

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015531.D
 Acq On : 13 Jul 2021 16:39
 Operator : CG/JU
 Sample : M2869-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 BGDx1

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Quant Time: Jul 13 17:12:26 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	3362	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	12082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	7265	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13187	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	9745	0.400	ng/ul #	0.00
23) Perylene-d12	23.745	264	12166	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	8451	2.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3365	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	7787	0.243	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.644	128	55806	1.448	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	7737	0.307	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	3548	0.145	ng/ul	99
10) Acenaphthylene	14.159	152	100082	2.665	ng/ul	99
11) Acenaphthene	14.506	153	247295	8.591	ng/ul	98
12) Fluorene	15.492	166	296519	9.323	ng/ul	99
15) Phenanthrene	17.238	178	2701127	56.436	ng/ul	99
16) Anthracene	17.327	178	1103231	26.144	ng/ul	99
19) Fluoranthene	19.262	202	2952681	65.571	ng/ul	99
20) Pyrene	19.624	202	2197754	48.663	ng/ul	99
21) Benzo(a)anthracene	21.375	228	1425345	39.484	ng/ul	94
22) Chrysene	21.427	228	1148583	26.578	ng/ul	99
24) Benzo(b)fluoranthene	23.038	252	1389444m	24.447	ng/ul	
25) Benzo(k)fluoranthene	23.079	252	598630m	9.332	ng/ul	
26) Benzo(a)pyrene	23.643	252	777785	16.293	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.173	276	518445	8.992	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.183	278	169080	3.740	ng/ul	96
29) Benzo(g,h,i)perylene	26.914	276	35972	0.673	ng/ul#	90

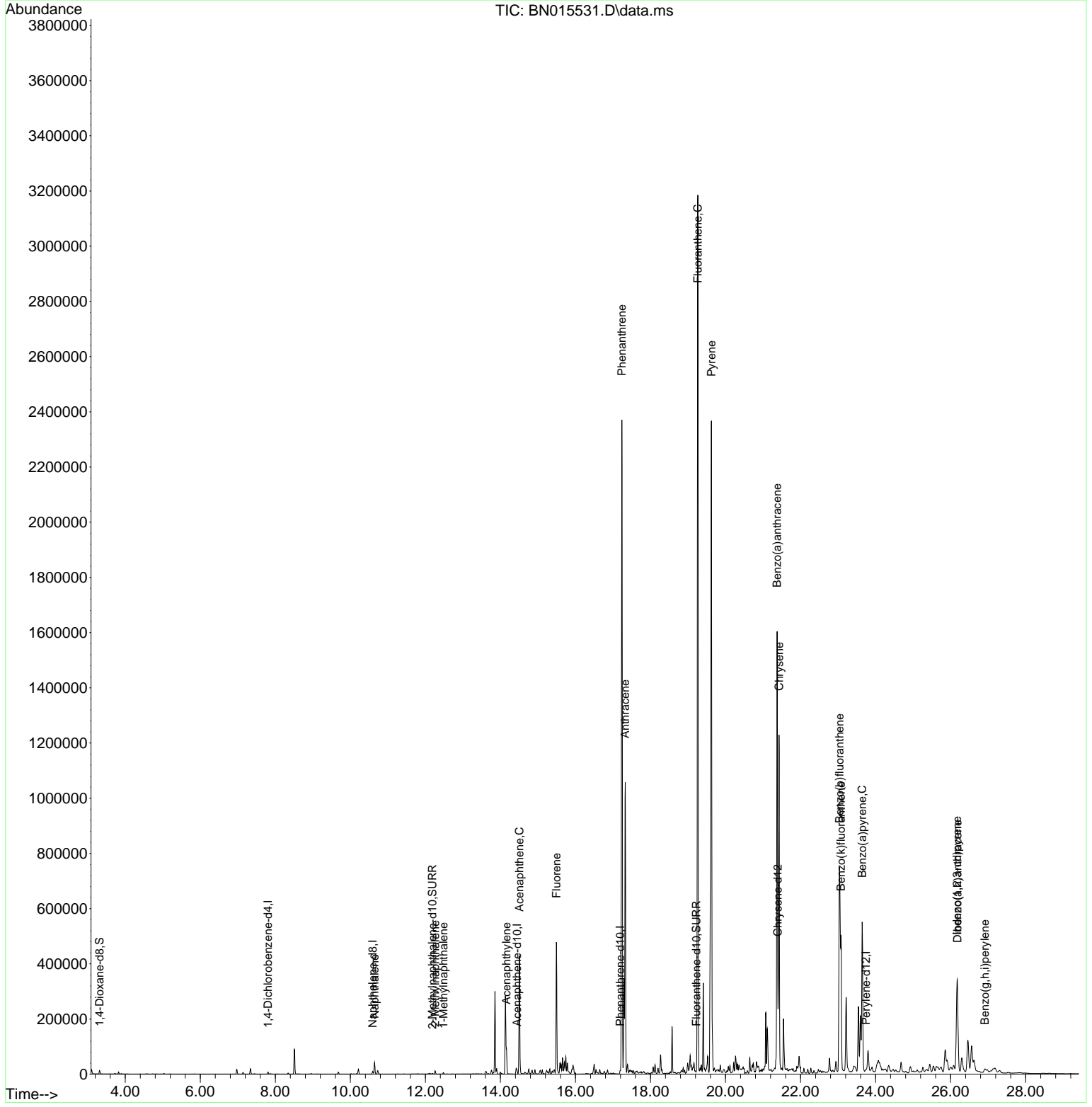
(#) = qualifier out of range (m) = manual integration (+) = signals summed

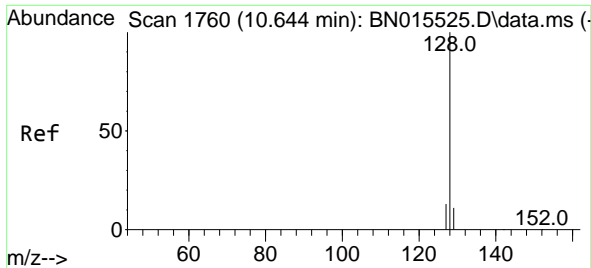
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
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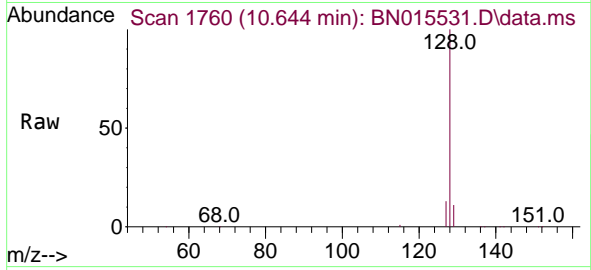
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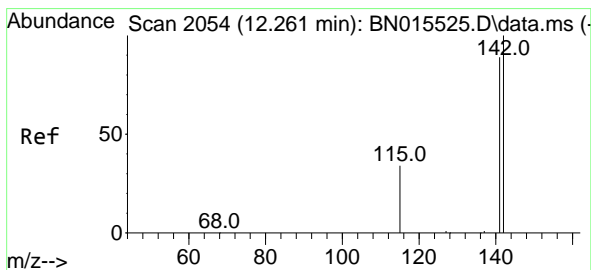
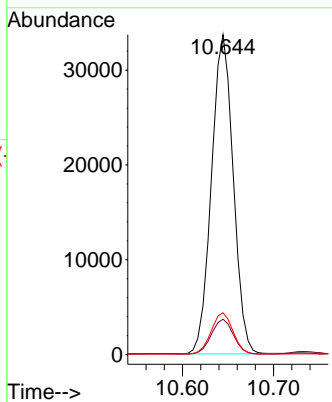
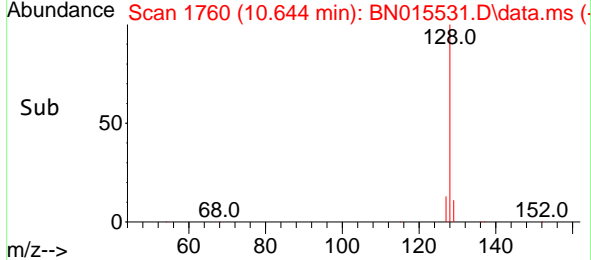
#5
 Naphthalene
 Concen: 1.448 ng/uI
 RT: 10.644 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Instrument :
 BNA_N
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 BGDx1

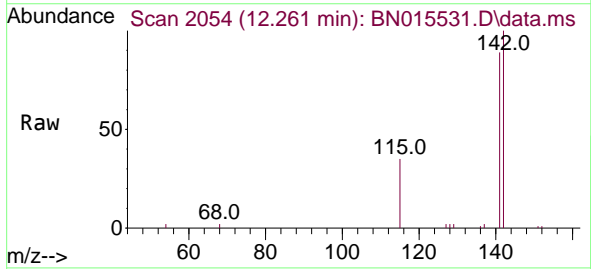


Tgt Ion:128 Resp: 55806
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.3 13.9
 127 13.1 10.8 16.2

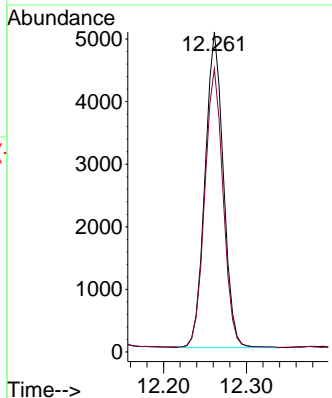
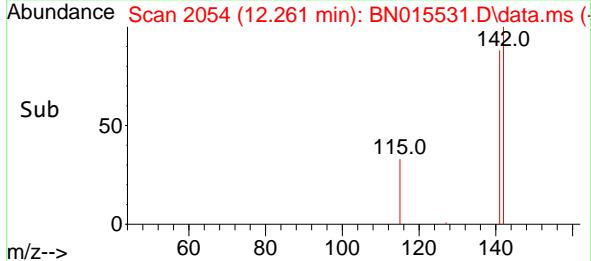
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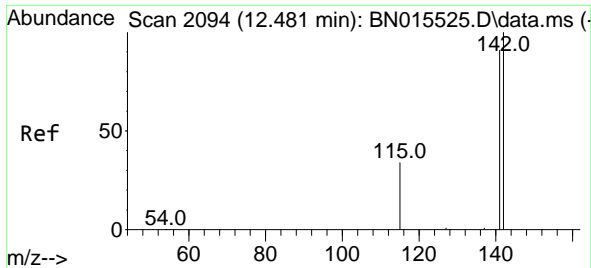


#7
 2-Methylnaphthalene
 Concen: 0.307 ng/uI
 RT: 12.261 min Scan# 2054
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



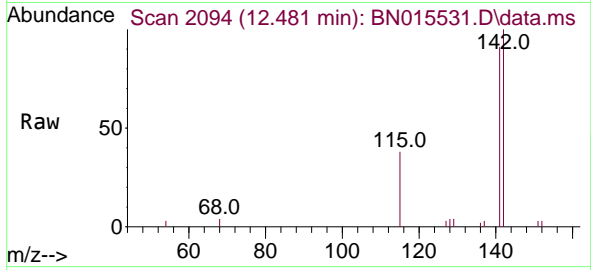
Tgt Ion:142 Resp: 7737
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.3 105.5





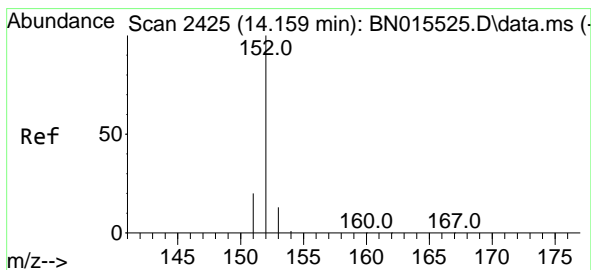
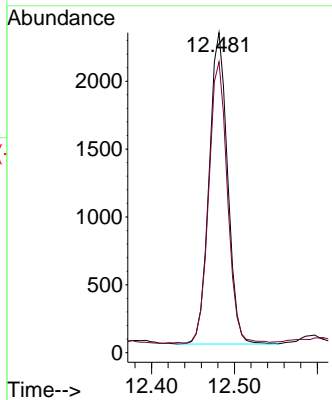
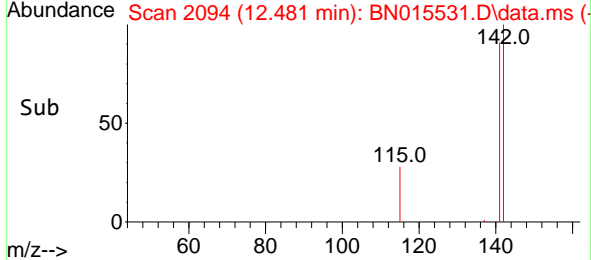
#8
 1-Methylnaphthalene
 Concen: 0.145 ng/ul
 RT: 12.481 min Scan# 2094
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Instrument :
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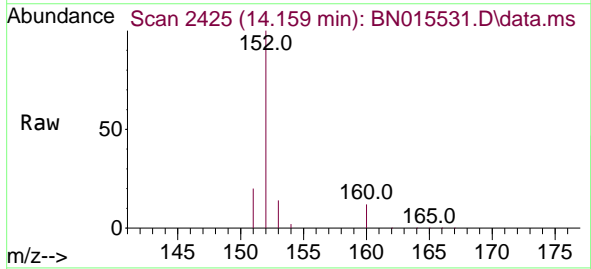


Tgt Ion:142 Resp: 3548
 Ion Ratio Lower Upper
 142 100
 141 91.7 74.2 111.4

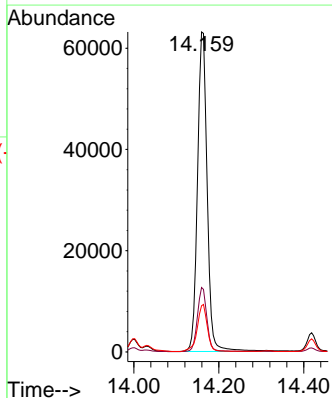
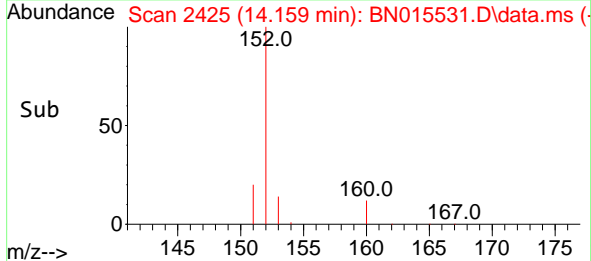
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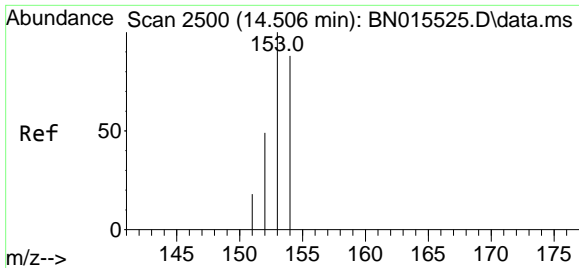


#10
 Acenaphthylene
 Concen: 2.665 ng/ul
 RT: 14.159 min Scan# 2425
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



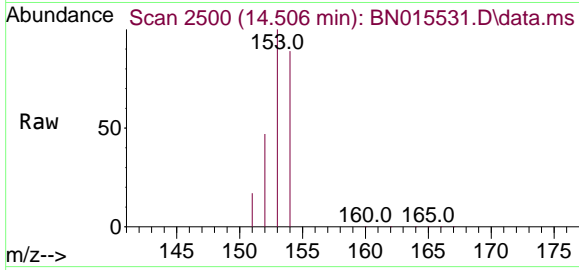
Tgt Ion:152 Resp: 100082
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.0 24.0
 153 14.4 10.9 16.3





#11
 Acenaphthene
 Concen: 8.591 ng/uI
 RT: 14.506 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

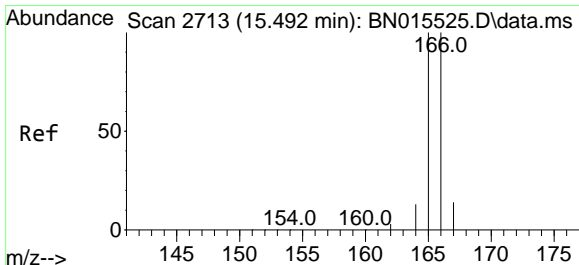
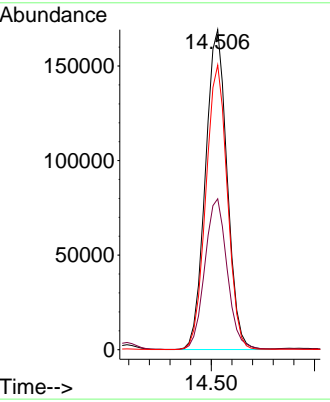
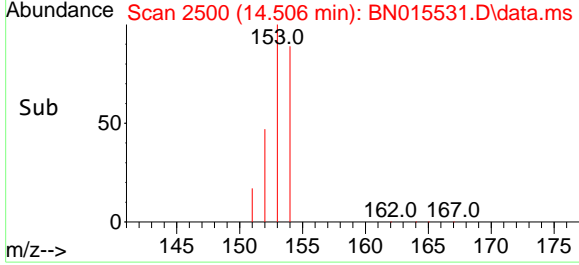
Instrument :
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ClientSampled :
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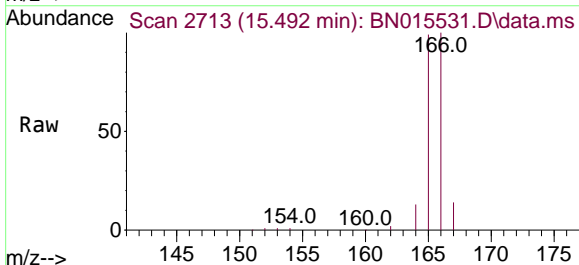
Tgt Ion:153 Resp: 247295

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.8	59.6
154	89.0	69.8	104.8

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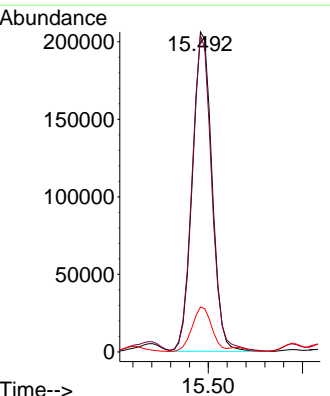
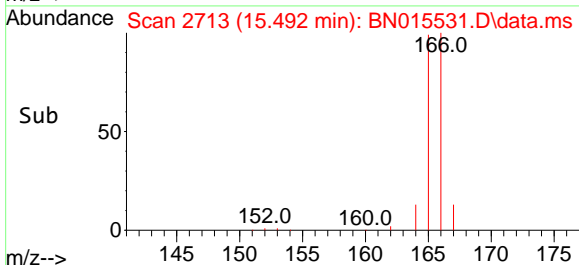


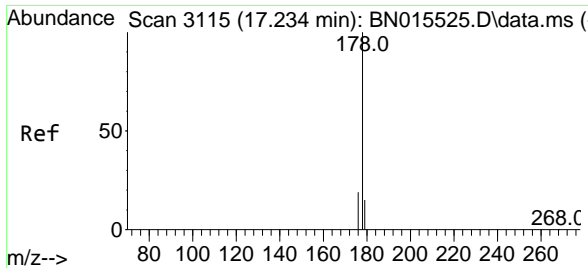
#12
 Fluorene
 Concen: 9.323 ng/uI
 RT: 15.492 min Scan# 2713
 Delta R.T. -0.005 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



Tgt Ion:166 Resp: 296519

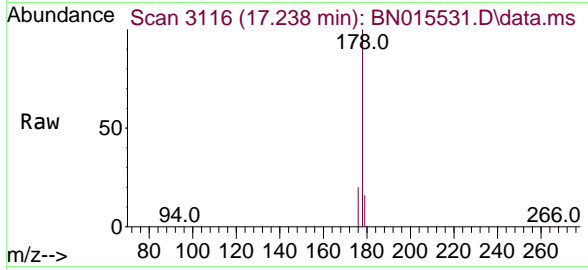
Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	14.0	11.2	16.8





#15
 Phenanthrene
 Concen: 56.436 ng/uI
 RT: 17.238 min Scan# 3116
 Delta R.T. 0.004 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

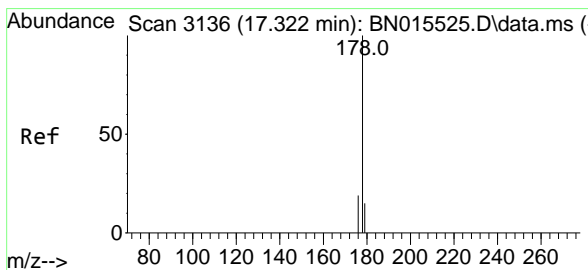
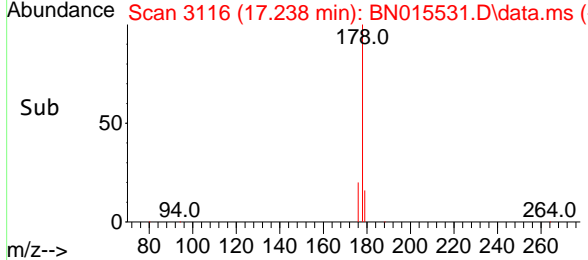
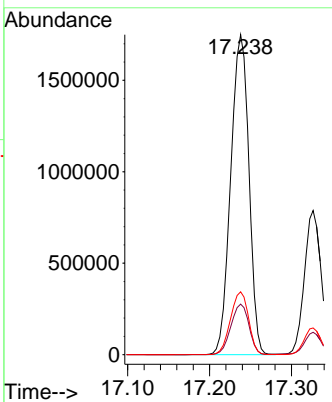
Instrument :
 BNA_N
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 BGDx1



Tgt Ion:178 Resp: 2701127

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.7	15.5	23.3

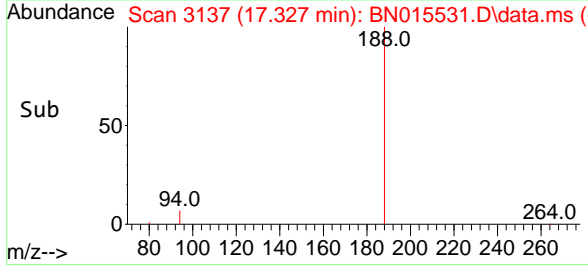
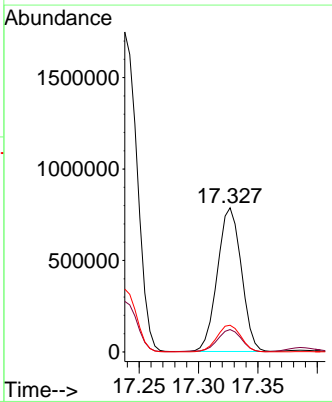
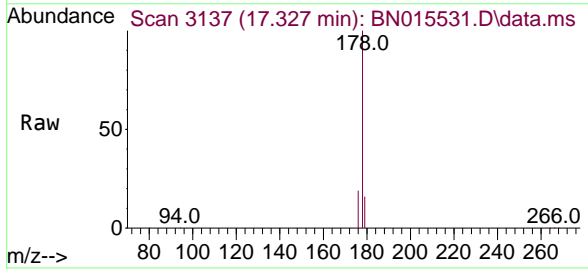
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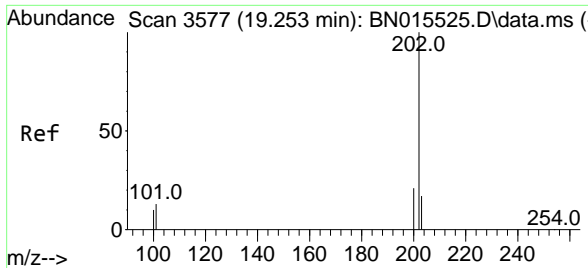


#16
 Anthracene
 Concen: 26.144 ng/uI
 RT: 17.327 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Tgt Ion:178 Resp: 1103231

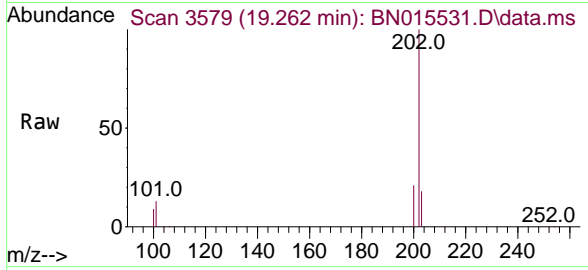
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.6	15.2	22.8





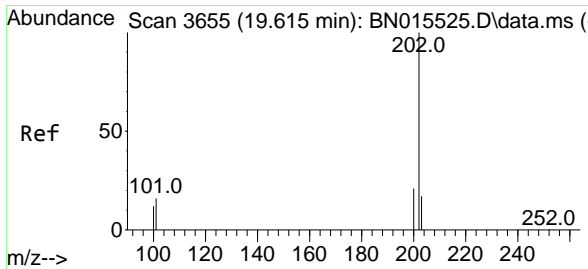
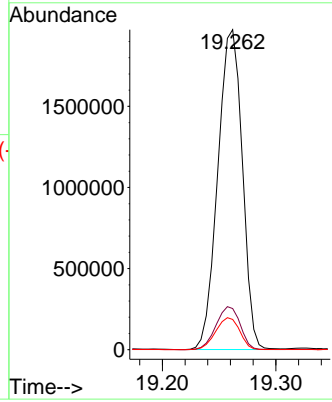
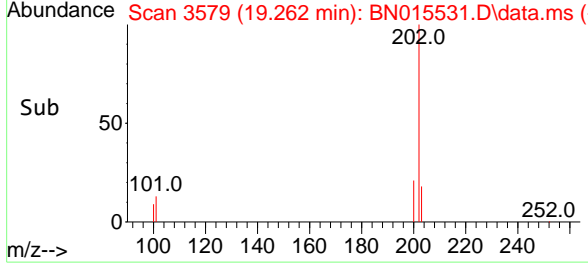
#19
 Fluoranthene
 Concen: 65.571 ng/uI
 RT: 19.262 min Scan# 3579
 Delta R.T. 0.005 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Instrument :
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 BGDx1

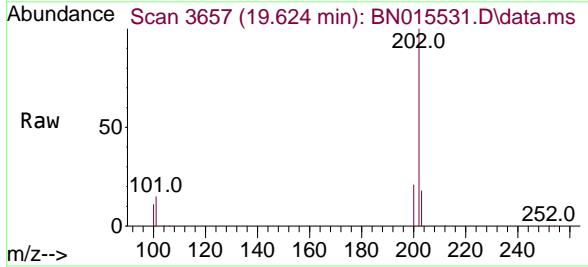


Tgt Ion:202 Resp: 2952681
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.1 15.1
 100 9.4 7.4 11.0

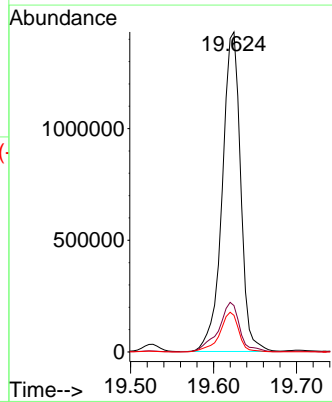
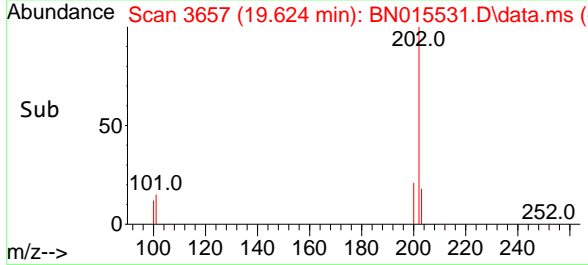
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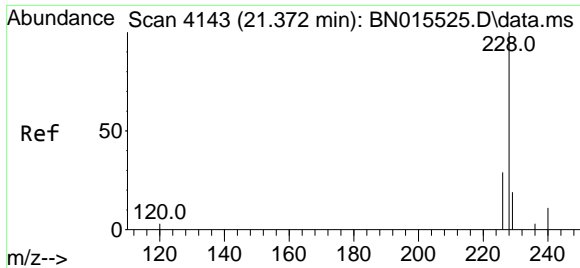


#20
 Pyrene
 Concen: 48.663 ng/uI
 RT: 19.624 min Scan# 3657
 Delta R.T. 0.005 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



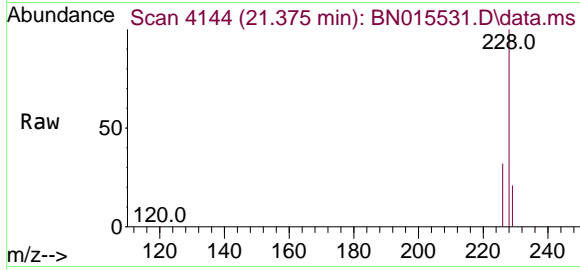
Tgt Ion:202 Resp: 2197754
 Ion Ratio Lower Upper
 202 100
 101 14.5 12.0 18.0
 100 11.4 9.6 14.4





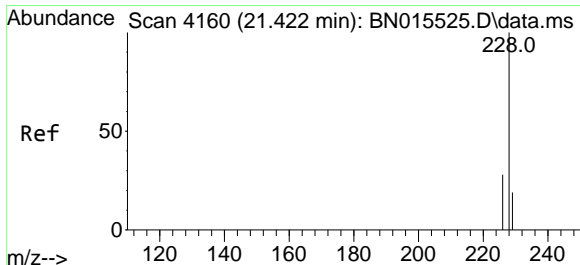
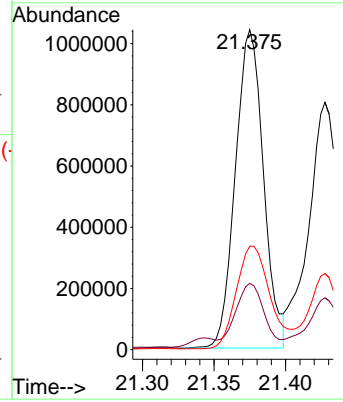
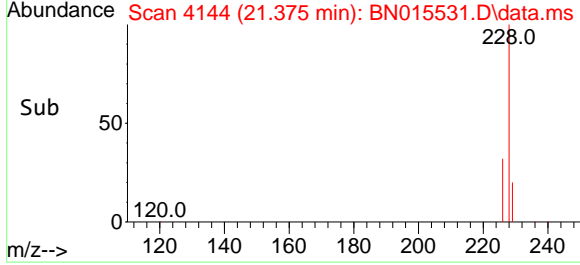
#21
 Benzo(a)anthracene
 Concen: 39.484 ng/u1
 RT: 21.375 min Scan# 4144
 Delta R.T. -0.000 min
 Lab File: BN015531.D
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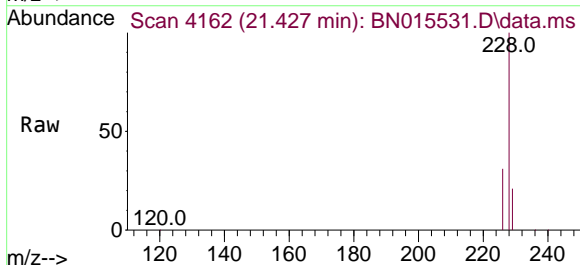


Tgt Ion:228 Resp: 1425345
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.8 23.8
 226 32.4 21.8 32.8

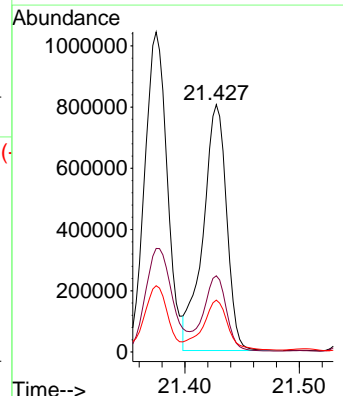
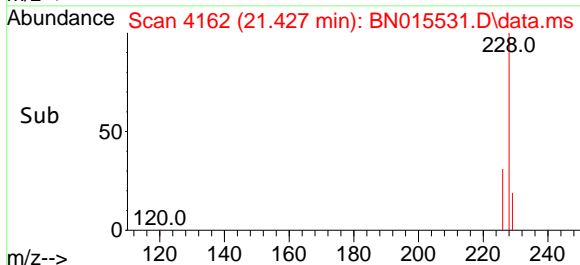
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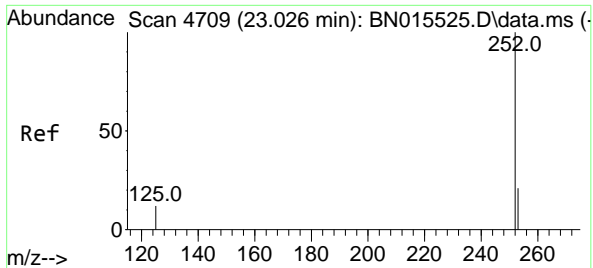


#22
 Chrysene
 Concen: 26.578 ng/u1
 RT: 21.427 min Scan# 4162
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



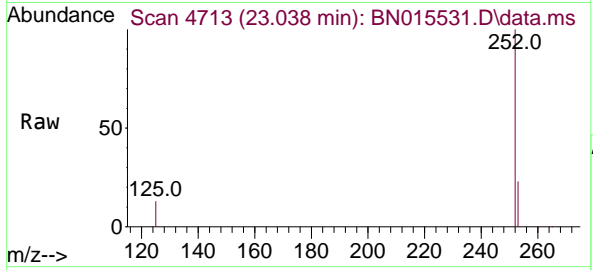
Tgt Ion:228 Resp: 1148583
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 37.0
 229 21.0 15.7 23.5





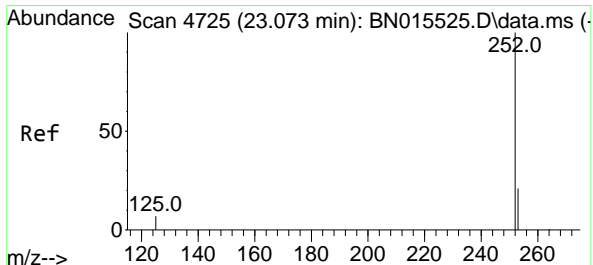
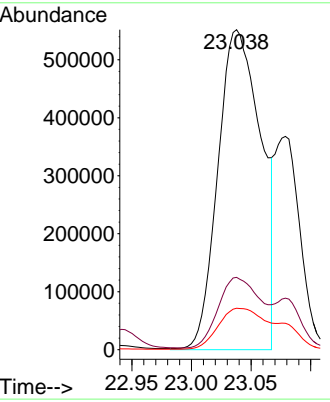
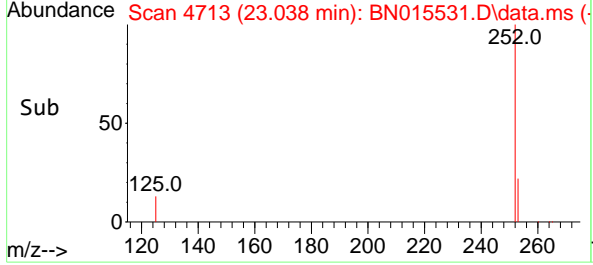
#24
 Benzo(b)fluoranthene
 Concen: 24.447 ng/ul m
 RT: 23.038 min Scan# 4713
 Delta R.T. 0.009 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

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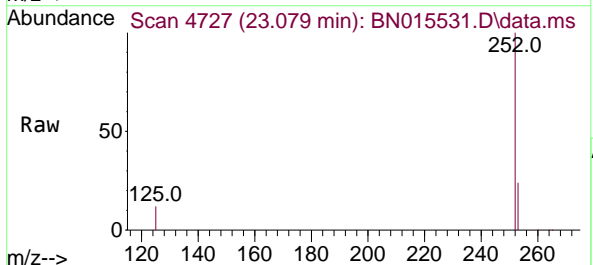


Tgt Ion:252 Resp: 1389444
 Ion Ratio Lower Upper
 252 100
 253 22.6 0.0 45.6
 125 12.9 0.0 28.4

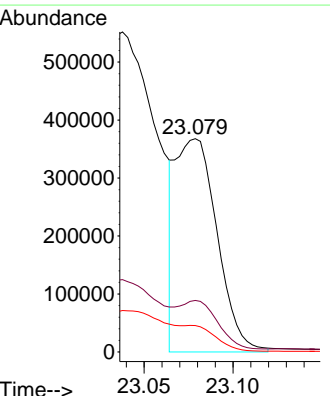
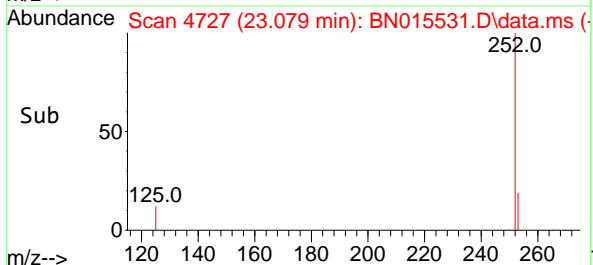
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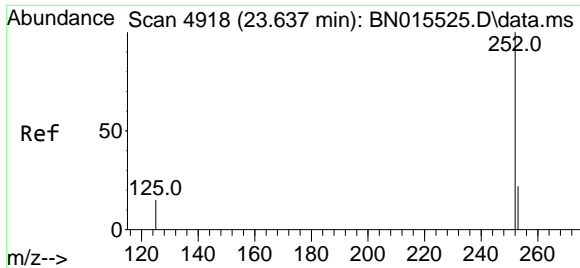


#25
 Benzo(k)fluoranthene
 Concen: 9.332 ng/ul m
 RT: 23.079 min Scan# 4727
 Delta R.T. -0.000 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



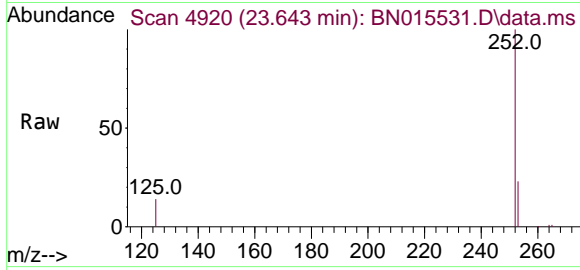
Tgt Ion:252 Resp: 598630
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.1 27.1
 125 12.4 11.5 17.3





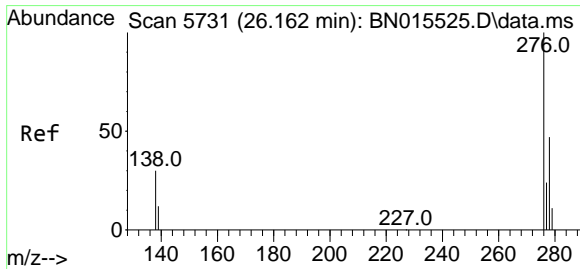
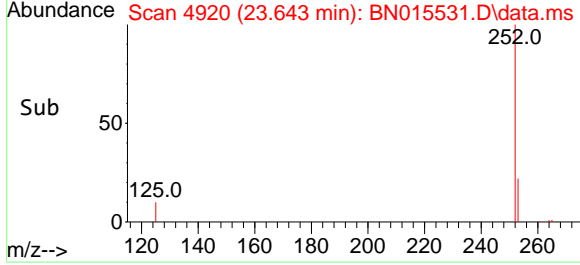
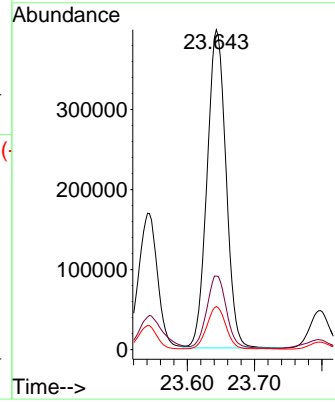
#26
 Benzo(a)pyrene
 Concen: 16.293 ng/u1
 RT: 23.643 min Scan# 4920
 Delta R.T. 0.003 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Instrument :
 BNA_N
ClientSampled :
 BGDx1

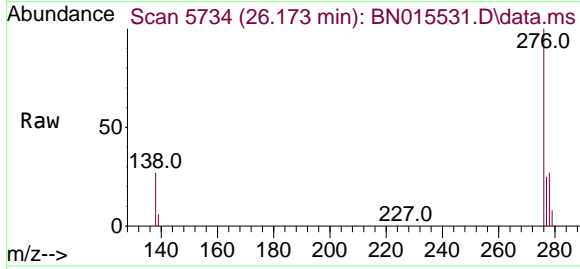


Tgt Ion:252 Resp: 777785
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.9 28.3
 125 13.5 13.5 20.3#

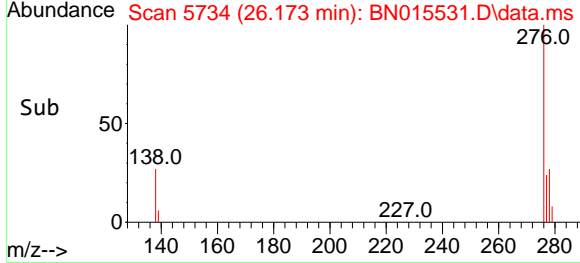
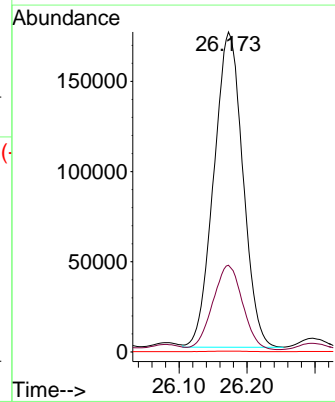
Manual Integrations
APPROVED
 mohammad
 7/14/2021 12:14:26 PM

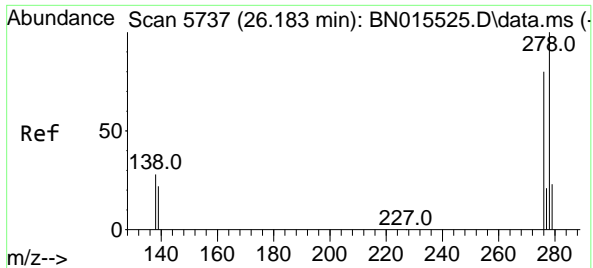


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 8.992 ng/u1
 RT: 26.173 min Scan# 5734
 Delta R.T. 0.003 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



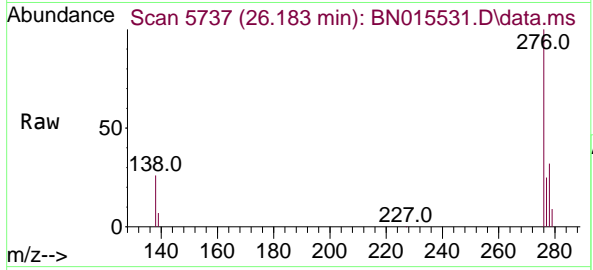
Tgt Ion:276 Resp: 518445
 Ion Ratio Lower Upper
 276 100
 138 27.5 26.3 39.5
 227 0.2 0.1 0.1#





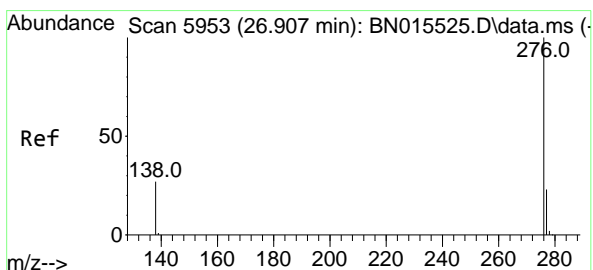
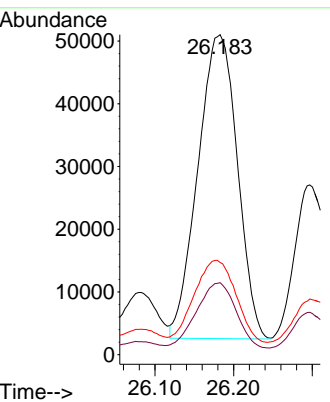
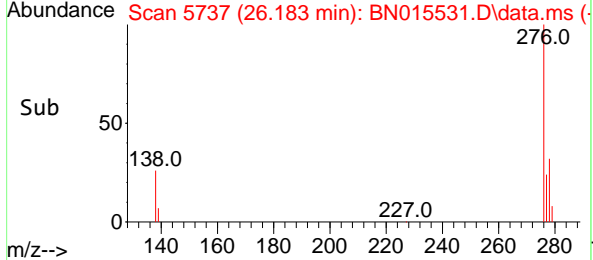
#28
 Dibenzo(a,h)anthracene
 Concen: 3.740 ng/ul
 RT: 26.183 min Scan# 5737
 Delta R.T. -0.007 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39

Instrument :
 BNA_N
ClientSampled :
 BGDx1

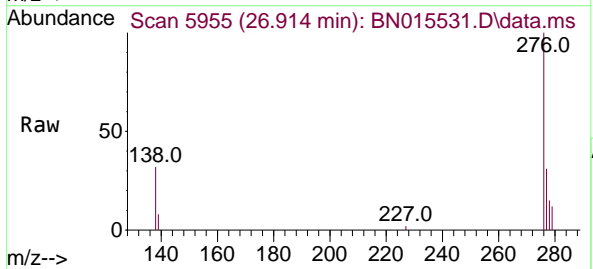


Tgt Ion:278 Resp: 169080
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.9 28.3
 279 28.8 20.8 31.2

Manual Integrations
APPROVED
 mohammad
 7/14/2021 12:14:26 PM



#29
 Benzo(g,h,i)perylene
 Concen: 0.673 ng/ul
 RT: 26.914 min Scan# 5955
 Delta R.T. 0.003 min
 Lab File: BN015531.D
 Acq: 13 Jul 2021 16:39



Tgt Ion:276 Resp: 35972
 Ion Ratio Lower Upper
 276 100
 138 32.2 23.0 34.4
 277 31.2 19.3 28.9#

