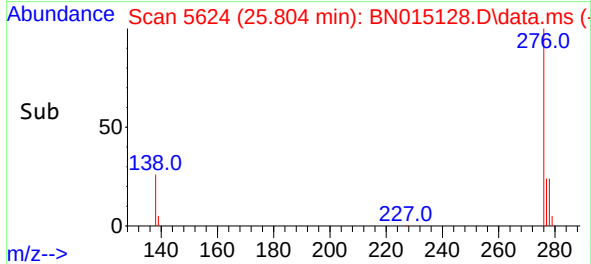
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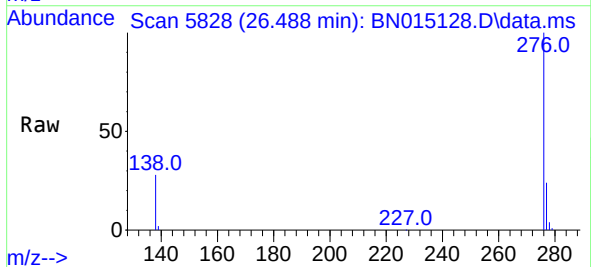
#28
Dibenzo(a,h)anthracene
Concen: 1.688 ng/ul
RT: 25.804 min Scan# 5624
Delta R.T. -0.057 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



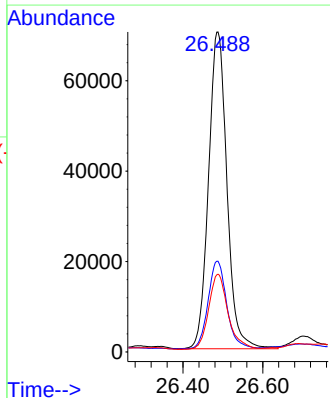
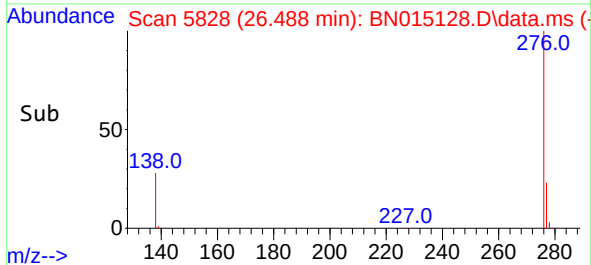
Tgt Ion:278 Resp: 67306
Ion Ratio Lower Upper
278 100
139 24.6 18.9 28.3
279 27.1 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 4.774 ng/ul
RT: 26.488 min Scan# 5828
Delta R.T. -0.037 min
Lab File: BN015128.D
Acq: 26 Jun 2021 22:23



Tgt Ion:276 Resp: 225011
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.4
277 24.3 19.3 28.9



Instrument :
BNA_N
ClientSampleId :
BGDC6

Manual Integrations
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