

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015523.D
 Acq On : 13 Jul 2021 11:50
 Operator : CG/JU
 Sample : M2869-19
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD3

Manual Integrations
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7/13/2021 1:45:53 PM

Quant Time: Jul 13 12:19:50 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	3628	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	12758	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	7202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13509	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	9609	0.400	ng/ul	# 0.00
23) Perylene-d12	23.748	264	15013	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7267	1.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3359	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	7980	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	219591	5.395	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	28939	1.087	ng/ul	100
8) 1-Methylnaphthalene	12.481	142	24247	0.941	ng/ul	99
10) Acenaphthylene	14.159	152	349452	9.385	ng/ul	99
11) Acenaphthene	14.501	153	199998	7.009	ng/ul	99
12) Fluorene	15.491	166	286441	9.085	ng/ul	98
15) Phenanthrene	17.238	178	3194806	65.160	ng/ul	99
16) Anthracene	17.326	178	1376897	31.852	ng/ul	99
19) Fluoranthene	19.266	202	4896390	110.274	ng/ul	99
20) Pyrene	19.624	202	3948287	88.661	ng/ul	98
21) Benzo(a)anthracene	21.378	228	2766610m	77.724	ng/ul	
22) Chrysene	21.433	228	2369350	55.602	ng/ul	97
24) Benzo(b)fluoranthene	23.046	252	2780371m	39.642	ng/ul	
25) Benzo(k)fluoranthene	23.084	252	1297421m	16.389	ng/ul	
26) Benzo(a)pyrene	23.652	252	1731305	29.390	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	26.182	276	1161870	16.330	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.189	278	366239	6.565	ng/ul	95
29) Benzo(g,h,i)perylene	26.917	276	99742	1.513	ng/ul#	93

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

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ALS Vial : 40 Sample Multiplier: 1

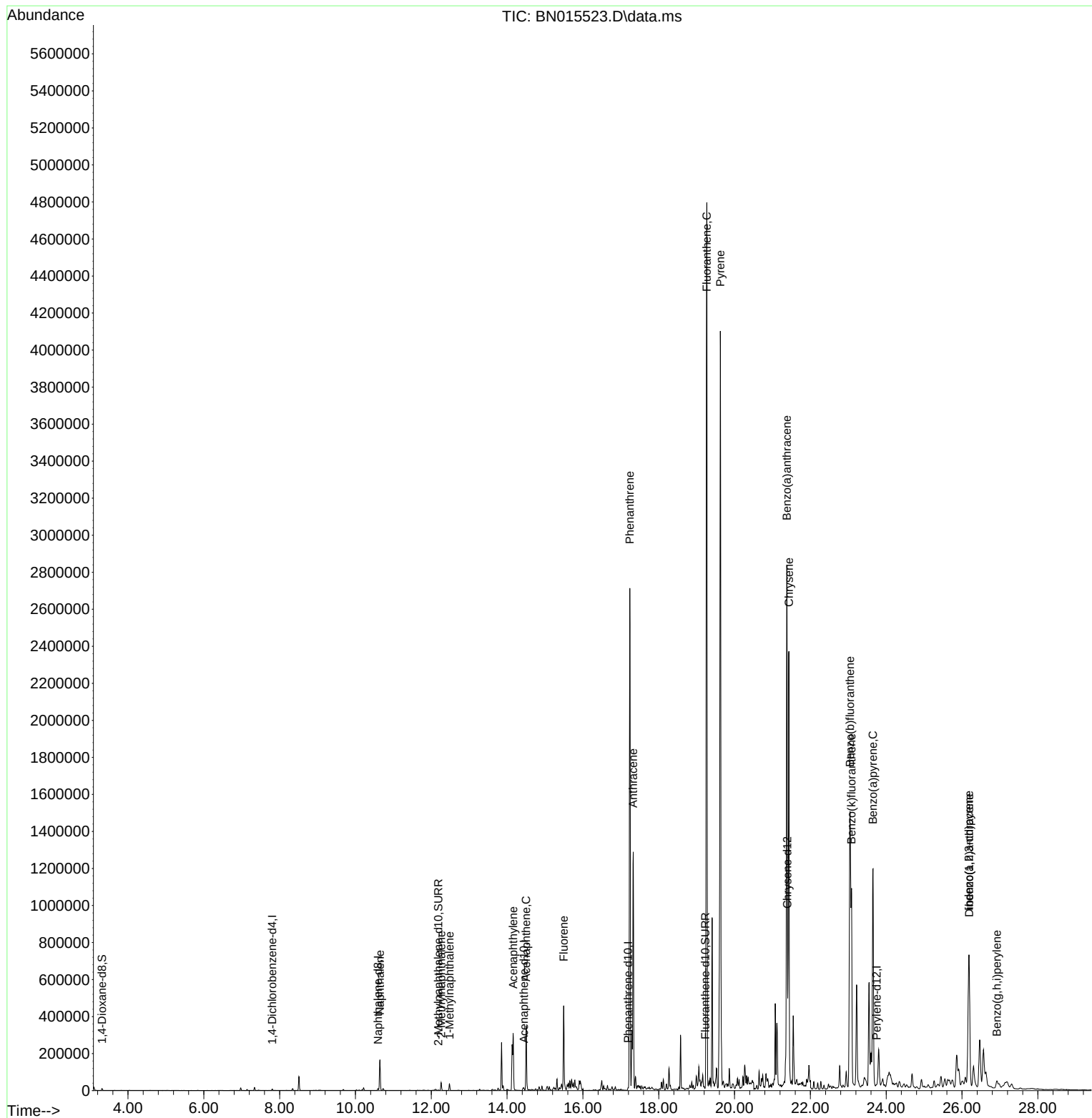
Instrument :
BNA_N
ClientSampleId :
BGDX3

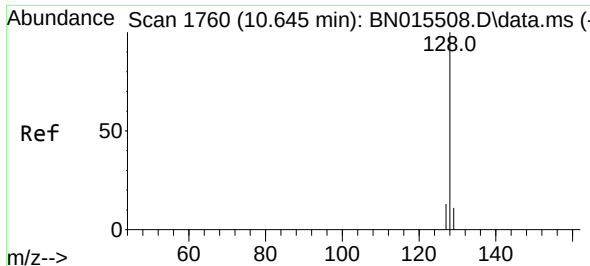
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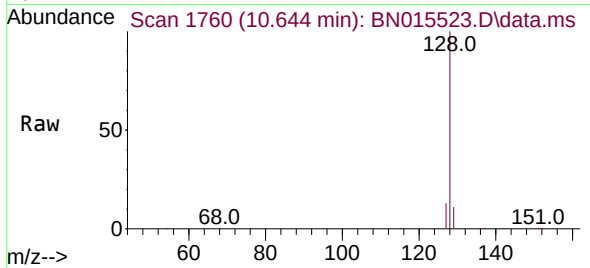
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QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

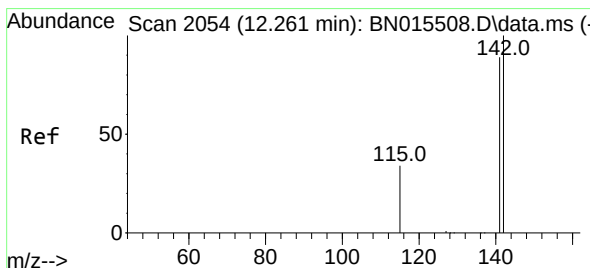
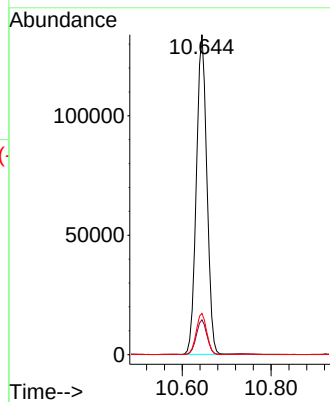
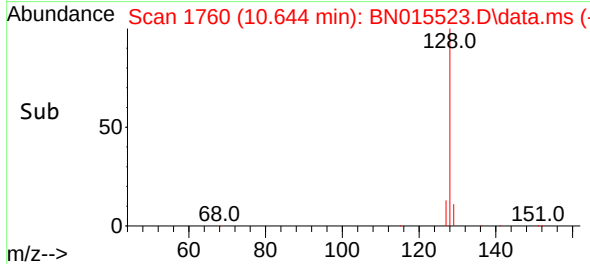




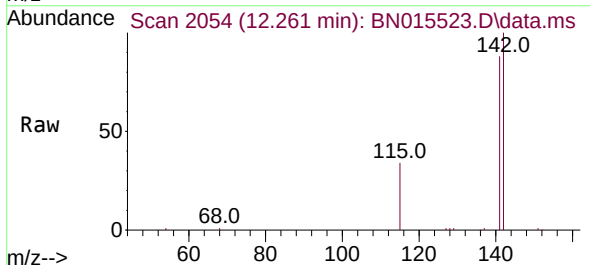
#5
Naphthalene
Concen: 5.395 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



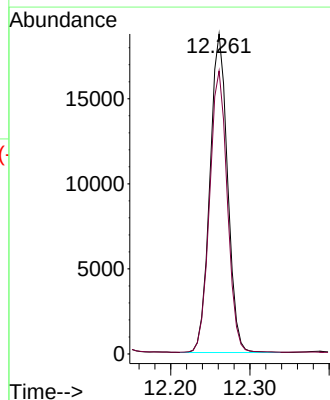
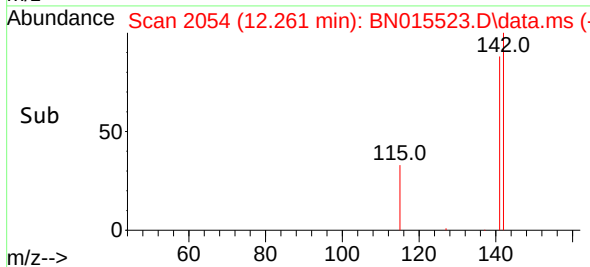
Tgt Ion:128 Resp: 219591
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.9 10.8 16.2



#7
2-Methylnaphthalene
Concen: 1.087 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



Tgt Ion:142 Resp: 28939
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

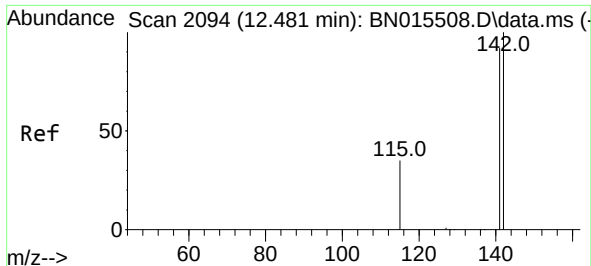


Instrument :
BNA_N
ClientSampleId :
BGDX3

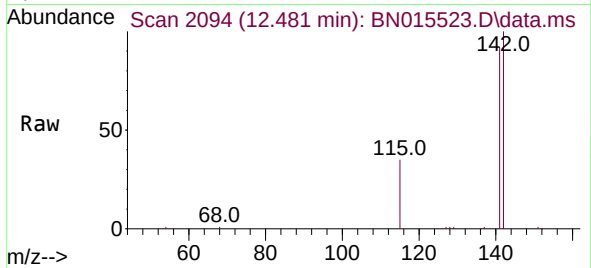
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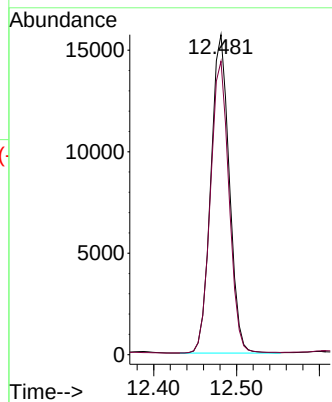
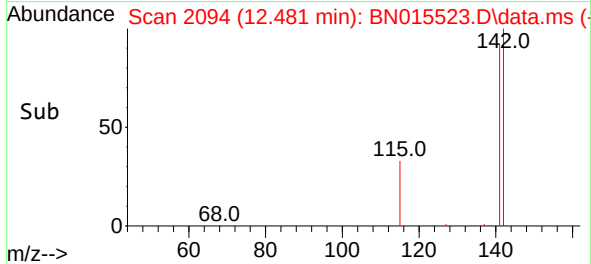
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#8
1-Methylnaphthalene
Concen: 0.941 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



Tgt Ion:142 Resp: 24247
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4

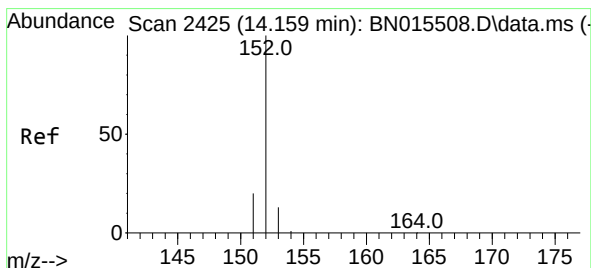


Instrument :
BNA_N
ClientSampleId :
BGDX3

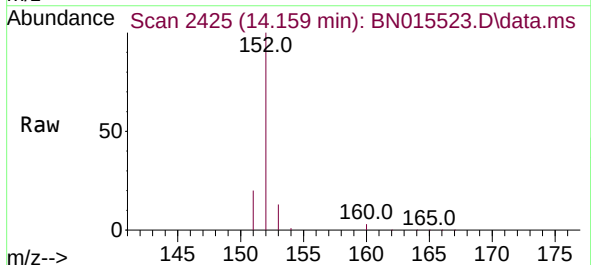
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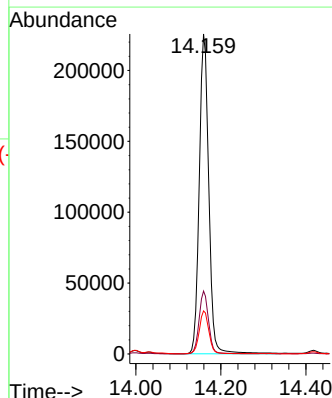
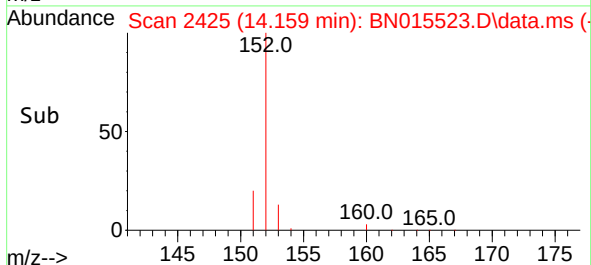
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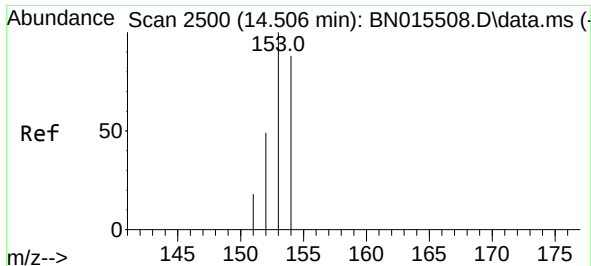


#10
Acenaphthylene
Concen: 9.385 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



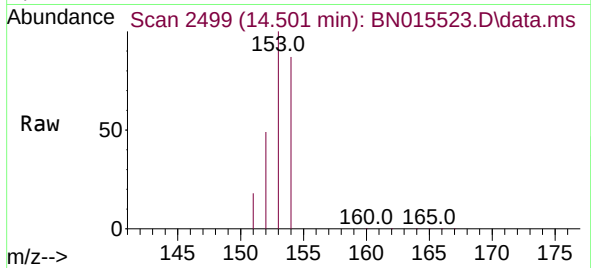
Tgt Ion:152 Resp: 349452
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 7.009 ng/uI
RT: 14.501 min Scan# 2499
Delta R.T. -0.005 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Instrument :
BNA_N
ClientSampleId :
BGDX3

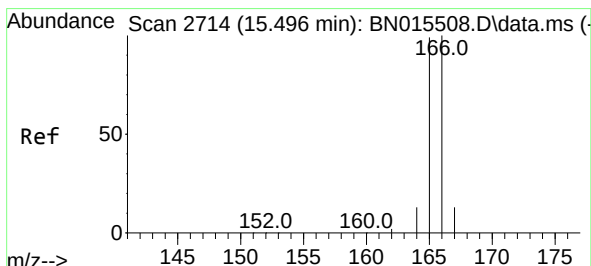
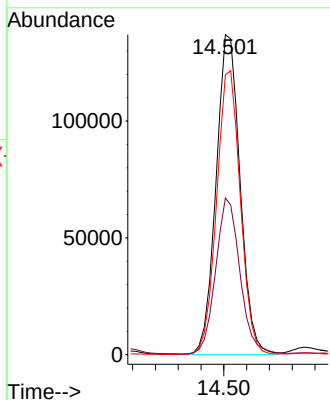
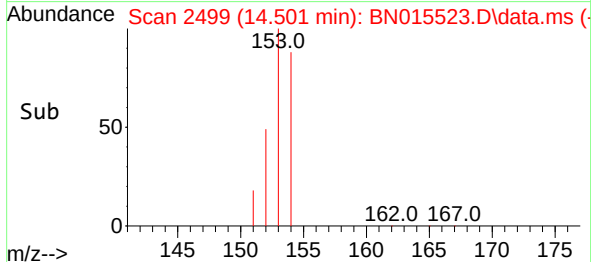


Tgt Ion:153 Resp: 199998
Ion Ratio Lower Upper
153 100
152 48.9 39.8 59.6
154 87.5 69.8 104.8

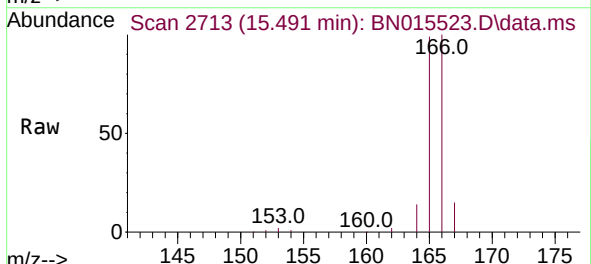
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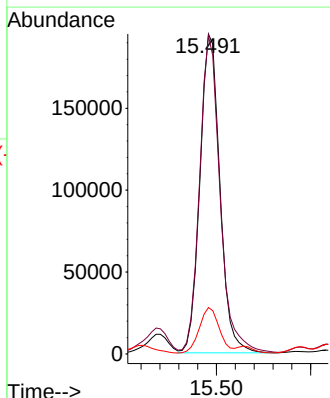
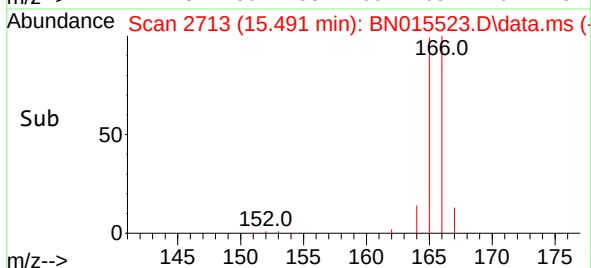
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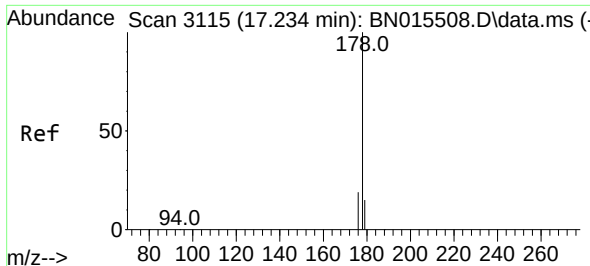


#12
Fluorene
Concen: 9.085 ng/uI
RT: 15.491 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



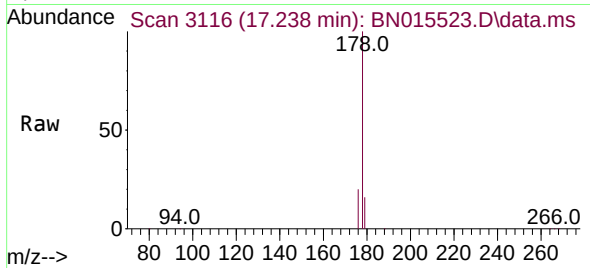
Tgt Ion:166 Resp: 286441
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.8
167 14.5 11.2 16.8





#15
Phenanthrene
Concen: 65.160 ng/uI
RT: 17.238 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Instrument :
BNA_N
ClientSampled :
BGDX3

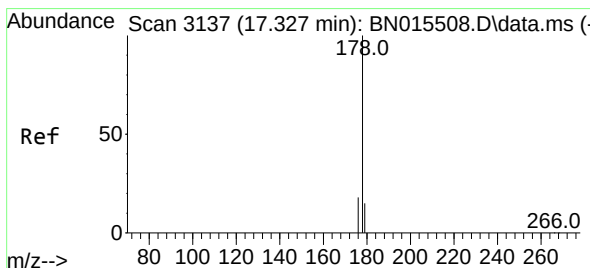
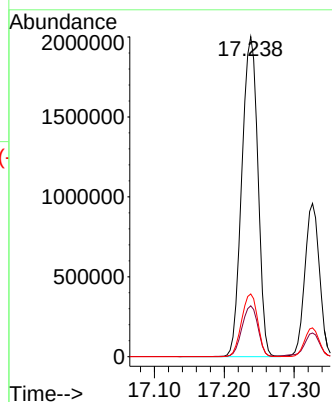


Tgt Ion:178 Resp: 3194806
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.6 15.5 23.3

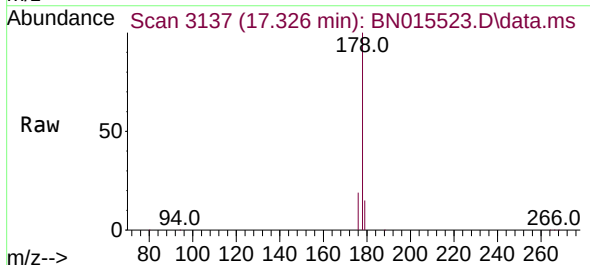
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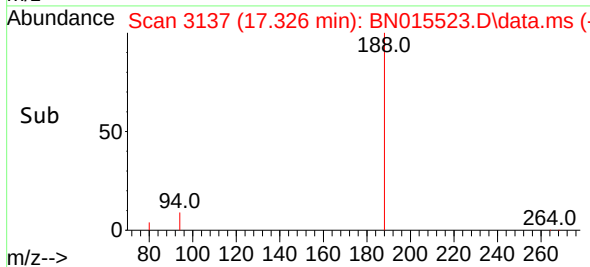
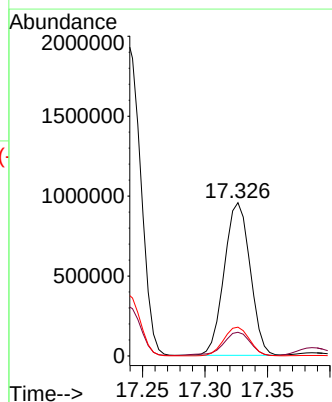
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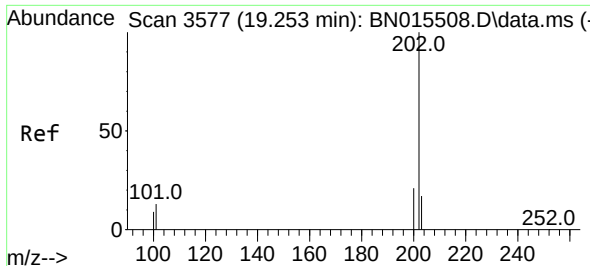


#16
Anthracene
Concen: 31.852 ng/uI
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



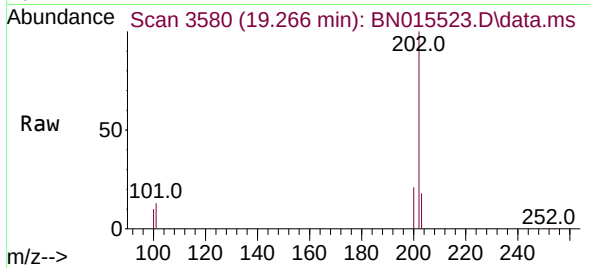
Tgt Ion:178 Resp: 1376897
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.8 15.2 22.8





#19
Fluoranthene
Concen: 110.274 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. 0.009 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Instrument :
BNA_N
ClientSampleId :
BGDX3

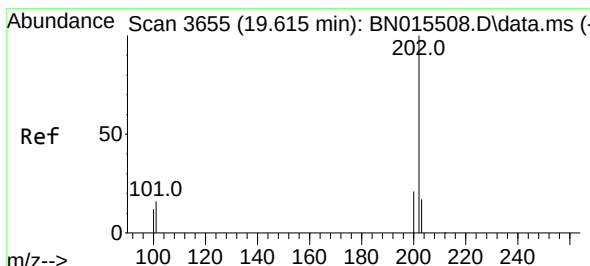
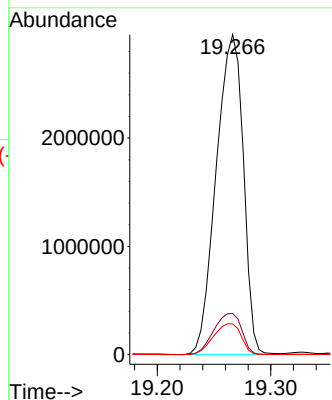
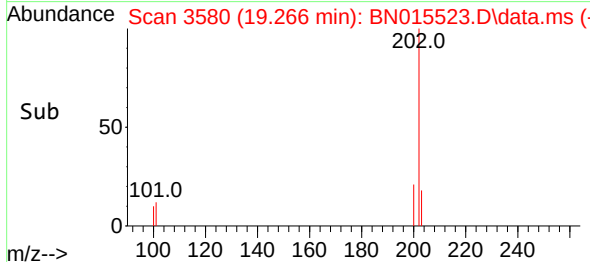


Tgt Ion:202 Resp: 4896390
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.6 7.4 11.0

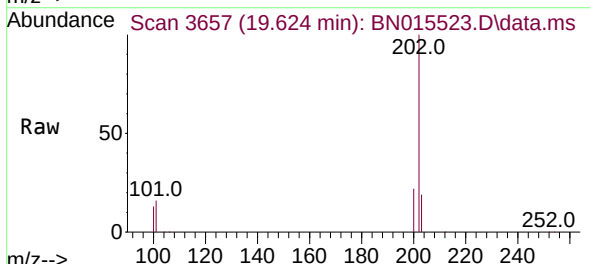
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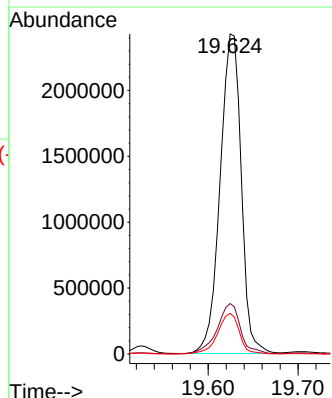
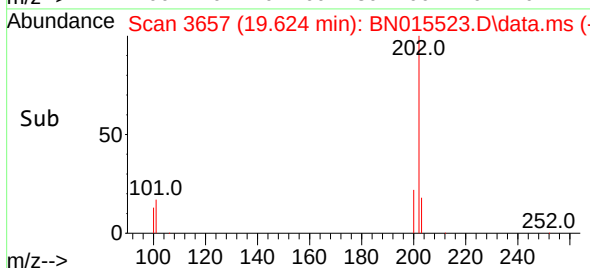
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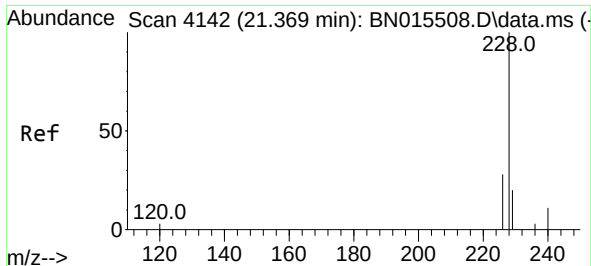


#20
Pyrene
Concen: 88.661 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. 0.004 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

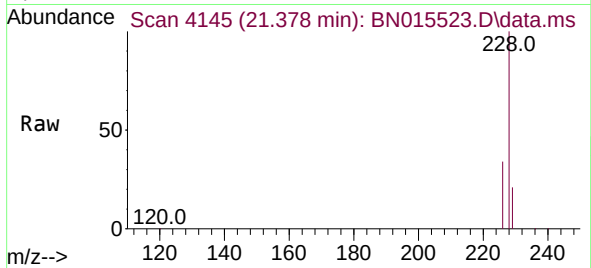


Tgt Ion:202 Resp: 3948287
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.7 9.6 14.4

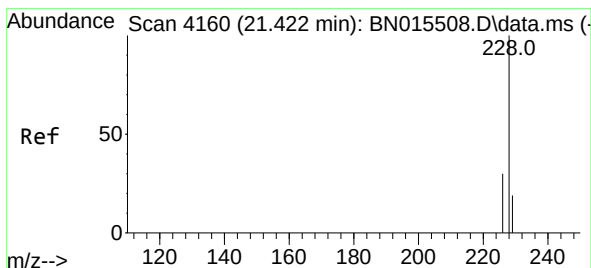
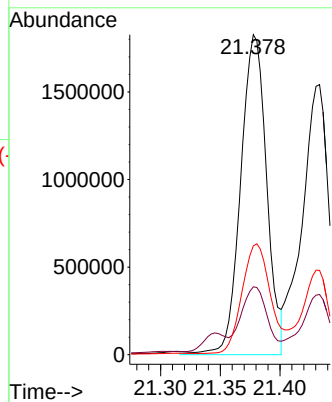
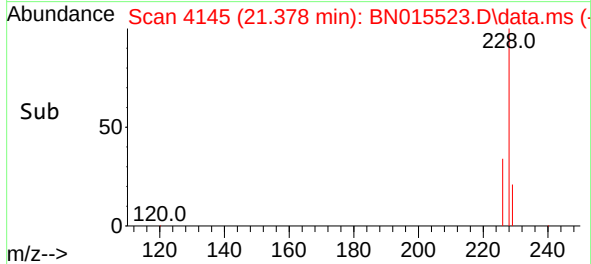




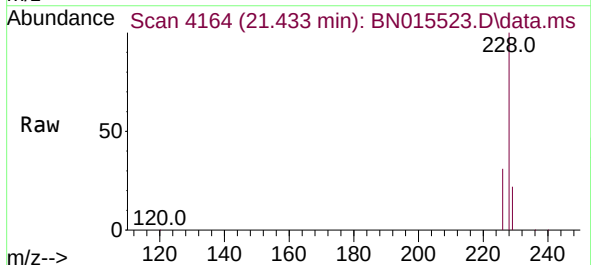
#21
Benzo(a)anthracene
Concen: 77.724 ng/ul m
RT: 21.378 min Scan# 4145
Delta R.T. 0.003 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



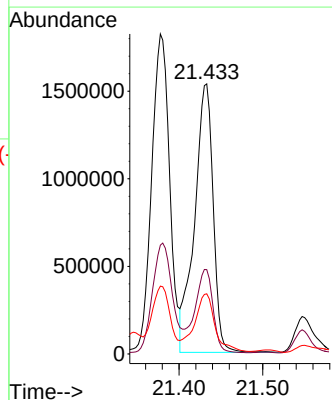
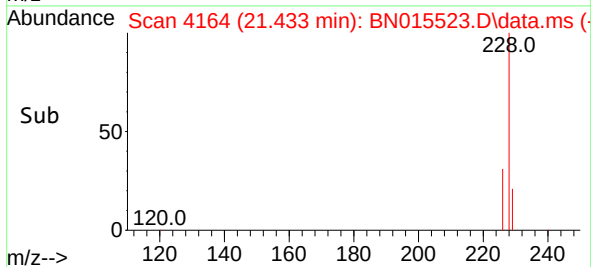
Tgt Ion:228 Resp: 2766610
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 34.0 21.8 32.8#



#22
Chrysene
Concen: 55.602 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. 0.006 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



Tgt Ion:228 Resp: 2369350
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 22.3 15.7 23.5

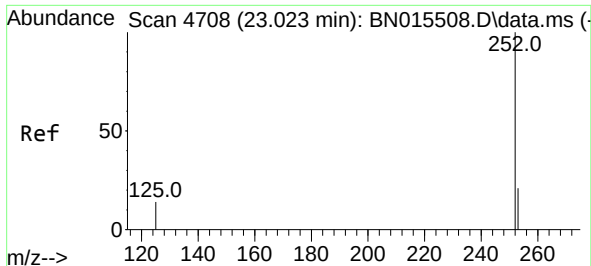


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#24
Benzo(b)fluoranthene
Concen: 39.642 ng/ul m
RT: 23.046 min Scan# 4716
Delta R.T. 0.017 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

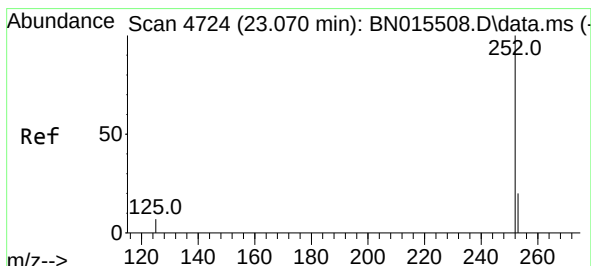
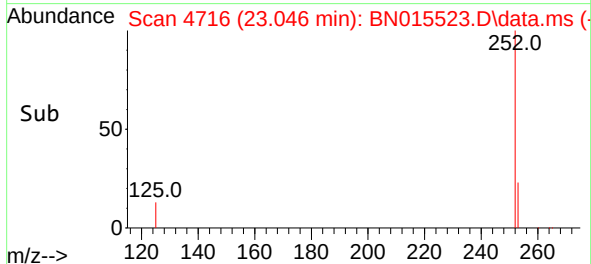
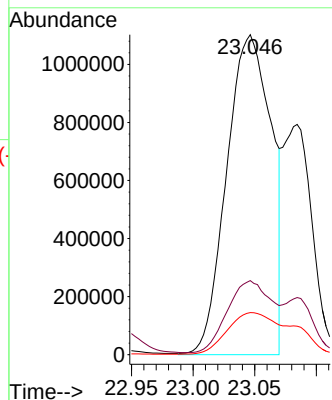
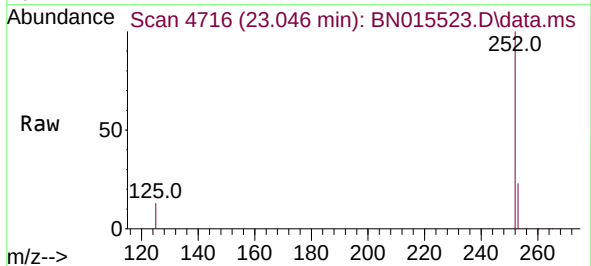
Tgt Ion:252 Resp: 2780371
Ion Ratio Lower Upper
252 100
253 23.1 0.0 45.6
125 13.2 0.0 28.4

Instrument :
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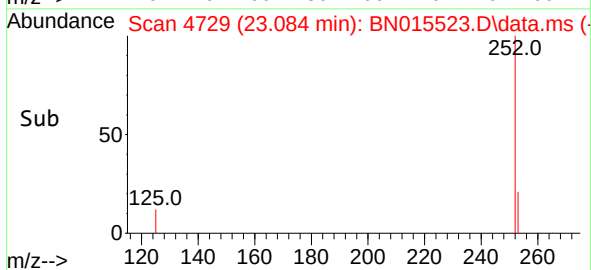
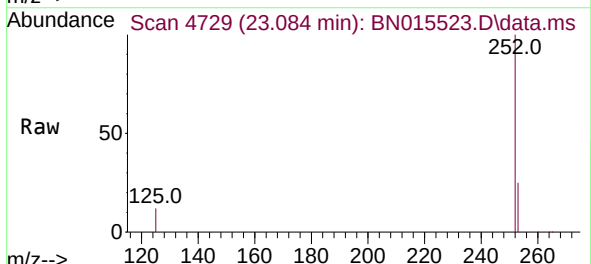
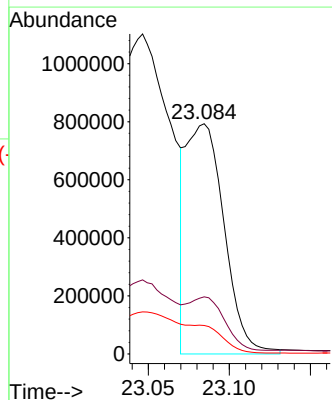
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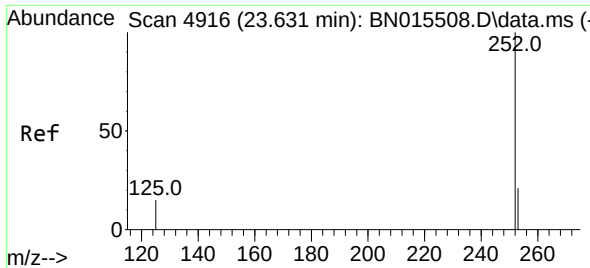
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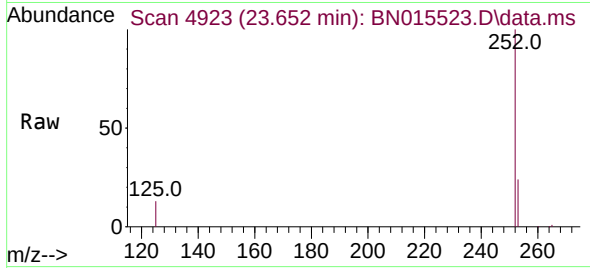
#25
Benzo(k)fluoranthene
Concen: 16.389 ng/ul m
RT: 23.084 min Scan# 4729
Delta R.T. 0.006 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Tgt Ion:252 Resp: 1297421
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 12.4 11.5 17.3

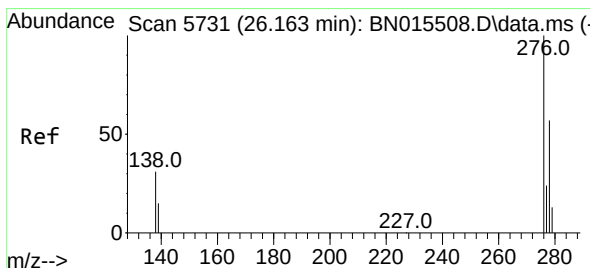
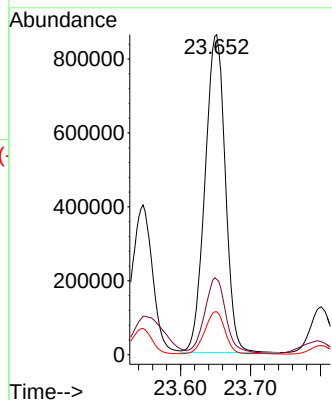
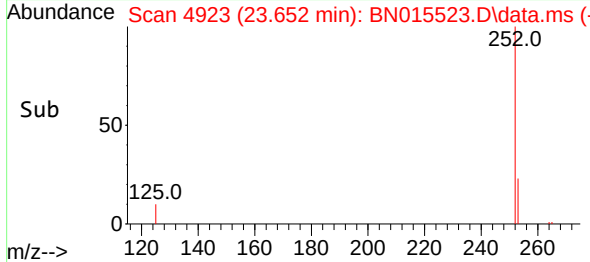




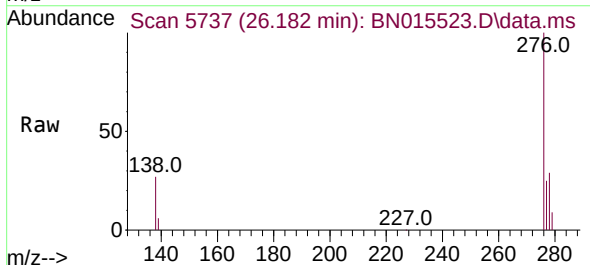
#26
Benzo(a)pyrene
Concen: 29.390 ng/ul
RT: 23.652 min Scan# 4923
Delta R.T. 0.011 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



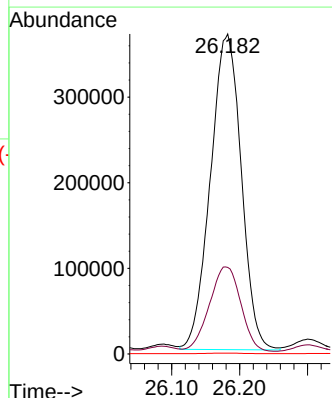
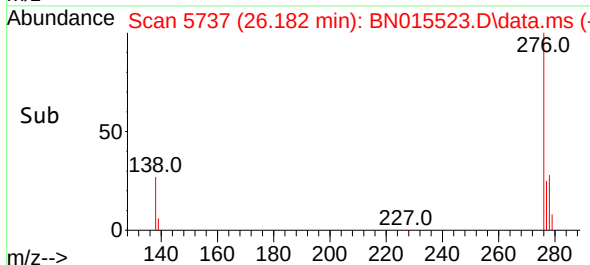
Tgt Ion:252 Resp: 1731305
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 13.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 16.330 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. 0.013 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50



Tgt Ion:276 Resp: 1161870
Ion Ratio Lower Upper
276 100
138 27.2 26.3 39.5
227 0.2 0.1 0.1#

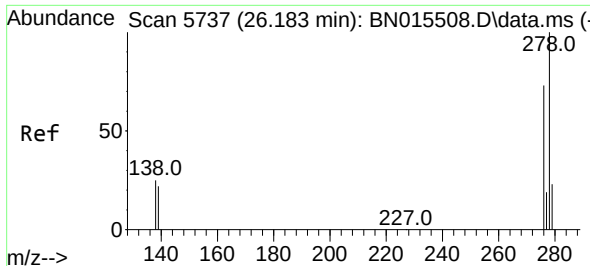


Instrument :
BNA_N
ClientSampleId :
BGDX3

Manual Integrations
APPROVED

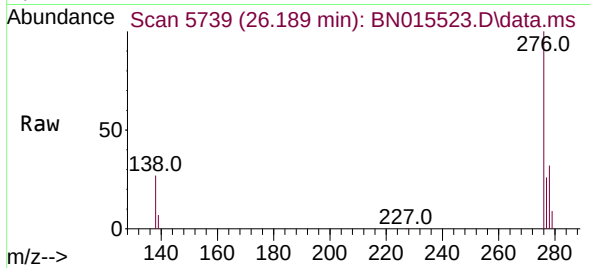
mohammad

7/13/2021 1:45:53 PM



#28
Dibenzo(a,h)anthracene
Concen: 6.565 ng/ul
RT: 26.189 min Scan# 5739
Delta R.T. -0.000 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Instrument :
BNA_N
ClientSampled :
BGDX3

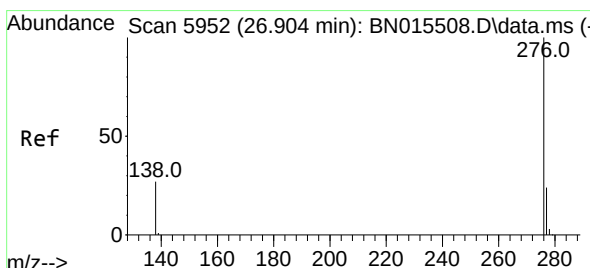
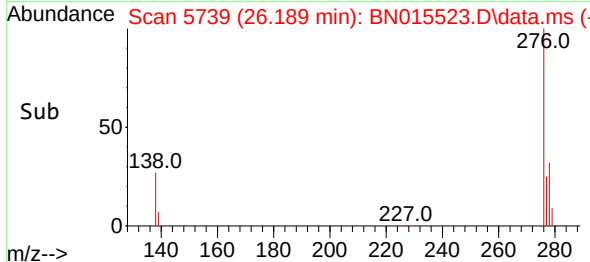
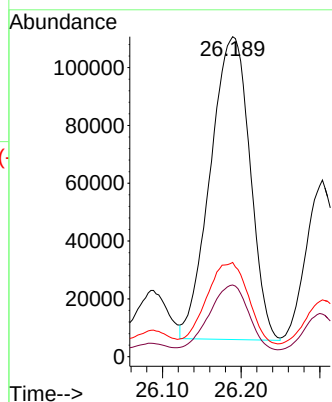


Tgt Ion:278 Resp: 366239
Ion Ratio Lower Upper
278 100
139 22.4 18.9 28.3
279 29.5 20.8 31.2

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 1.513 ng/ul
RT: 26.917 min Scan# 5956
Delta R.T. 0.006 min
Lab File: BN015523.D
Acq: 13 Jul 2021 11:50

Tgt Ion:276 Resp: 99742
Ion Ratio Lower Upper
276 100
138 31.0 23.0 34.4
277 29.6 19.3 28.9#

