

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015535.D
 Acq On : 13 Jul 2021 19:04
 Operator : CG/JU
 Sample : M2808-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD7DL

Manual Integrations
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Quant Time: Jul 14 05:08:01 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	2949	0.40	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10219	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5315	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10593	0.40	ng/ul	0.00
17) Chrysene-d12	21.386	240	9395	0.40	ng/ul	0.00
23) Perylene-d12	23.742	264	8772	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	815	0.25	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	439	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	992	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	1439	0.04	ng/ul#	88
10) Acenaphthylene	14.159	152	3736	0.14	ng/ul	97
12) Fluorene	15.491	166	902	0.04	ng/ul#	94
15) Phenanthrene	17.233	178	20239	0.53	ng/ul	99
16) Anthracene	17.326	178	11641	0.34	ng/ul	99
19) Fluoranthene	19.252	202	131047	3.02	ng/ul	97
20) Pyrene	19.619	202	114094	2.62	ng/ul	99
21) Benzo(a)anthracene	21.369	228	68600	1.97	ng/ul	96
22) Chrysene	21.421	228	59619	1.43	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	65827m	1.61	ng/ul	
25) Benzo(k)fluoranthene	23.067	252	26403m	0.57	ng/ul	
26) Benzo(a)pyrene	23.634	252	46395	1.35	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.162	276	26859	0.65	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.172	278	7224	0.22	ng/ul#	91
29) Benzo(g,h,i)perylene	26.907	276	3577	0.09	ng/ul#	89

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

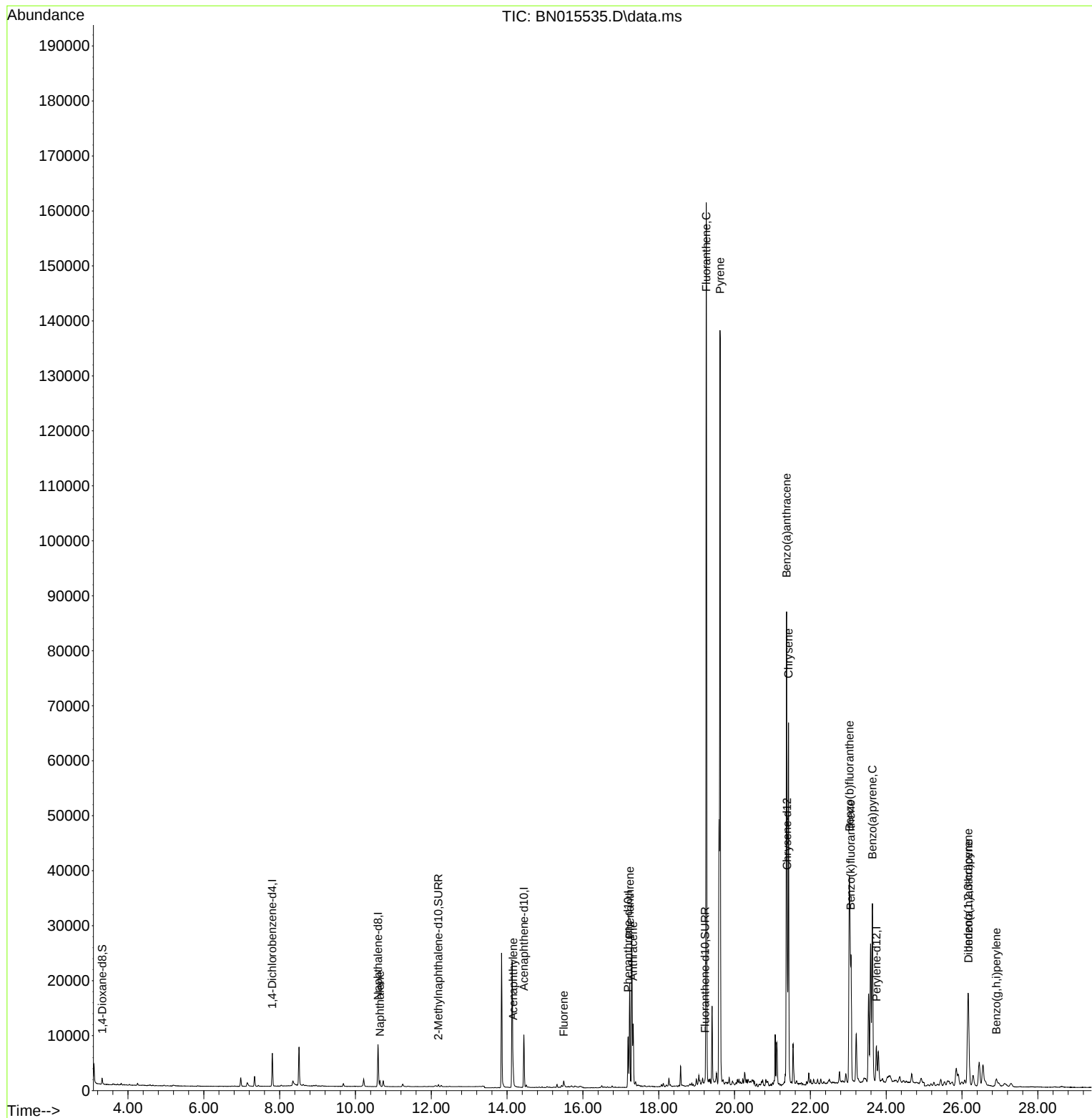
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Data File : BN015535.D
Acq On : 13 Jul 2021 19:04
Operator : CG/JU
Sample : M2808-18DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

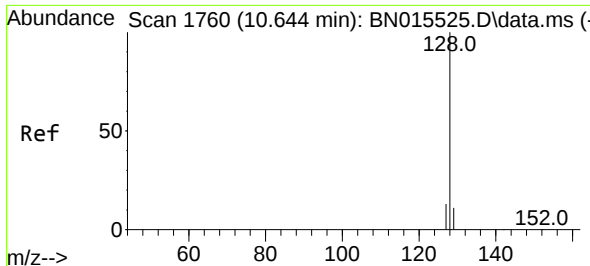
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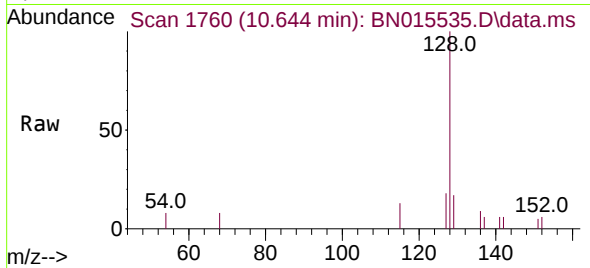
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Quant Time: Jul 14 05:08:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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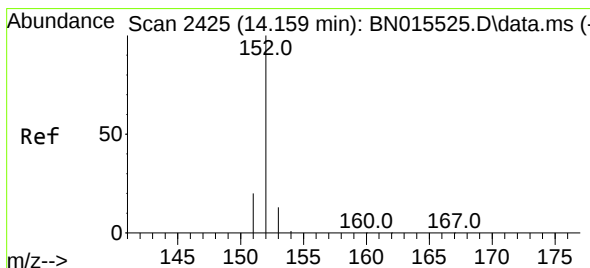
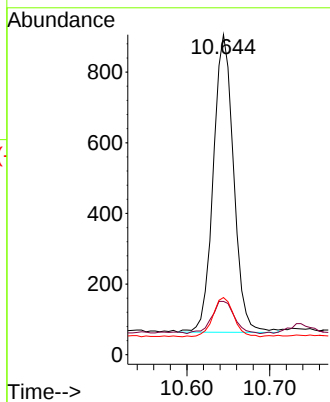
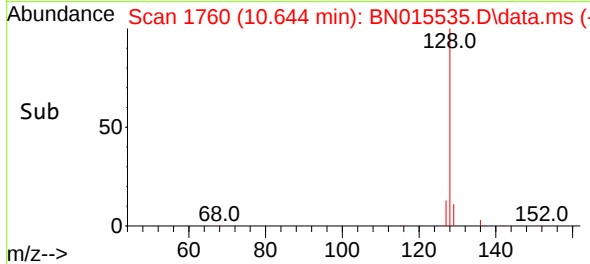




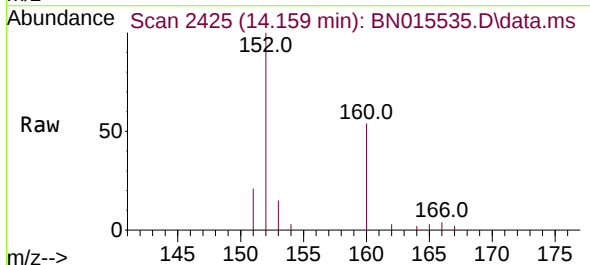
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



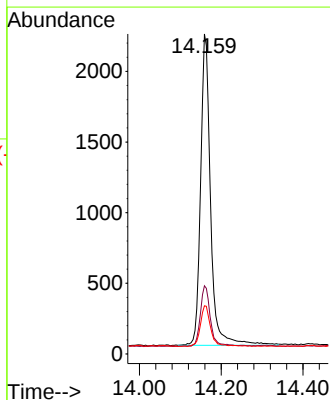
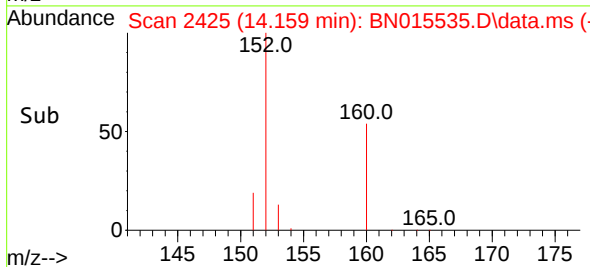
Tgt Ion:128 Resp: 1439
Ion Ratio Lower Upper
128 100
129 16.7 9.3 13.9#
127 17.9 10.8 16.2#



#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



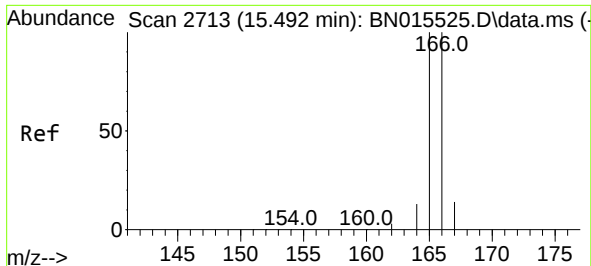
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Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 15.1 10.9 16.3



Instrument :
BNA_N
ClientSampled :
BGDP7DL

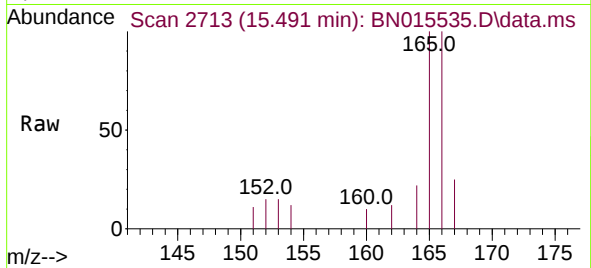
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#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.491 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

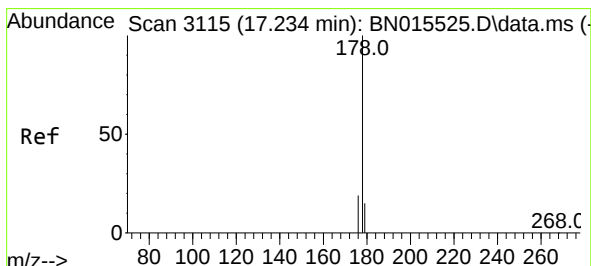
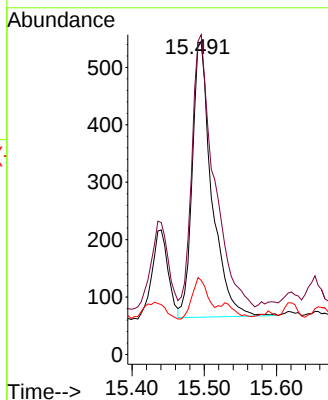
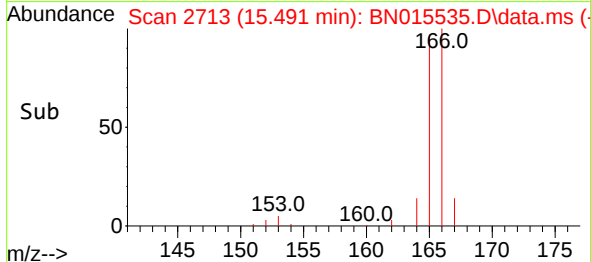
Instrument :
BNA_N
ClientSampled :
BGDP7DL



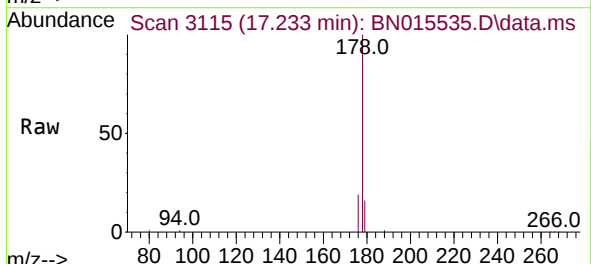
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Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.8
167 24.6 11.2 16.8#

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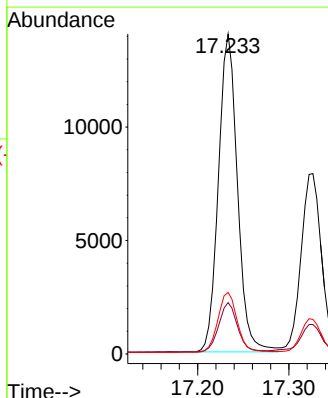
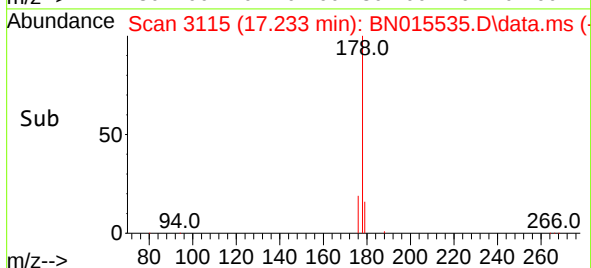
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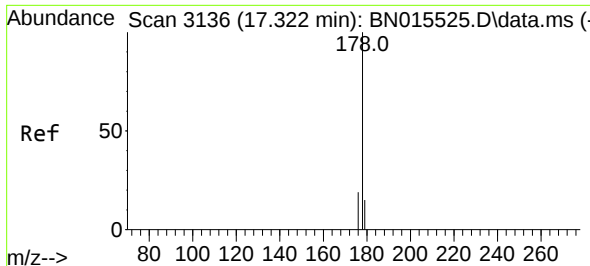


#15
Phenanthrene
Concen: 0.53 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

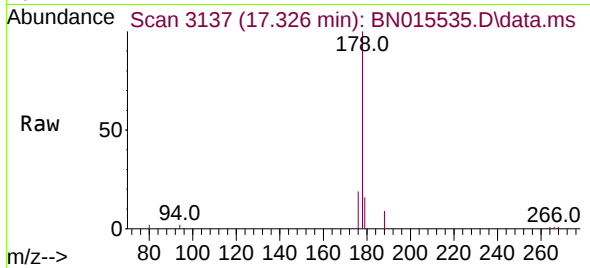


Tgt Ion:178 Resp: 20239
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.2 15.5 23.3

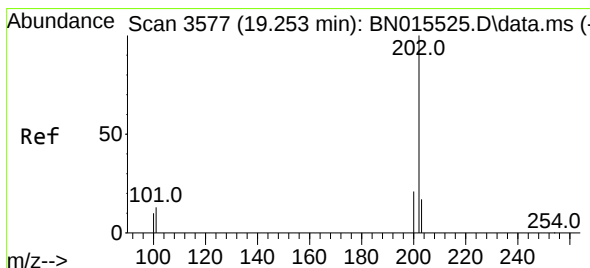
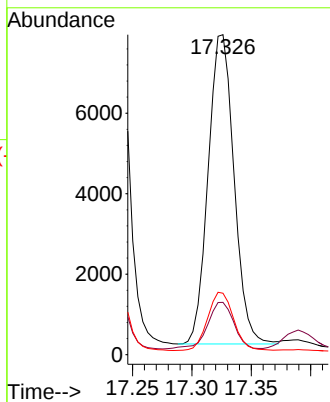
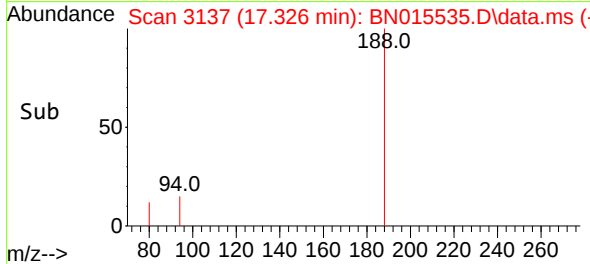




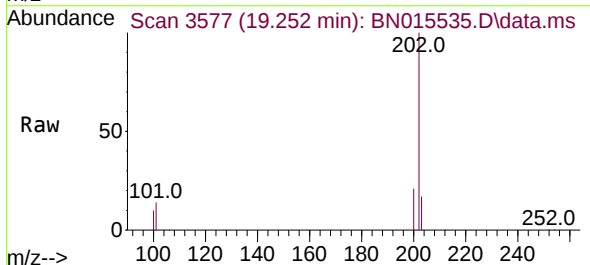
#16
 Anthracene
 Concen: 0.34 ng/ul
 RT: 17.326 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: BN015535.D
 Acq: 13 Jul 2021 19:04



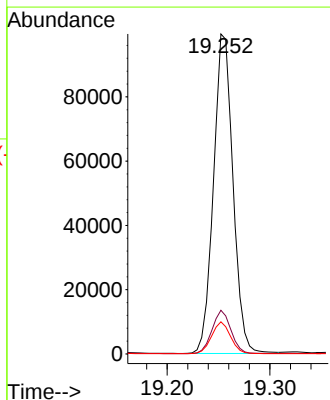
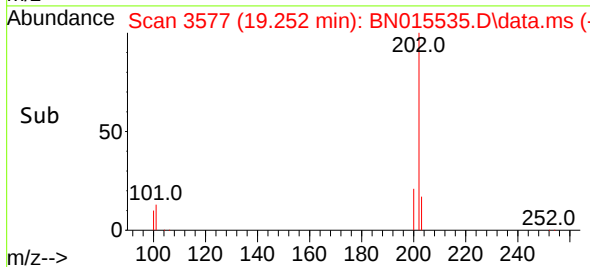
Tgt Ion:178 Resp: 11641
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.8 19.2
 176 19.2 15.2 22.8



#19
 Fluoranthene
 Concen: 3.02 ng/ul
 RT: 19.252 min Scan# 3577
 Delta R.T. -0.005 min
 Lab File: BN015535.D
 Acq: 13 Jul 2021 19:04



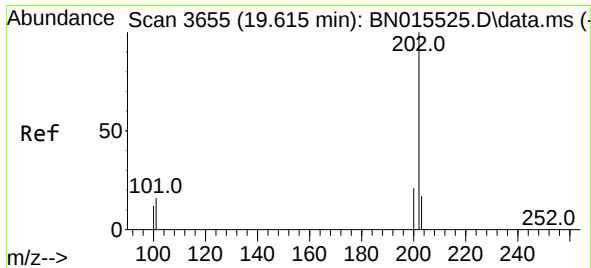
Tgt Ion:202 Resp: 131047
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.1 15.1
 100 10.1 7.4 11.0



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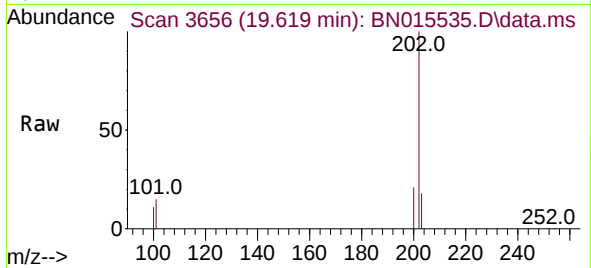
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#20
Pyrene
Concen: 2.62 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

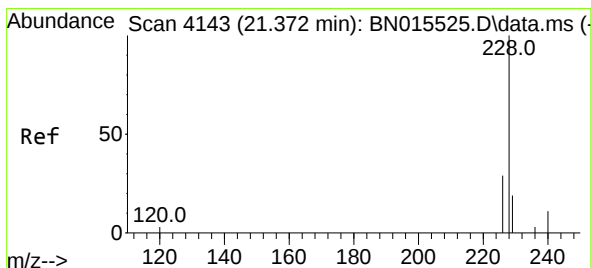
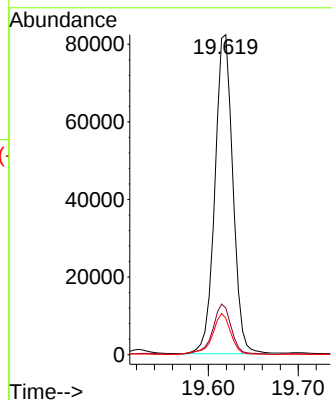
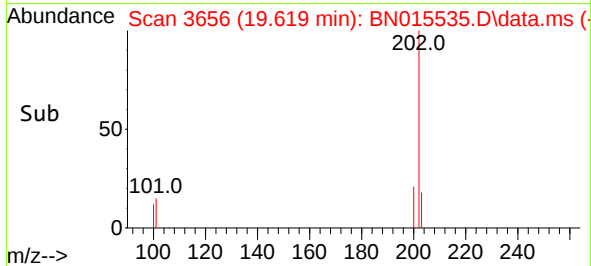
Instrument :
BNA_N
ClientSampleId :
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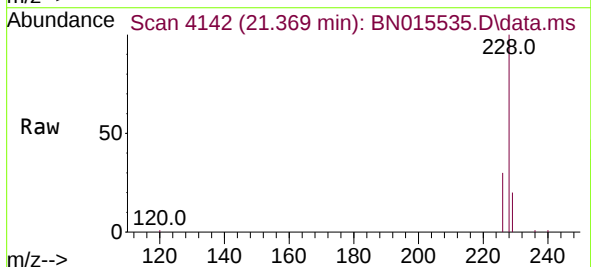
Tgt Ion:202 Resp: 114094
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.4 9.6 14.4

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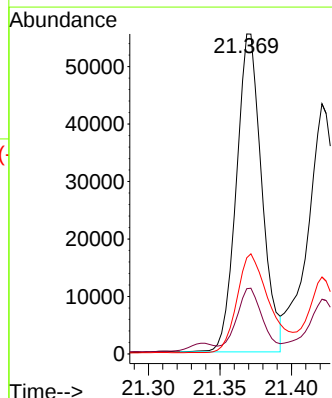
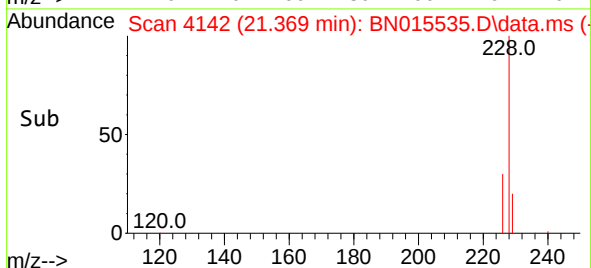
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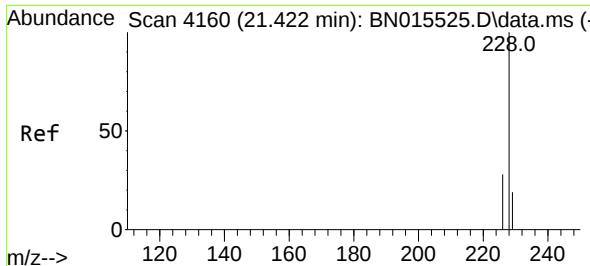


#21
Benzo(a)anthracene
Concen: 1.97 ng/ul
RT: 21.369 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

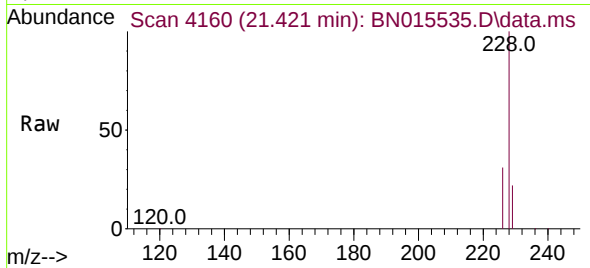


Tgt Ion:228 Resp: 68600
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 30.1 21.8 32.8

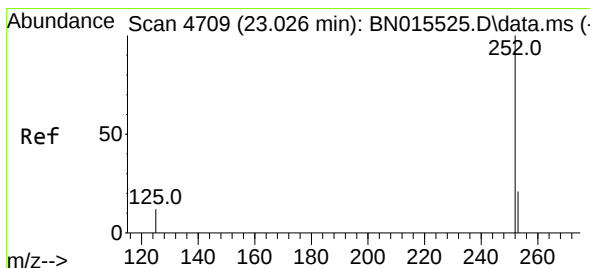
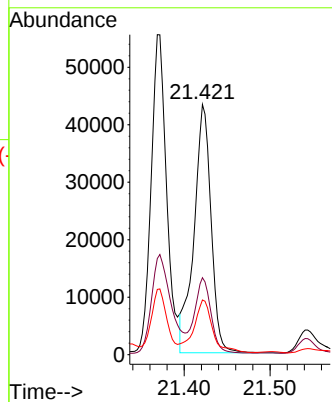
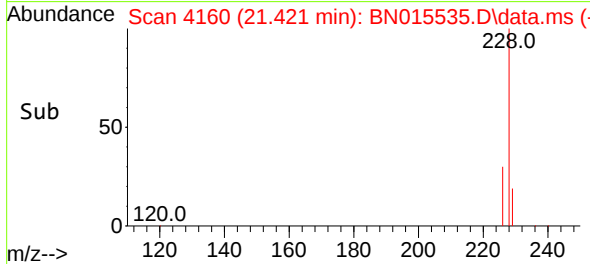




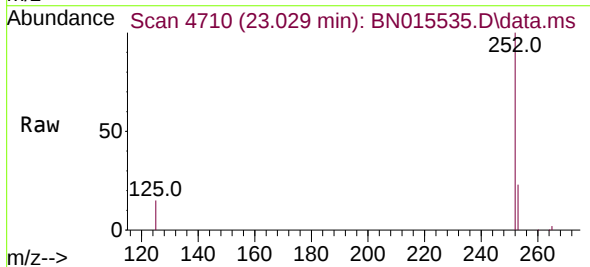
#22
Chrysene
Concen: 1.43 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



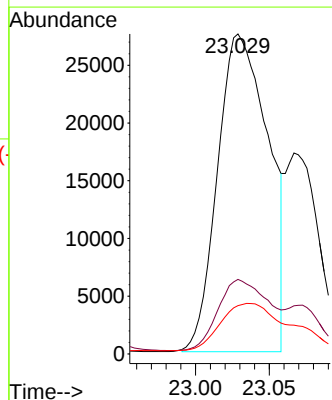
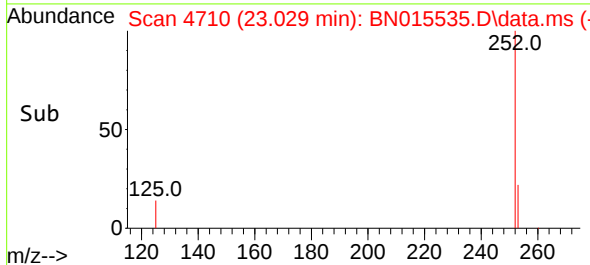
Tgt Ion:228 Resp: 59619
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.9 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.61 ng/ul m
RT: 23.029 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



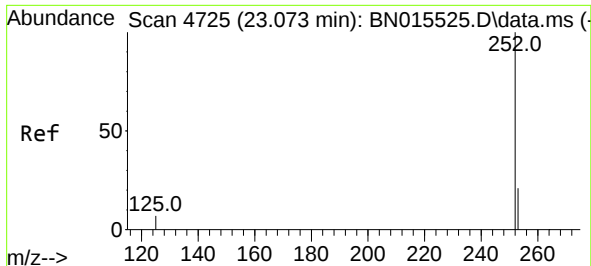
Tgt Ion:252 Resp: 65827
Ion Ratio Lower Upper
252 100
253 23.3 0.0 45.6
125 15.1 0.0 28.4



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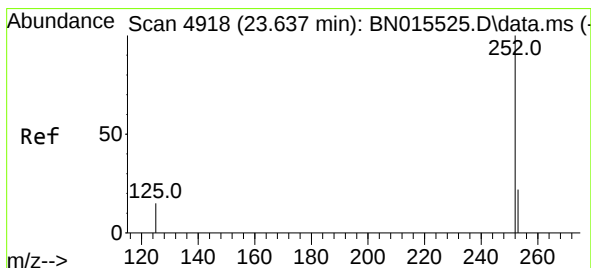
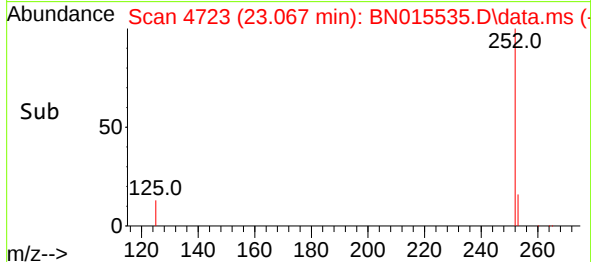
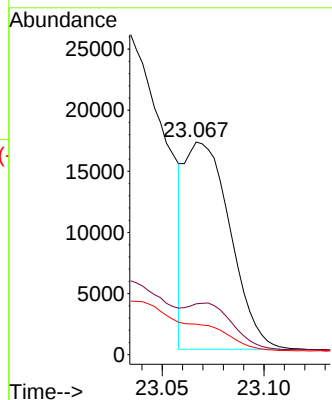
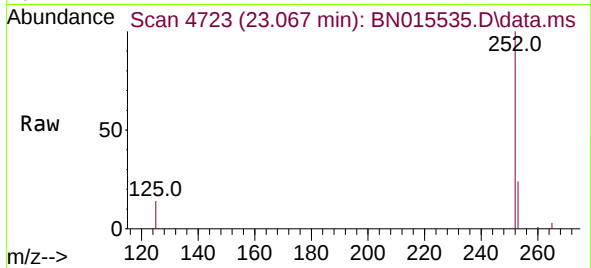
#25
Benzo(k)fluoranthene
Concen: 0.57 ng/ul m
RT: 23.067 min Scan# 4723
Delta R.T. -0.012 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

Tgt Ion:252	Resp:	26403
Ion Ratio	Lower	Upper
252	100	
253	24.0	18.1 27.1
125	14.3	11.5 17.3

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BNA_N
ClientSampleId :
BGDP7DL

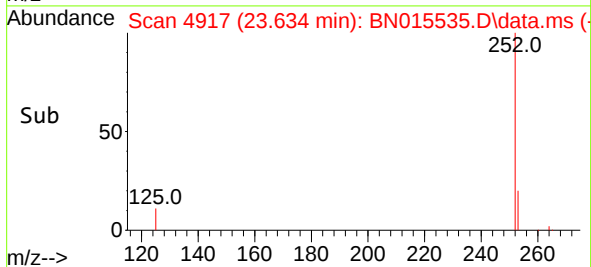
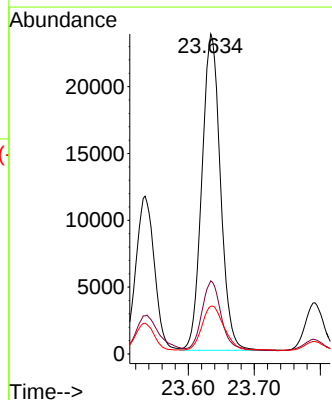
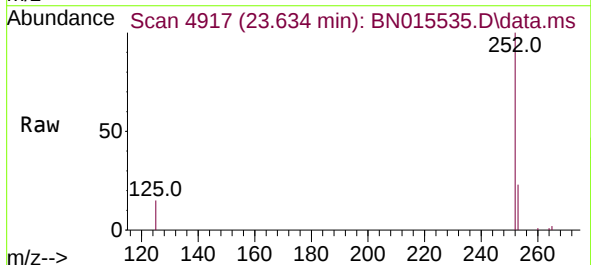
Manual Integrations
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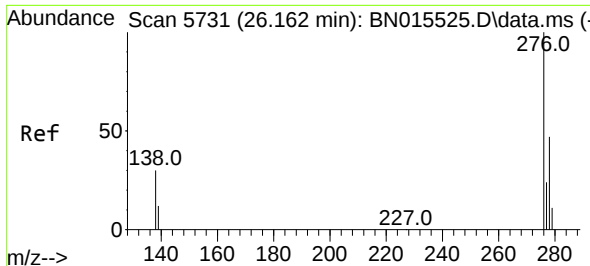
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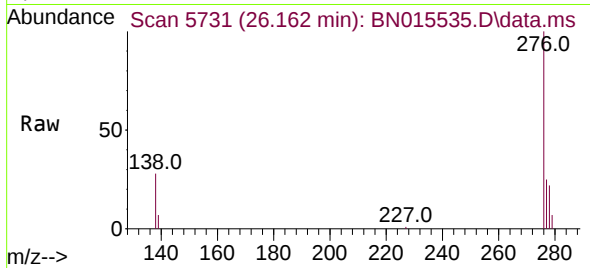
#26
Benzo(a)pyrene
Concen: 1.35 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04

Tgt Ion:252	Resp:	46395
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.9 28.3
125	14.9	13.5 20.3

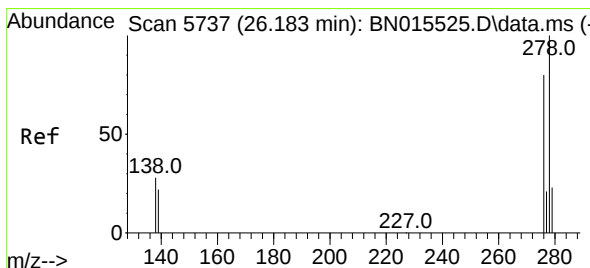
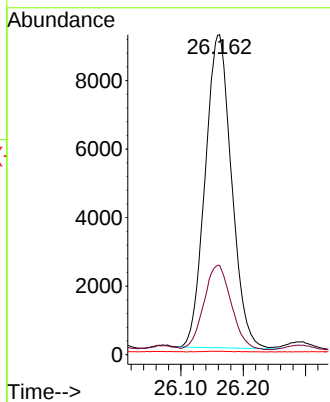
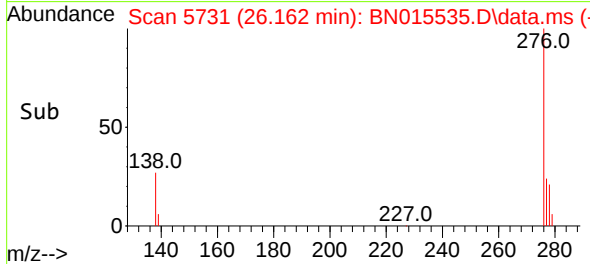




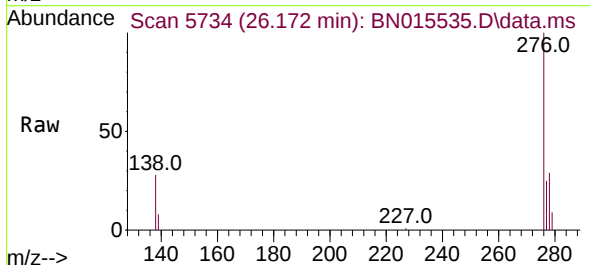
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng/ul
RT: 26.162 min Scan# 5731
Delta R.T. -0.007 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



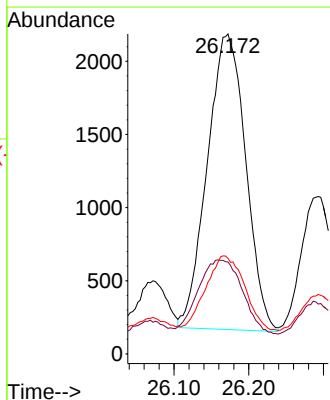
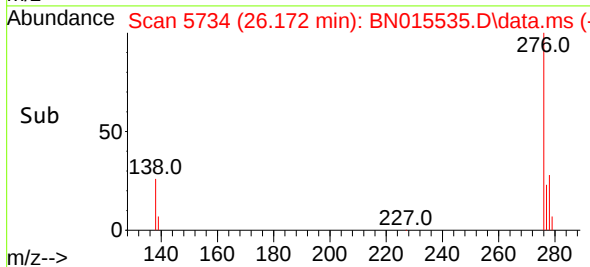
Tgt Ion: 276 Resp: 26859
Ion Ratio Lower Upper
276 100
138 28.2 26.3 39.5
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.22 ng/ul
RT: 26.172 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



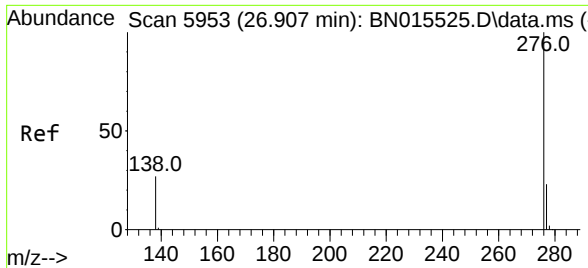
Tgt Ion: 278 Resp: 7224
Ion Ratio Lower Upper
278 100
139 28.7 18.9 28.3#
279 29.9 20.8 31.2



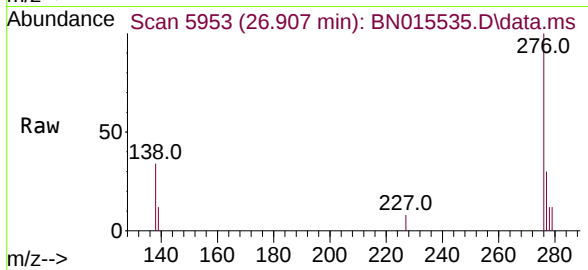
Instrument :
BNA_N
ClientSampleId :
BGDP7DL

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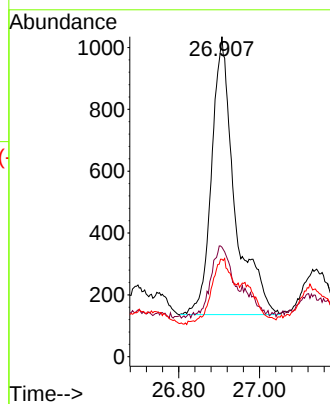
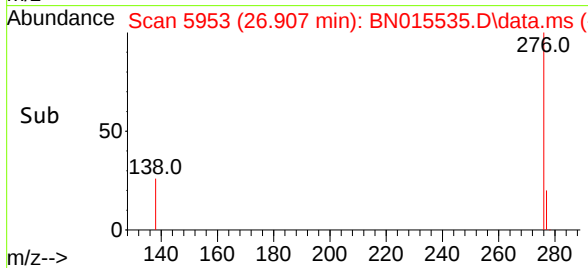
mohammad
7/14/2021 12:14:37 PM



#29
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.907 min Scan# 5953
Delta R.T. -0.004 min
Lab File: BN015535.D
Acq: 13 Jul 2021 19:04



Tgt Ion: 276 Resp: 3577
Ion Ratio Lower Upper
276 100
138 34.2 23.0 34.4
277 30.4 19.3 28.9#



Instrument :
BNA_N
ClientSampleId :
BGDP7DL

Manual Integrations
APPROVED

mohammad
7/14/2021 12:14:37 PM