

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015492.D
 Acq On : 12 Jul 2021 16:31
 Operator : CG/JU
 Sample : M2808-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS7DL

Manual Integrations
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Quant Time: Jul 12 17:01:39 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	3294	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	11582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	8284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	20603	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	17698	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	15970	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1299	0.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	527	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1854	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	1906	0.052	ng/ul#	91
10) Acenaphthylene	14.164	152	7307	0.171	ng/ul	99
11) Acenaphthene	14.506	153	1183	0.036	ng/ul	95
12) Fluorene	15.496	166	2192	0.060	ng/ul#	96
15) Phenanthrene	17.233	178	47441	0.634	ng/ul	100
16) Anthracene	17.326	178	16248	0.246	ng/ul	100
19) Fluoranthene	19.257	202	158320	1.936	ng/ul	99
20) Pyrene	19.620	202	121797	1.485	ng/ul	100
21) Benzo(a)anthracene	21.375	228	80179	1.223	ng/ul	96
22) Chrysene	21.427	228	66486	0.847	ng/ul	98
24) Benzo(b)fluoranthene	23.035	252	76794m	1.029	ng/ul	
25) Benzo(k)fluoranthene	23.073	252	34946m	0.415	ng/ul	
26) Benzo(a)pyrene	23.640	252	46860	0.748	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.169	276	30743	0.406	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.179	278	8847	0.149	ng/ul#	90
29) Benzo(g,h,i)perylene	26.910	276	2978	0.042	ng/ul#	82

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

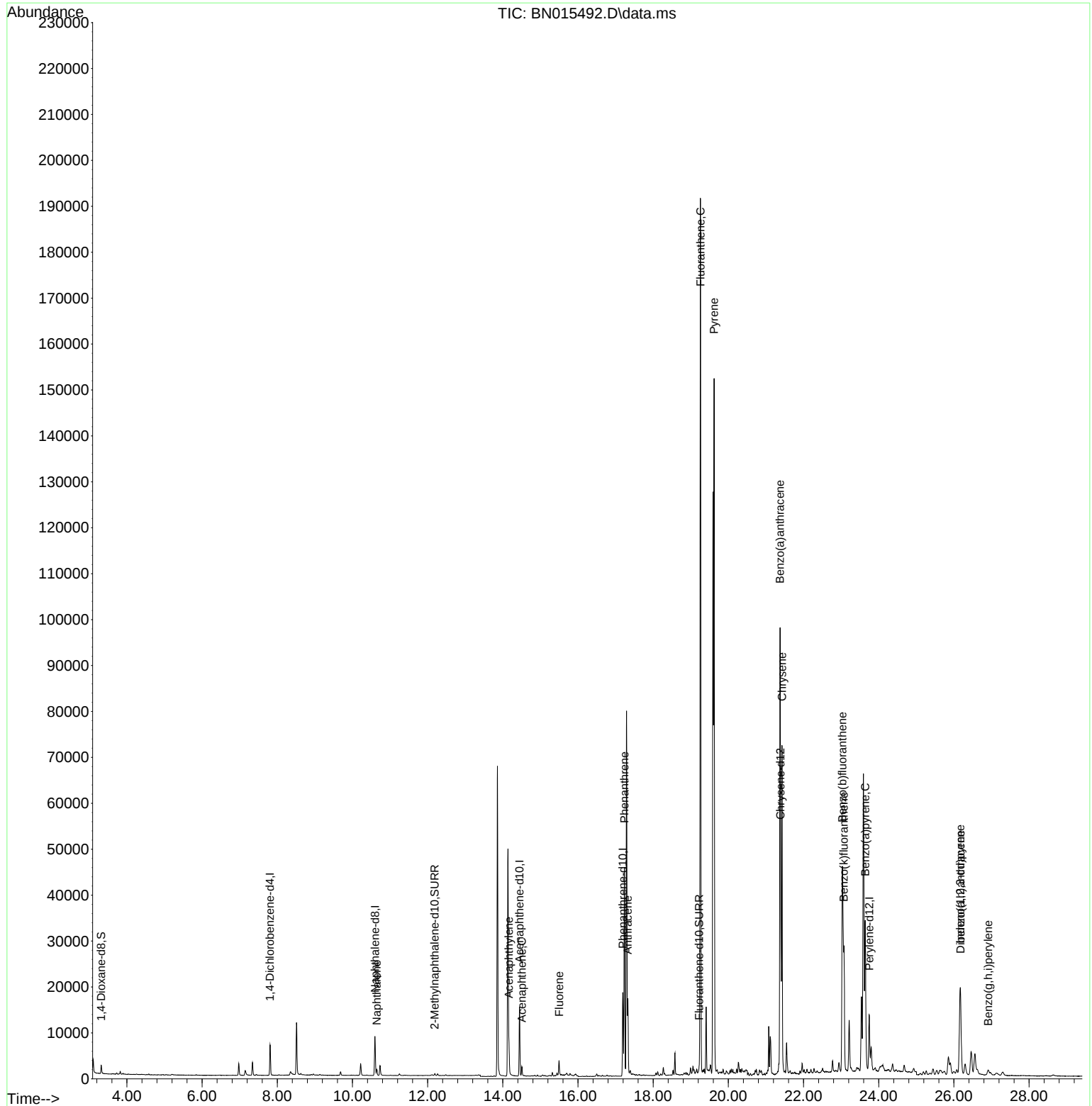
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Data File : BN015492.D
Acq On : 12 Jul 2021 16:31
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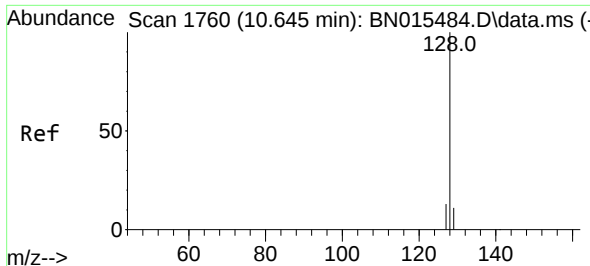
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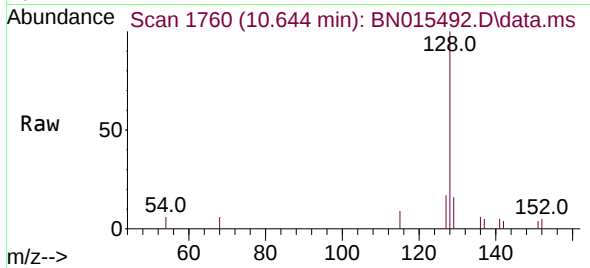
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Quant Time: Jul 12 17:01:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 15:47:53 2021
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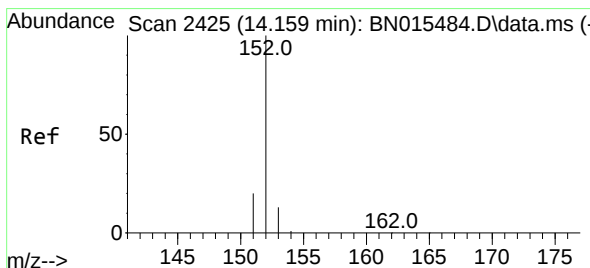
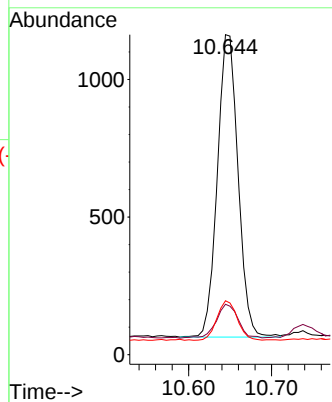
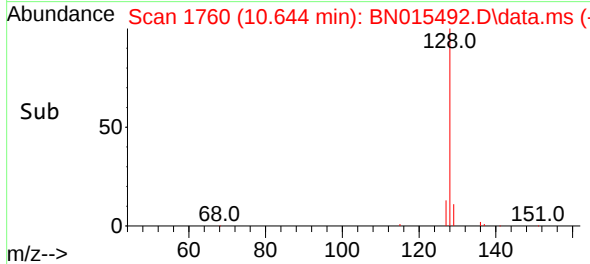




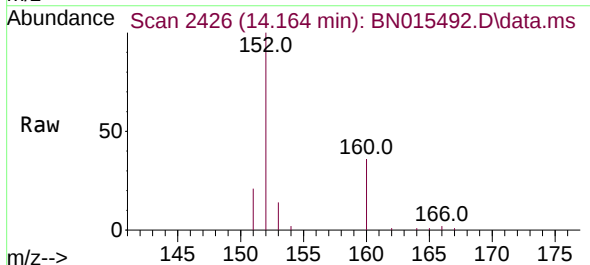
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



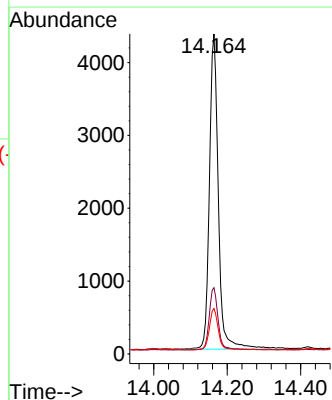
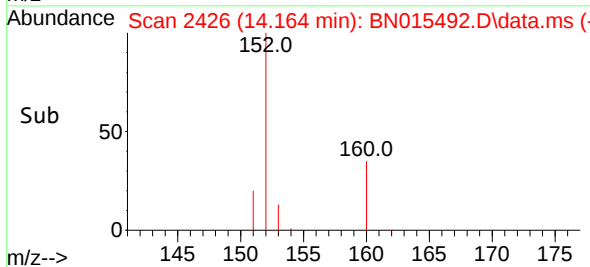
Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.3	13.9#
127	16.9	10.8	16.2#



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



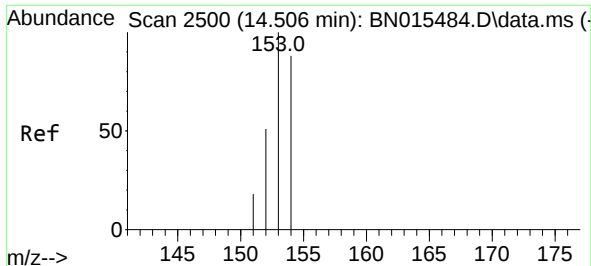
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.0	24.0
153	14.2	10.9	16.3



Instrument :
BNA_N
ClientSampleId :
BGDS7DL

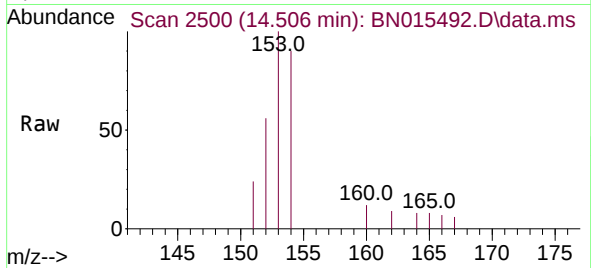
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#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

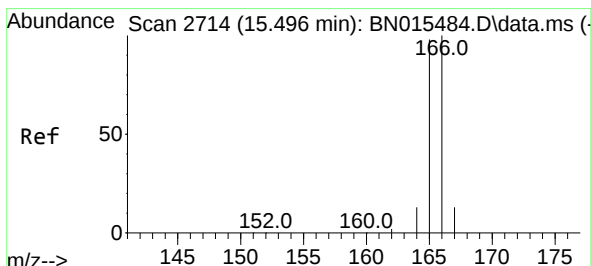
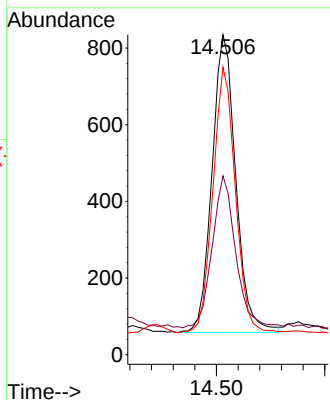
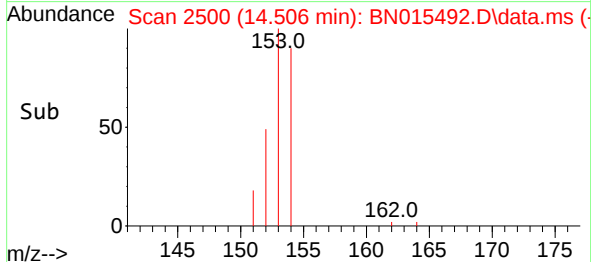
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BNA_N
ClientSampled :
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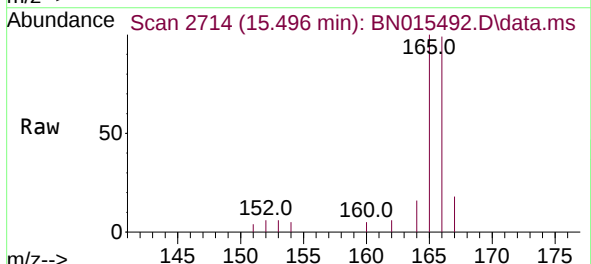
Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.9	39.8	59.6
154	89.8	69.8	104.8

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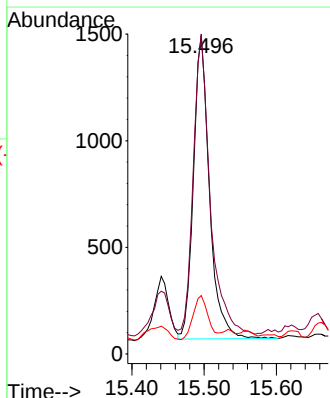
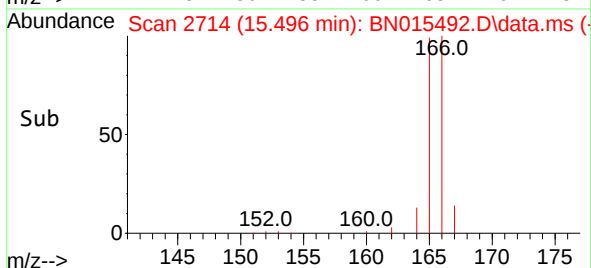
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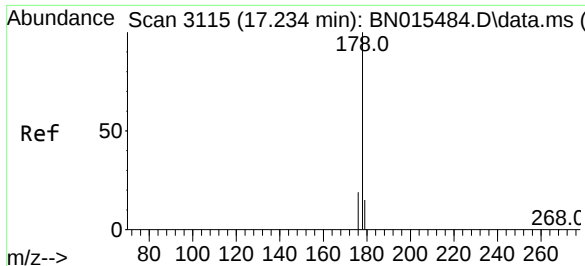


#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



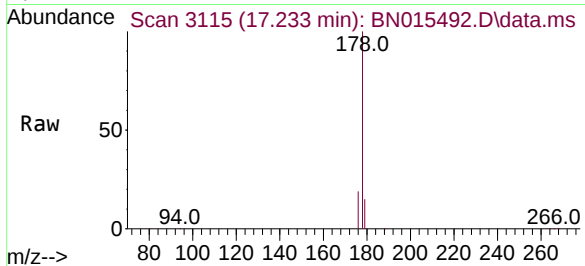
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8
167	18.4	11.2	16.8





#15
Phenanthrene
Concen: 0.634 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

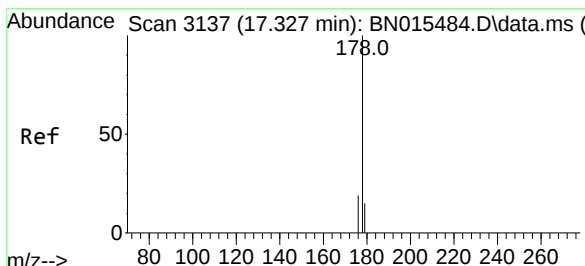
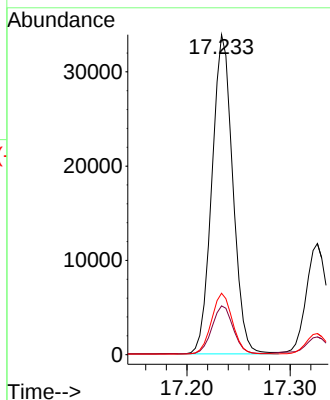
Instrument :
BNA_N
ClientSampled :
BGDS7DL



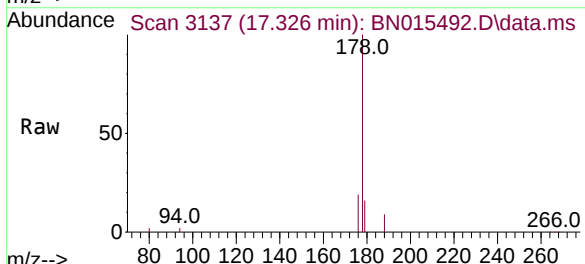
Tgt Ion:178 Resp: 47441
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.5 23.3

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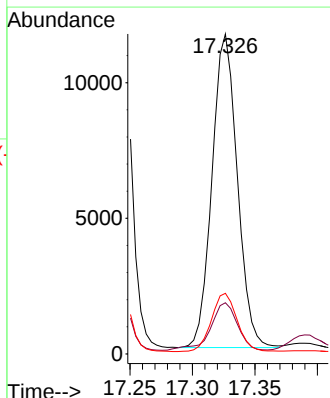
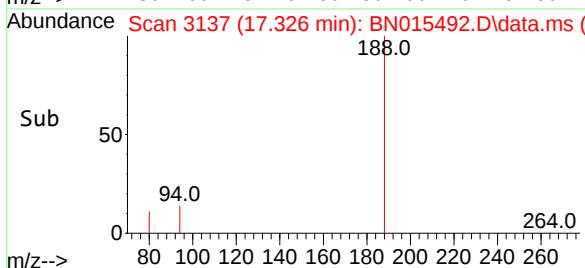
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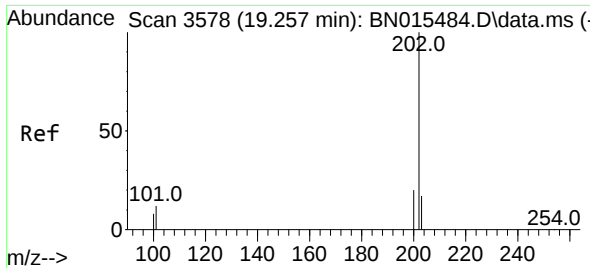


#16
Anthracene
Concen: 0.246 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



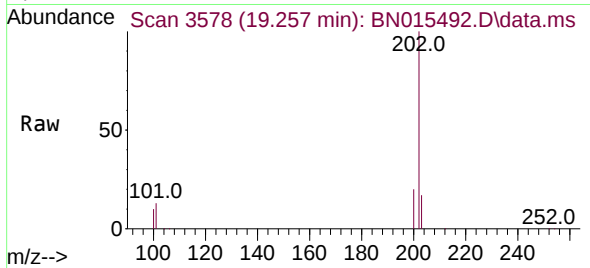
Tgt Ion:178 Resp: 16248
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 18.9 15.2 22.8





#19
Fluoranthene
Concen: 1.936 ng/ul
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

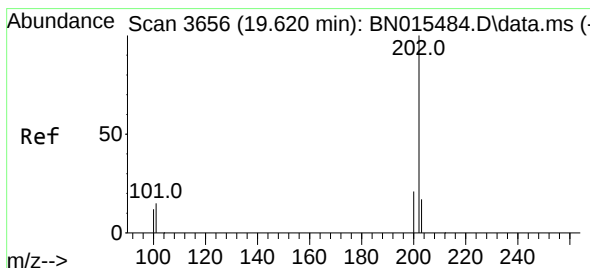
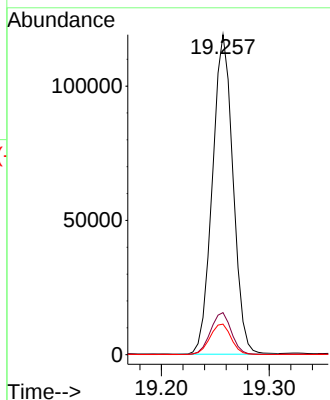
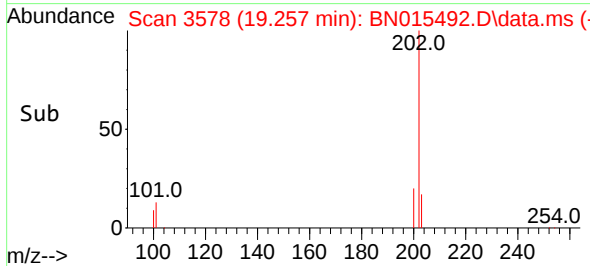
Instrument :
BNA_N
ClientSampleId :
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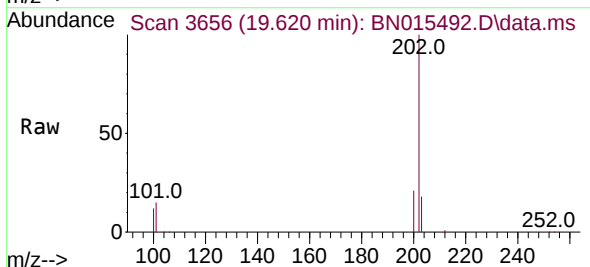
Tgt Ion:202 Resp: 158320
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.5 7.4 11.0

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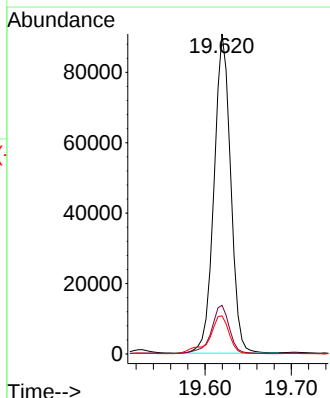
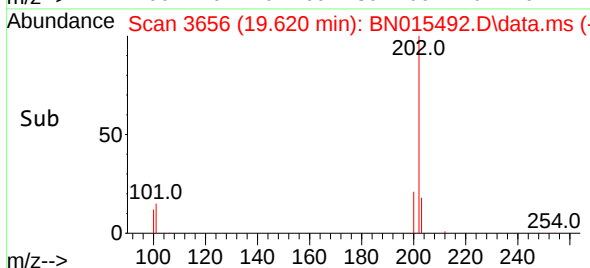
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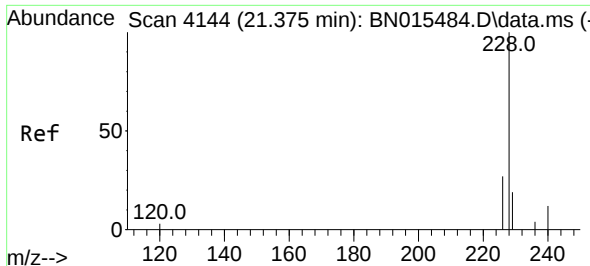


#20
Pyrene
Concen: 1.485 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



Tgt Ion:202 Resp: 121797
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 11.9 9.6 14.4





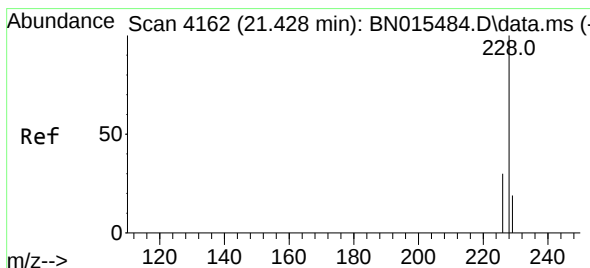
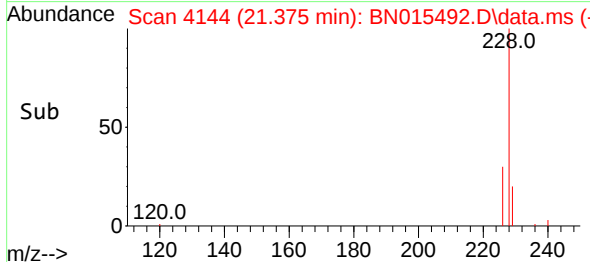
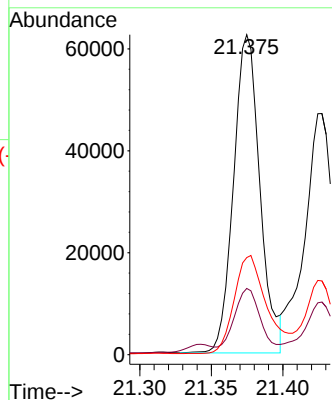
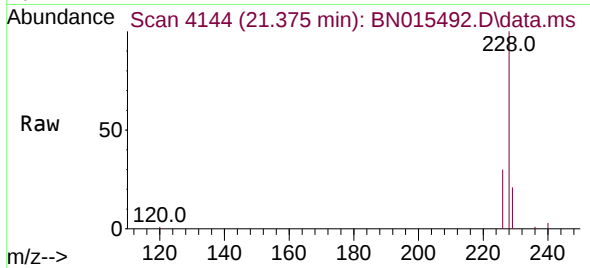
#21
Benzo(a)anthracene
Concen: 1.223 ng/ul
RT: 21.375 min Scan# 4144
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

Tgt Ion:228 Resp: 80179
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 30.3 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDS7DL

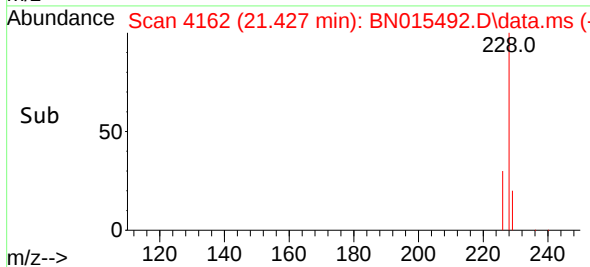
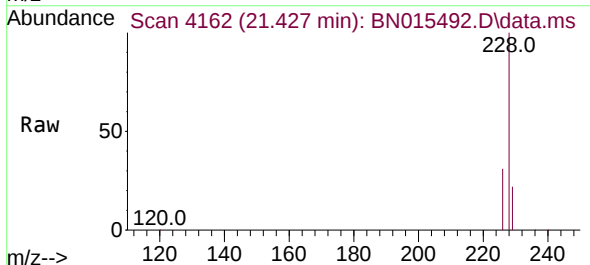
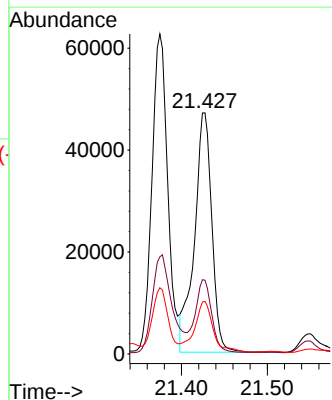
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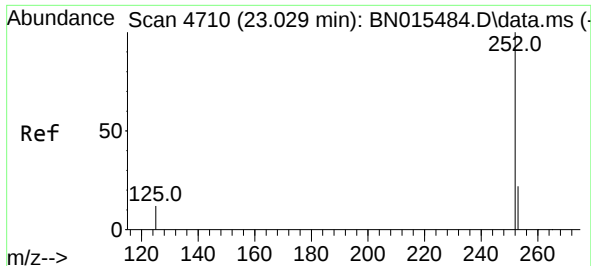
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#22
Chrysene
Concen: 0.847 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

Tgt Ion:228 Resp: 66486
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.8 15.7 23.5





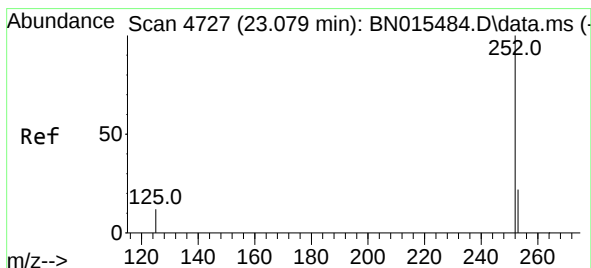
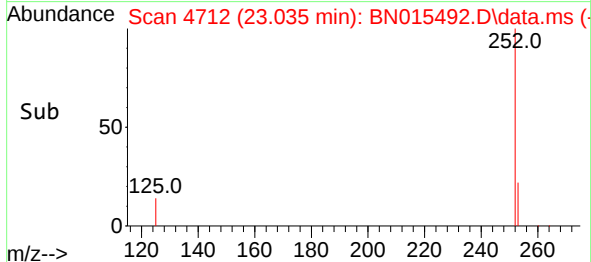
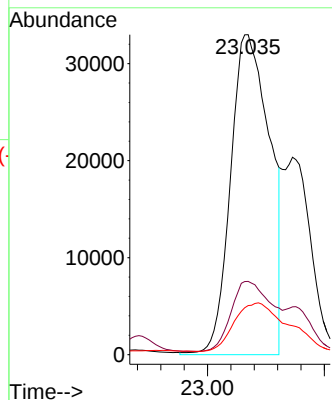
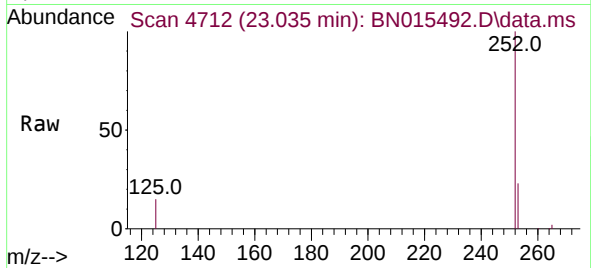
#24
Benzo(b)fluoranthene
Concen: 1.029 ng/ul m
RT: 23.035 min Scan# 4712
Delta R.T. 0.006 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

Tgt Ion:252 Resp: 76794
Ion Ratio Lower Upper
252 100
253 22.9 0.0 45.6
125 15.4 0.0 28.4

Instrument :
BNA_N
ClientSampled :
BGDS7DL

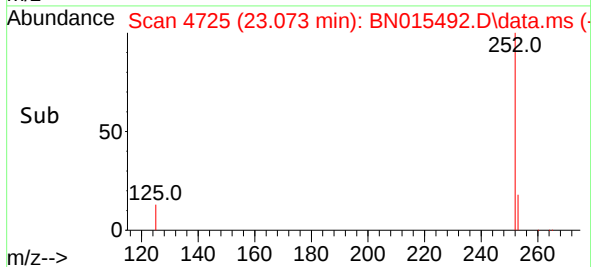
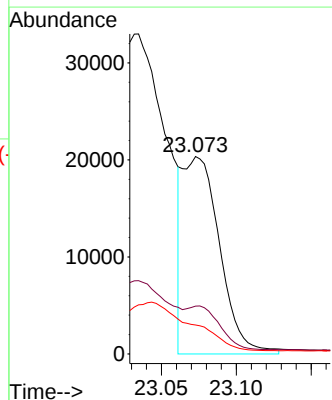
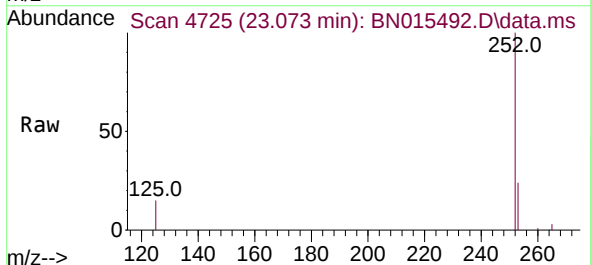
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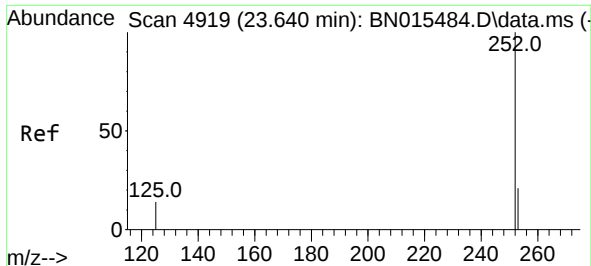
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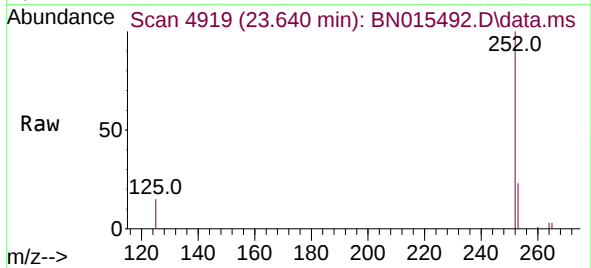
#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.073 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

Tgt Ion:252 Resp: 34946
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 14.7 11.5 17.3

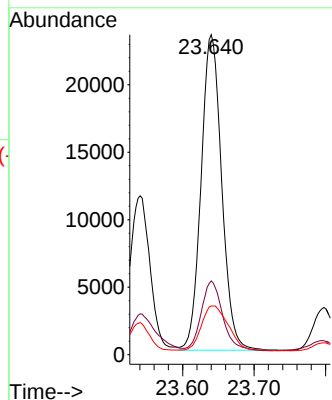
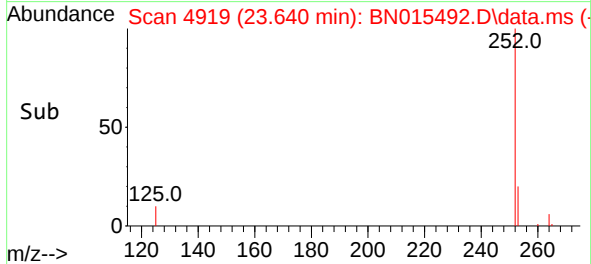




#26
Benzo(a)pyrene
Concen: 0.748 ng/ul
RT: 23.640 min Scan# 4919
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



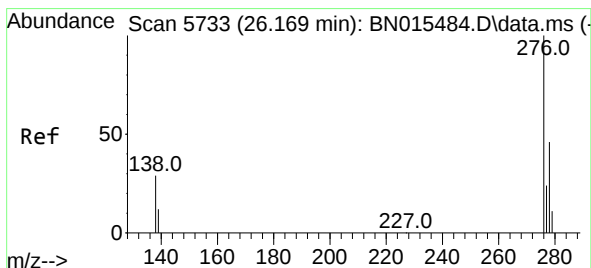
Tgt Ion:252 Resp: 46860
Ion Ratio Lower Upper
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253 23.1 18.9 28.3
125 15.2 13.5 20.3



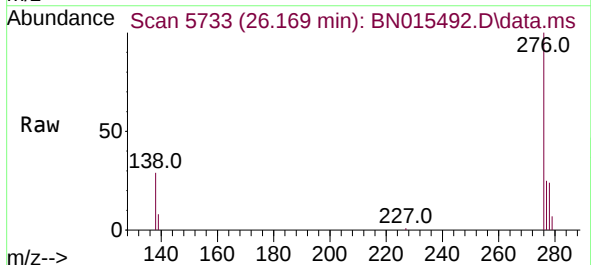
Instrument :
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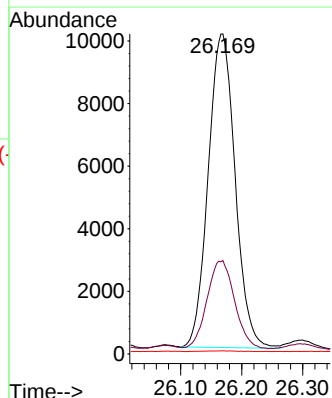
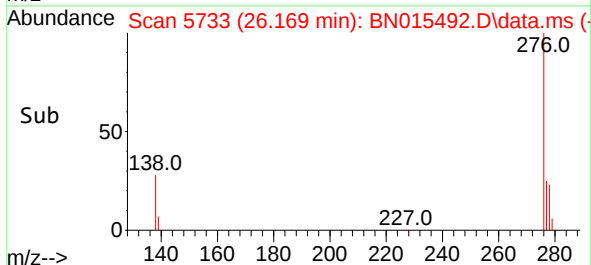
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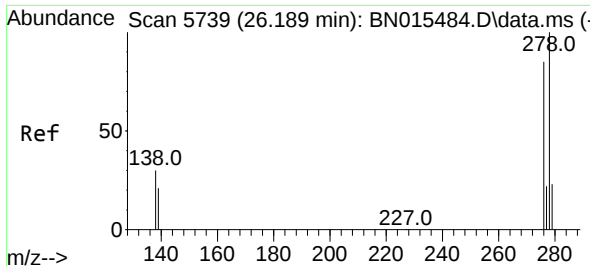


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.169 min Scan# 5733
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31

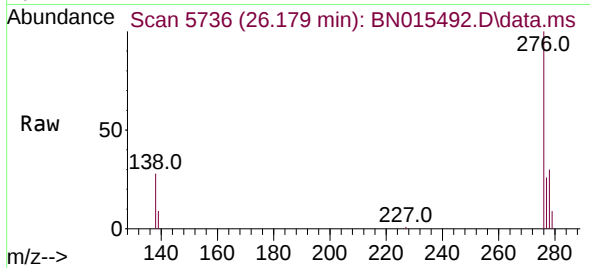


Tgt Ion:276 Resp: 30743
Ion Ratio Lower Upper
276 100
138 28.8 26.3 39.5
227 0.1 0.1 0.1#

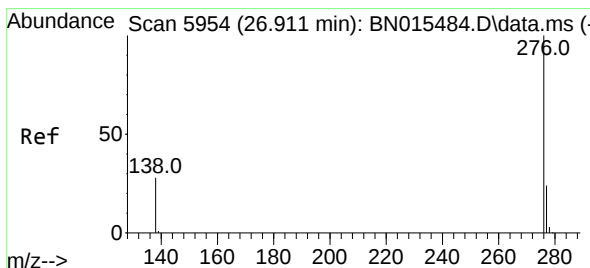
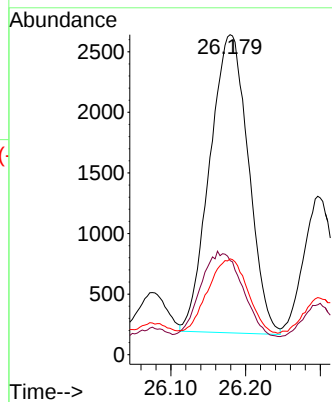
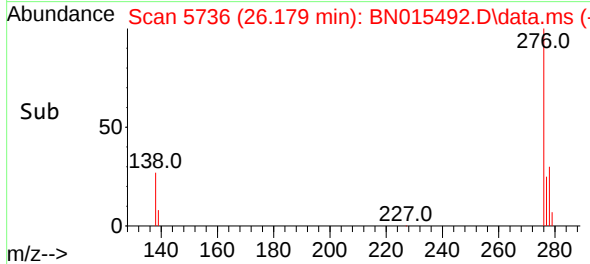




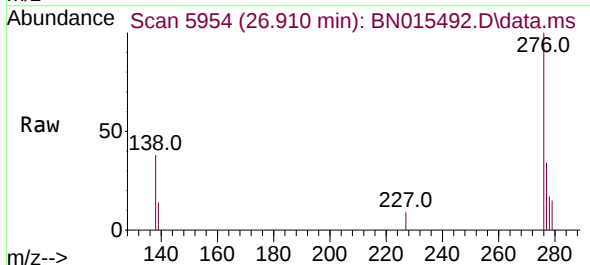
#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.179 min Scan# 5736
Delta R.T. -0.010 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



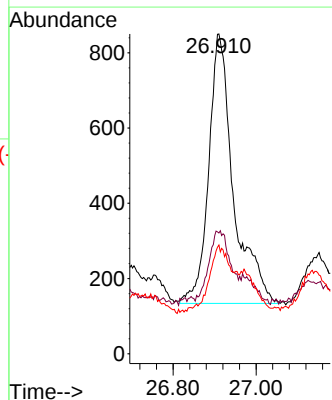
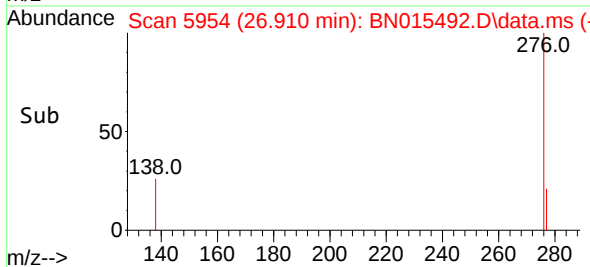
Tgt Ion: 278 Resp: 8847
Ion Ratio Lower Upper
278 100
139 29.4 18.9 28.3#
279 30.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.910 min Scan# 5954
Delta R.T. -0.000 min
Lab File: BN015492.D
Acq: 12 Jul 2021 16:31



Tgt Ion: 276 Resp: 2978
Ion Ratio Lower Upper
276 100
138 37.8 23.0 34.4#
277 34.0 19.3 28.9#



Instrument :
BNA_N
ClientSampled :
BGDS7DL

Manual Integrations
APPROVED

mohammad
7/13/2021 1:43:59 PM