

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015419.D
 Acq On : 08 Jul 2021 21:39
 Operator : CG/JU
 Sample : M2825-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDQ0

Manual Integrations
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Quant Time: Jul 09 01:16:07 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	2543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	8704	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	4657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9410	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	7869	0.400	ng/ul	0.00
23) Perylene-d12	23.523	264	7206	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.277	96	6932	2.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	2888	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	6071	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	629	0.023	ng/ul#	72
10) Acenaphthylene	14.053	152	859	0.036	ng/ul#	82
12) Fluorene	15.390	166	524	0.026	ng/ul#	89
15) Phenanthrene	17.128	178	5176	0.152	ng/ul	97
16) Anthracene	17.217	178	1819	0.060	ng/ul#	91
19) Fluoranthene	19.150	202	12544	0.345	ng/ul	98
20) Pyrene	19.512	202	11407	0.313	ng/ul	98
21) Benzo(a)anthracene	21.266	228	5840	0.200	ng/ul	97
22) Chrysene	21.319	228	5449	0.156	ng/ul	97
24) Benzo(b)fluoranthene	22.853	252	6101m	0.181	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	2606m	0.069	ng/ul	
26) Benzo(a)pyrene	23.423	252	4243	0.150	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.766	276	2301	0.067	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.766	278	682	0.025	ng/ul#	48

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

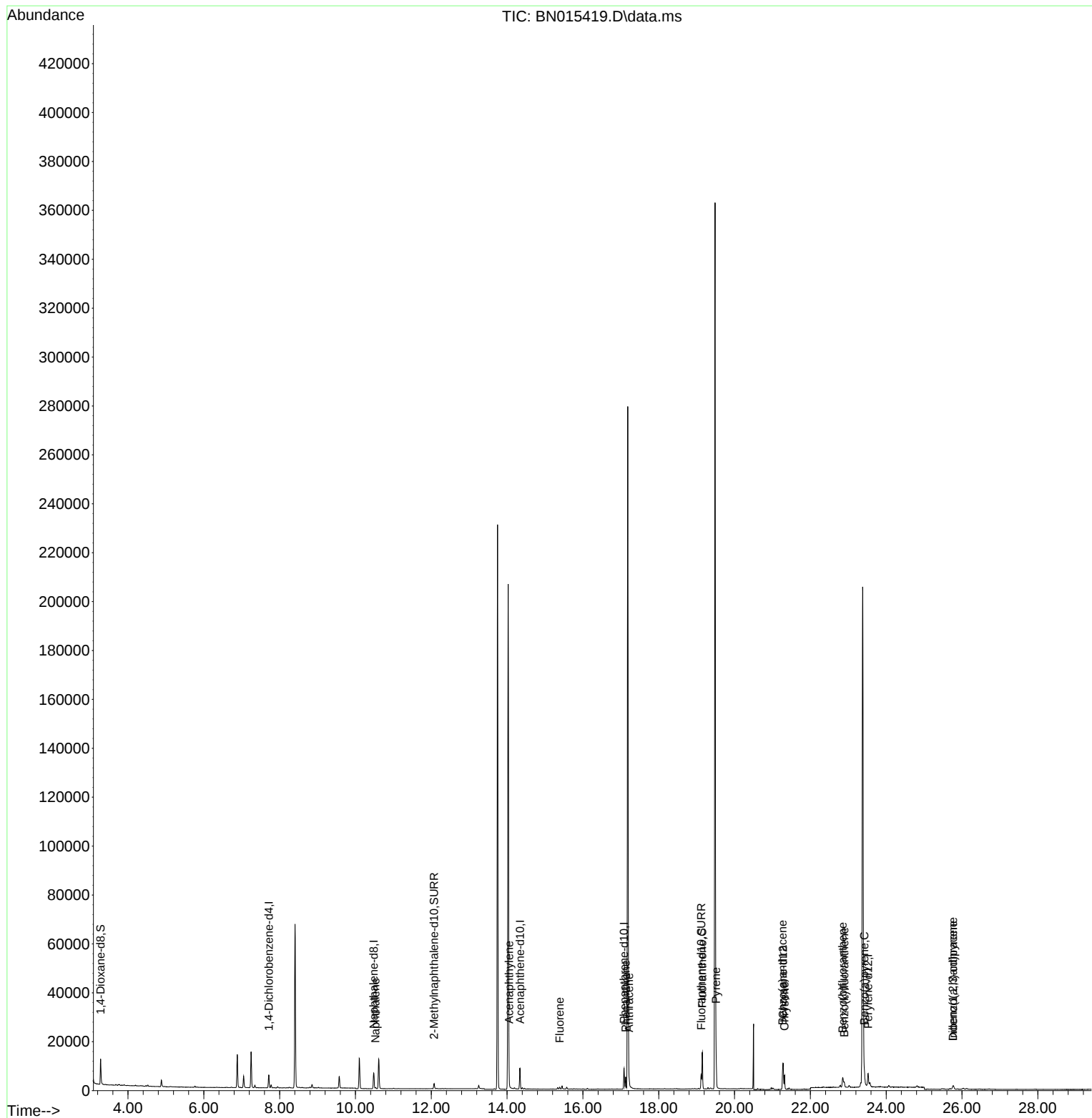
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Data File : BN015419.D
Acq On : 08 Jul 2021 21:39
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

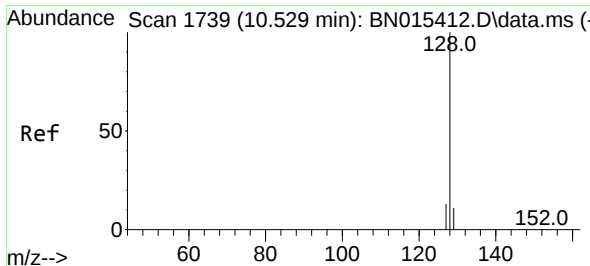
Instrument :
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ClientSampleId :
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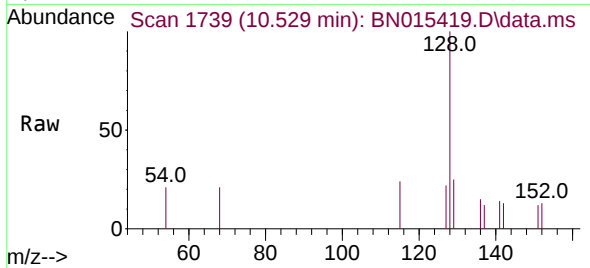
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Quant Time: Jul 09 01:16:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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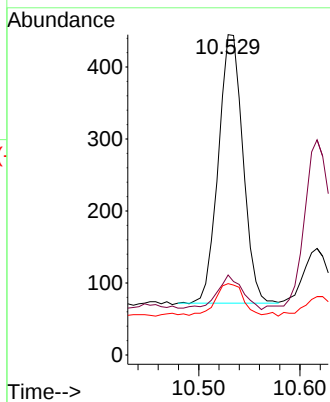
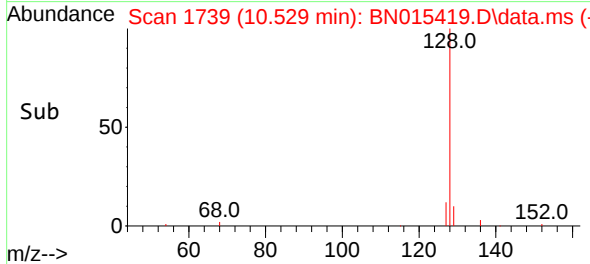




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



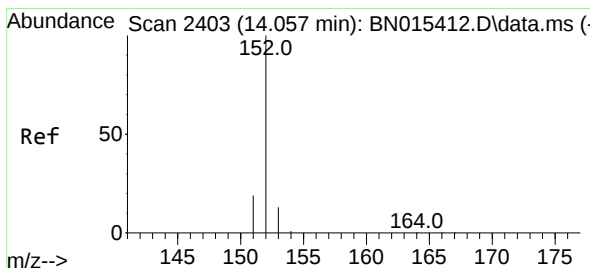
Tgt Ion:128 Resp: 629
Ion Ratio Lower Upper
128 100
129 24.9 9.3 13.9#
127 22.2 10.8 16.2#



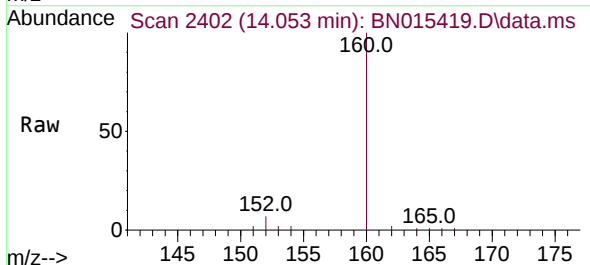
Instrument :
BNA_N
ClientSampleId :
BGDQ0

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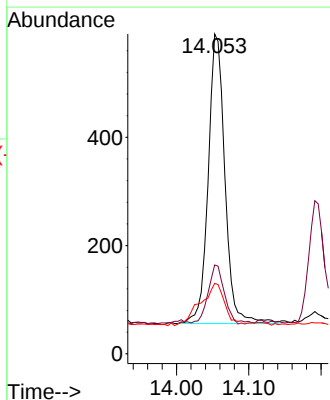
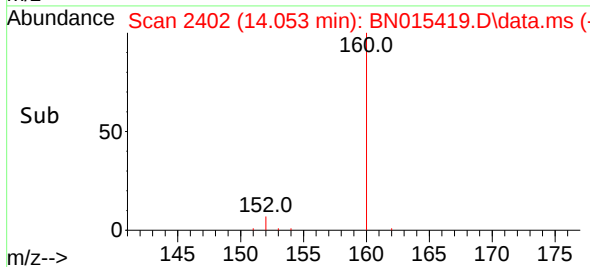
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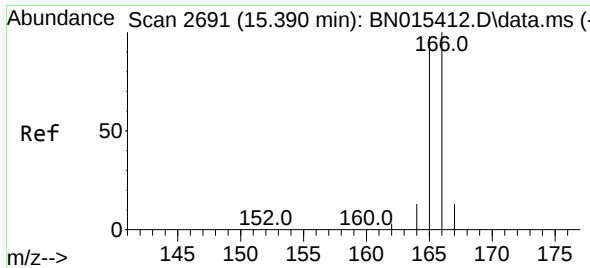


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



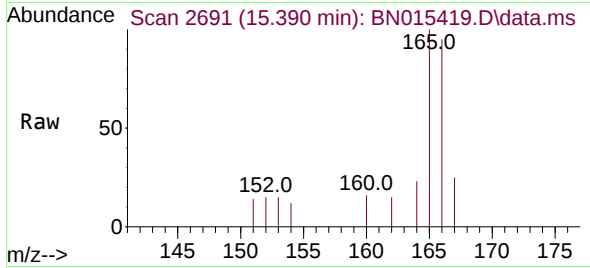
Tgt Ion:152 Resp: 859
Ion Ratio Lower Upper
152 100
151 27.7 16.0 24.0#
153 22.0 10.9 16.3#





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39

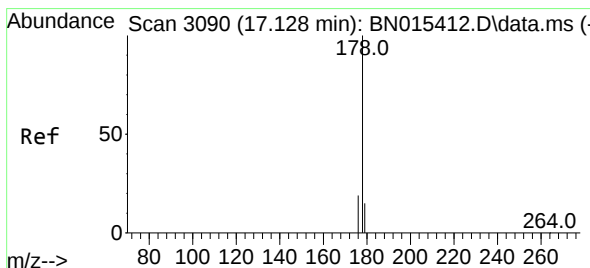
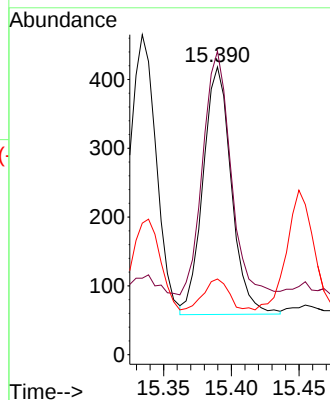
Instrument :
BNA_N
ClientSampled :
BGDQ0



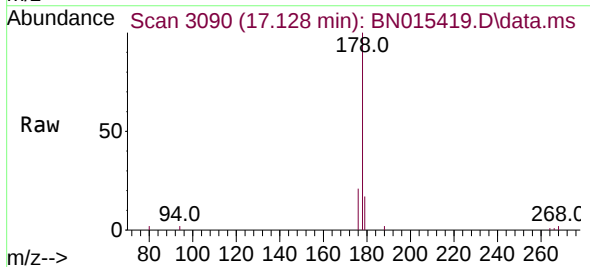
Tgt Ion:166 Resp: 524
Ion Ratio Lower Upper
166 100
165 105.5 77.8 116.8
167 26.3 11.2 16.8#

Manual Integrations
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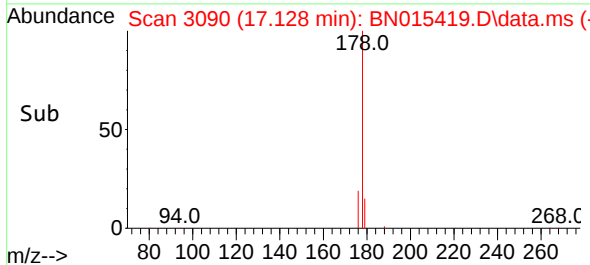
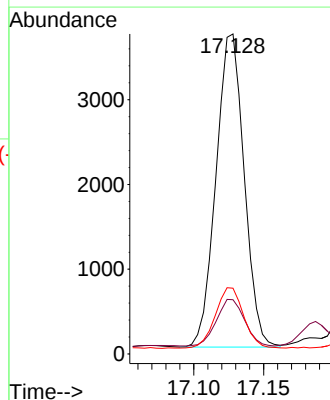
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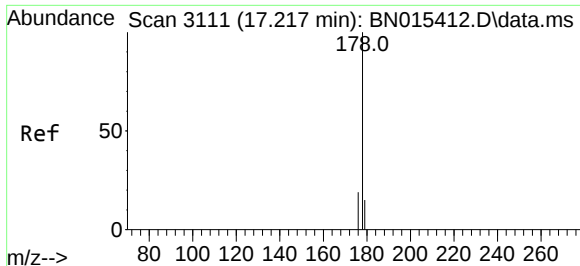


#15
Phenanthrene
Concen: 0.152 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39

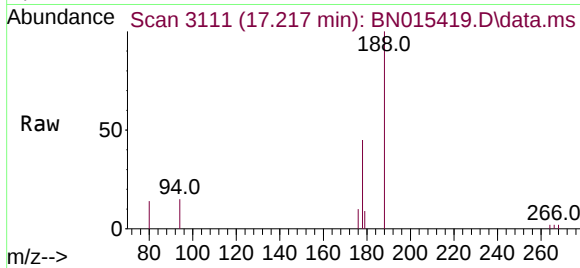


Tgt Ion:178 Resp: 5176
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 20.6 15.5 23.3

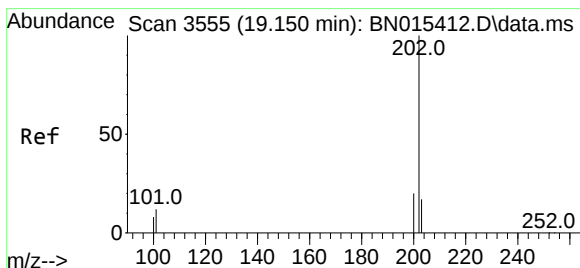
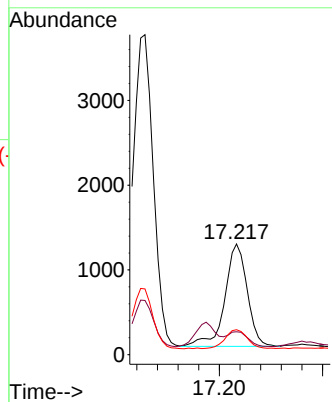
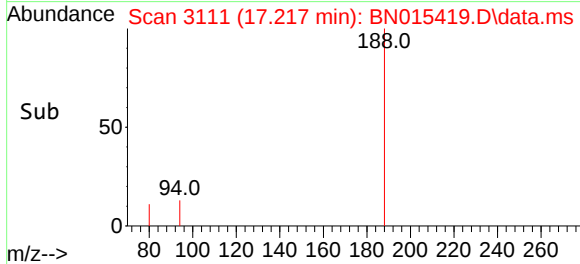




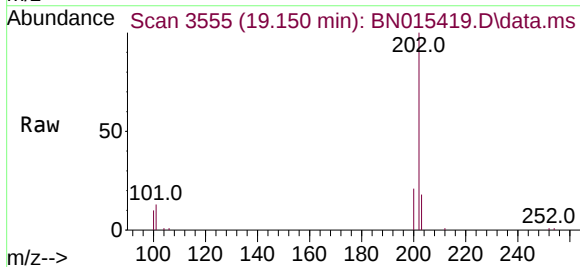
#16
 Anthracene
 Concen: 0.060 ng/ul
 RT: 17.217 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN015419.D
 Acq: 08 Jul 2021 21:39



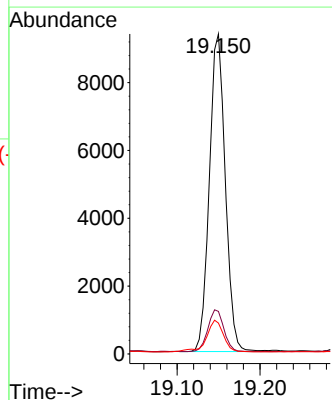
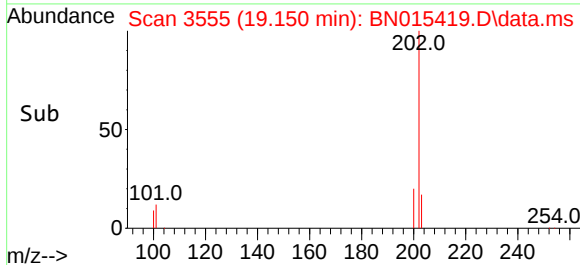
Tgt Ion:178 Resp: 1819
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.8 19.2#
 176 22.6 15.2 22.8



#19
 Fluoranthene
 Concen: 0.345 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. 0.000 min
 Lab File: BN015419.D
 Acq: 08 Jul 2021 21:39



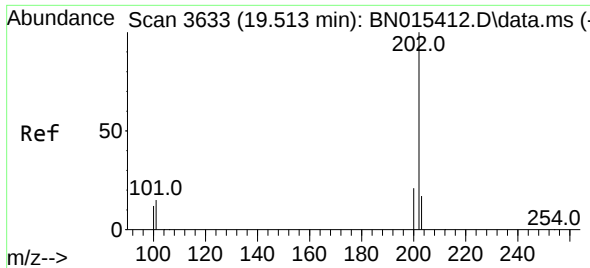
Tgt Ion:202 Resp: 12544
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.1 15.1
 100 9.6 7.4 11.0



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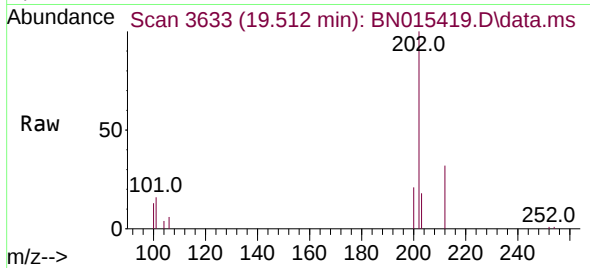
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#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39

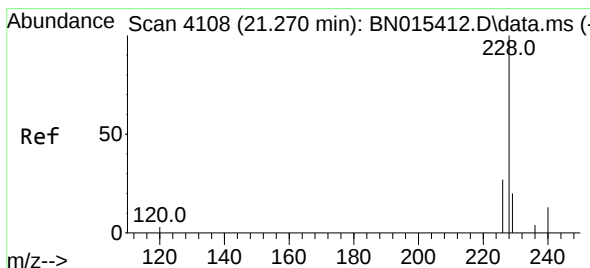
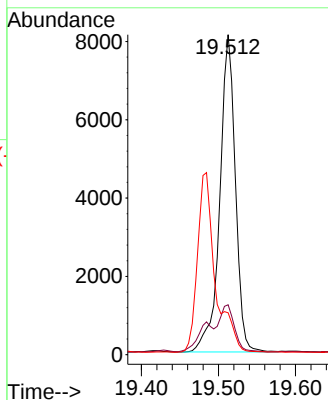
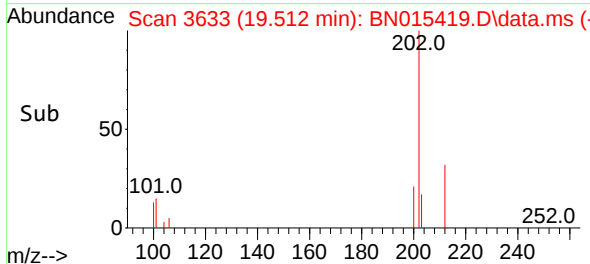
Instrument :
BNA_N
ClientSampleId :
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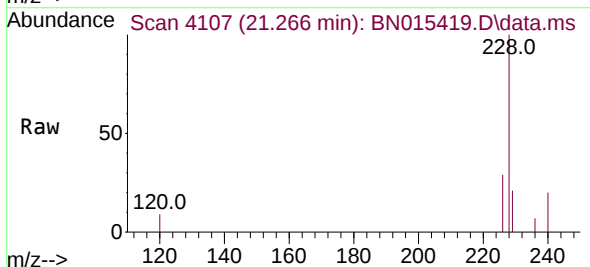
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.0	18.0
100	13.1	9.6	14.4

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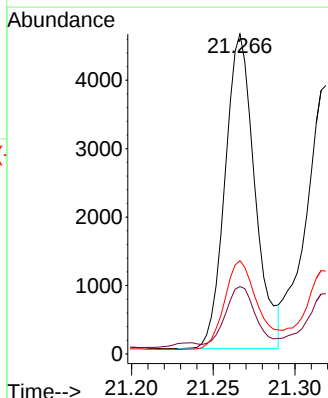
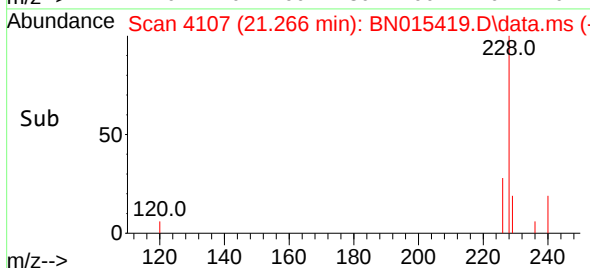
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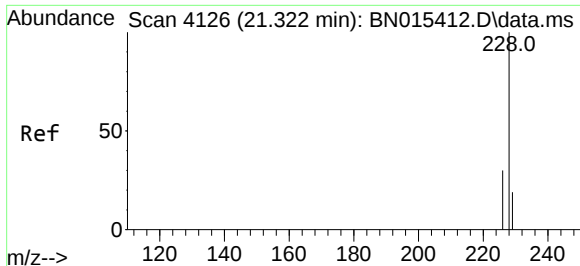


#21
Benzo(a)anthracene
Concen: 0.200 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39

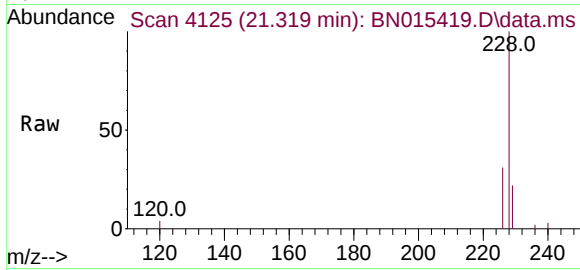


Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	29.2	21.8	32.8

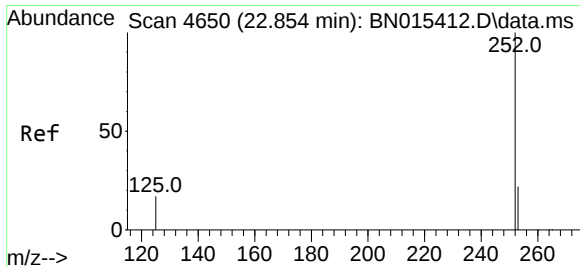
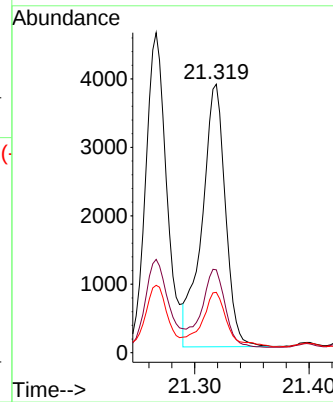
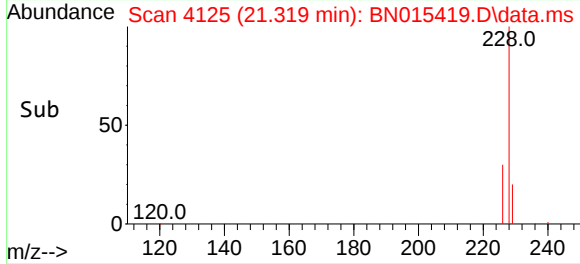




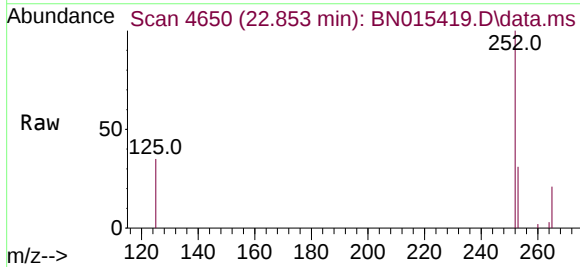
#22
Chrysene
Concen: 0.156 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



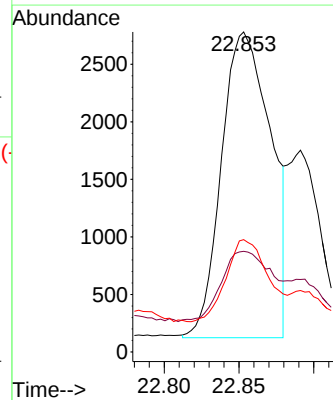
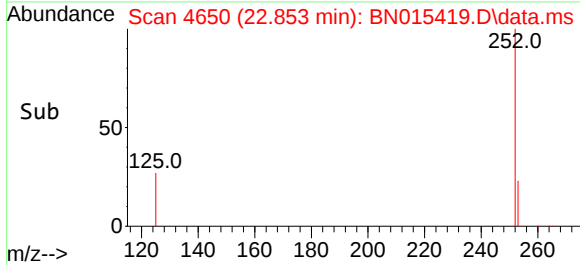
Tgt Ion:228 Resp: 5449
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.5 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



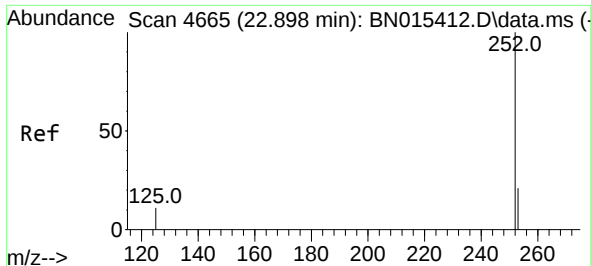
Tgt Ion:252 Resp: 6101
Ion Ratio Lower Upper
252 100
253 31.5 0.0 45.6
125 35.1 0.0 28.4#



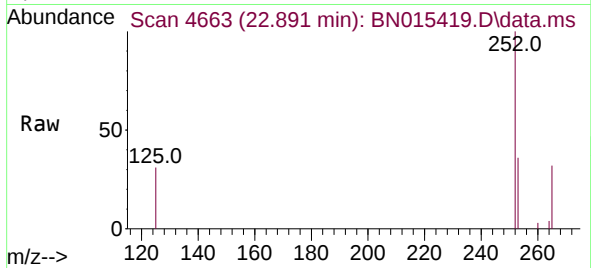
Instrument :
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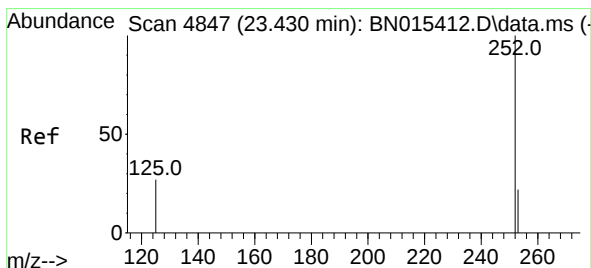
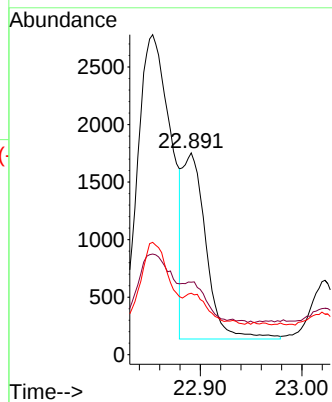
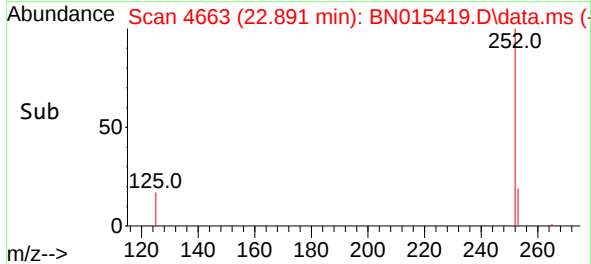
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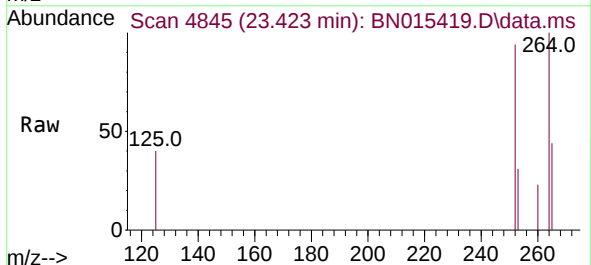
#25
Benzo(k)fluoranthene
Concen: 0.069 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



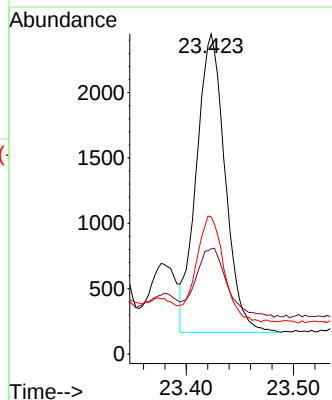
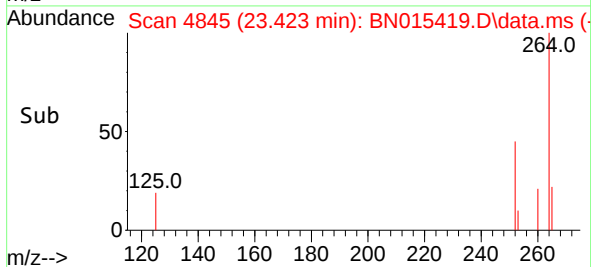
Tgt Ion:252 Resp: 2606
Ion Ratio Lower Upper
252 100
253 35.9 18.1 27.1#
125 30.5 11.5 17.3#



#26
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39



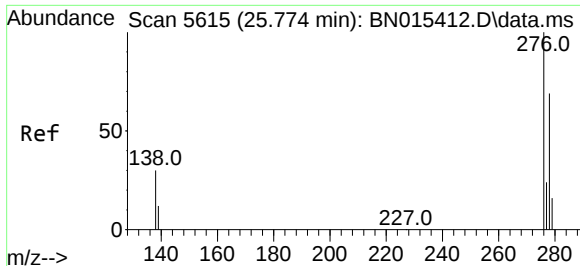
Tgt Ion:252 Resp: 4243
Ion Ratio Lower Upper
252 100
253 32.8 18.9 28.3#
125 42.8 13.5 20.3#



Instrument :
BNA_N
ClientSampleId :
BGDQ0

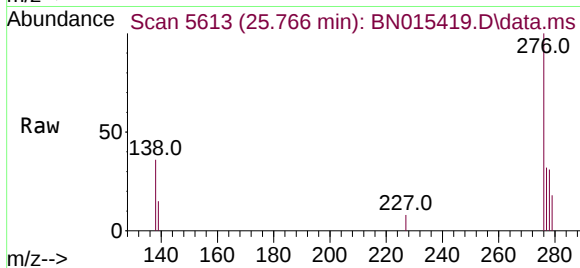
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.067 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015419.D
Acq: 08 Jul 2021 21:39

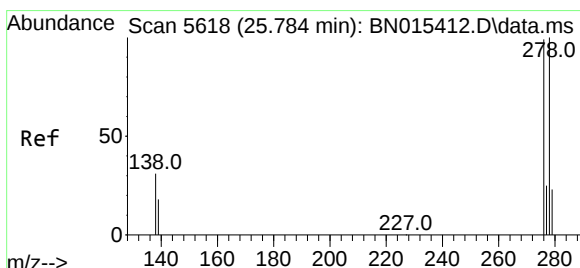
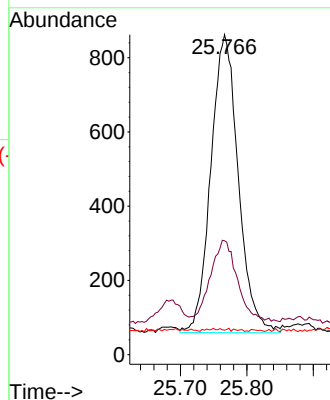
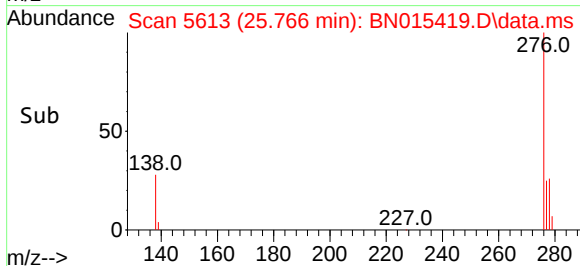
Instrument :
BNA_N
ClientSampleId :
BGDQ0



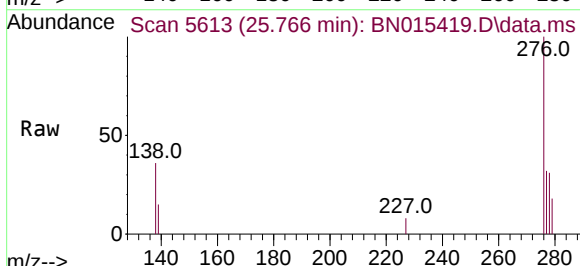
Tgt Ion:276 Resp: 2301
Ion Ratio Lower Upper
276 100
138 26.9 26.3 39.5
227 0.1 0.1 0.1#

Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.023 min
Lab File: BN015419.D
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Tgt Ion:278 Resp: 682
Ion Ratio Lower Upper
278 100
139 46.1 18.9 28.3#
279 55.7 20.8 31.2#

