

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015537.D
 Acq On : 13 Jul 2021 20:17
 Operator : CG/JU
 Sample : M2869-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX1DL

Manual Integrations
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Quant Time: Jul 14 05:13:04 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 : Wed Jul 14 05:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3080	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10480	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5596	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10867	0.400	ng/ul	0.00
17) Chrysene-d12	21.387	240	8895	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	8981	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1464	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	531	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1221	0.042	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.644	128	9234	0.276	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	1228	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	562	0.027	ng/ul	100
10) Acenaphthylene	14.159	152	16965	0.586	ng/ul	98
11) Acenaphthene	14.506	153	40574	1.830	ng/ul	99
12) Fluorene	15.492	166	48618	1.985	ng/ul	99
15) Phenanthrene	17.234	178	558161	14.152	ng/ul	99
16) Anthracene	17.322	178	190904	5.490	ng/ul	99
19) Fluoranthene	19.257	202	628172	15.283	ng/ul	99
20) Pyrene	19.620	202	430026	10.432	ng/ul	98
21) Benzo(a)anthracene	21.372	228	276891	8.403	ng/ul	96
22) Chrysene	21.425	228	212615	5.390	ng/ul	99
24) Benzo(b)fluoranthene	23.035	252	239105m	5.699	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	104287m	2.202	ng/ul	
26) Benzo(a)pyrene	23.637	252	135582	3.847	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.166	276	87627	2.059	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.173	278	28208	0.845	ng/ul	96
29) Benzo(g,h,i)perylene	26.907	276	5735	0.145	ng/ul#	84

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

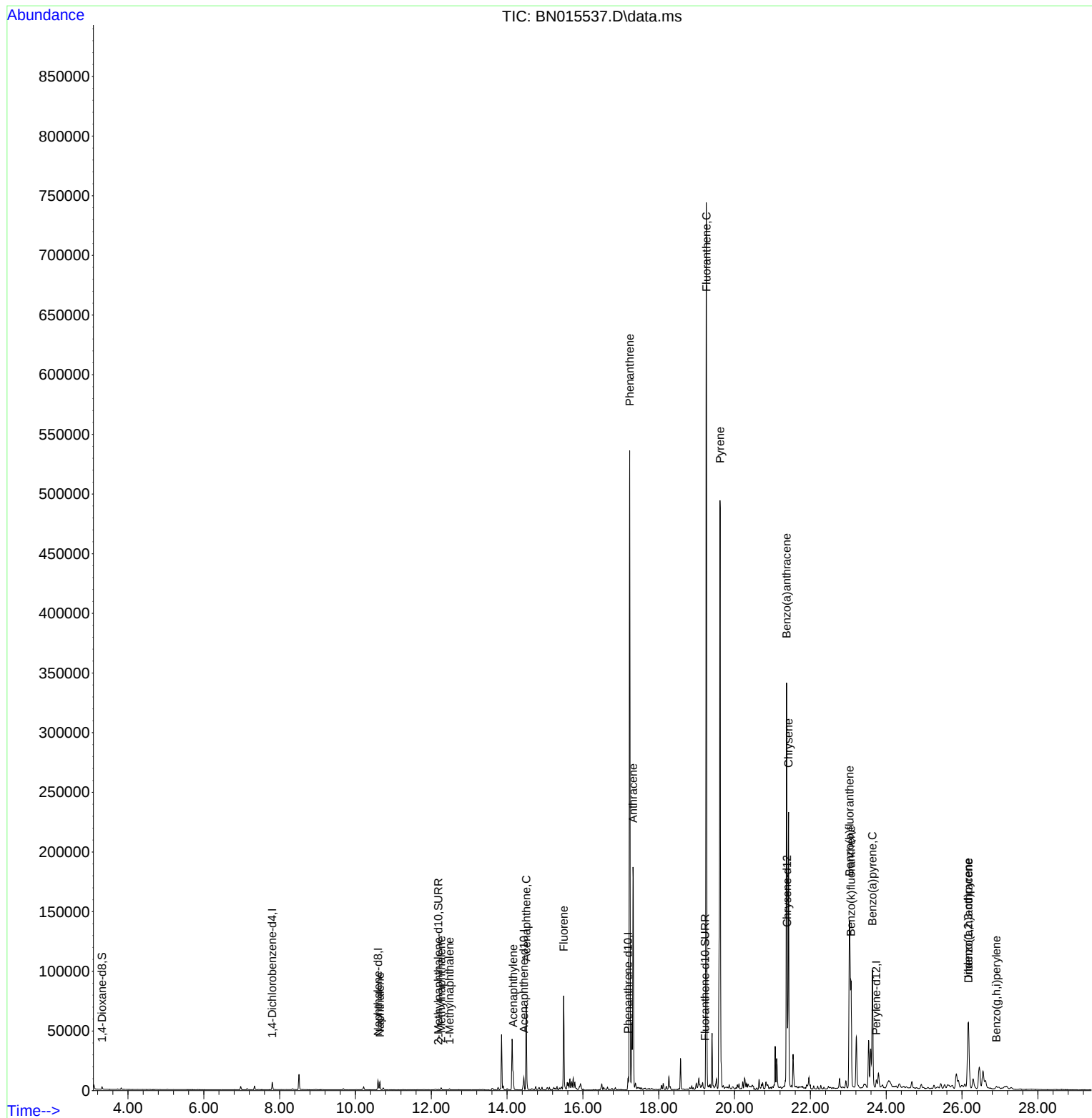
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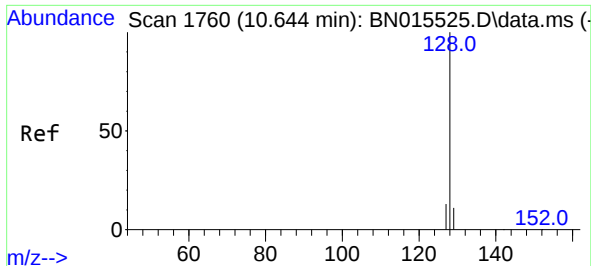
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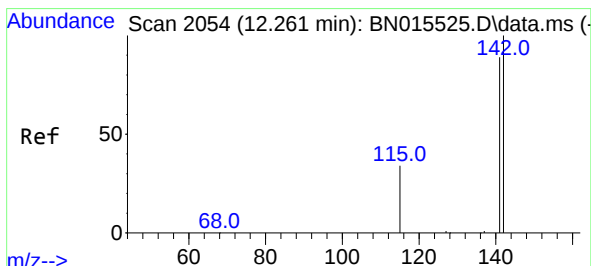
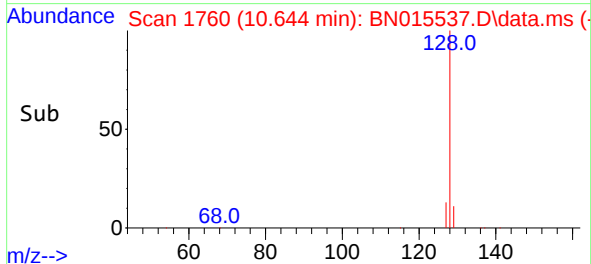
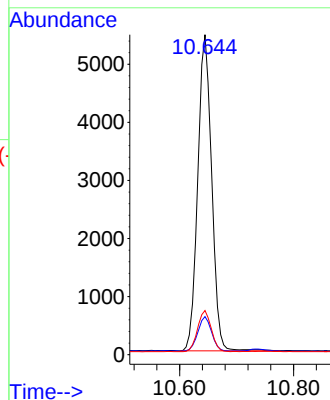
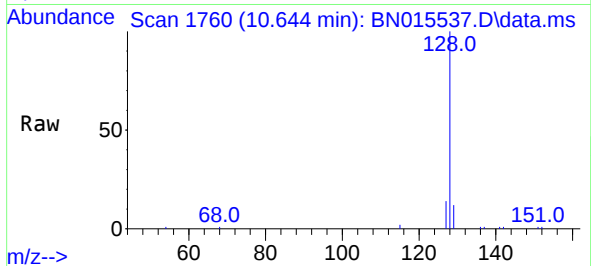
#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	128	Resp:	9234
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.3	13.9
127	13.8	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDX1DL

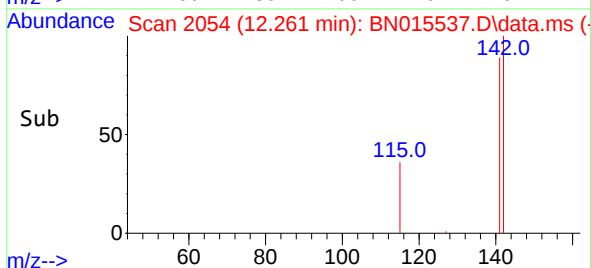
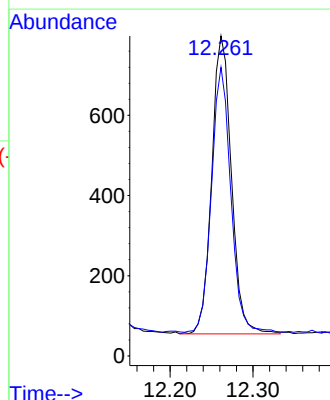
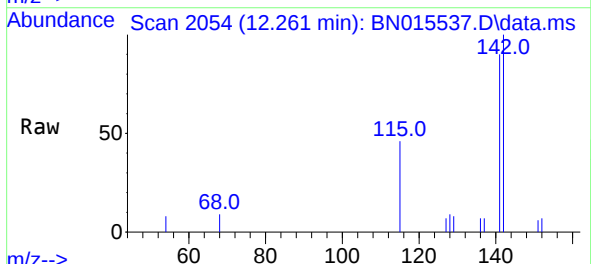
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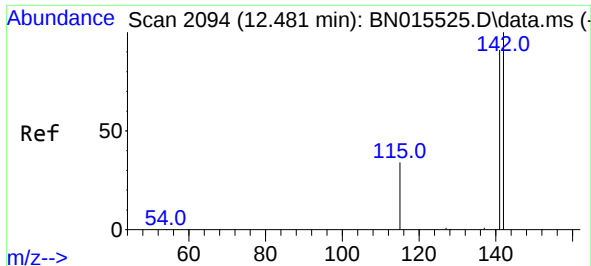
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#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	142	Resp:	1228
Ion Ratio	Lower	Upper	
142	100		
141	87.0	70.3	105.5





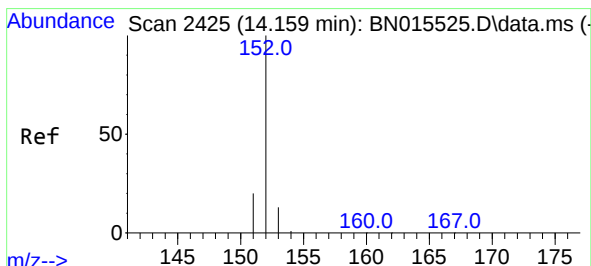
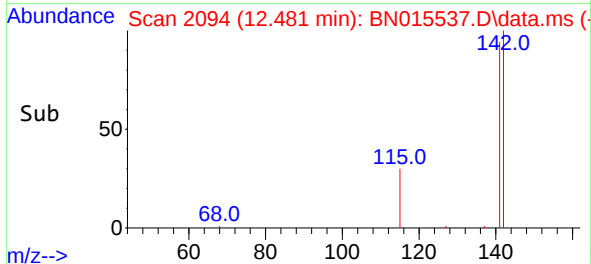
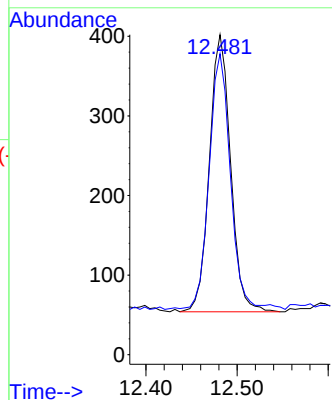
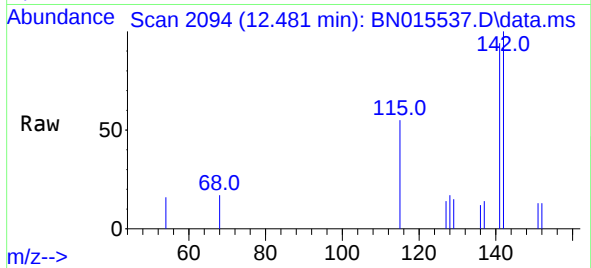
#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

Instrument :
BNA_N
ClientSampled :
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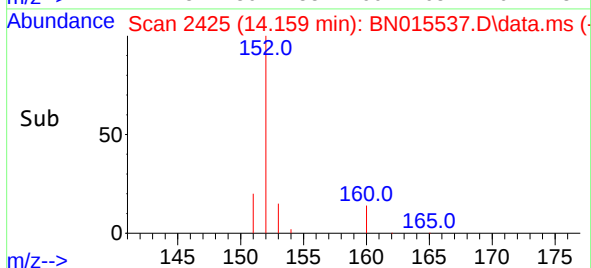
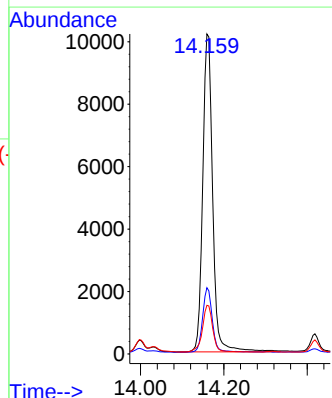
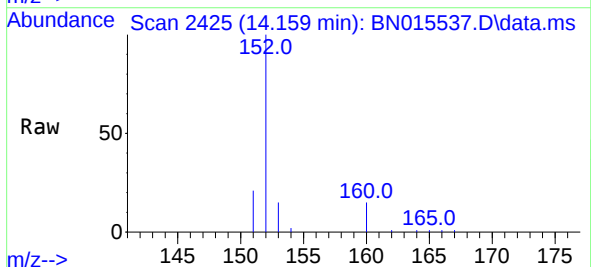
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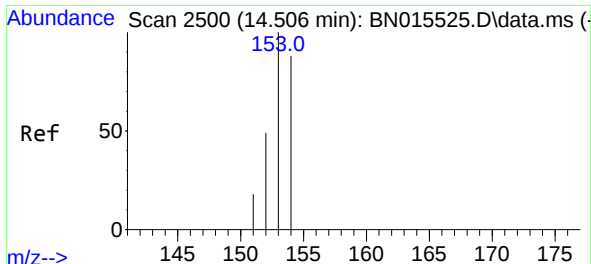
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#10
Acenaphthylene
Concen: 0.586 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

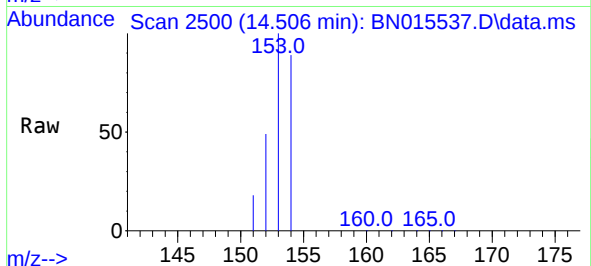
Tgt Ion:152 Resp: 16965
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 15.2 10.9 16.3





#11
Acenaphthene
Concen: 1.830 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

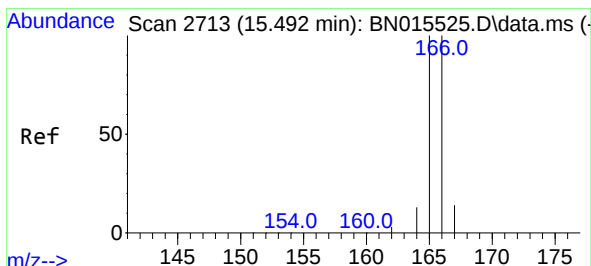
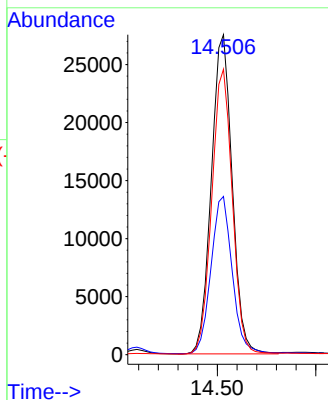
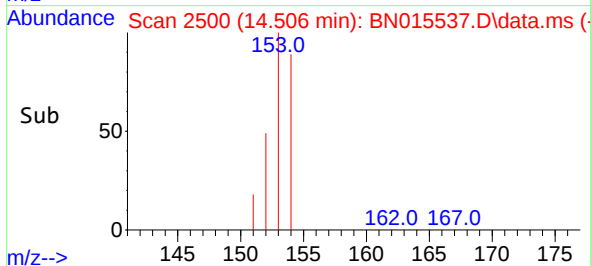
Instrument :
BNA_N
ClientSampleId :
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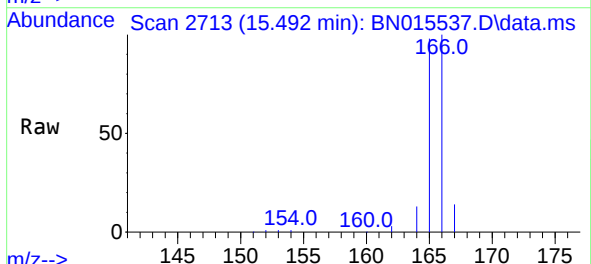
Tgt Ion:153 Resp: 40574
Ion Ratio Lower Upper
153 100
152 49.4 39.8 59.6
154 89.2 69.8 104.8

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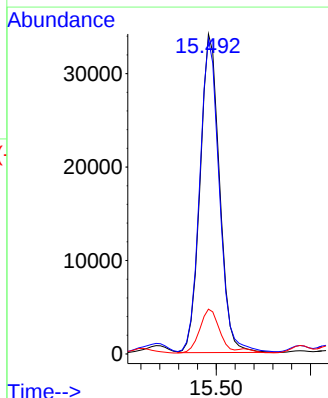
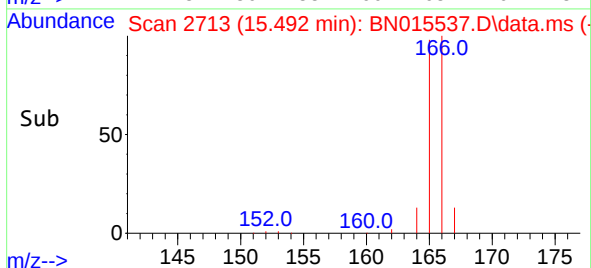
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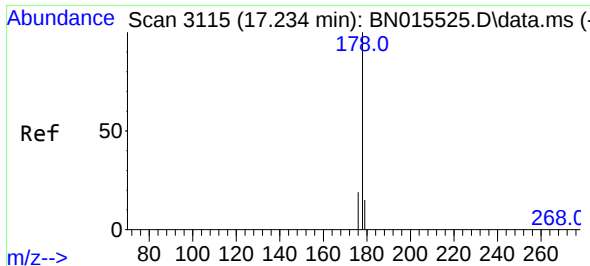


#12
Fluorene
Concen: 1.985 ng/ul
RT: 15.492 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

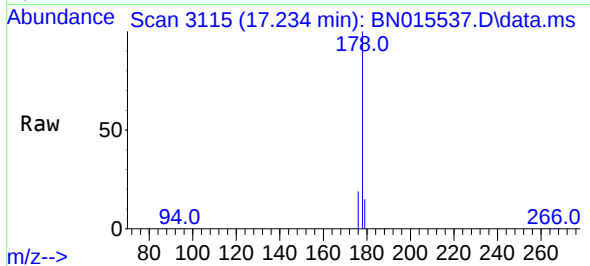


Tgt Ion:166 Resp: 48618
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 14.0 11.2 16.8

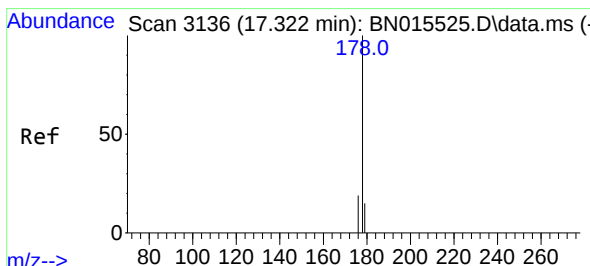
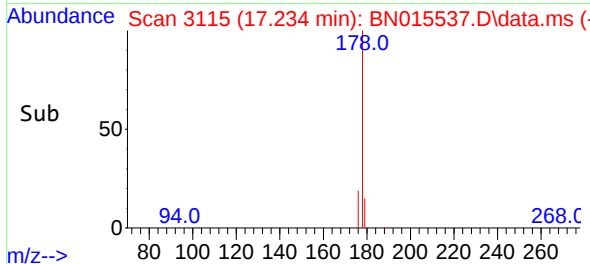
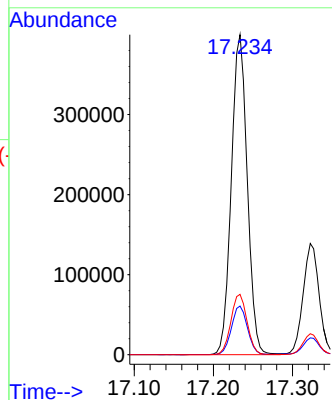




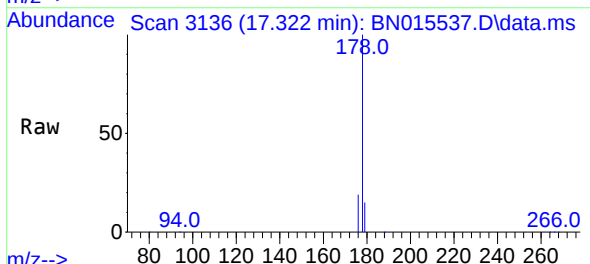
#15
Phenanthrene
Concen: 14.152 ng/u1
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



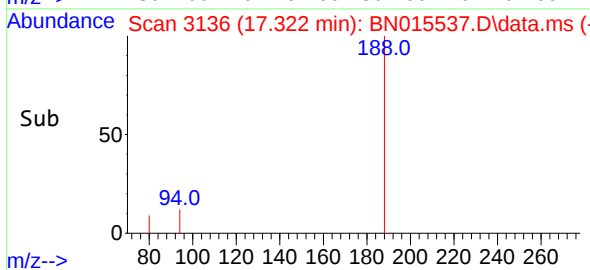
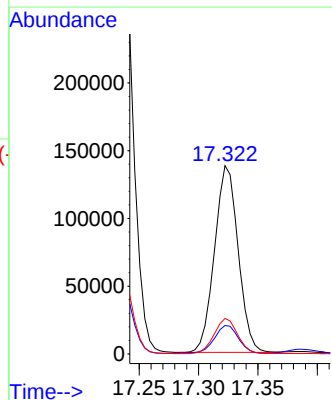
Tgt Ion:178 Resp: 558161
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.9 15.5 23.3



#16
Anthracene
Concen: 5.490 ng/u1
RT: 17.322 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



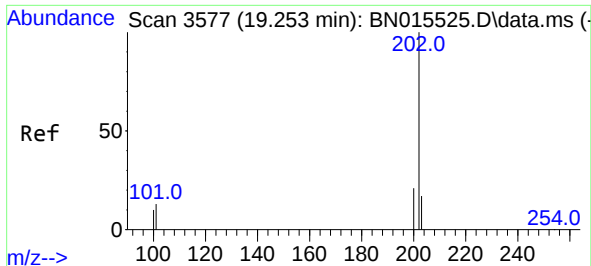
Tgt Ion:178 Resp: 190904
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.8 15.2 22.8



Instrument :
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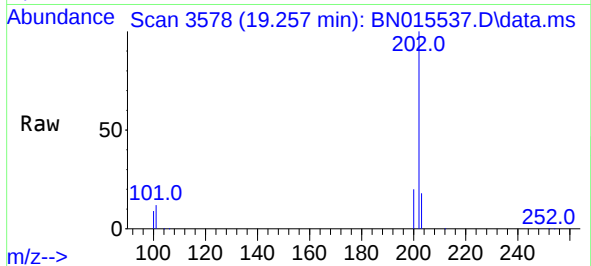
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#19
Fluoranthene
Concen: 15.283 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

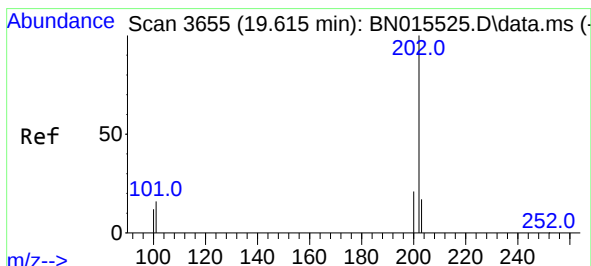
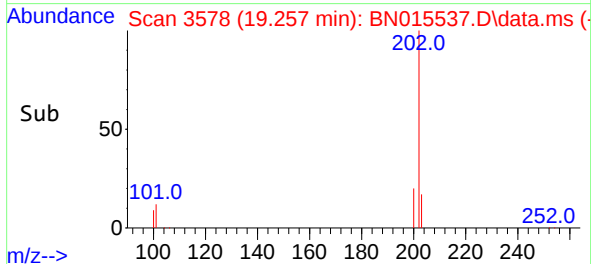
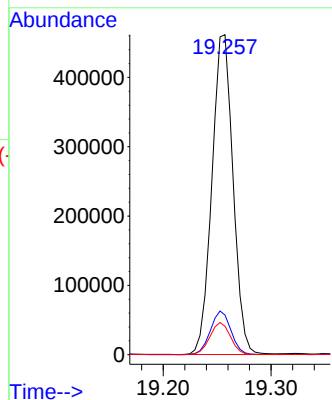
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ClientSampleId :
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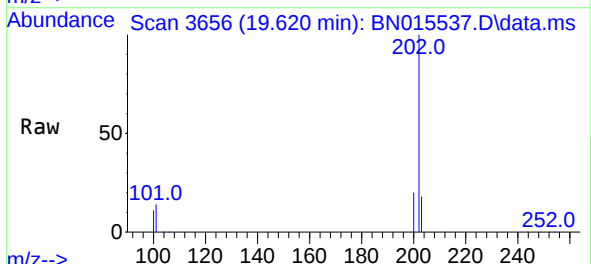
Tgt Ion:202 Resp: 628172
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 8.9 7.4 11.0

Manual Integrations
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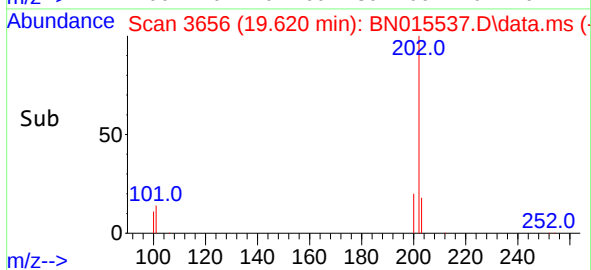
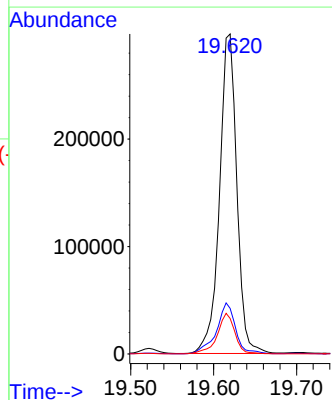
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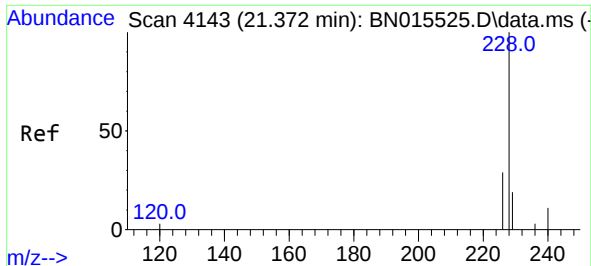


#20
Pyrene
Concen: 10.432 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



Tgt Ion:202 Resp: 430026
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.1 9.6 14.4





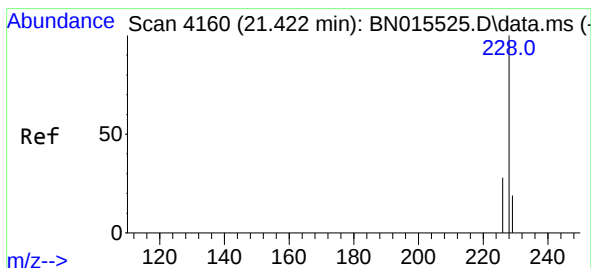
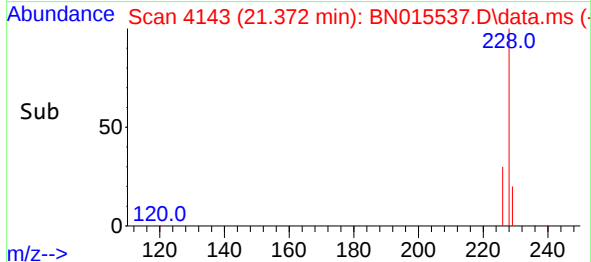
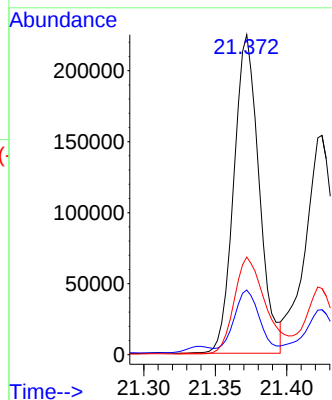
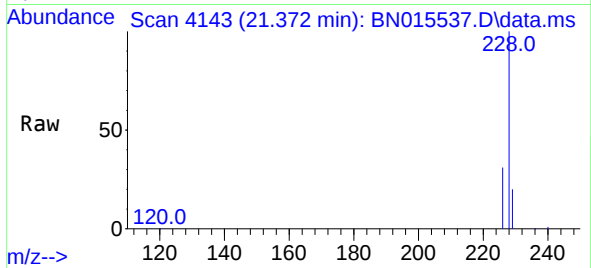
#21
Benzo(a)anthracene
Concen: 8.403 ng/u1
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

Tgt Ion:228 Resp: 276891
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 30.5 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDX1DL

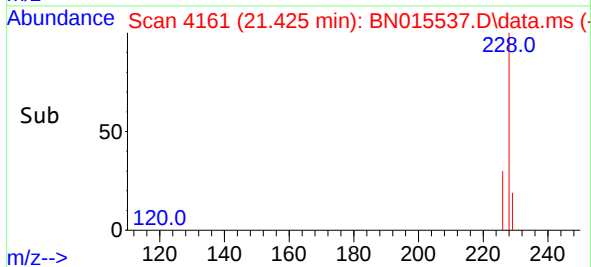
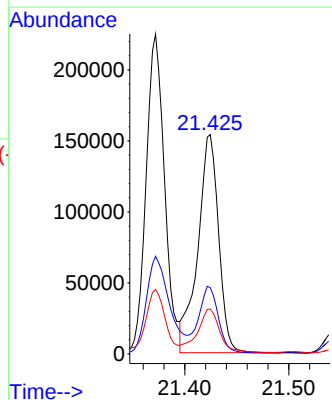
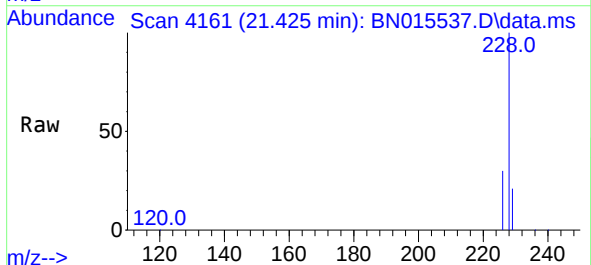
Manual Integrations
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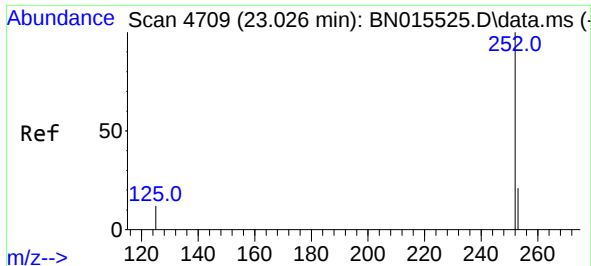
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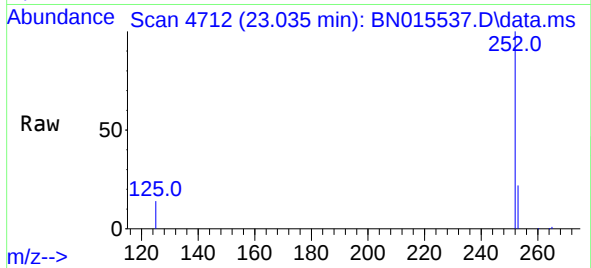
#22
Chrysene
Concen: 5.390 ng/u1
RT: 21.425 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

Tgt Ion:228 Resp: 212615
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 20.5 15.7 23.5

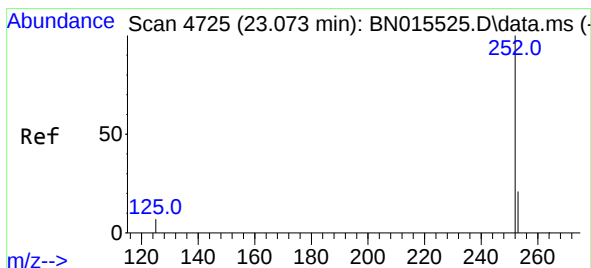
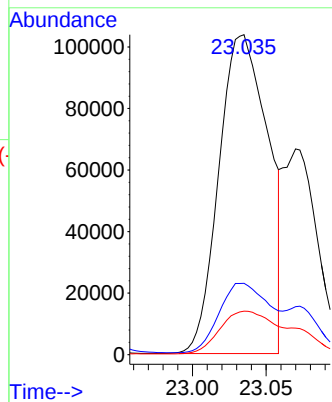
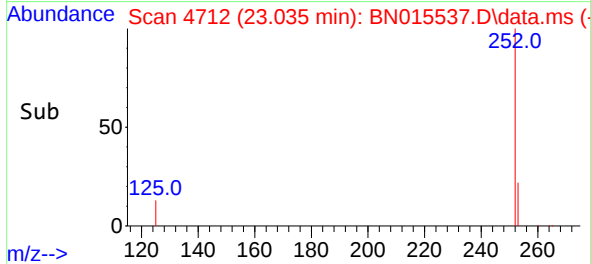




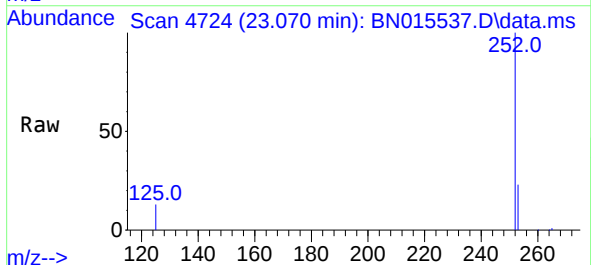
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Benzo(b)fluoranthene
Concen: 5.699 ng/ul m
RT: 23.035 min Scan# 4712
Delta R.T. 0.006 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



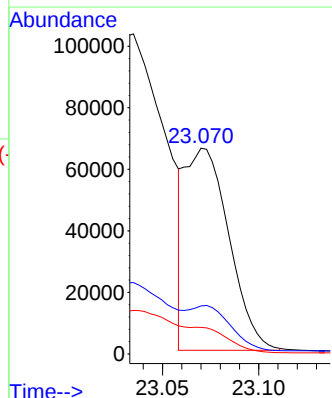
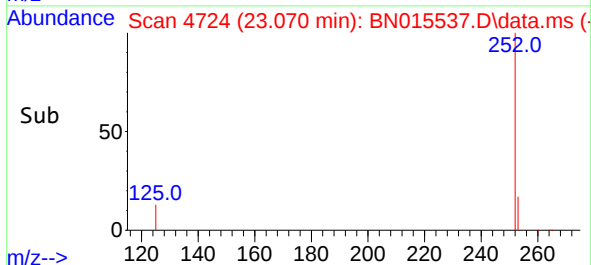
Tgt Ion:252 Resp: 239105
Ion Ratio Lower Upper
252 100
253 22.3 0.0 45.6
125 13.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 2.202 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



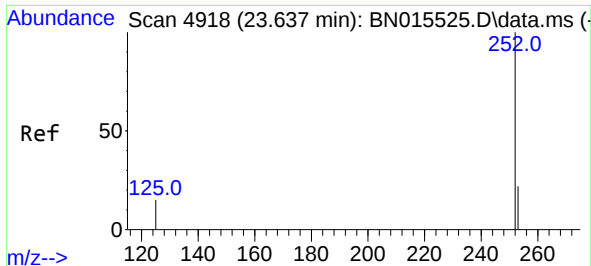
Tgt Ion:252 Resp: 104287
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 12.9 11.5 17.3



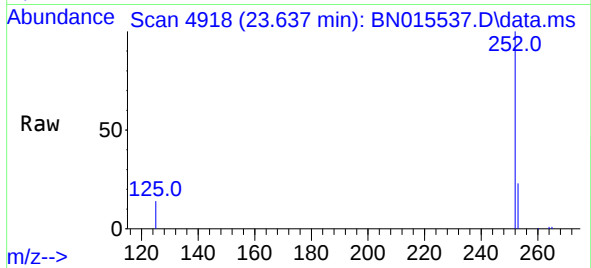
Instrument :
BNA_N
ClientSampled :
BGDX1DL

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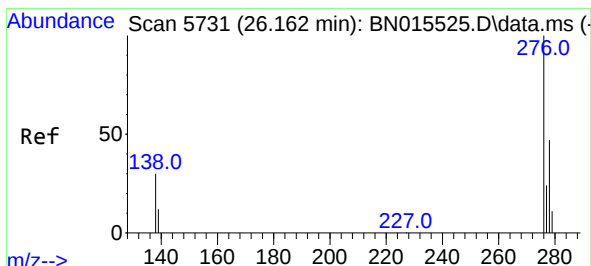
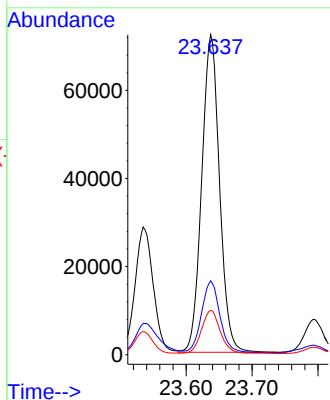
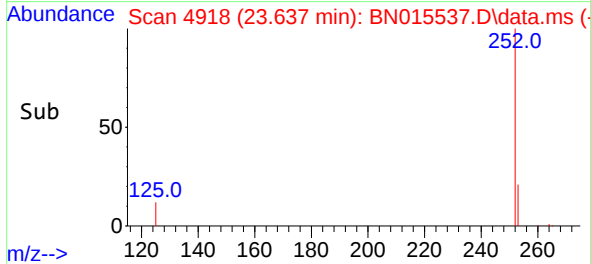
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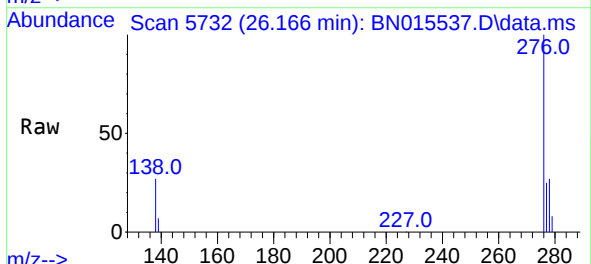
#26
Benzo(a)pyrene
Concen: 3.847 ng/ul
RT: 23.637 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



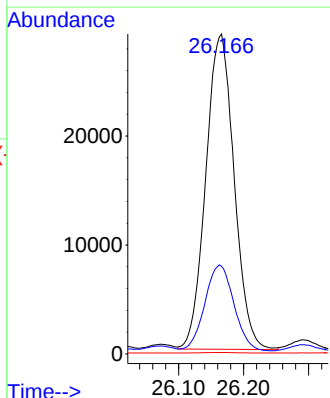
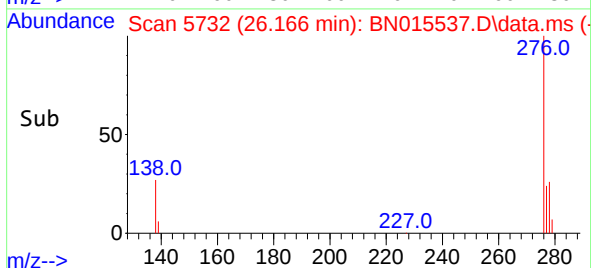
Tgt Ion:252 Resp: 135582
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 13.9 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.059 ng/ul
RT: 26.166 min Scan# 5732
Delta R.T. -0.003 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



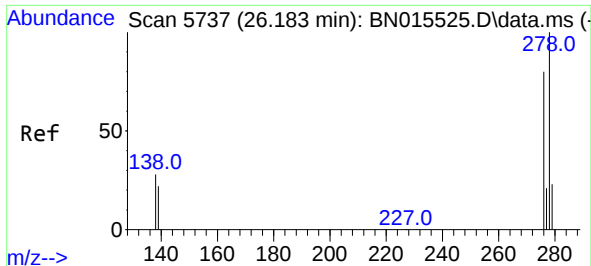
Tgt Ion:276 Resp: 87627
Ion Ratio Lower Upper
276 100
138 27.8 26.3 39.5
227 0.2 0.1 0.1#



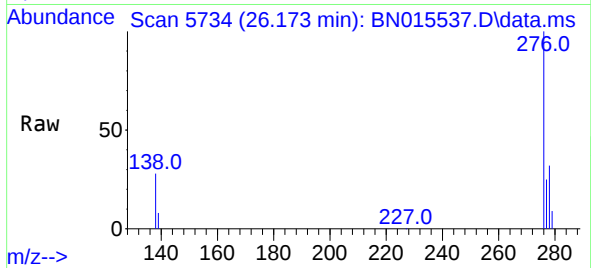
Instrument :
BNA_N
ClientSampleId :
BGDX1DL

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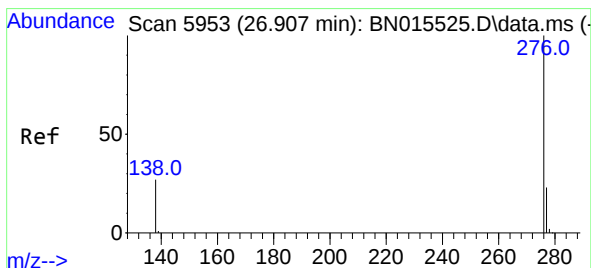
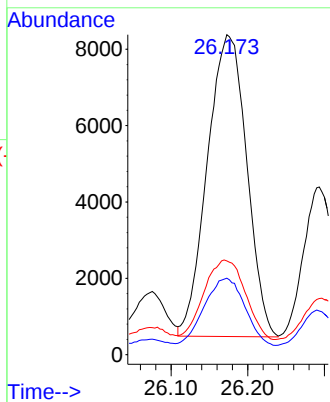
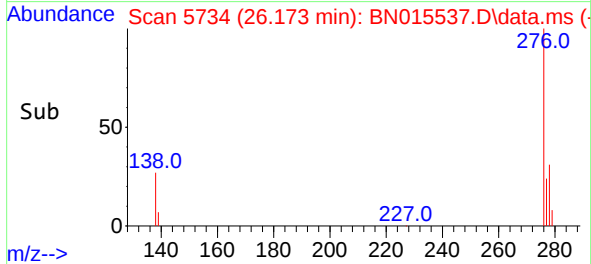


#28
Dibenzo(a,h)anthracene
Concen: 0.845 ng/ul
RT: 26.173 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17

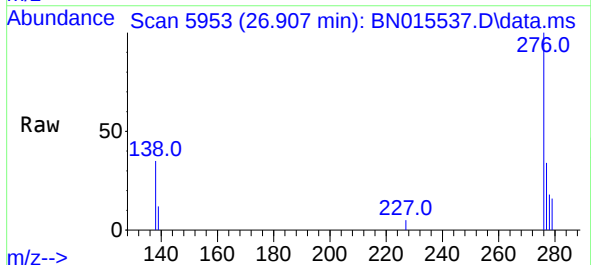


Tgt Ion: 278 Resp: 28208

Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.9	28.3
279	29.3	20.8	31.2

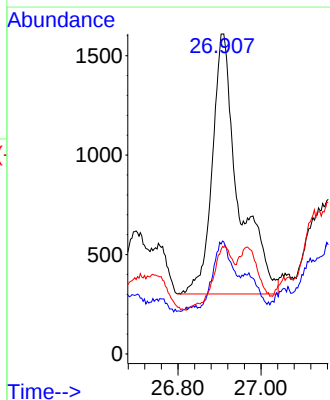
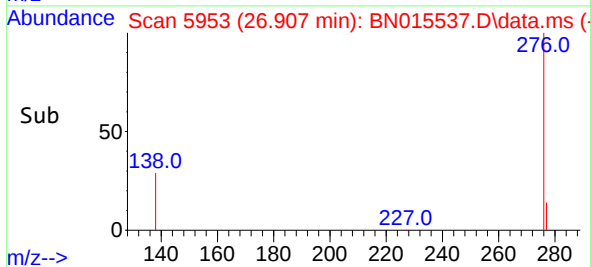


#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.003 min
Lab File: BN015537.D
Acq: 13 Jul 2021 20:17



Tgt Ion: 276 Resp: 5735

Ion	Ratio	Lower	Upper
276	100		
138	35.3	23.0	34.4#
277	33.6	19.3	28.9#



Instrument :
BNA_N
ClientSampleID :
BGDX1DL

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