

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015149.D
 Acq On : 27 Jun 2021 12:42
 Operator : CG/JU
 Sample : M2704-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC7

Manual Integrations
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Quant Time: Jun 28 01:27:41 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	3745	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13321	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	7860	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	15455	0.400	ng/ul	-0.01
17) Chrysene-d12	21.299	240	12633	0.400	ng/ul	#-0.01
23) Perylene-d12	23.546	264	13531	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	11852	2.808	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3609	0.173	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	8834	0.213	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	143893	3.386	ng/ul	98
7) 2-Methylnaphthalene	12.162	142	28470	1.024	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	29947	1.113	ng/ul	99
10) Acenaphthylene	14.067	152	110516	2.720	ng/ul	99
11) Acenaphthene	14.414	153	363445	11.671	ng/ul	98
12) Fluorene	15.404	166	267561	7.776	ng/ul	100
15) Phenanthrene	17.141	178	1958615	34.917	ng/ul	100
16) Anthracene	17.229	178	628245	12.703	ng/ul	99
19) Fluoranthene	19.164	202	2704823	46.335	ng/ul	98
20) Pyrene	19.527	202	2177889	37.199	ng/ul	98
21) Benzo(a)anthracene	21.284	228	1205004	25.750	ng/ul	94
22) Chrysene	21.337	228	1031970	18.421	ng/ul	98
24) Benzo(b)fluoranthene	22.877	252	1226378m	19.401	ng/ul	
25) Benzo(k)fluoranthene	22.915	252	485063m	6.799	ng/ul	
26) Benzo(a)pyrene	23.450	252	1025690	19.319	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.797	276	592326	9.237	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.807	278	152174	3.027	ng/ul	99
29) Benzo(g,h,i)perylene	26.491	276	482976	8.129	ng/ul	99

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

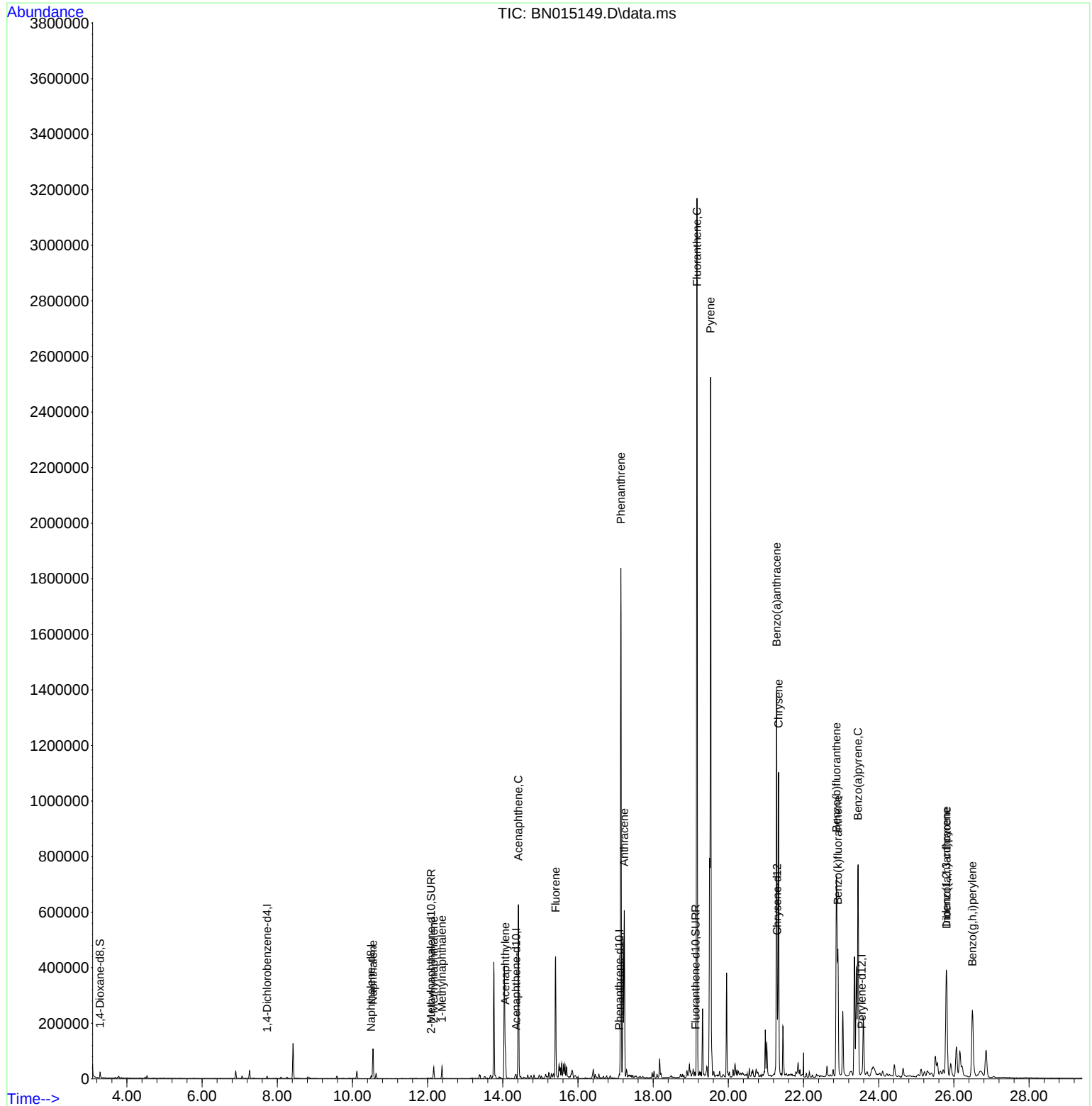
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015149.D
Acq On : 27 Jun 2021 12:42
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ALS Vial : 33 Sample Multiplier: 1

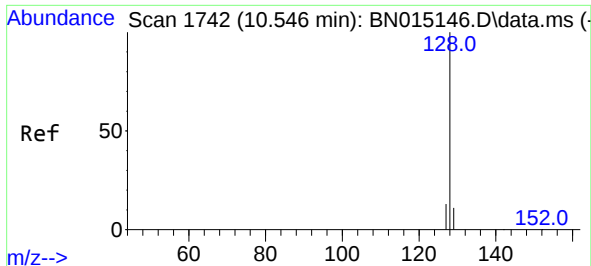
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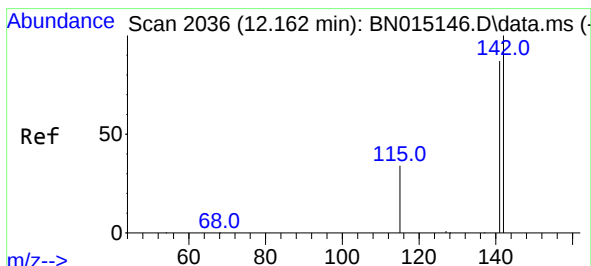
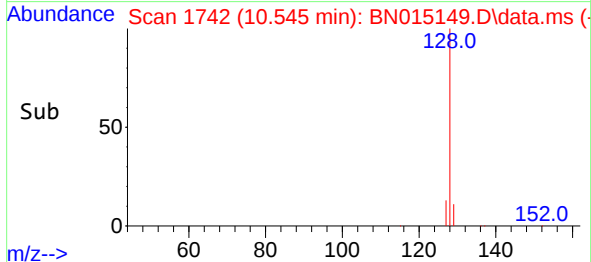
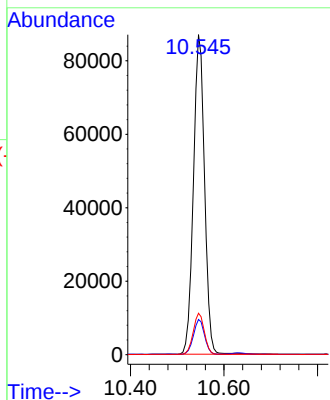
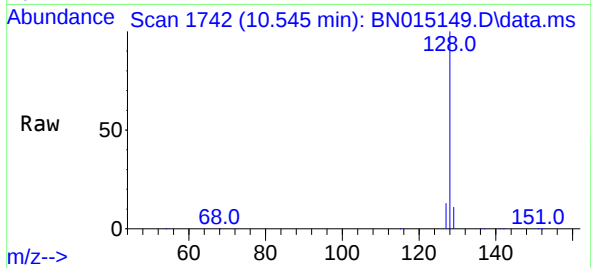
#5
Naphthalene
Concen: 3.386 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

Tgt Ion:128 Resp: 143893
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.9 10.8 16.2

Instrument :
BNA_N
ClientSampled :
BGDC7

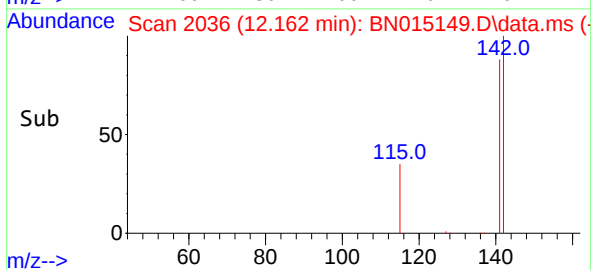
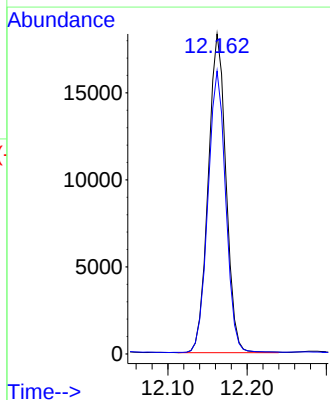
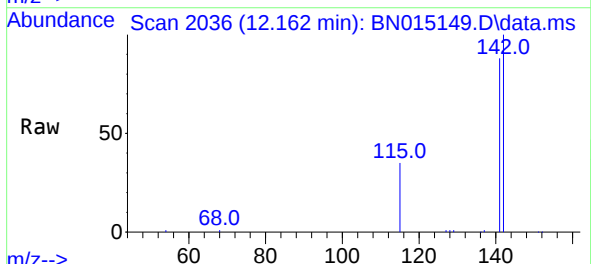
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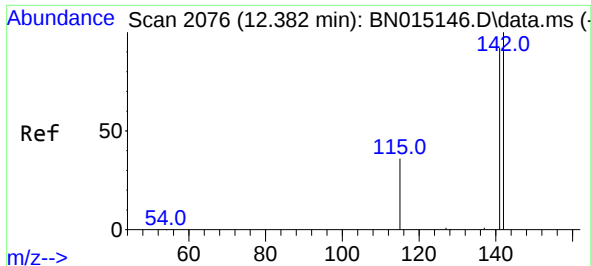
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#7
2-Methylnaphthalene
Concen: 1.024 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

Tgt Ion:142 Resp: 28470
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5





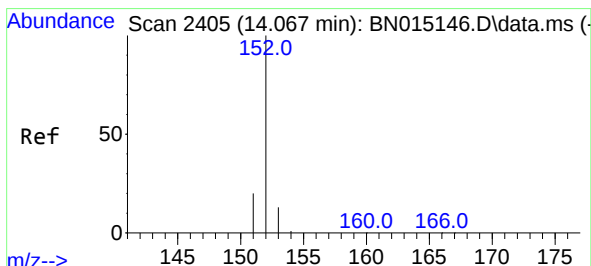
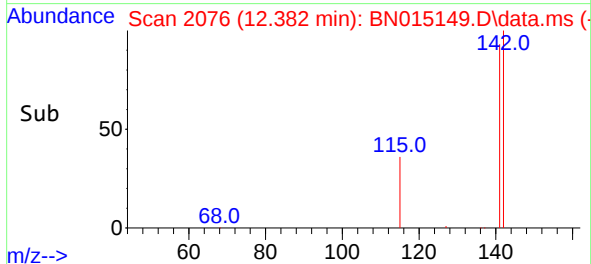
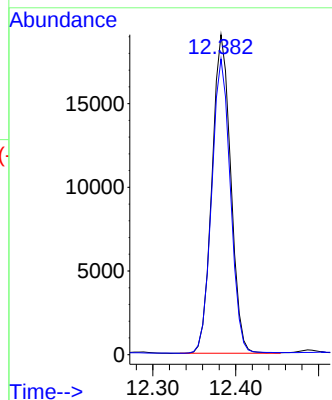
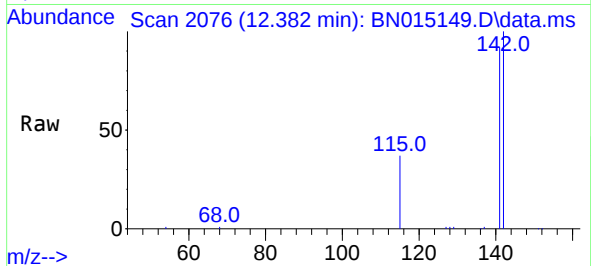
#8
1-Methylnaphthalene
Concen: 1.113 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

Tgt Ion:142 Resp: 29947
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

Instrument :
BNA_N
ClientSampled :
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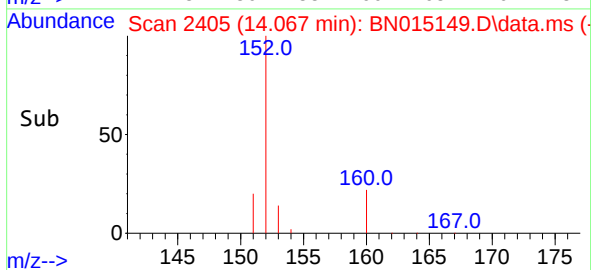
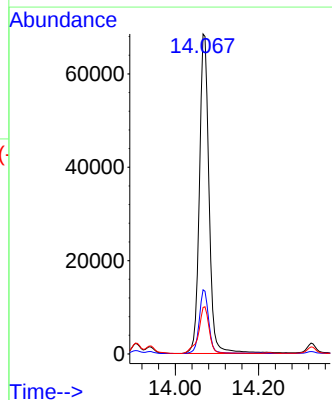
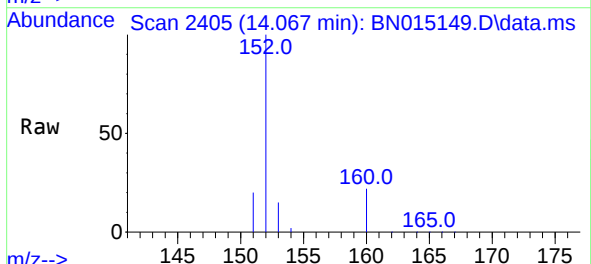
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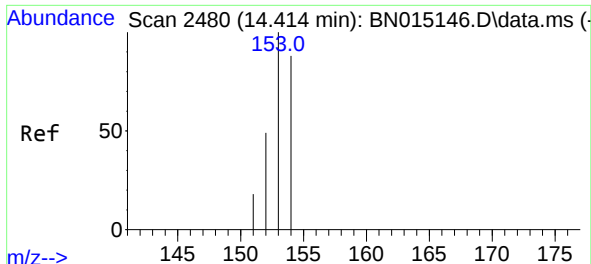
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#10
Acenaphthylene
Concen: 2.720 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.016 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

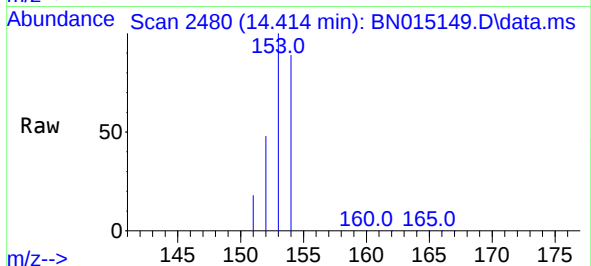
Tgt Ion:152 Resp: 110516
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 11.671 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

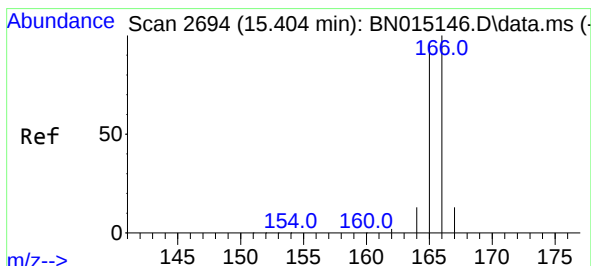
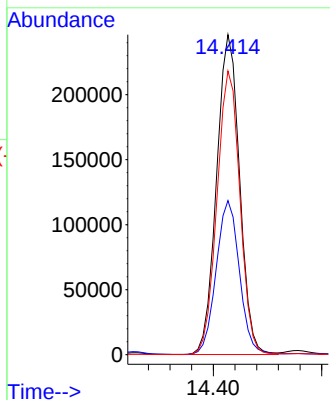
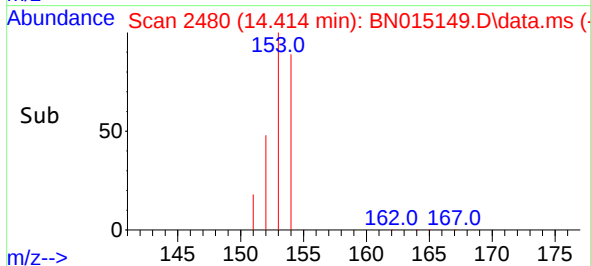
Instrument :
BNA_N
ClientSampled :
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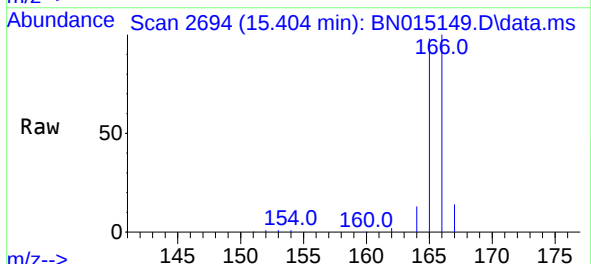
Tgt Ion:153 Resp: 363445
Ion Ratio Lower Upper
153 100
152 48.2 39.8 59.6
154 88.6 69.8 104.8

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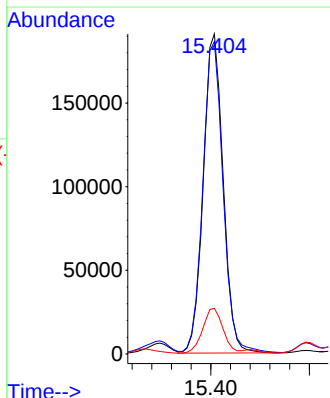
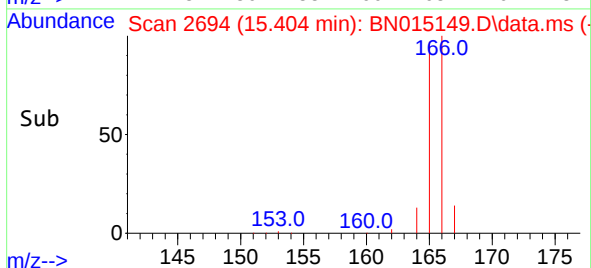
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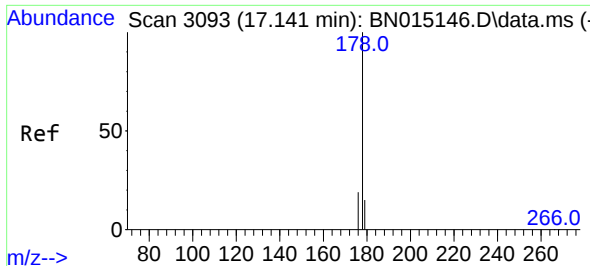


#12
Fluorene
Concen: 7.776 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



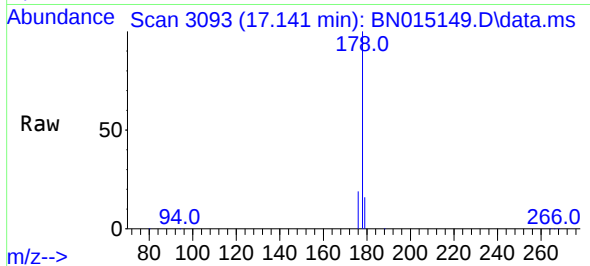
Tgt Ion:166 Resp: 267561
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 14.3 11.2 16.8





#15
Phenanthrene
Concen: 34.917 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

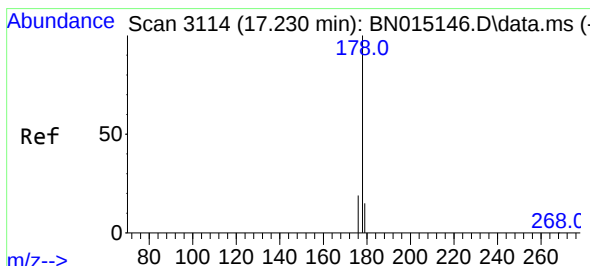
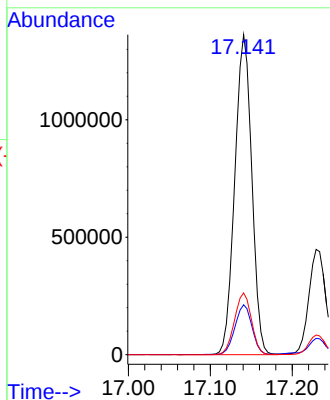
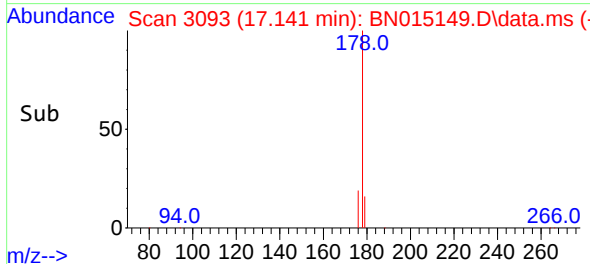
Instrument :
BNA_N
ClientSampled :
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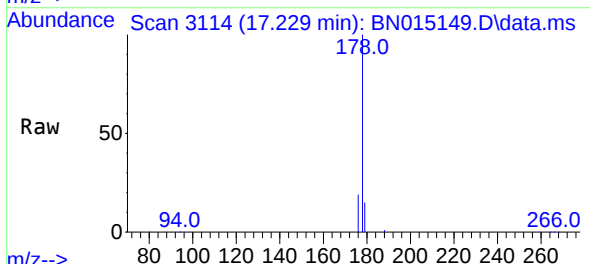
Tgt Ion:178 Resp: 1958615
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.3 15.5 23.3

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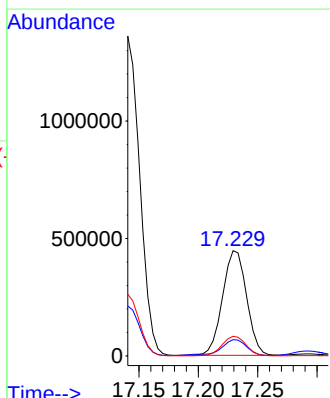
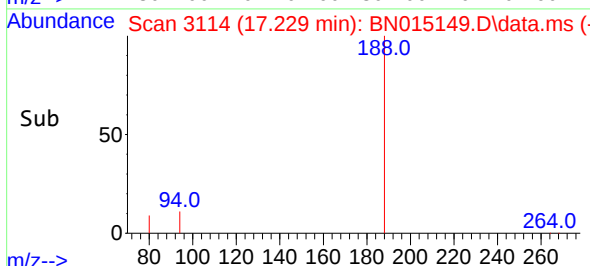
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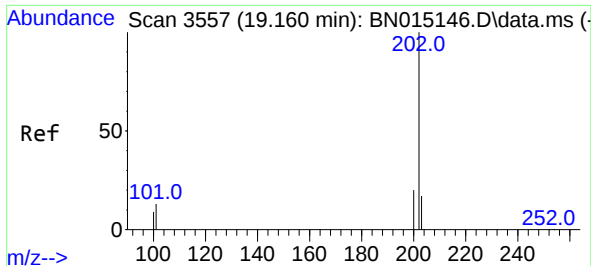


#16
Anthracene
Concen: 12.703 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.015 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



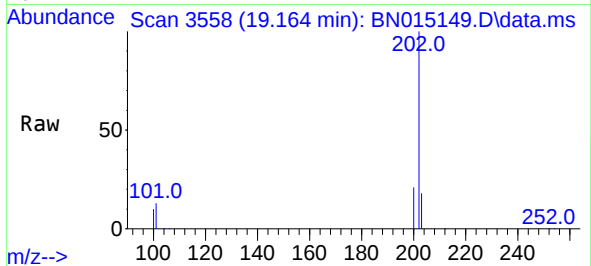
Tgt Ion:178 Resp: 628245
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.8 15.2 22.8





#19
Fluoranthene
Concen: 46.335 ng/u1
RT: 19.164 min Scan# 3558
Delta R.T. -0.011 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

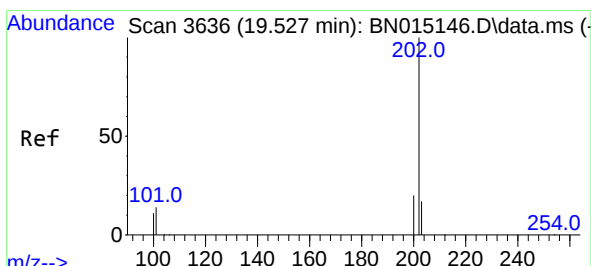
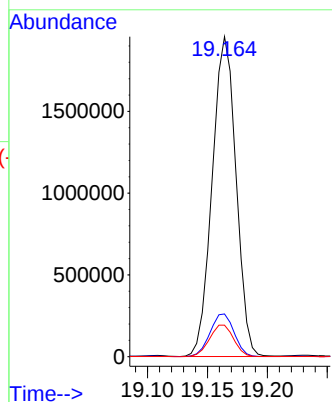
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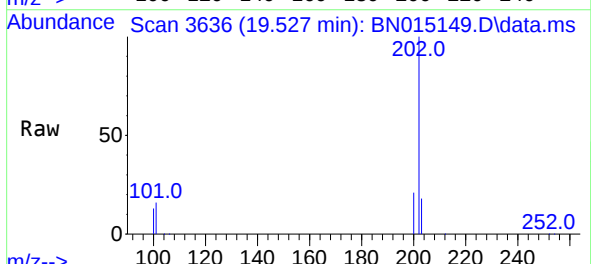
Tgt Ion:202 Resp: 2704823
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.8 7.4 11.0

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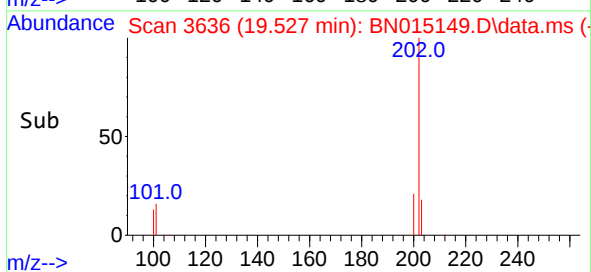
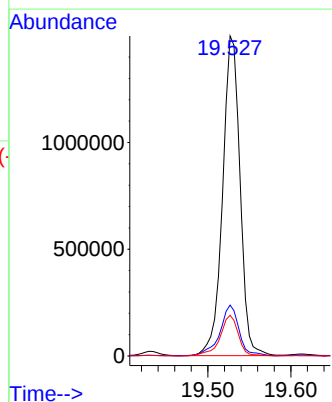
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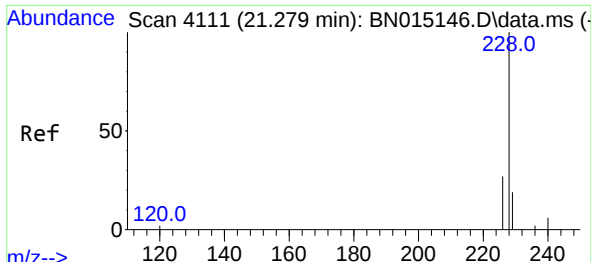


#20
Pyrene
Concen: 37.199 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

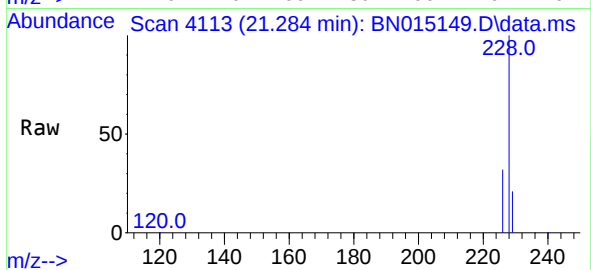


Tgt Ion:202 Resp: 2177889
Ion Ratio Lower Upper
202 100
101 15.9 12.0 18.0
100 12.7 9.6 14.4

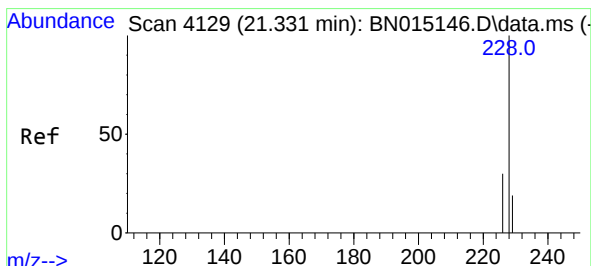
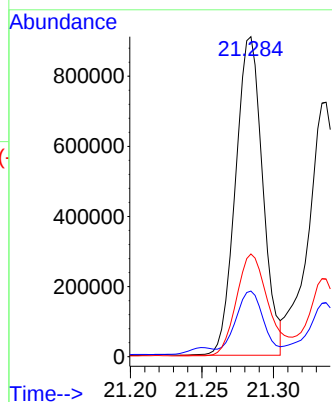
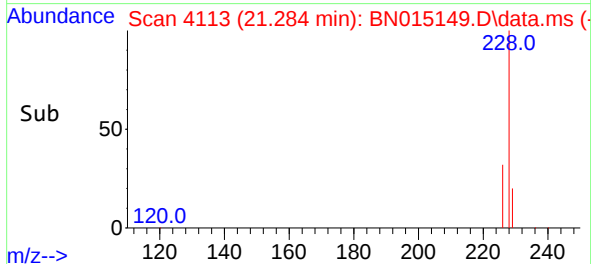




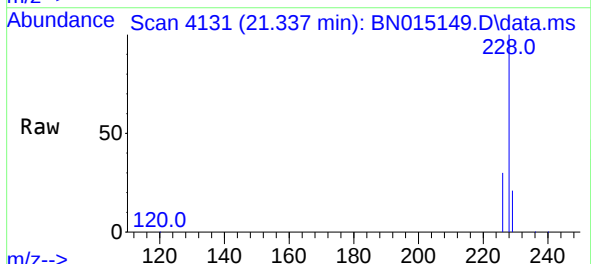
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Benzo(a)anthracene
Concen: 25.750 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



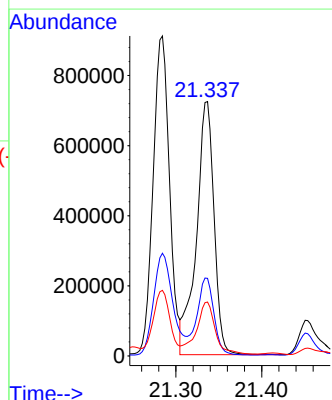
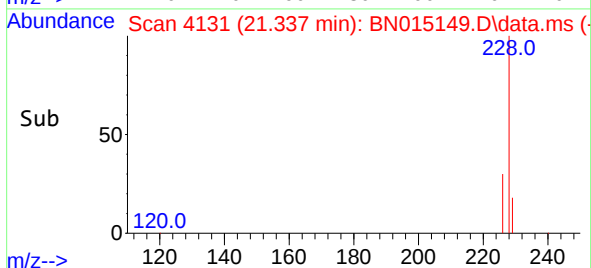
Tgt Ion:228 Resp: 1205004
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 32.1 21.8 32.8



#22
Chrysene
Concen: 18.421 ng/ul
RT: 21.337 min Scan# 4131
Delta R.T. -0.012 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



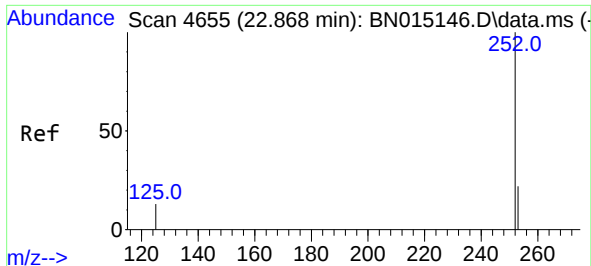
Tgt Ion:228 Resp: 1031970
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.2 15.7 23.5



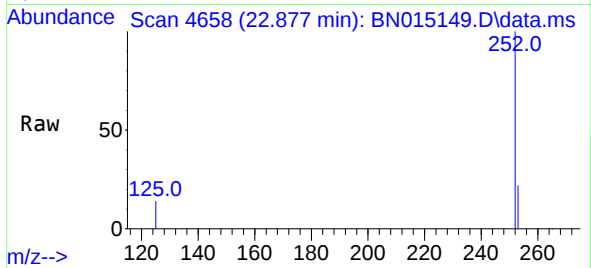
Instrument :
BNA_N
ClientSampled :
BGDC7

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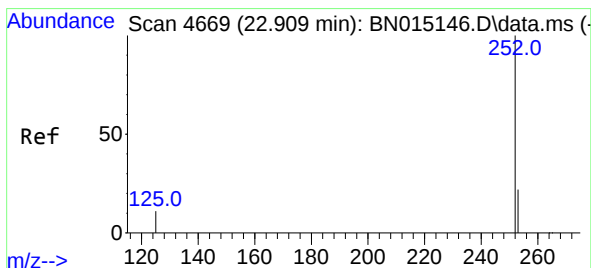
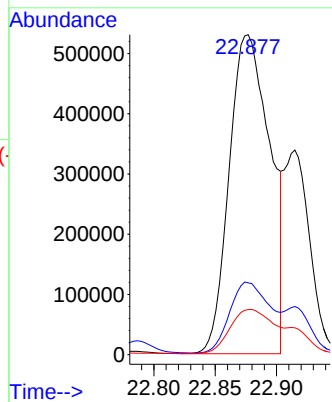
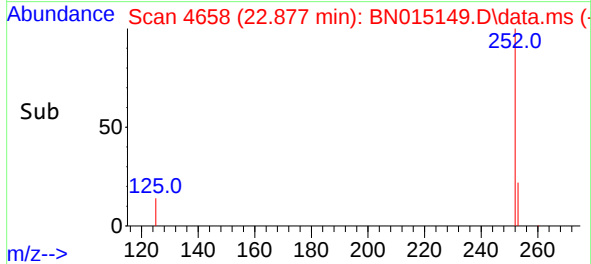
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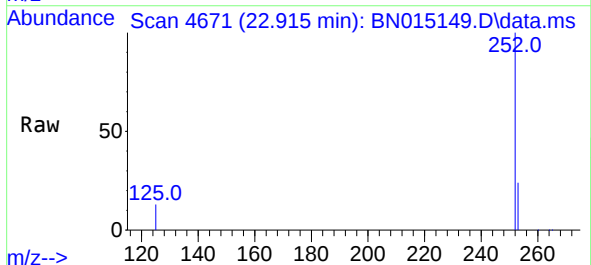
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Benzo(b)fluoranthene
Concen: 19.401 ng/ul m
RT: 22.877 min Scan# 4658
Delta R.T. -0.018 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



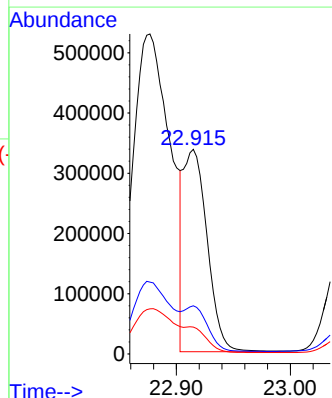
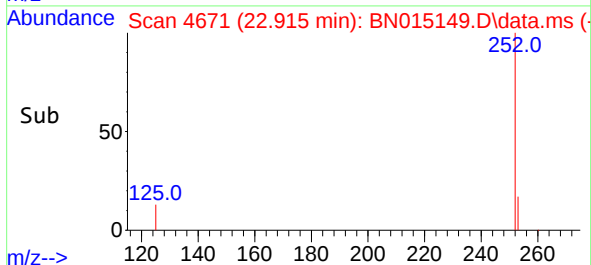
Tgt Ion:252 Resp: 1226378
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.6
125 14.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 6.799 ng/ul m
RT: 22.915 min Scan# 4671
Delta R.T. -0.024 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



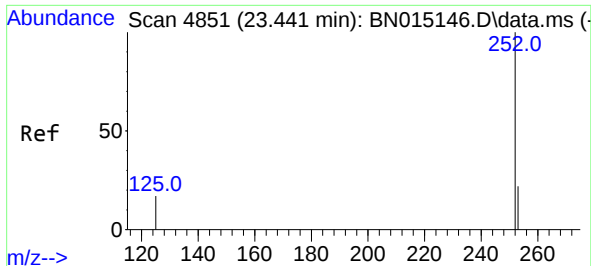
Tgt Ion:252 Resp: 485063
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 13.1 11.5 17.3



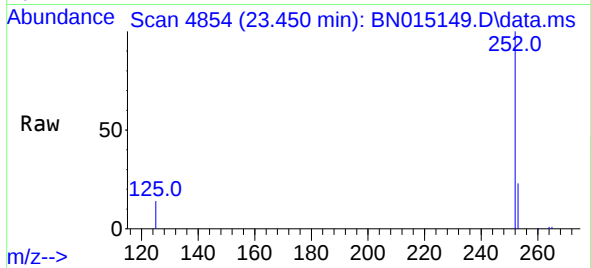
Instrument :
BNA_N
ClientSampled :
BGDC7

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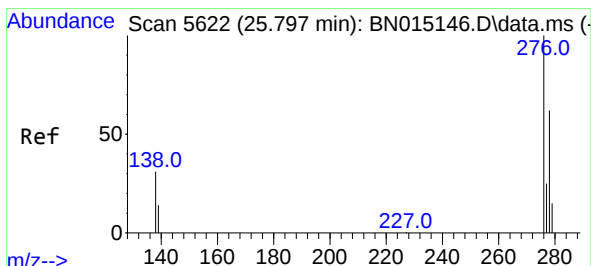
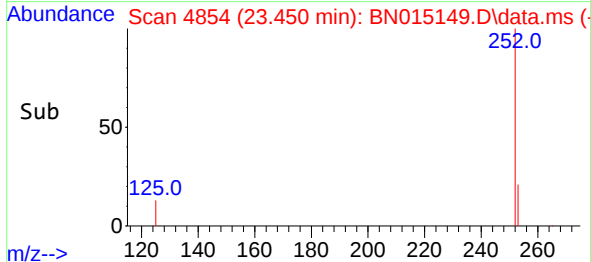
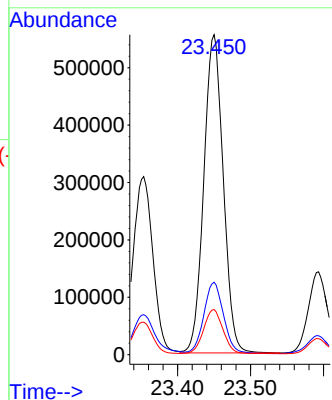
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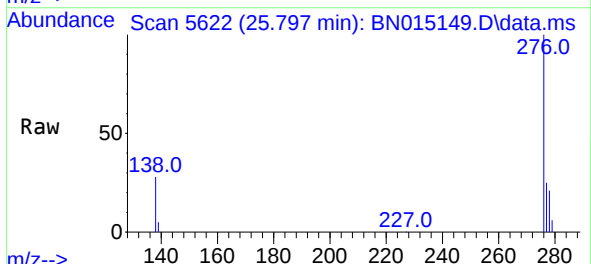
#26
Benzo(a)pyrene
Concen: 19.319 ng/ul
RT: 23.450 min Scan# 4854
Delta R.T. -0.021 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



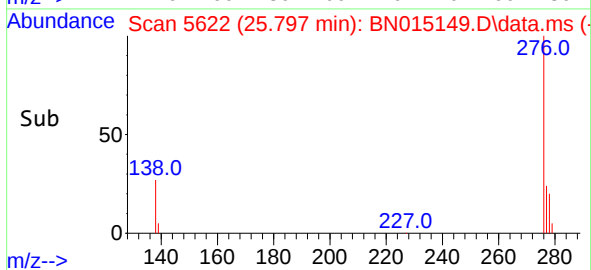
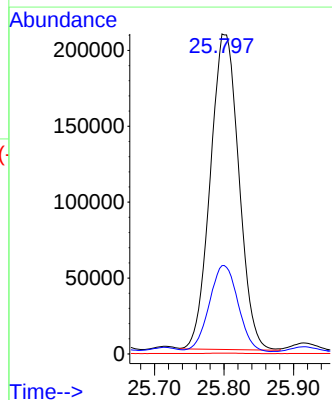
Tgt Ion:252 Resp: 1025690
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 14.1 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.237 ng/ul
RT: 25.797 min Scan# 5622
Delta R.T. -0.044 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42



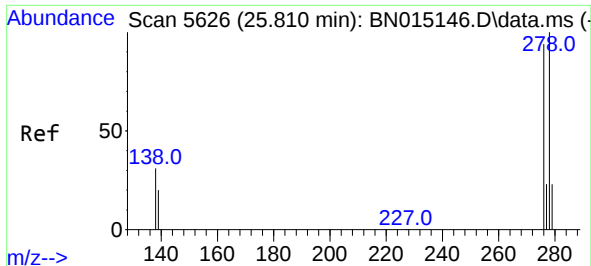
Tgt Ion:276 Resp: 592326
Ion Ratio Lower Upper
276 100
138 27.6 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDC7

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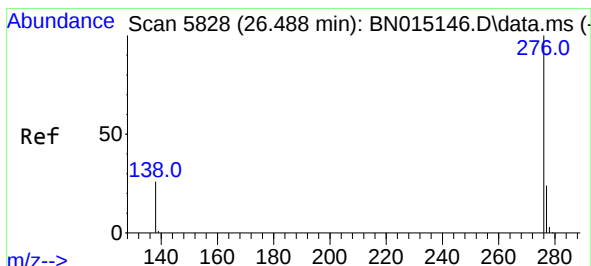
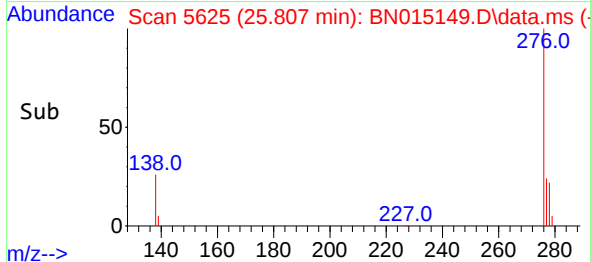
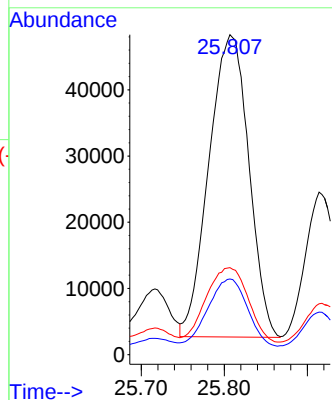
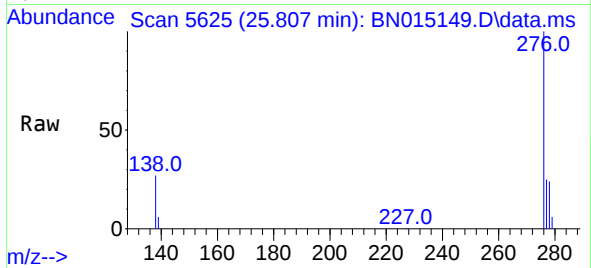
#28
Dibenzo(a,h)anthracene
Concen: 3.027 ng/ul
RT: 25.807 min Scan# 5625
Delta R.T. -0.054 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

Tgt Ion:278 Resp: 152174
Ion Ratio Lower Upper
278 100
139 23.7 18.9 28.3
279 27.2 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDC7

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 8.129 ng/ul
RT: 26.491 min Scan# 5829
Delta R.T. -0.034 min
Lab File: BN015149.D
Acq: 27 Jun 2021 12:42

Tgt Ion:276 Resp: 482976
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.4
277 24.0 19.3 28.9

