

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015533.D
 Acq On : 13 Jul 2021 17:52
 Operator : CG/JU
 Sample : M2869-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDX4DL

Manual Integrations
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Quant Time: Jul 13 18:21:42 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	3072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10520	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10967	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8678	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	9675	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	1498	0.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	583	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	1486	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	26081	0.777	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	3153	0.144	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	1599	0.075	ng/ul	98
10) Acenaphthylene	14.159	152	38721	1.311	ng/ul	99
11) Acenaphthene	14.506	153	51951	2.294	ng/ul	98
12) Fluorene	15.496	166	62342	2.492	ng/ul	99
15) Phenanthrene	17.233	178	700518	17.599	ng/ul	100
16) Anthracene	17.326	178	276846	7.889	ng/ul	98
19) Fluoranthene	19.257	202	975111	24.317	ng/ul	100
20) Pyrene	19.619	202	710194	17.659	ng/ul	100
21) Benzo(a)anthracene	21.372	228	491673	15.295	ng/ul	96
22) Chrysene	21.424	228	397746	10.335	ng/ul	99
24) Benzo(b)fluoranthene	23.034	252	470979m	10.420	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	195604m	3.834	ng/ul	
26) Benzo(a)pyrene	23.640	252	285851	7.530	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.165	276	186159	4.060	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.182	278	57211	1.591	ng/ul	96
29) Benzo(g,h,i)perylene	26.907	276	13801	0.325	ng/ul#	88

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

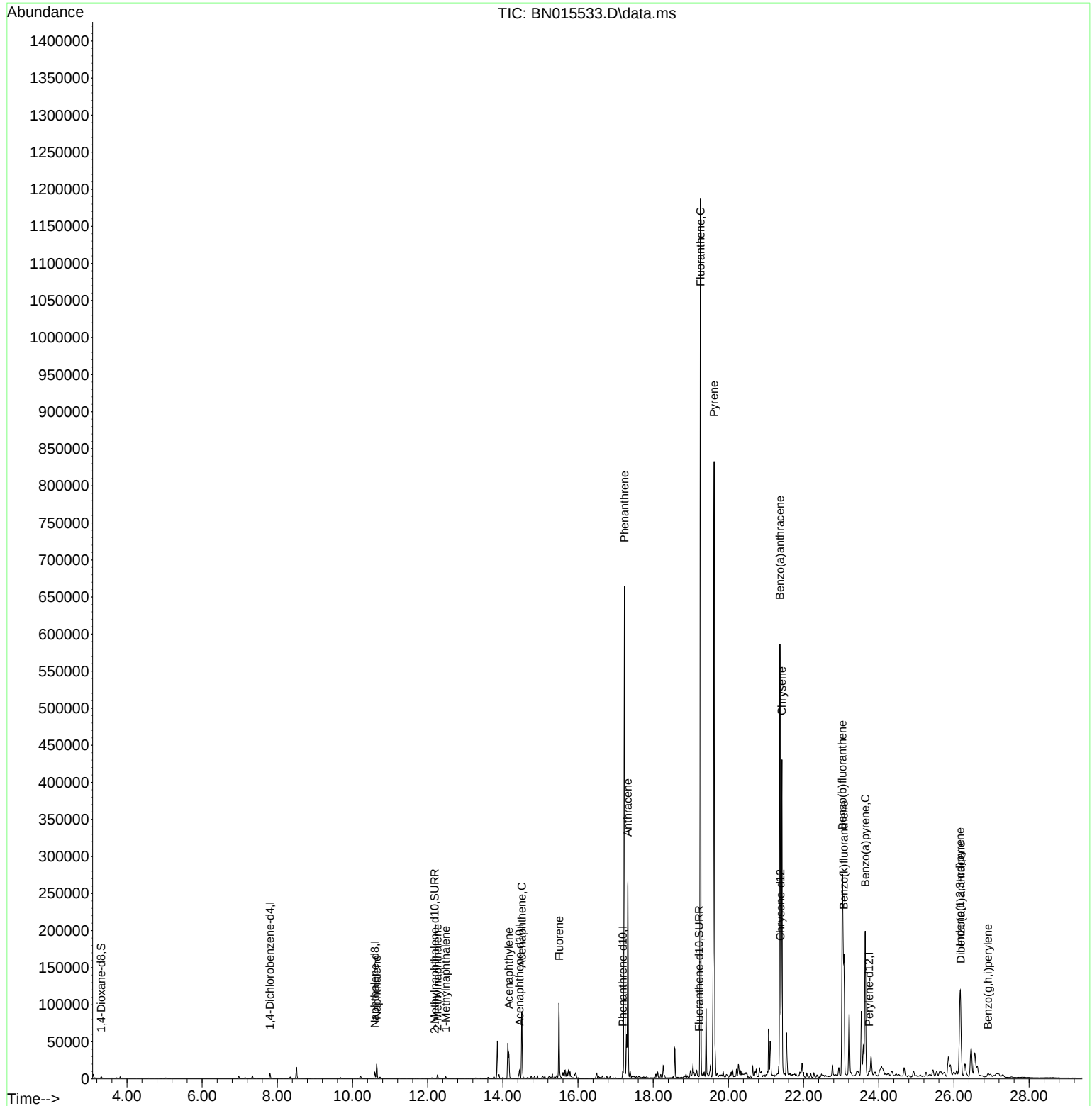
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Data File : BN015533.D
Acq On : 13 Jul 2021 17:52
Operator : CG/JU
Sample : M2869-06DL 5X
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ALS Vial : 10 Sample Multiplier: 1

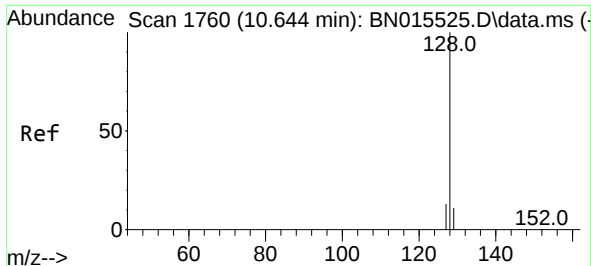
Instrument :
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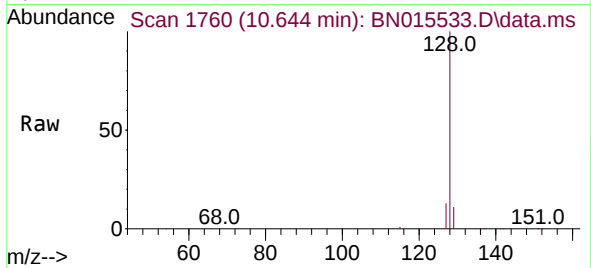
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Quant Time: Jul 13 18:21:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

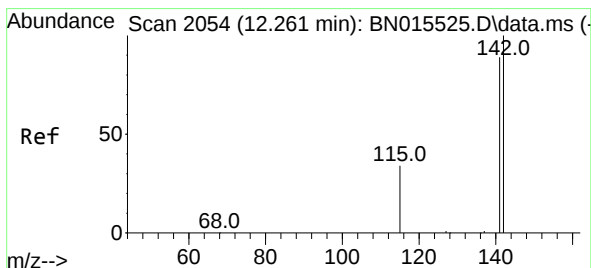
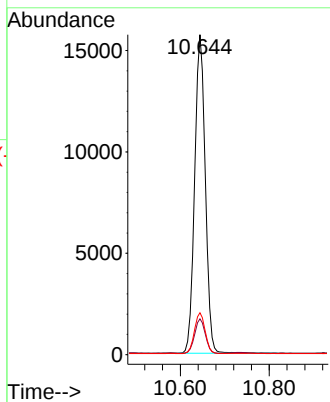
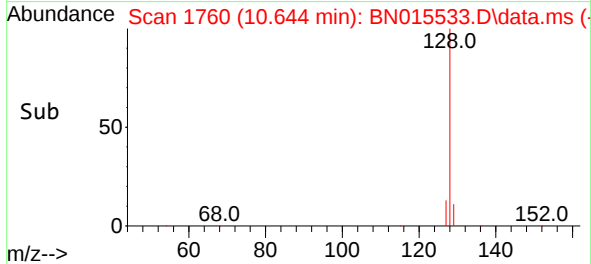




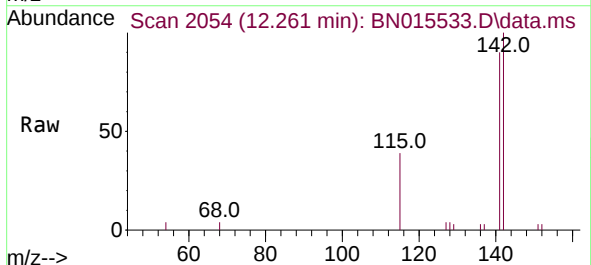
#5
Naphthalene
Concen: 0.777 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



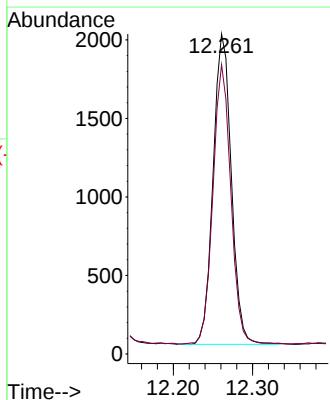
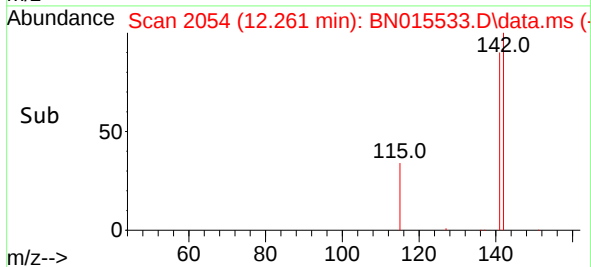
Tgt Ion:128 Resp: 26081
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.1 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



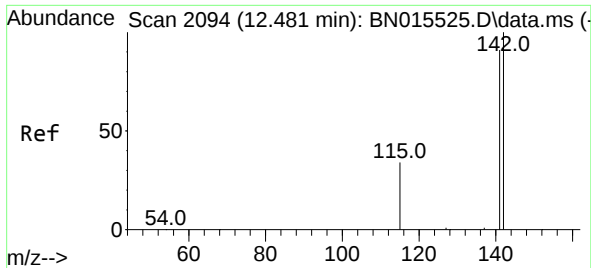
Tgt Ion:142 Resp: 3153
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



Instrument :
BNA_N
ClientSampleId :
BGDX4DL

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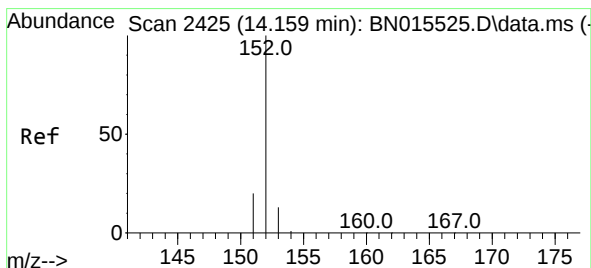
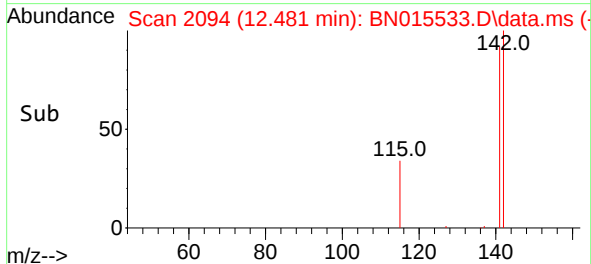
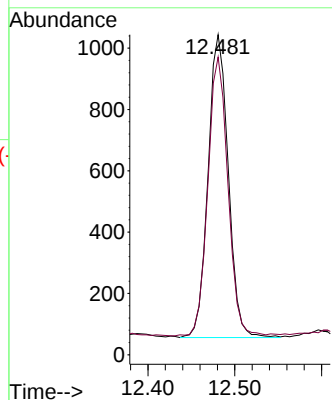
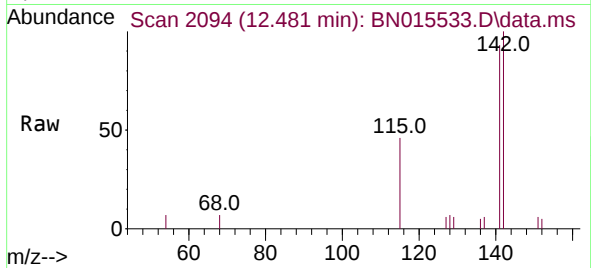
#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

Instrument :
BNA_N
ClientSampled :
BGDX4DL

Tgt Ion:142 Resp: 1599
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4

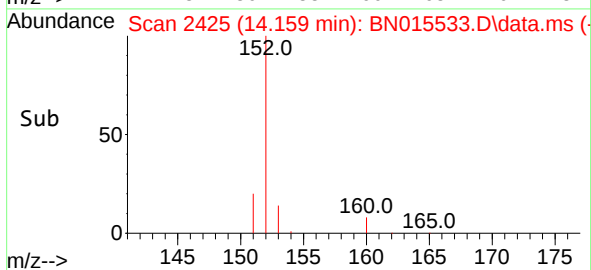
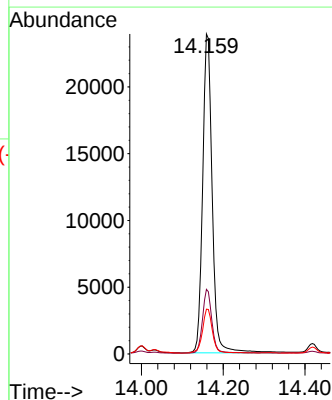
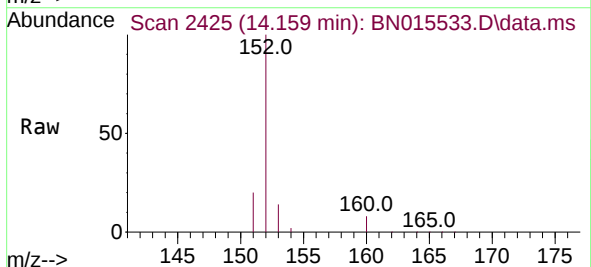
Manual Integrations
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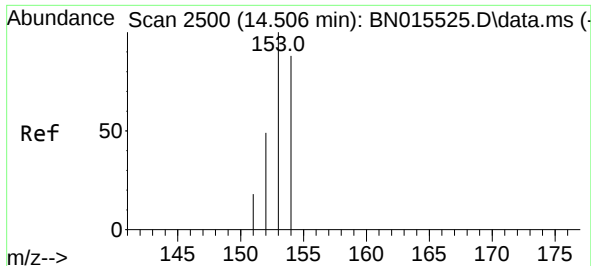
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#10
Acenaphthylene
Concen: 1.311 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

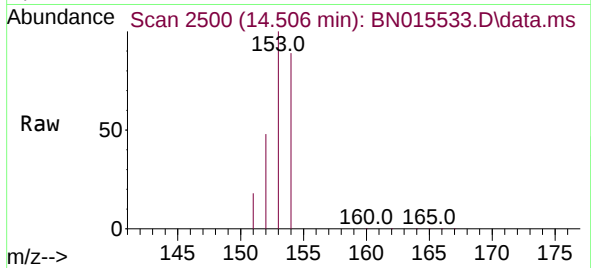
Tgt Ion:152 Resp: 38721
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 2.294 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

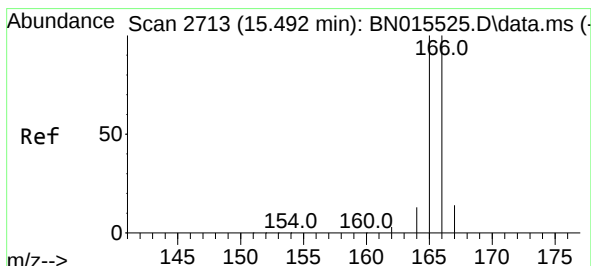
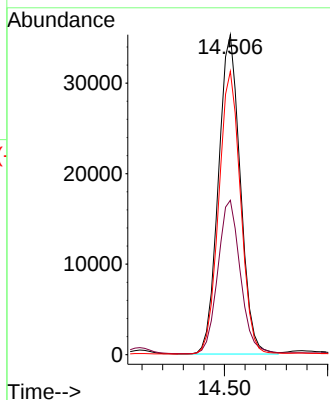
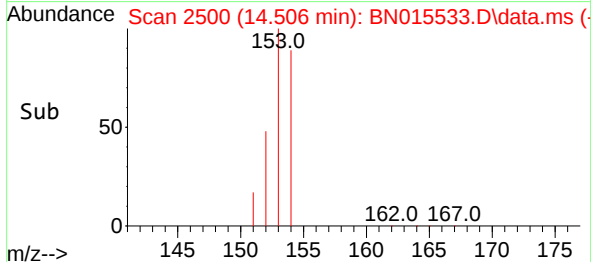
Instrument :
BNA_N
ClientSampleId :
BGDX4DL



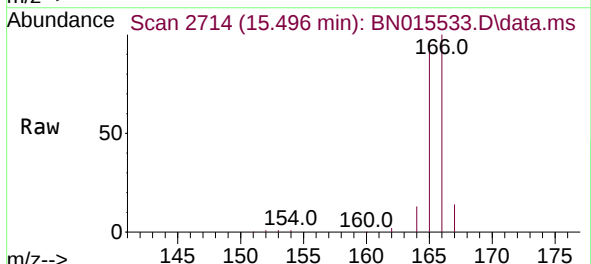
Tgt Ion:153 Resp: 51951
Ion Ratio Lower Upper
153 100
152 48.2 39.8 59.6
154 88.6 69.8 104.8

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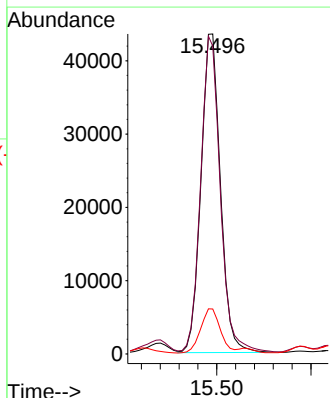
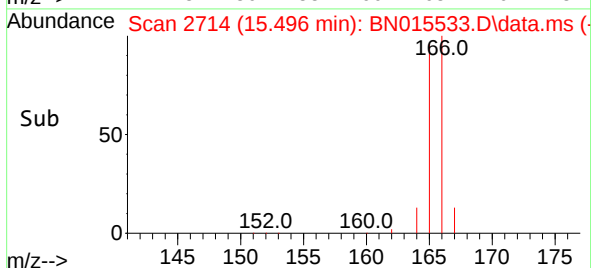
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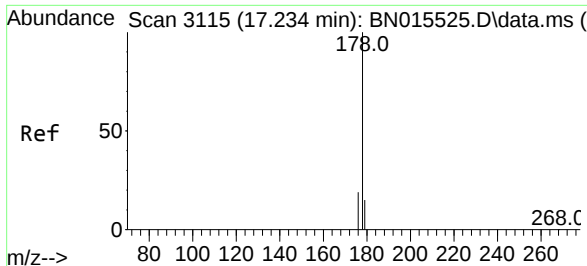


#12
Fluorene
Concen: 2.492 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



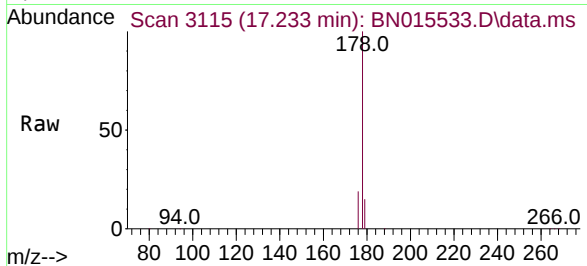
Tgt Ion:166 Resp: 62342
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 14.0 11.2 16.8





#15
Phenanthrene
Concen: 17.599 ng/u1
RT: 17.233 min Scan# 3115
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

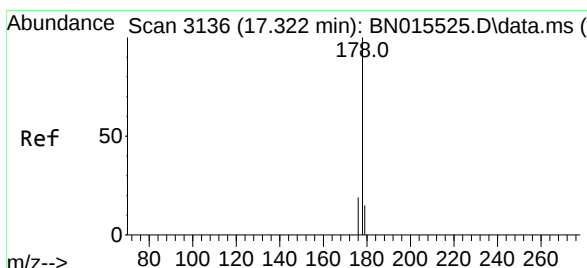
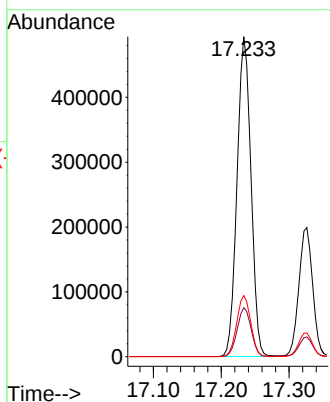
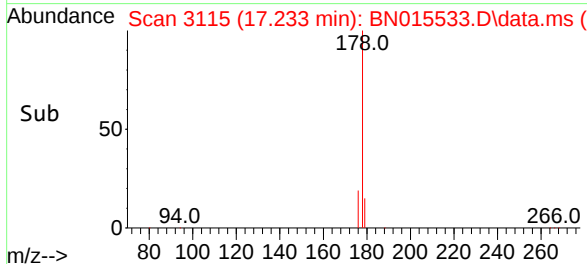
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ClientSampleId :
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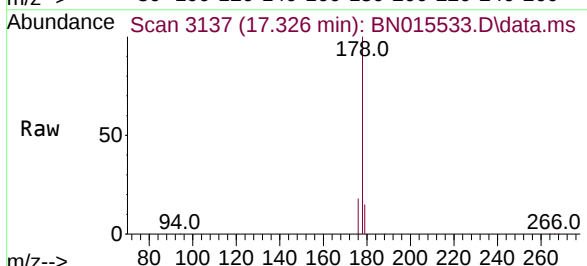
Tgt Ion:178 Resp: 700518
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.5 23.3

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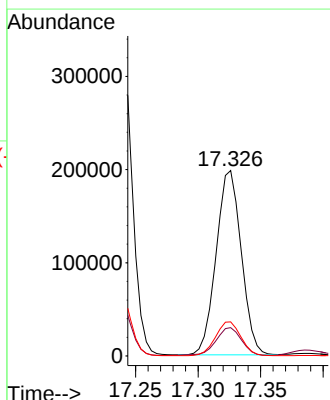
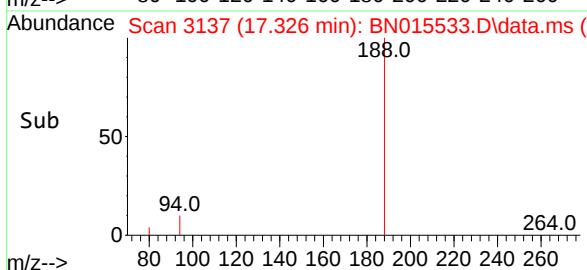
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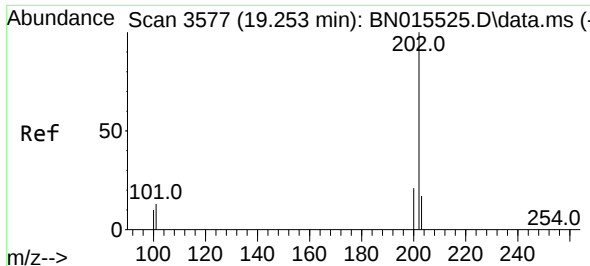


#16
Anthracene
Concen: 7.889 ng/u1
RT: 17.326 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



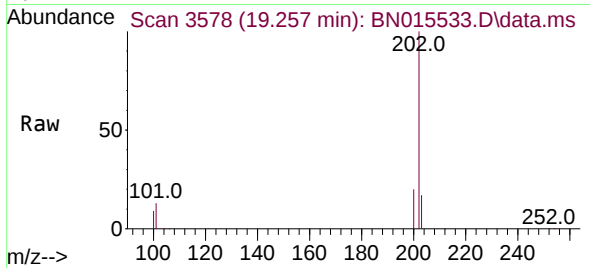
Tgt Ion:178 Resp: 276846
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.4 15.2 22.8





#19
Fluoranthene
Concen: 24.317 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

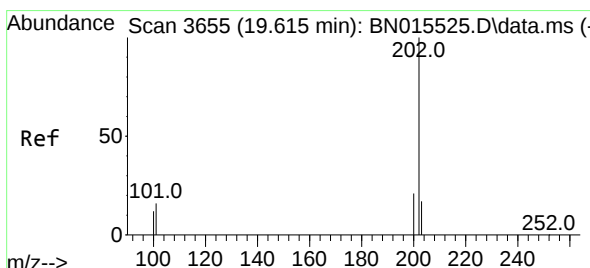
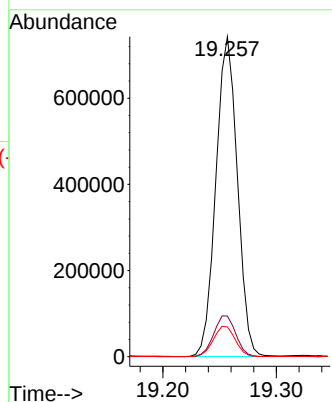
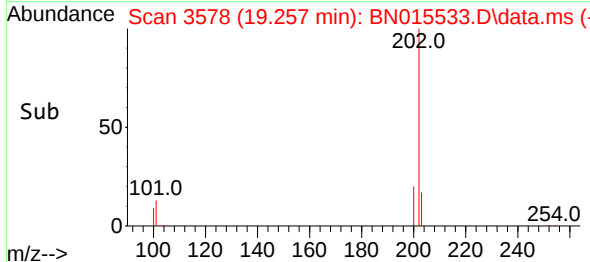
Instrument :
BNA_N
ClientSampleId :
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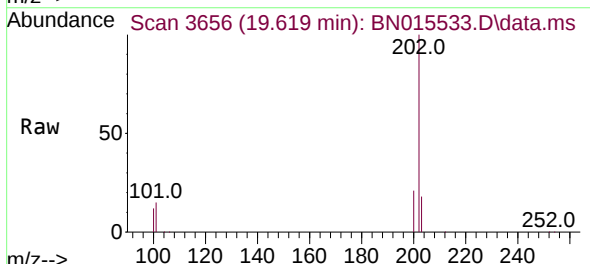
Tgt Ion:202 Resp: 975111
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.4 11.0

Manual Integrations
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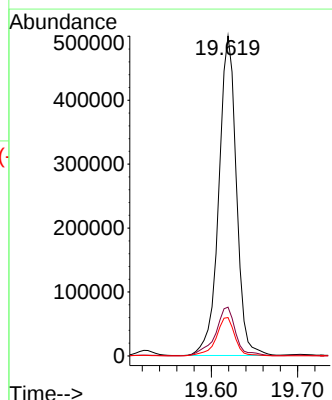
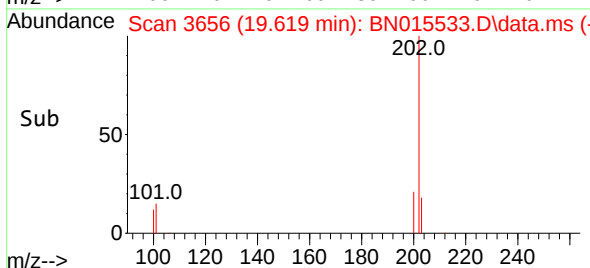
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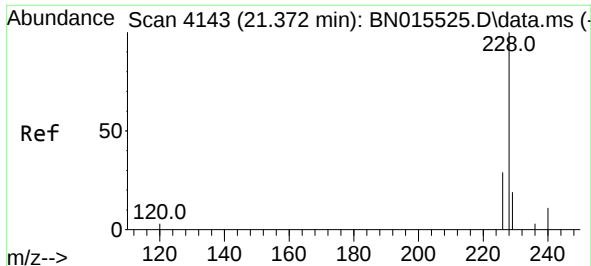


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Pyrene
Concen: 17.659 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



Tgt Ion:202 Resp: 710194
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.0 9.6 14.4





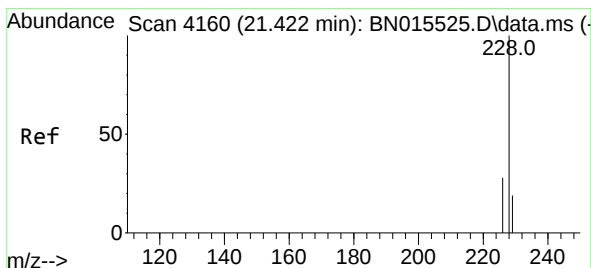
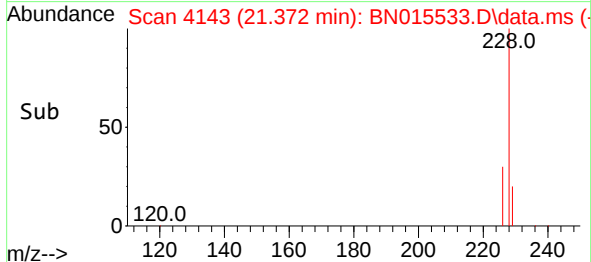
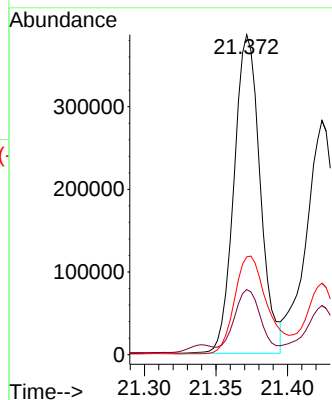
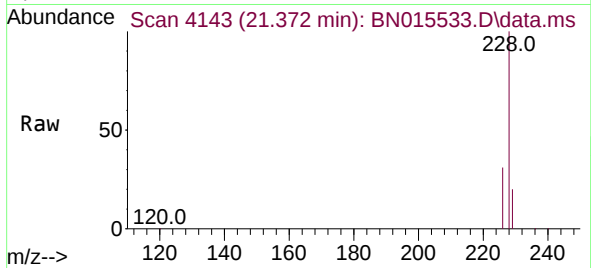
#21
Benzo(a)anthracene
Concen: 15.295 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

Tgt Ion:228 Resp: 491673
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 30.6 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDX4DL

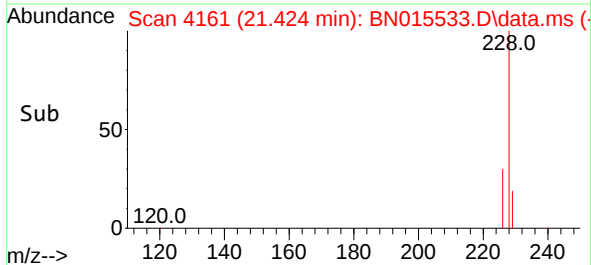
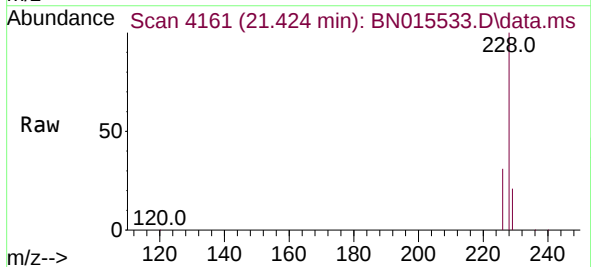
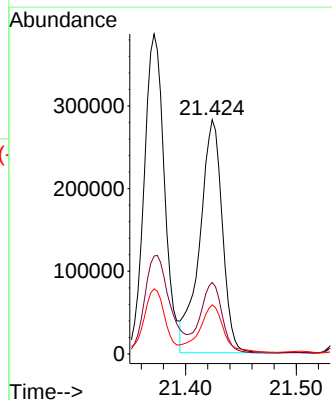
Manual Integrations
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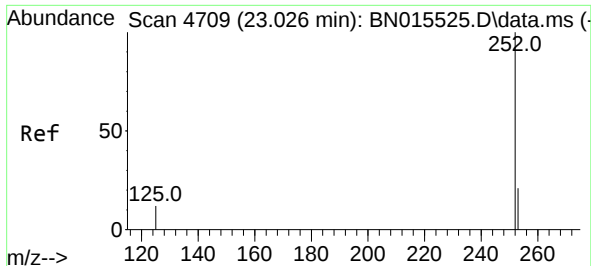
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7/14/2021 12:14:31 PM



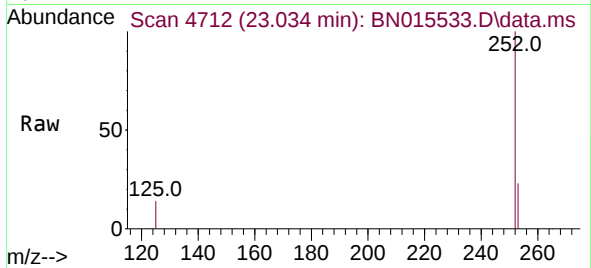
#22
Chrysene
Concen: 10.335 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52

Tgt Ion:228 Resp: 397746
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.0 15.7 23.5

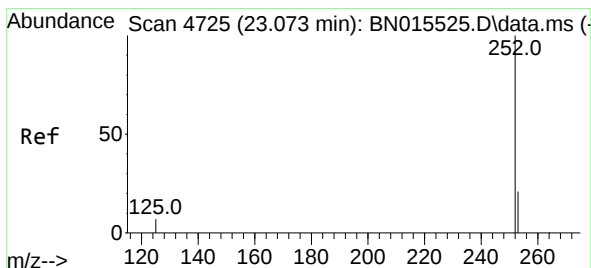
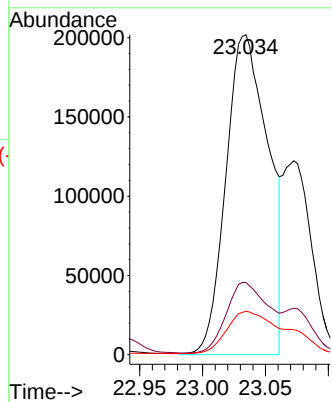
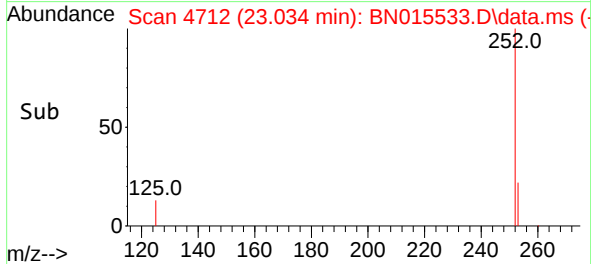




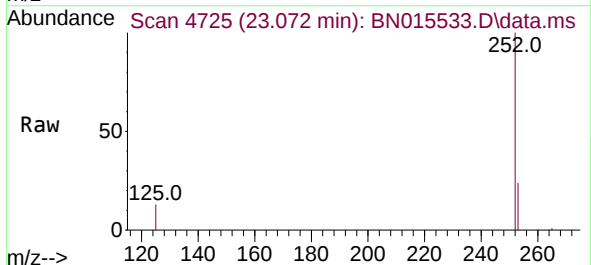
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Benzo(b)fluoranthene
Concen: 10.420 ng/ul m
RT: 23.034 min Scan# 4712
Delta R.T. 0.005 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



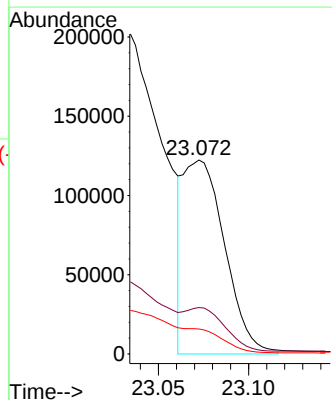
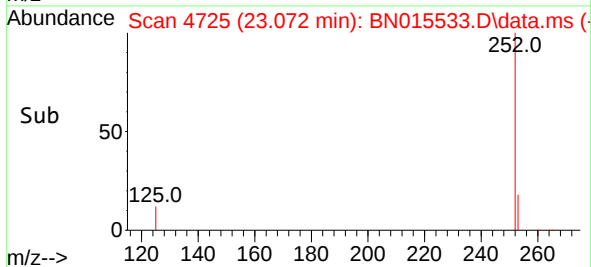
Tgt Ion:252 Resp: 470979
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 13.6 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 3.834 ng/ul m
RT: 23.072 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



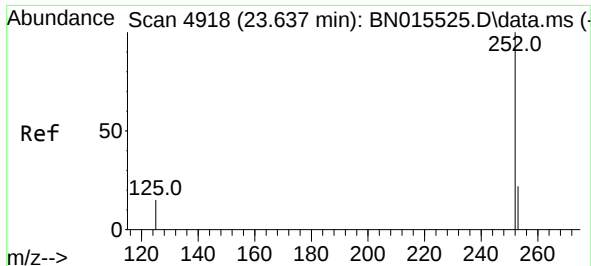
Tgt Ion:252 Resp: 195604
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.9 11.5 17.3



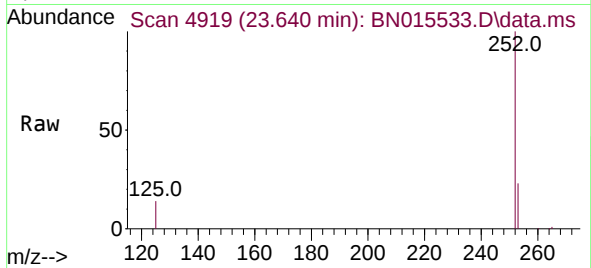
Instrument :
BNA_N
ClientSampleId :
BGDX4DL

Manual Integrations
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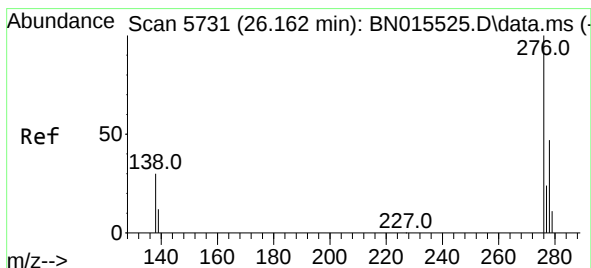
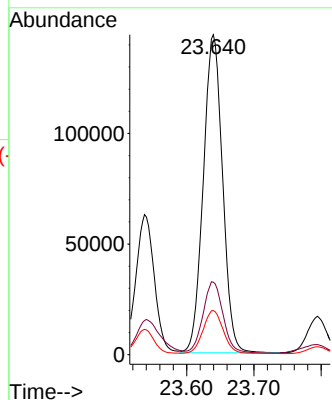
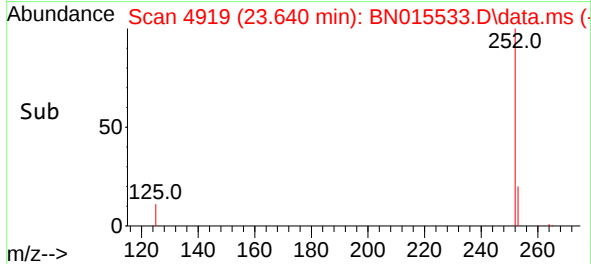
mohammad
7/14/2021 12:14:31 PM



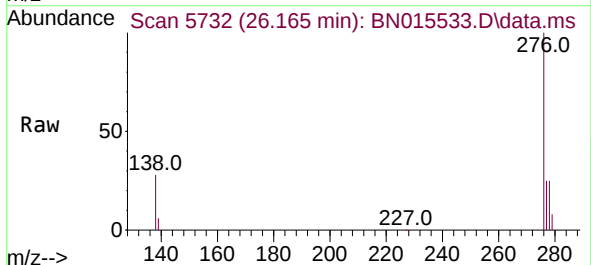
#26
Benzo(a)pyrene
Concen: 7.530 ng/ul
RT: 23.640 min Scan# 4919
Delta R.T. -0.001 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



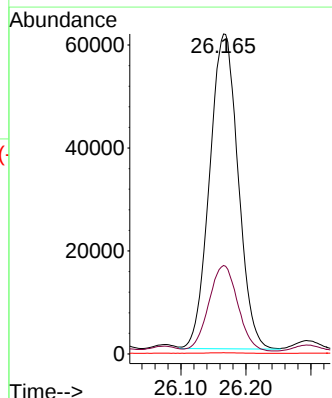
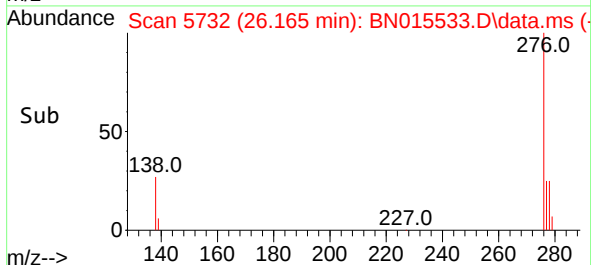
Tgt Ion:252 Resp: 285851
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 13.8 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.060 ng/ul
RT: 26.165 min Scan# 5732
Delta R.T. -0.004 min
Lab File: BN015533.D
Acq: 13 Jul 2021 17:52



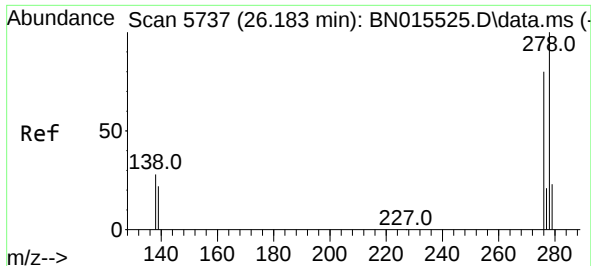
Tgt Ion:276 Resp: 186159
Ion Ratio Lower Upper
276 100
138 27.6 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDX4DL

Manual Integrations
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#28

Dibenzo(a,h)anthracene

Concen: 1.591 ng/ul

RT: 26.182 min Scan# 5737

Delta R.T. -0.007 min

Lab File: BN015533.D

Acq: 13 Jul 2021 17:52

Tgt Ion:	278	Resp:	57211
Ion Ratio	Lower	Upper	
278	100		
139	22.9	18.9	28.3
279	28.8	20.8	31.2

Instrument :

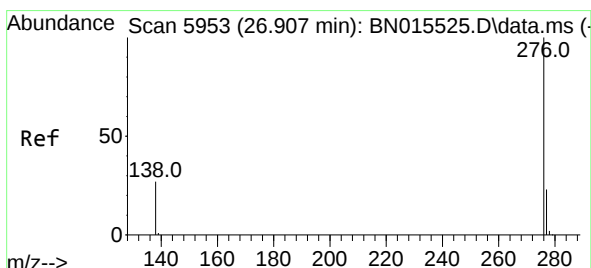
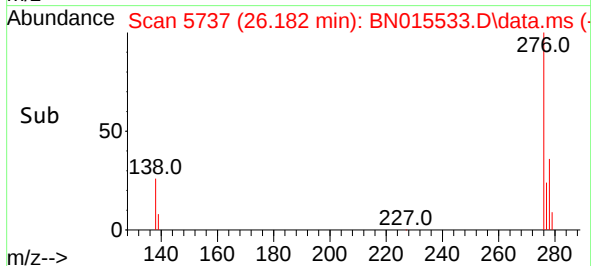
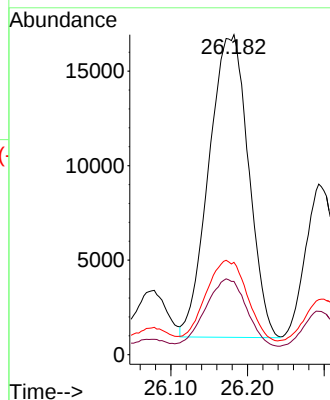
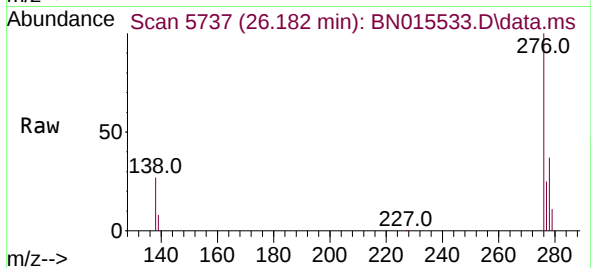
BNA_N

ClientSampleId :

BGDX4DL

Manual Integrations
APPROVED

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#29

Benzo(g,h,i)perylene

Concen: 0.325 ng/ul

RT: 26.907 min Scan# 5953

Delta R.T. -0.004 min

Lab File: BN015533.D

Acq: 13 Jul 2021 17:52

Tgt Ion:	276	Resp:	13801
Ion Ratio	Lower	Upper	
276	100		
138	34.0	23.0	34.4
277	31.4	19.3	28.9

