

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023383.D
 Acq On : 23 Dec 2022 22:05
 Operator : CG/JU
 Sample : N6008-18DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY0DL

Quant Time: Dec 23 22:45:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

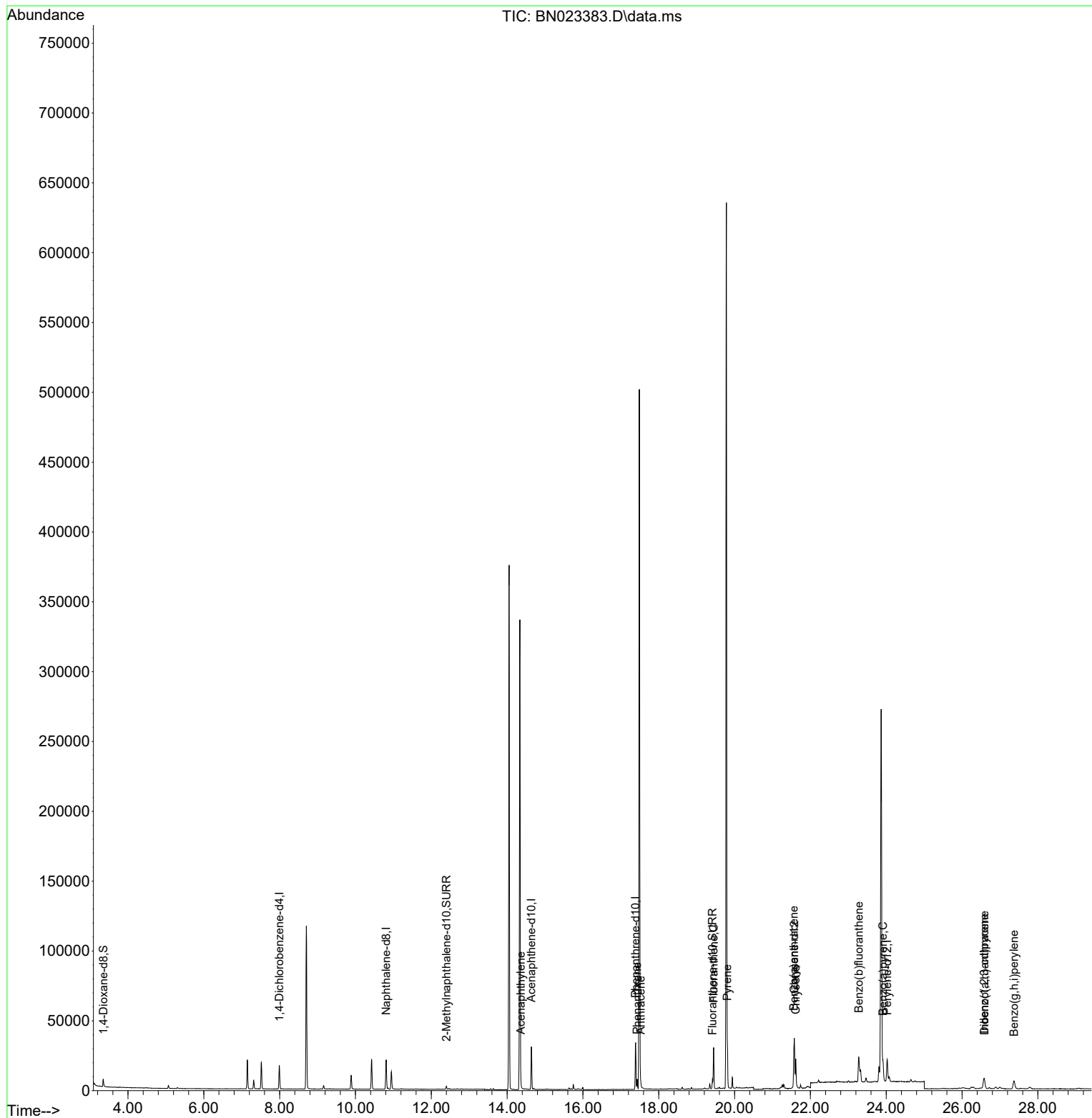
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	8263	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	27595	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	16189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	37335	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	27160	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	21542	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	3570	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	2733	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	6790	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.363	152	2732	0.038	ng/ul#	92
15) Phenanthrene	17.432	178	7443	0.061	ng/ul	96
16) Anthracene	17.521	178	2704	0.027	ng/ul#	87
19) Fluoranthene	19.448	202	24251	0.184	ng/ul	100
20) Pyrene	19.811	202	22857	0.172	ng/ul	100
21) Benzo(a)anthracene	21.560	228	15153	0.143	ng/ul#	93
22) Chrysene	21.613	228	19217	0.179	ng/ul#	89
24) Benzo(b)fluoranthene	23.276	252	39021	0.350	ng/ul	89
26) Benzo(a)pyrene	23.914	252	17441	0.198	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.584	276	12976	0.126	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.590	278	3246	0.041	ng/ul#	46
29) Benzo(g,h,i)perylene	27.372	276	12732	0.152	ng/ul	94

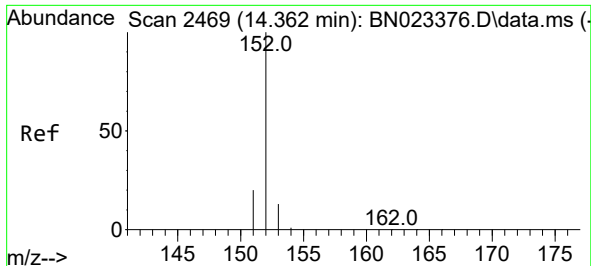
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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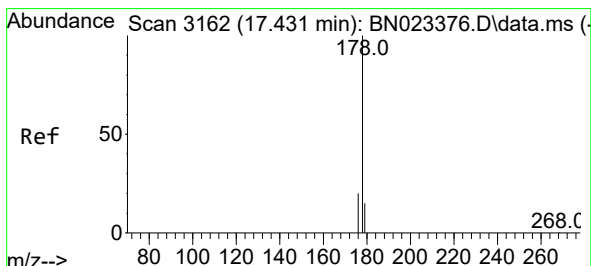
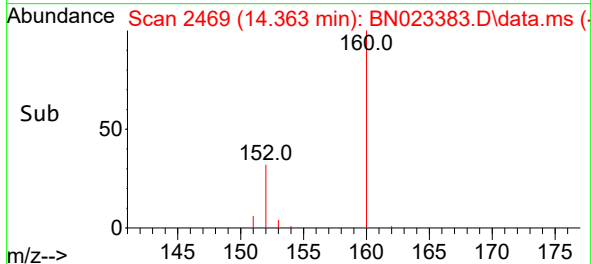
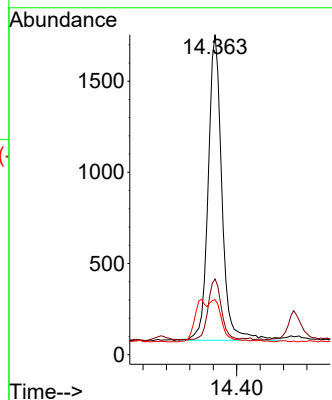
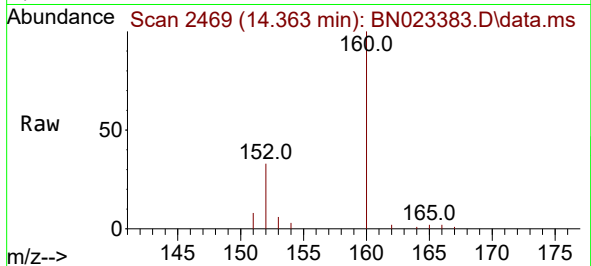




#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

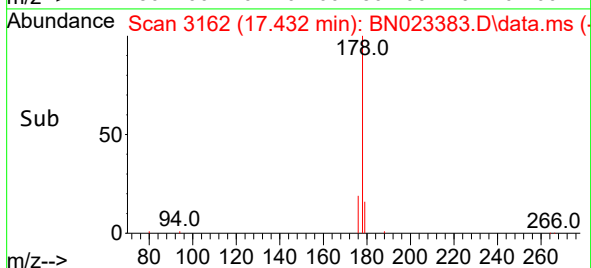
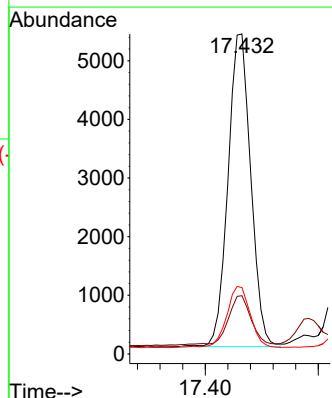
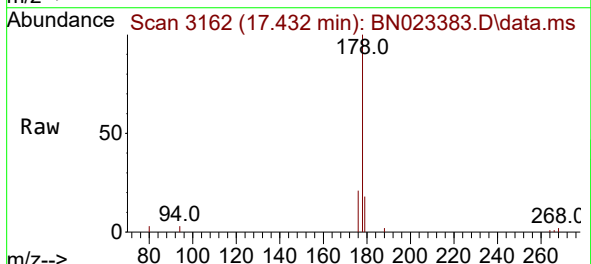
Instrument :
BNA_N
ClientSampleId :
DBXY0DL

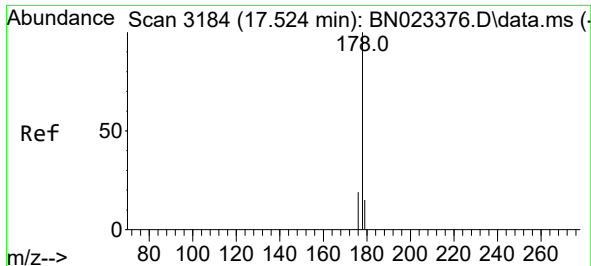
Tgt Ion:152 Resp: 2732
Ion Ratio Lower Upper
152 100
151 23.6 16.1 24.1
153 17.2 10.9 16.3#



#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

Tgt Ion:178 Resp: 7443
Ion Ratio Lower Upper
178 100
179 18.2 12.5 18.7
176 20.7 15.7 23.5

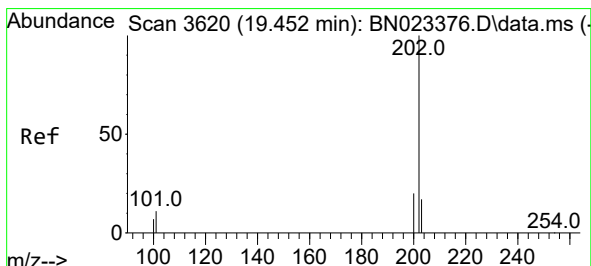
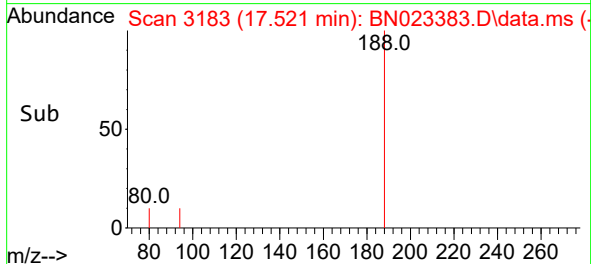
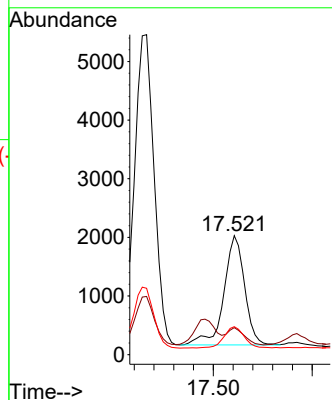
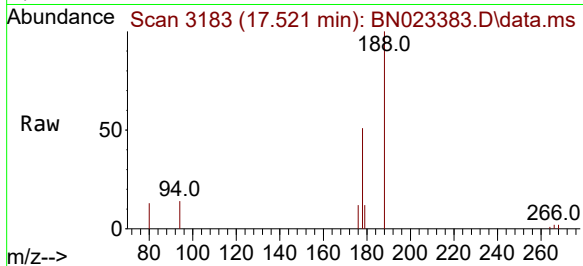




#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.521 min Scan# 3184
 Delta R.T. -0.005 min
 Lab File: BN023383.D
 Acq: 23 Dec 2022 22:05

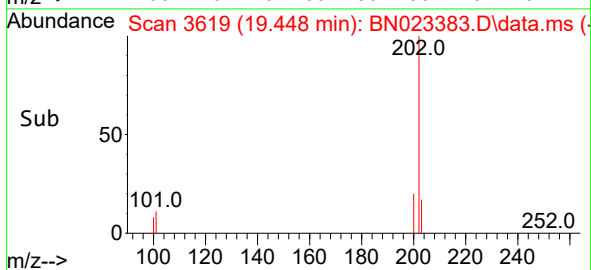
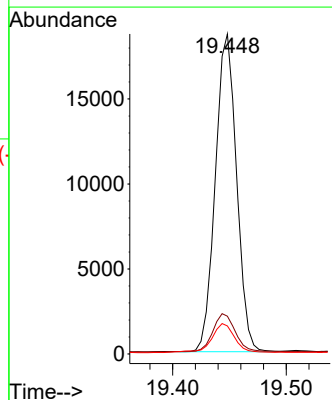
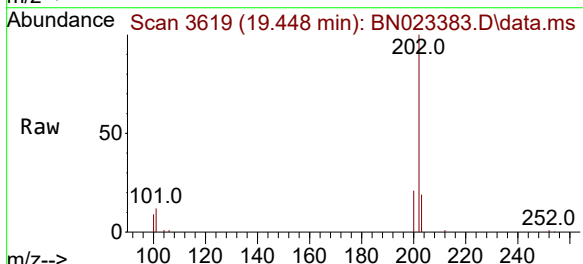
Instrument :
 BNA_N
 ClientSampleId :
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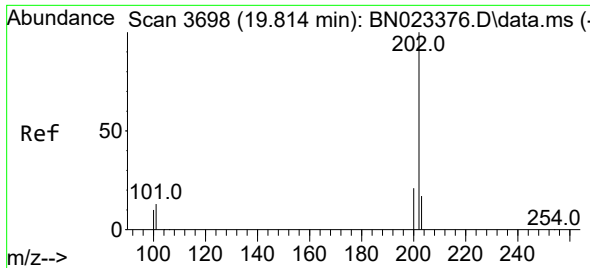
Tgt Ion:178 Resp: 2704
 Ion Ratio Lower Upper
 178 100
 179 22.7 12.6 18.8#
 176 23.4 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.184 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023383.D
 Acq: 23 Dec 2022 22:05

Tgt Ion:202 Resp: 24251
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.4 14.2
 100 8.7 7.0 10.6

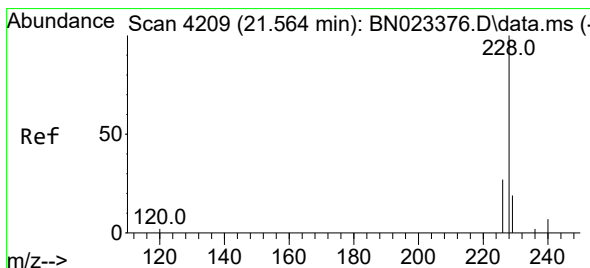
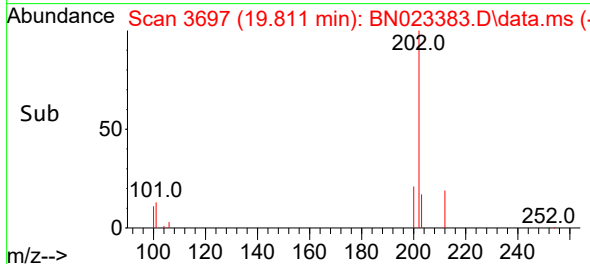
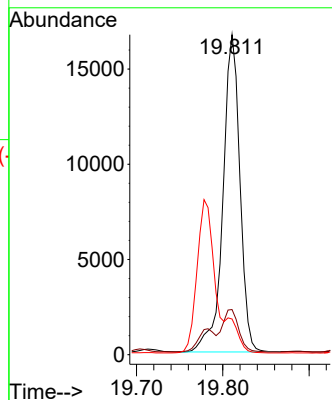
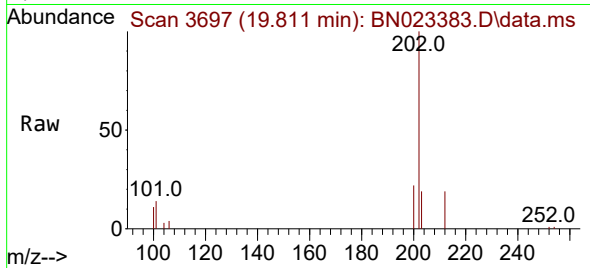




#20
Pyrene
Concen: 0.172 ng/ul
RT: 19.811 min Scan# 30
Delta R.T. -0.001 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

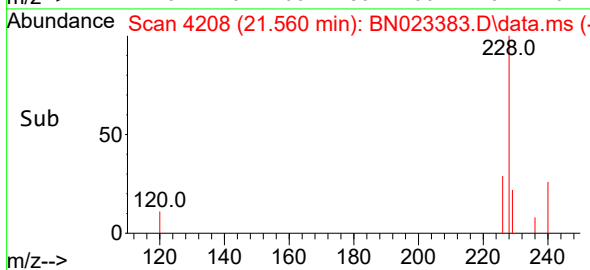
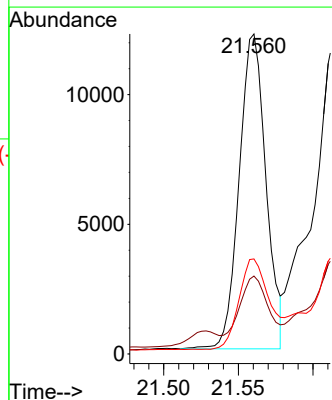
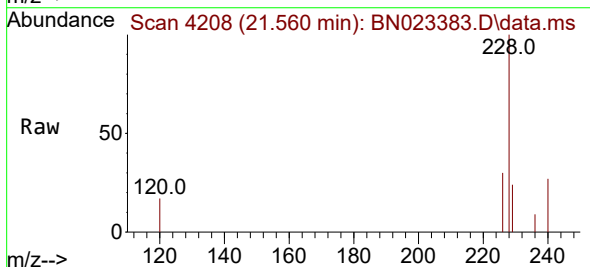
Instrument :
BNA_N
ClientSampleId :
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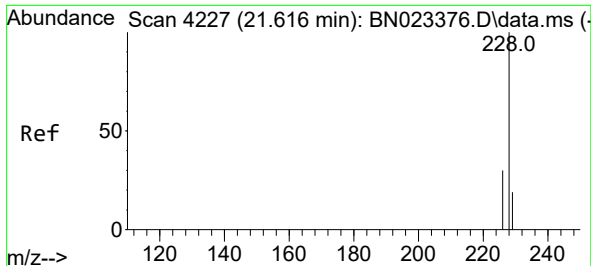
Tgt Ion:202 Resp: 22857
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.1 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

Tgt Ion:228 Resp: 15153
Ion Ratio Lower Upper
228 100
229 24.4 15.6 23.4#
226 29.7 22.2 33.2





#22

Chrysene

Concen: 0.179 ng/ul

RT: 21.613 min Scan# 41

Delta R.T. -0.004 min

Lab File: BN023383.D

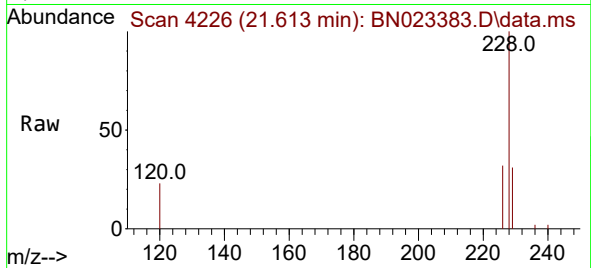
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Instrument :

BNA_N

ClientSampleId :

DBXY0DL



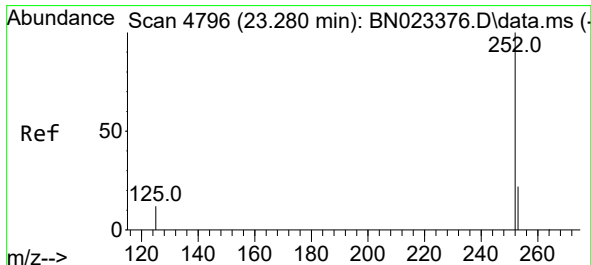
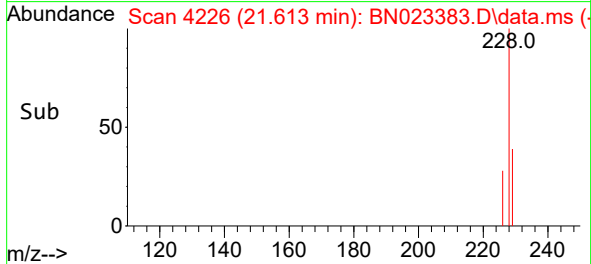
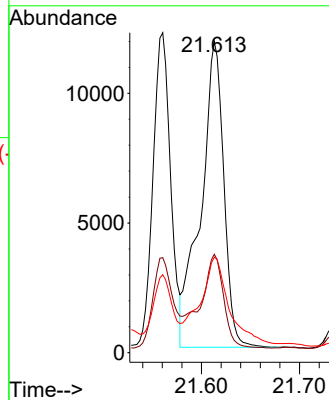
Tgt Ion:228 Resp: 19217

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 30.7 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.350 ng/ul

RT: 23.276 min Scan# 4795

Delta R.T. 0.002 min

Lab File: BN023383.D

Acq: 23 Dec 2022 22:05

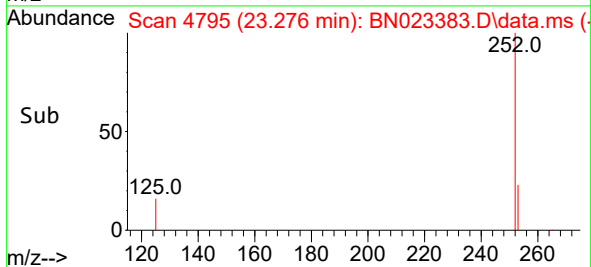
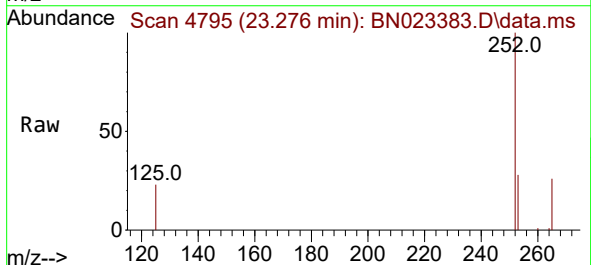
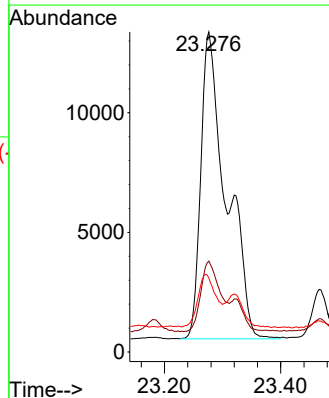
Tgt Ion:252 Resp: 39021

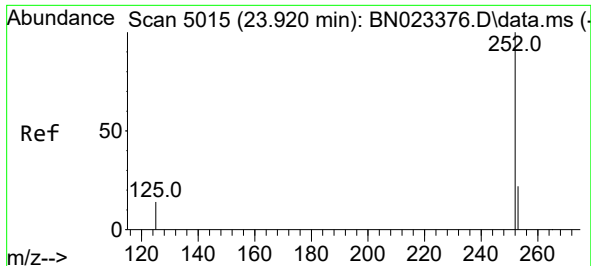
Ion Ratio Lower Upper

252 100

253 28.4 0.0 49.2

125 23.1 0.0 31.8

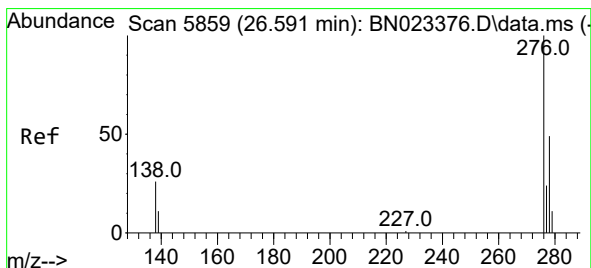
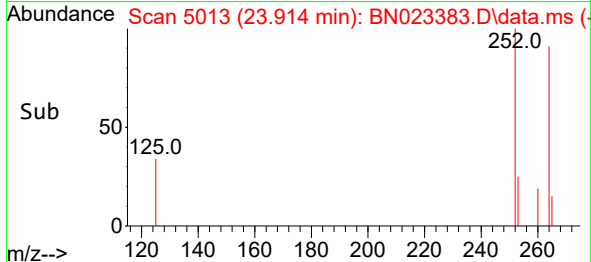
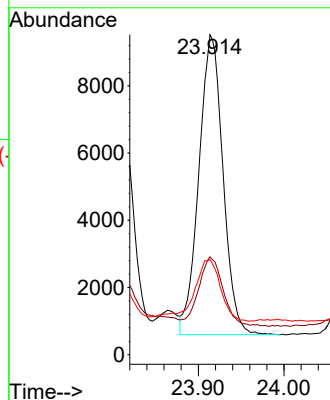
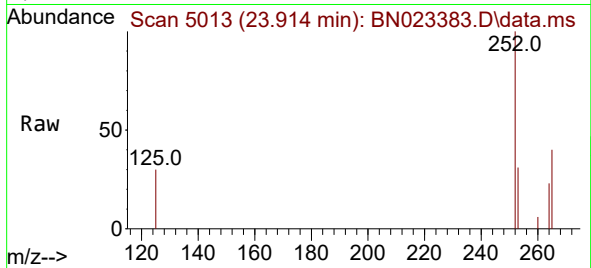




#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.914 min Scan# 5015
Delta R.T. -0.001 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

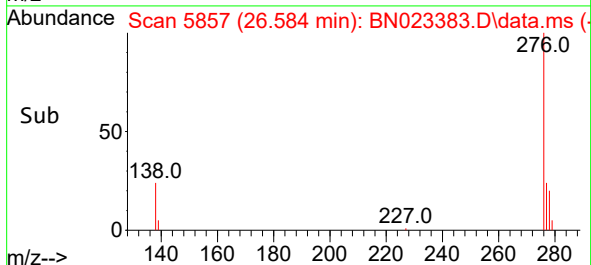
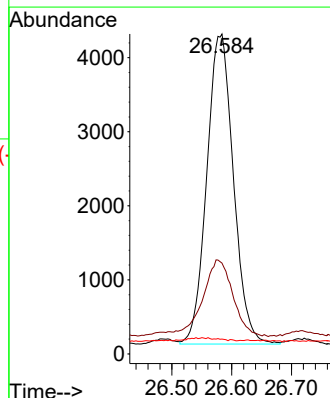
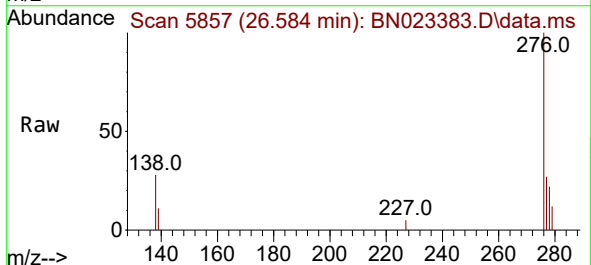
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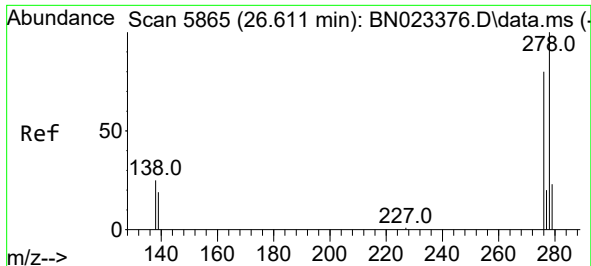
Tgt Ion:252 Resp: 17441
Ion Ratio Lower Upper
252 100
253 30.6 21.4 32.2
125 29.7 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023383.D
Acq: 23 Dec 2022 22:05

Tgt Ion:276 Resp: 12976
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.2
227 0.0 0.0 0.0

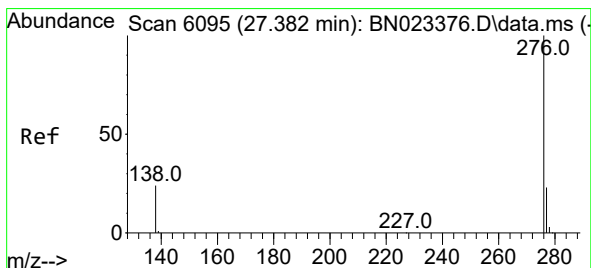
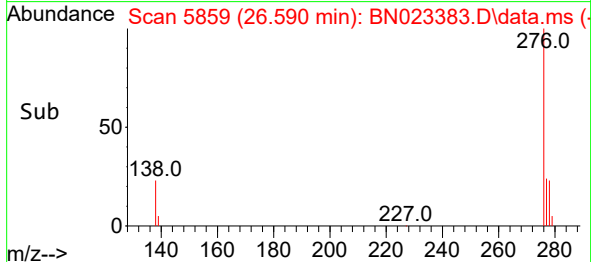
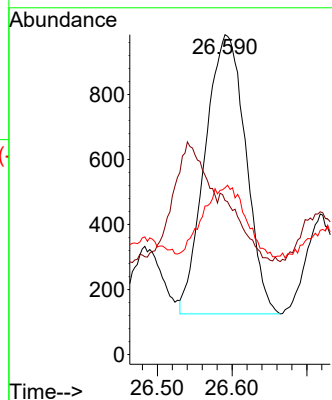
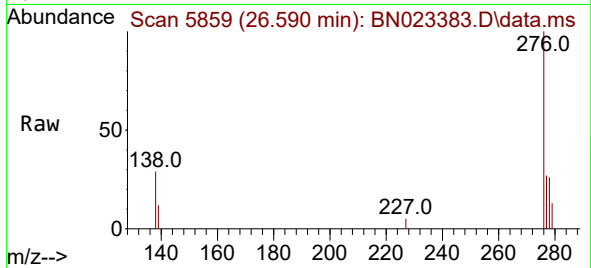




#28
 Dibenzo(a,h)anthracene
 Concen: 0.041 ng/ul
 RT: 26.590 min Scan# 5859
 Delta R.T. -0.011 min
 Lab File: BN023383.D
 Acq: 23 Dec 2022 22:05

Instrument :
 BNA_N
 ClientSampleId :
 DBXY0DL

Tgt Ion:278 Resp: 3246
 Ion Ratio Lower Upper
 278 100
 139 48.2 16.6 24.8#
 279 52.1 21.3 31.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.152 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.003 min
 Lab File: BN023383.D
 Acq: 23 Dec 2022 22:05

Tgt Ion:276 Resp: 12732
 Ion Ratio Lower Upper
 276 100
 138 29.0 20.3 30.5
 277 26.8 19.7 29.5

