

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015491.D
 Acq On : 12 Jul 2021 15:55
 Operator : CG/JU
 Sample : M2808-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS7

Manual Integrations
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Quant Time: Jul 12 16:25:44 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 15:47:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	9994	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	5121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10067	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8180	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	7639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	6677	2.014	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2487	0.159	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	5598	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	9217	0.289	ng/ul	99
7) 2-Methylnaphthalene	12.267	142	1231	0.059	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	530	0.026	ng/ul	99
10) Acenaphthylene	14.164	152	20327	0.768	ng/ul	100
11) Acenaphthene	14.506	153	3859	0.190	ng/ul	99
12) Fluorene	15.496	166	6449	0.288	ng/ul	98
15) Phenanthrene	17.234	178	128310	3.512	ng/ul	100
16) Anthracene	17.326	178	48768	1.514	ng/ul	99
19) Fluoranthene	19.257	202	413523	10.940	ng/ul	100
20) Pyrene	19.619	202	311838	8.226	ng/ul	100
21) Benzo(a)anthracene	21.374	228	213771	7.055	ng/ul	96
22) Chrysene	21.427	228	174368	4.807	ng/ul	97
24) Benzo(b)fluoranthene	23.031	252	216561m	6.068	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	82361m	2.045	ng/ul	
26) Benzo(a)pyrene	23.643	252	129758	4.329	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.169	276	83432	2.305	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.175	278	24006	0.846	ng/ul	97
29) Benzo(g,h,i)perylene	26.907	276	7864	0.234	ng/ul#	90

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

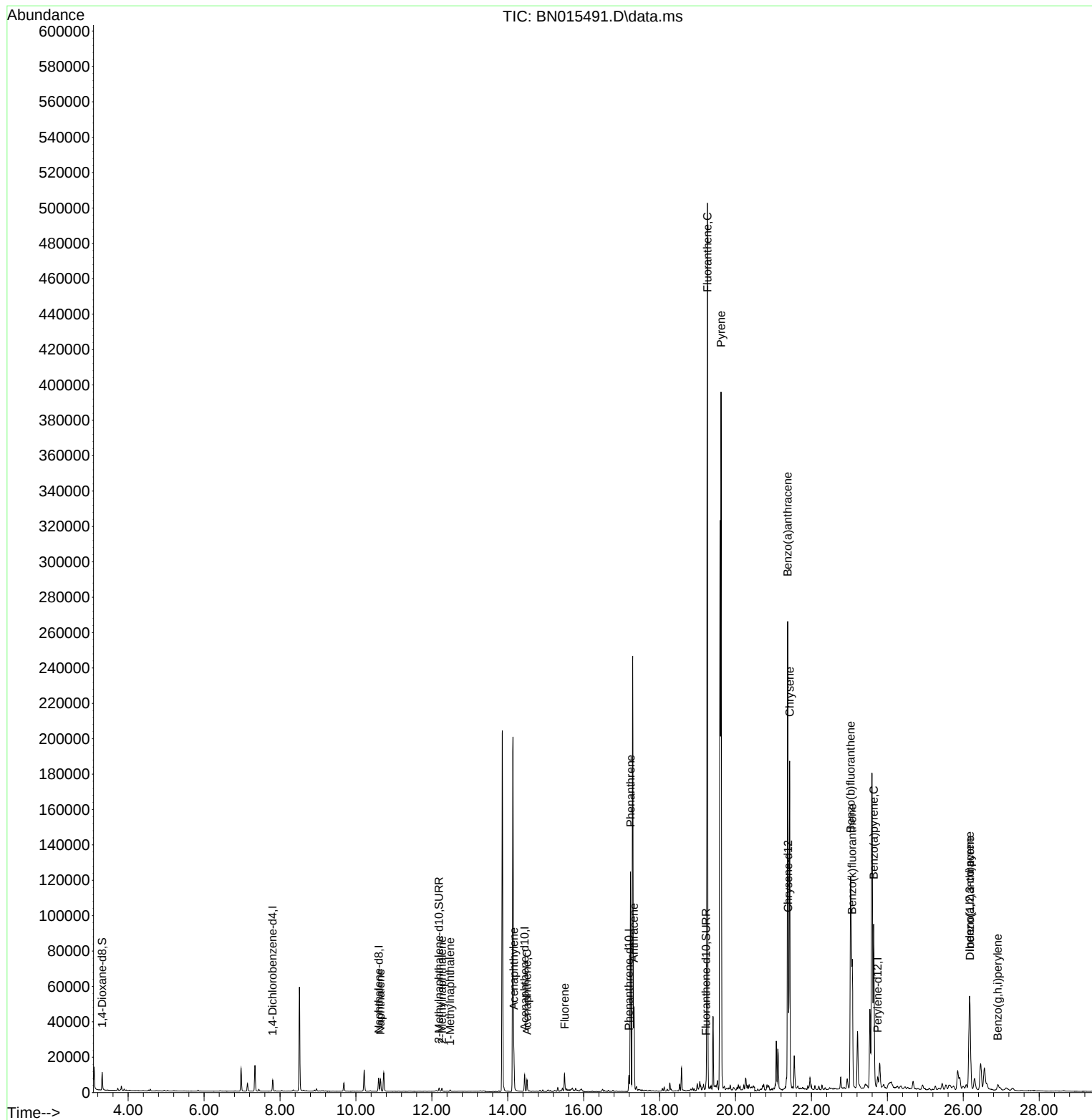
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Data File : BN015491.D
Acq On : 12 Jul 2021 15:55
Operator : CG/JU
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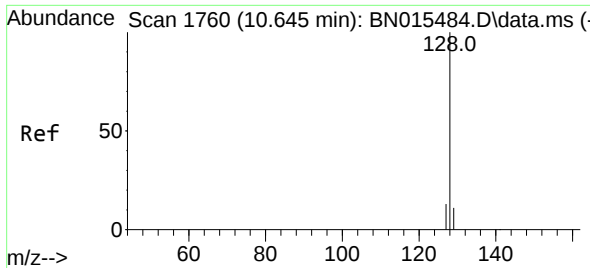
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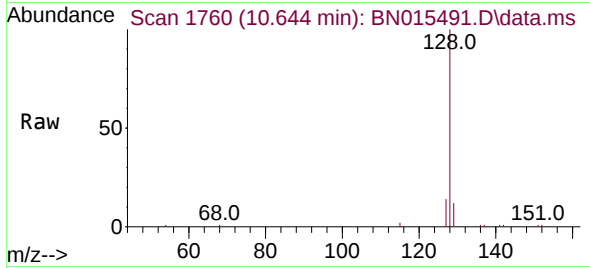
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 15:47:53 2021
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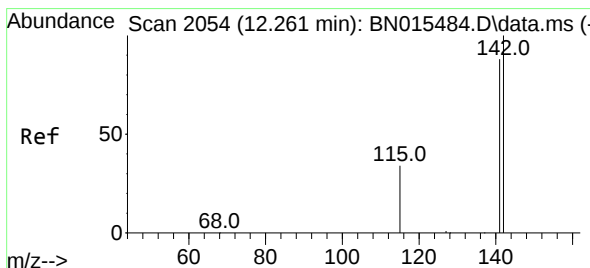
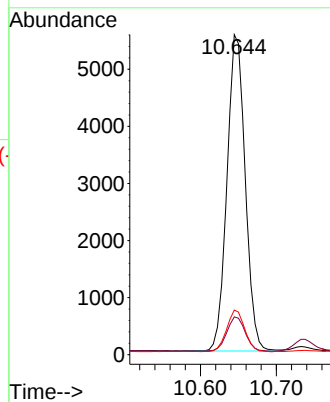
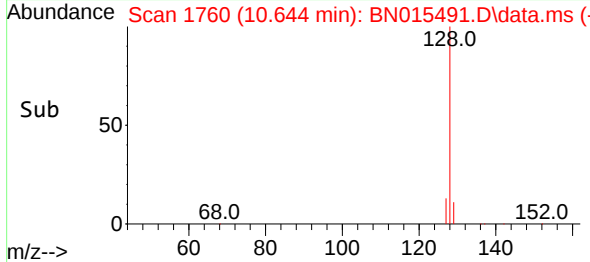




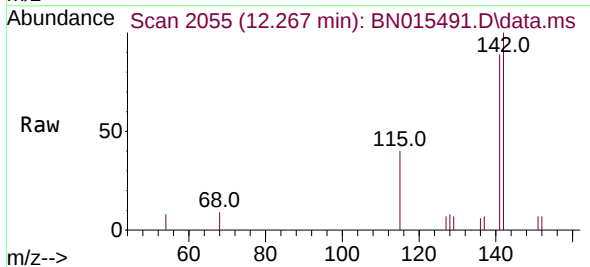
#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



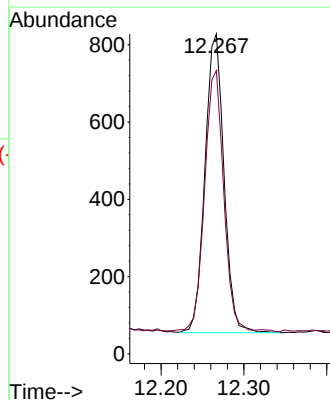
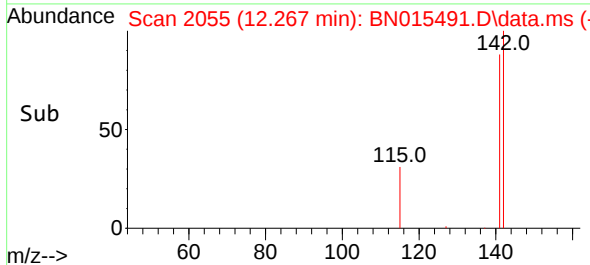
Tgt Ion:128 Resp: 9217
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.9 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.267 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



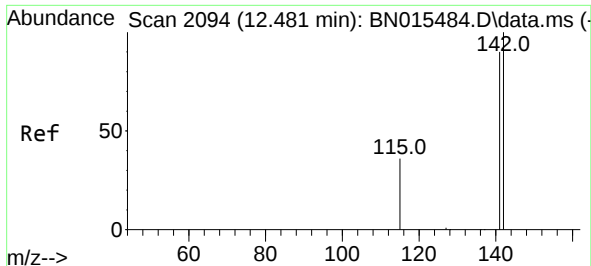
Tgt Ion:142 Resp: 1231
Ion Ratio Lower Upper
142 100
141 86.8 70.3 105.5



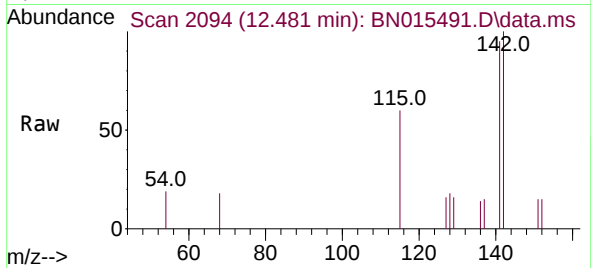
Instrument :
BNA_N
ClientSampleId :
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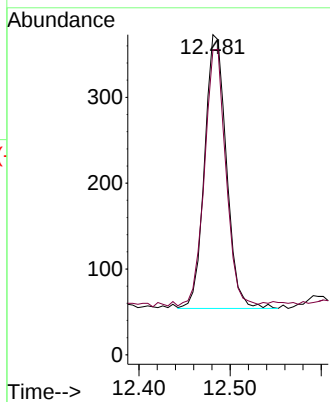
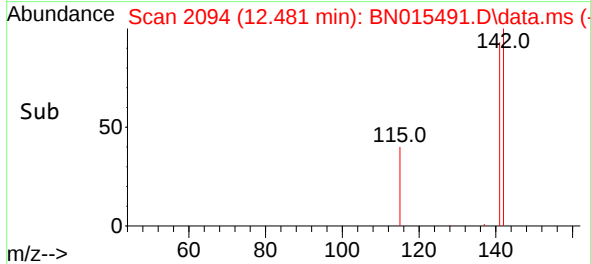
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#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



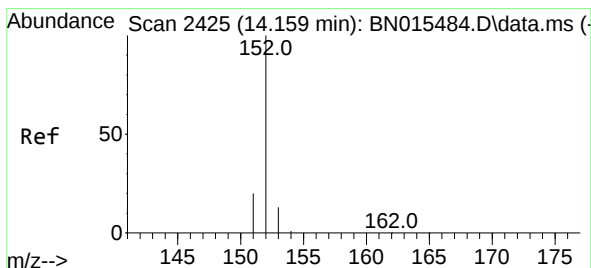
Tgt Ion:142 Resp: 530
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4



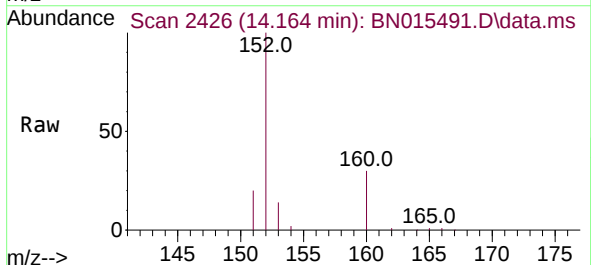
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ClientSampleId :
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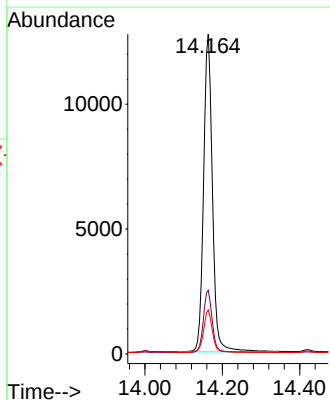
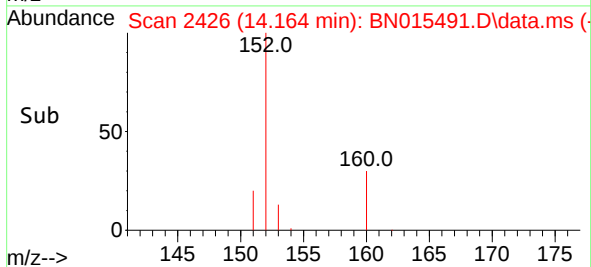
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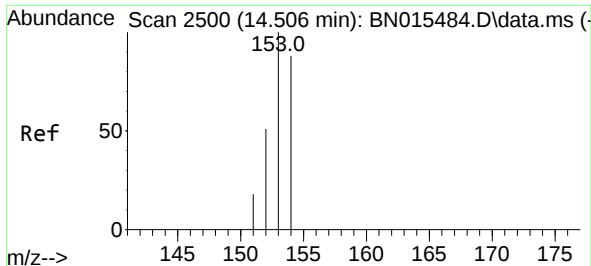


#10
Acenaphthylene
Concen: 0.768 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

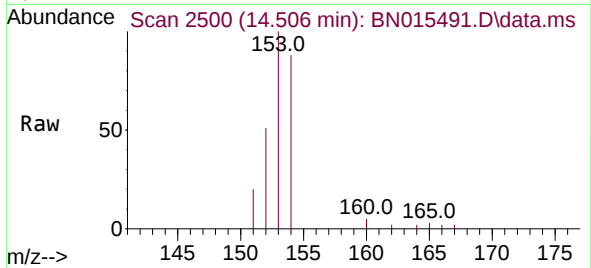


Tgt Ion:152 Resp: 20327
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.7 10.9 16.3

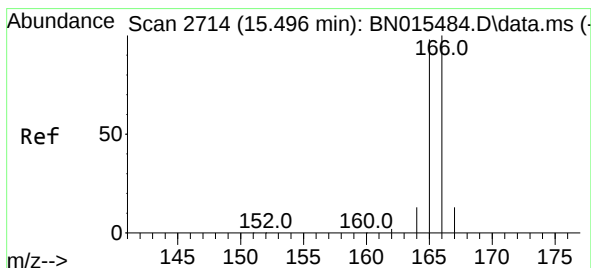
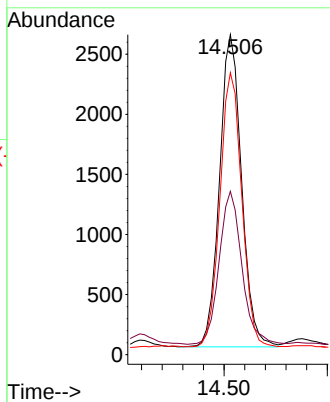
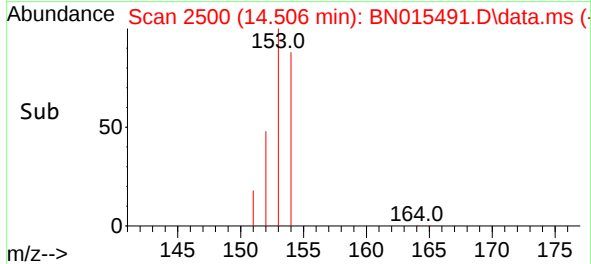




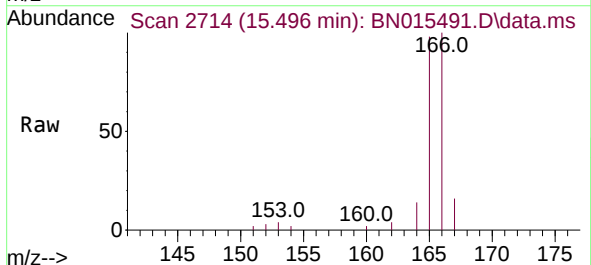
#11
Acenaphthene
Concen: 0.190 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



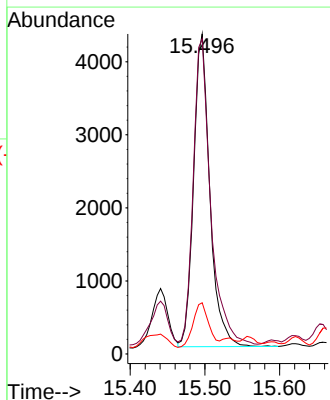
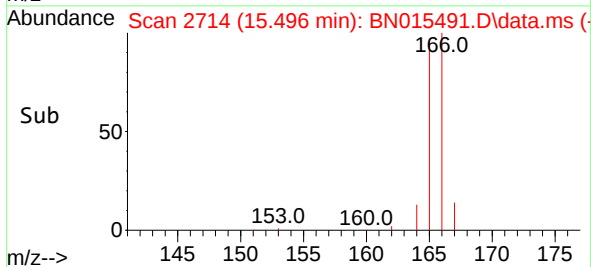
Tgt Ion:153 Resp: 3859
Ion Ratio Lower Upper
153 100
152 51.1 39.8 59.6
154 88.1 69.8 104.8



#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



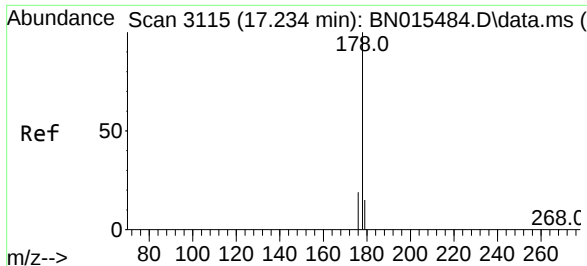
Tgt Ion:166 Resp: 6449
Ion Ratio Lower Upper
166 100
165 98.4 77.8 116.8
167 16.0 11.2 16.8



Instrument :
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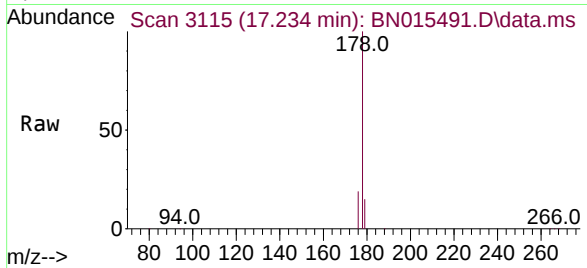
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#15
Phenanthrene
Concen: 3.512 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

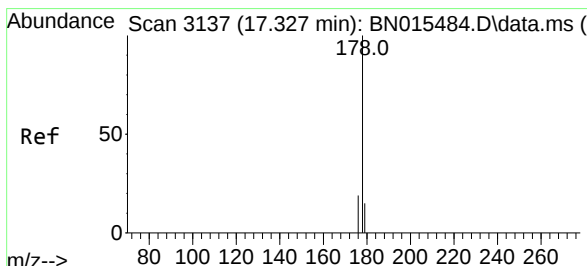
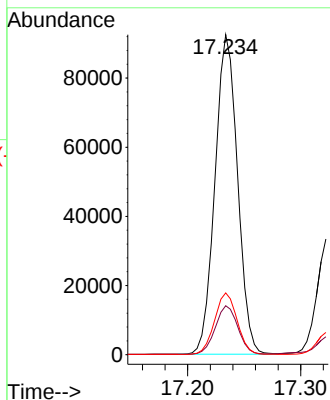
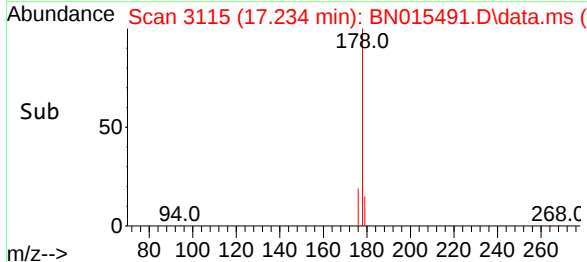
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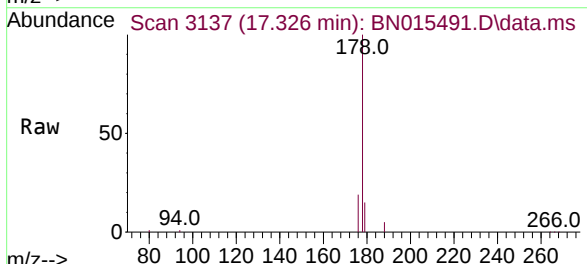
Tgt Ion:178 Resp: 128310
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.3 15.5 23.3

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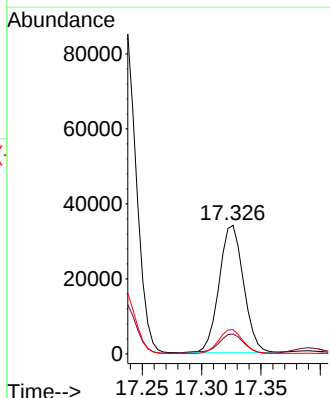
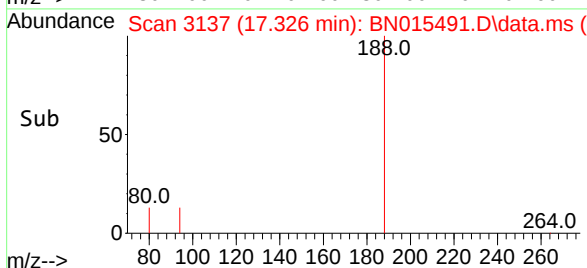
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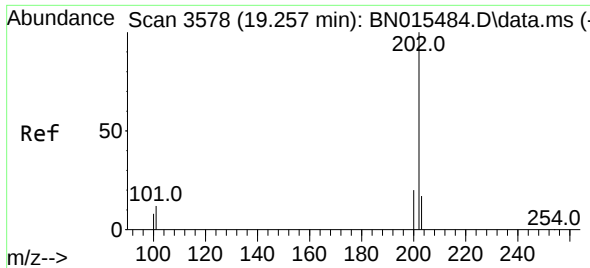


#16
Anthracene
Concen: 1.514 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



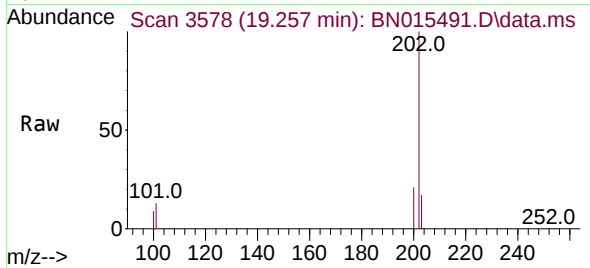
Tgt Ion:178 Resp: 48768
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.8 15.2 22.8





#19
Fluoranthene
Concen: 10.940 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.001 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

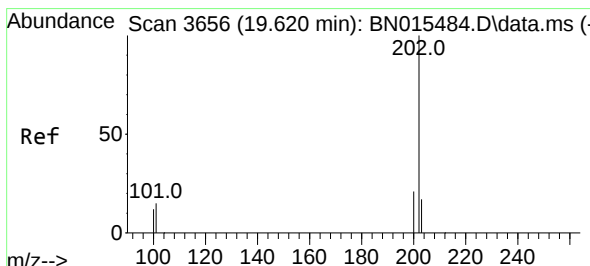
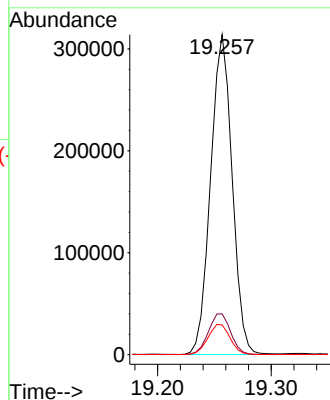
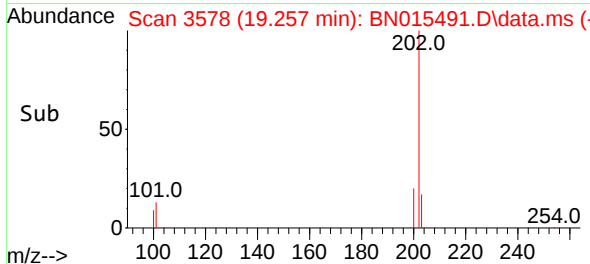
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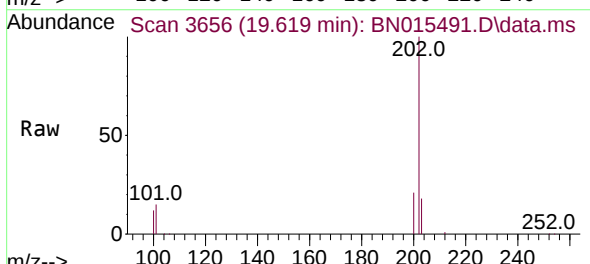
Tgt Ion:202 Resp: 413523
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.4 11.0

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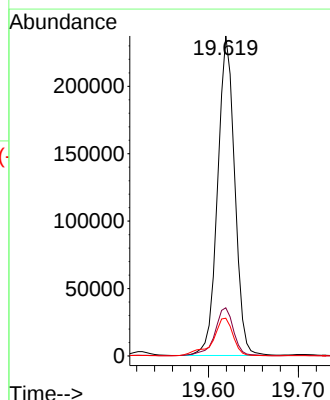
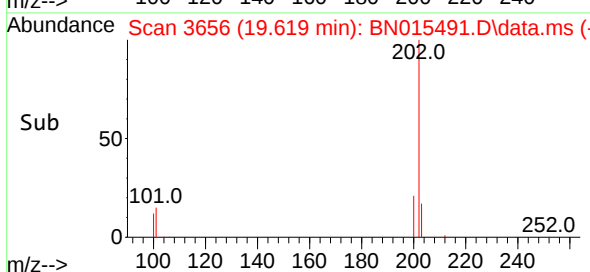
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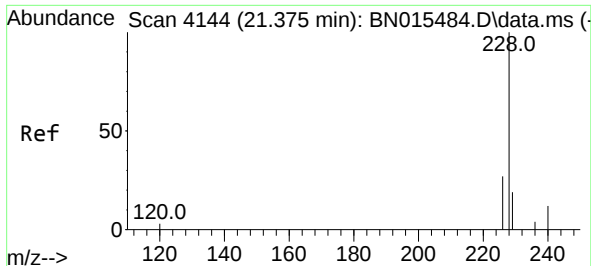


#20
Pyrene
Concen: 8.226 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.001 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55



Tgt Ion:202 Resp: 311838
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 11.8 9.6 14.4





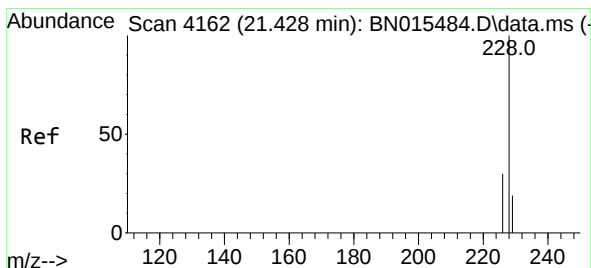
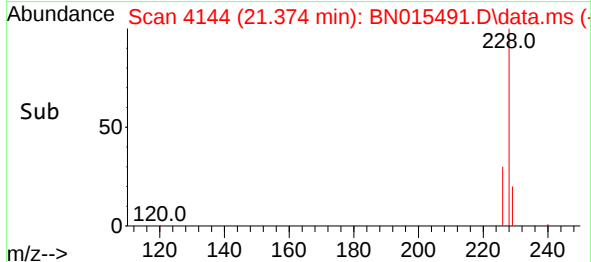
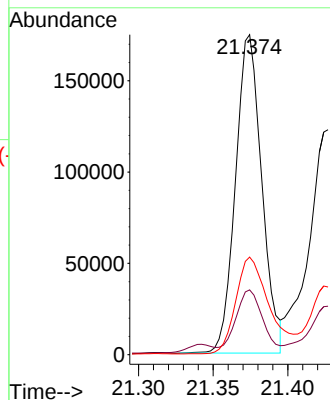
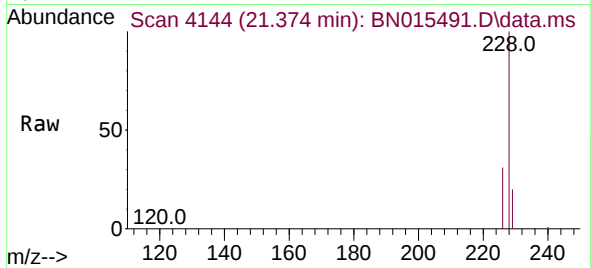
#21
Benzo(a)anthracene
Concen: 7.055 ng/ul
RT: 21.374 min Scan# 4144
Delta R.T. -0.001 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion:228 Resp: 213771
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 30.5 21.8 32.8

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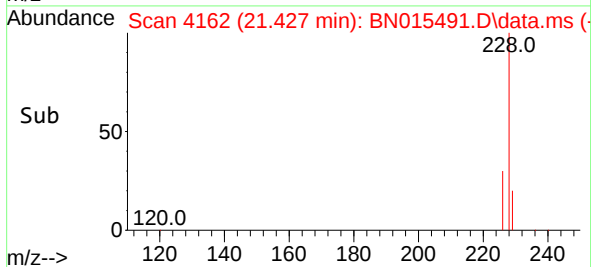
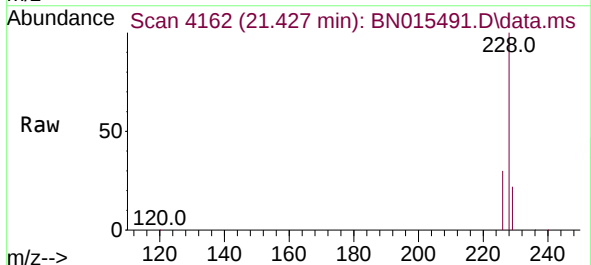
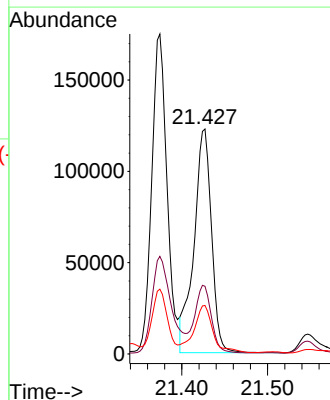
Manual Integrations
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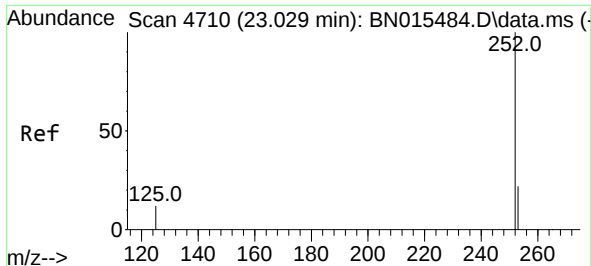
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#22
Chrysene
Concen: 4.807 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.001 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion:228 Resp: 174368
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 21.6 15.7 23.5





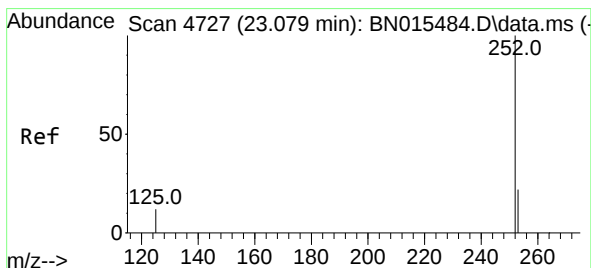
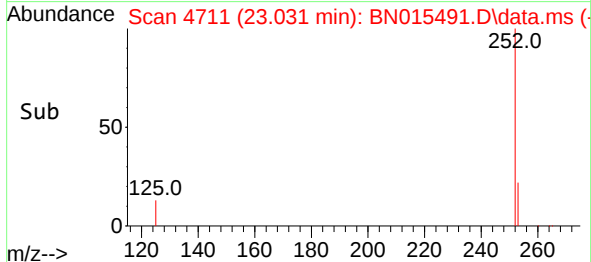
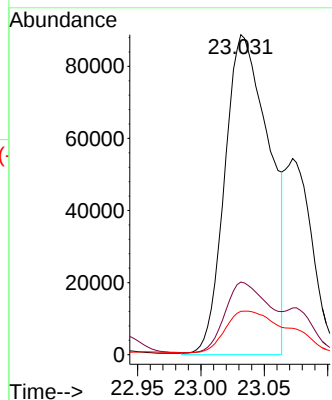
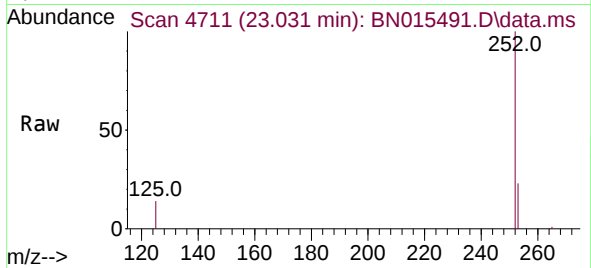
#24
Benzo(b)fluoranthene
Concen: 6.068 ng/ul m
RT: 23.031 min Scan# 4711
Delta R.T. 0.002 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion:252 Resp: 216561
Ion Ratio Lower Upper
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253 22.7 0.0 45.6
125 13.6 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDS7

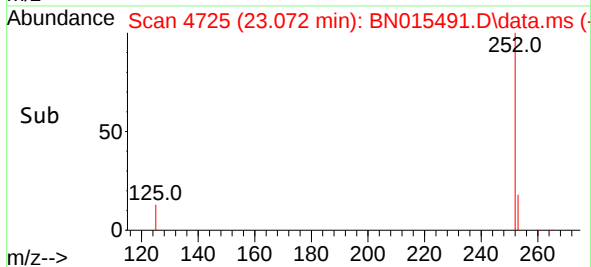
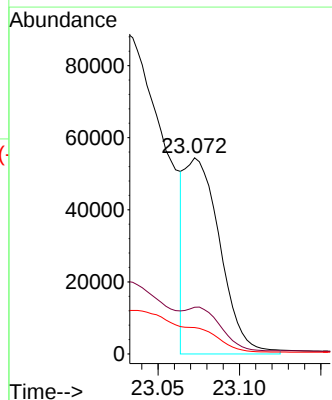
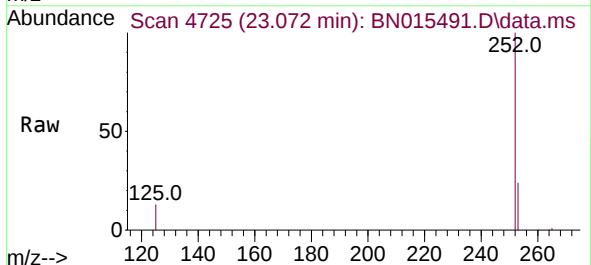
Manual Integrations
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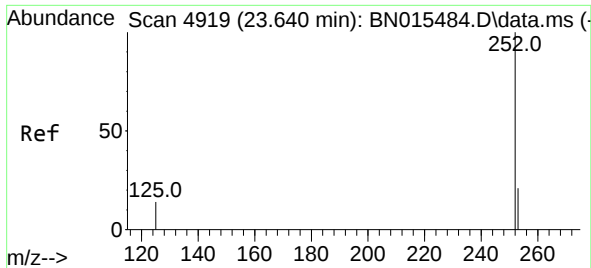
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#25
Benzo(k)fluoranthene
Concen: 2.045 ng/ul m
RT: 23.072 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion:252 Resp: 82361
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 13.4 11.5 17.3





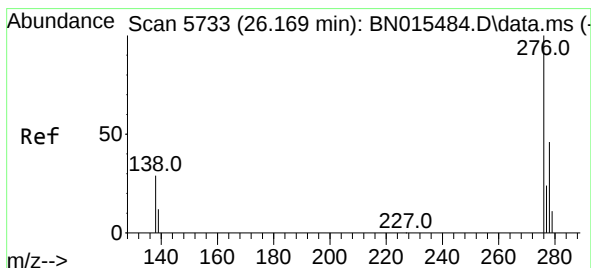
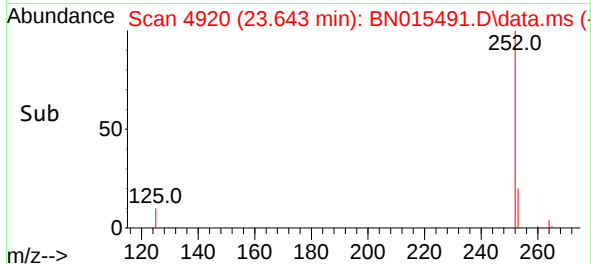
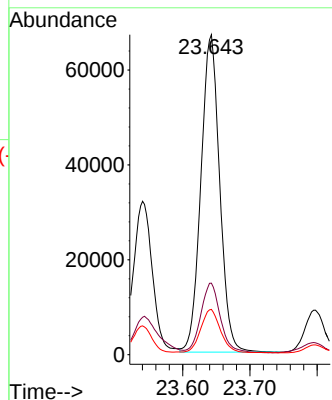
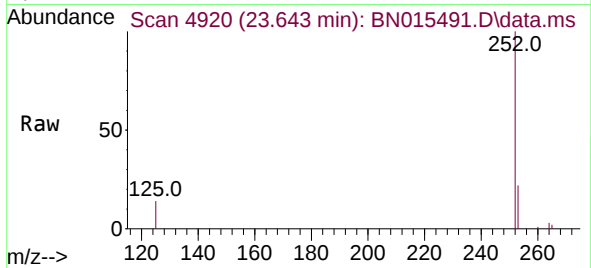
#26
Benzo(a)pyrene
Concen: 4.329 ng/ul
RT: 23.643 min Scan# 4920
Delta R.T. 0.002 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	14.2	13.5	20.3

Instrument :
BNA_N
ClientSampled :
BGDS7

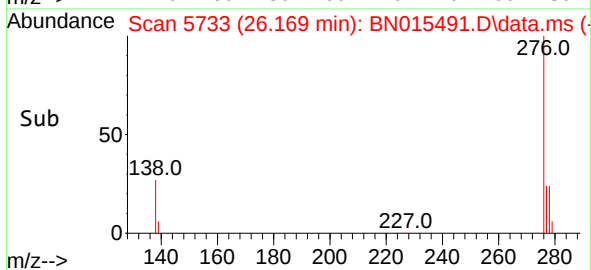
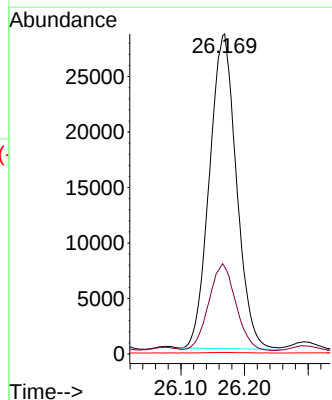
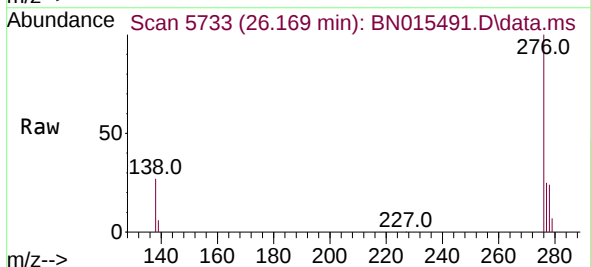
Manual Integrations
APPROVED

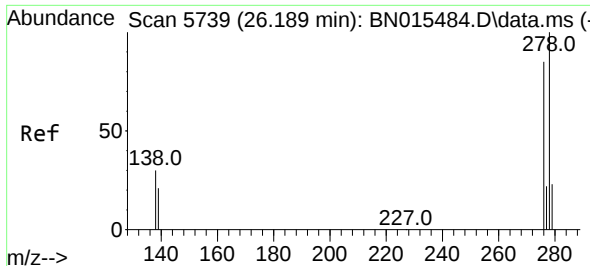
mohammad
7/13/2021 1:43:57 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.305 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.001 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	26.3	39.5
227	0.2	0.1	0.1#





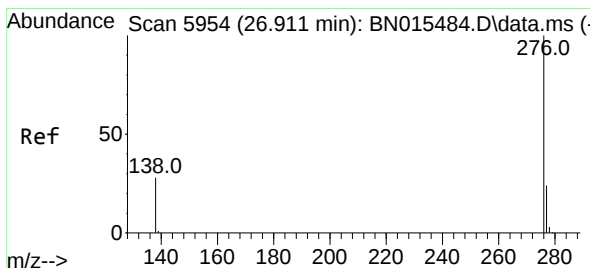
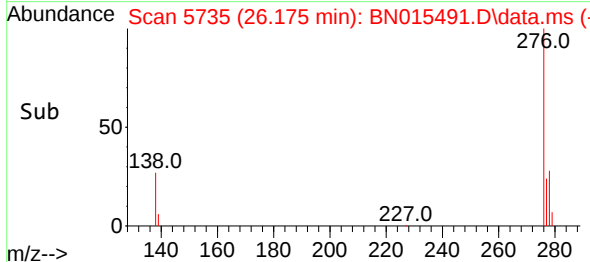
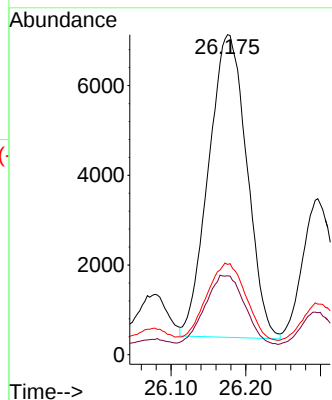
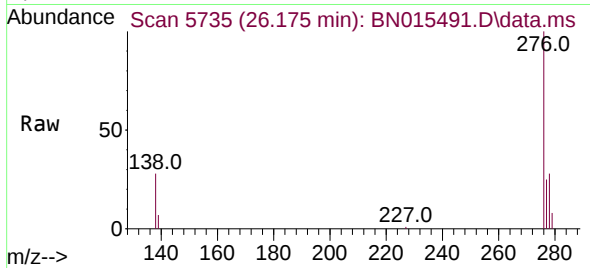
#28
Dibenzo(a,h)anthracene
Concen: 0.846 ng/ul
RT: 26.175 min Scan# 5735
Delta R.T. -0.014 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion: 278 Resp: 24006
Ion Ratio Lower Upper
278 100
139 24.6 18.9 28.3
279 28.2 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDS7

Manual Integrations
APPROVED

mohammad
7/13/2021 1:43:57 PM



#29
Benzo(g,h,i)perylene
Concen: 0.234 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.004 min
Lab File: BN015491.D
Acq: 12 Jul 2021 15:55

Tgt Ion: 276 Resp: 7864
Ion Ratio Lower Upper
276 100
138 33.6 23.0 34.4
277 29.9 19.3 28.9#

