

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023382.D
 Acq On : 23 Dec 2022 21:28
 Operator : CG/JU
 Sample : N6008-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY0

Quant Time: Dec 23 22:45:17 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)

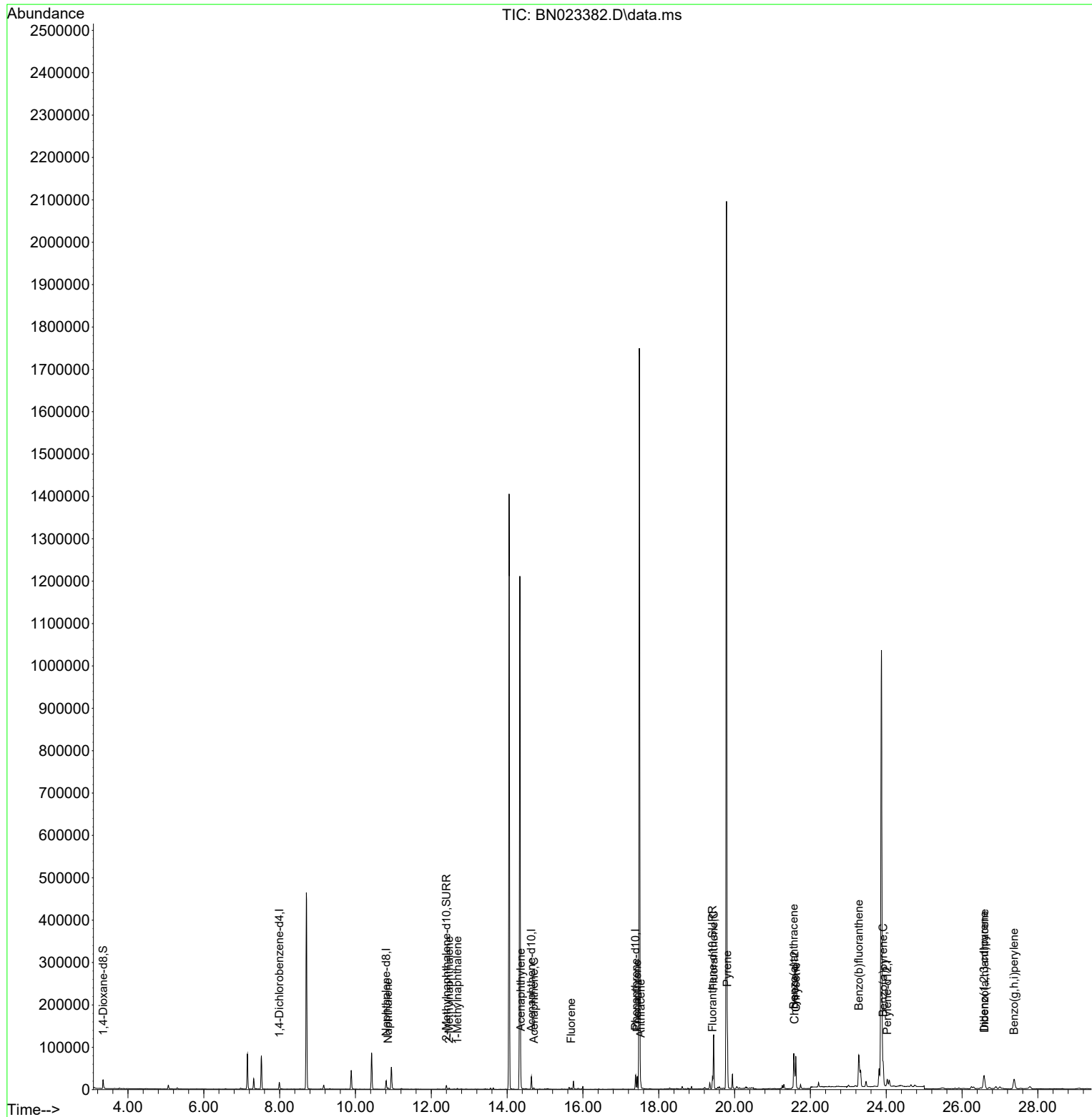
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	7831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	25984	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	36879	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	28270	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	22354	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	14158	1.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	10781	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	28798	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	4218	0.055	ng/ul#	94
7) 2-Methylnaphthalene	12.470	142	1663	0.034	ng/ul	98
8) 1-Methylnaphthalene	12.690	142	1207	0.024	ng/ul	99
10) Acenaphthylene	14.363	152	10152	0.146	ng/ul	97
11) Acenaphthene	14.705	153	1901	0.033	ng/ul	98
12) Fluorene	15.691	166	1861	0.028	ng/ul#	96
15) Phenanthrene	17.432	178	30585	0.255	ng/ul	99
16) Anthracene	17.525	178	10732	0.108	ng/ul	97
19) Fluoranthene	19.448	202	102622	0.748	ng/ul	100
20) Pyrene	19.810	202	89426	0.647	ng/ul	100
21) Benzo(a)anthracene	21.560	228	65957	0.599	ng/ul	97
22) Chrysene	21.616	228	78722	0.703	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	168430	1.457	ng/ul	99
26) Benzo(a)pyrene	23.919	252	72951	0.797	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.580	276	52934	0.495	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.590	278	13201	0.159	ng/ul#	82
29) Benzo(g,h,i)perylene	27.372	276	50909	0.585	ng/ul	99

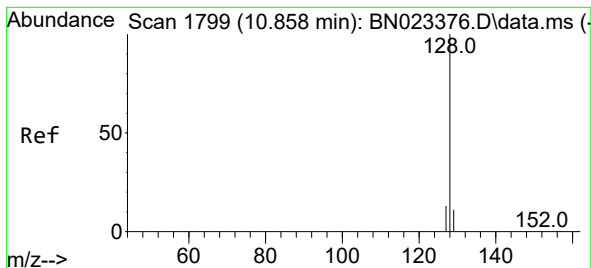
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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QLast Update : Thu Dec 22 02:28:40 2022
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#5

Naphthalene

Concen: 0.055 ng/ul

RT: 10.859 min Scan# 1799

Delta R.T. -0.005 min

Lab File: BN023382.D

Acq: 23 Dec 2022 21:28

Instrument :

BNA_N

ClientSampleId :

DBXY0

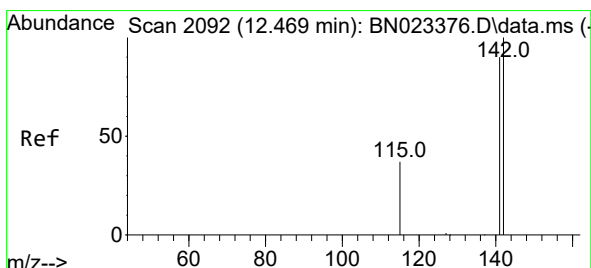
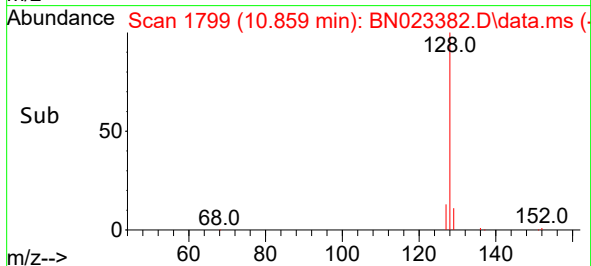
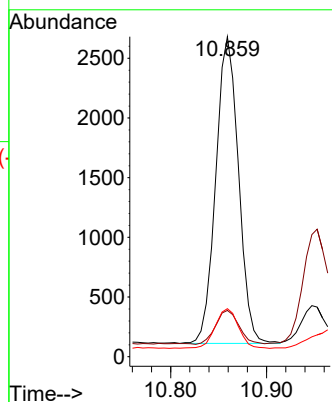
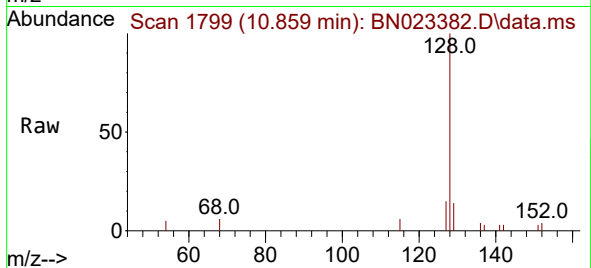
Tgt Ion:128 Resp: 4218

Ion Ratio Lower Upper

128 100

129 14.5 9.0 13.4#

127 15.0 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.470 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BN023382.D

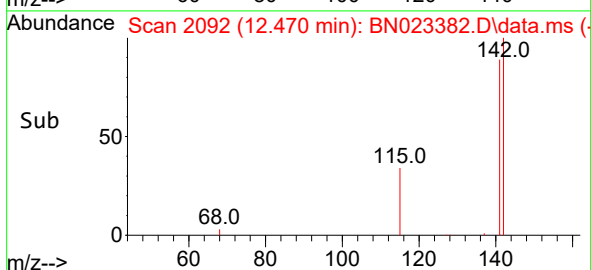
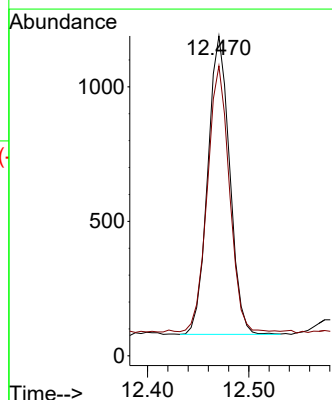
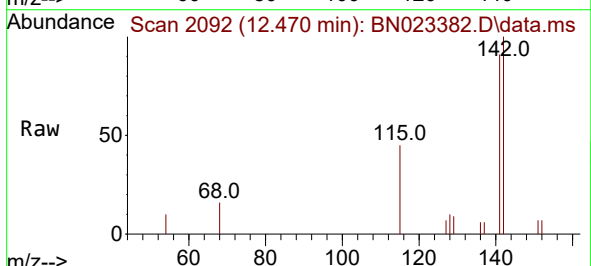
Acq: 23 Dec 2022 21:28

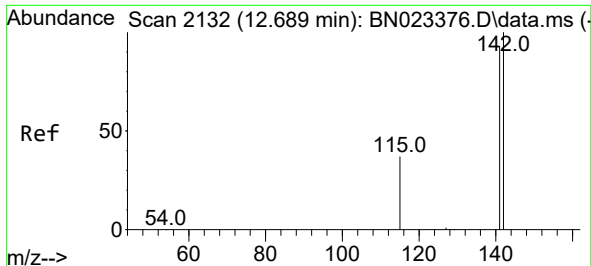
Tgt Ion:142 Resp: 1663

Ion Ratio Lower Upper

142 100

141 91.4 71.4 107.2

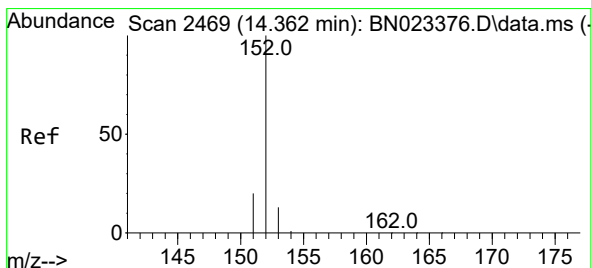
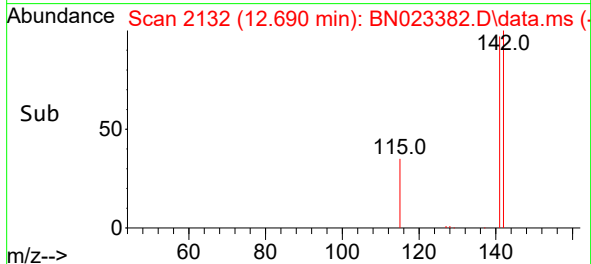
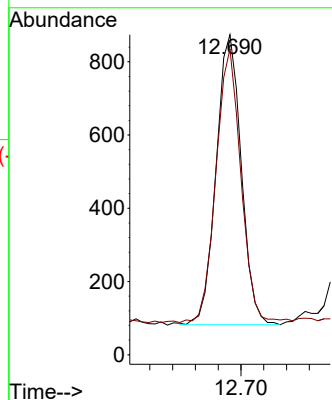
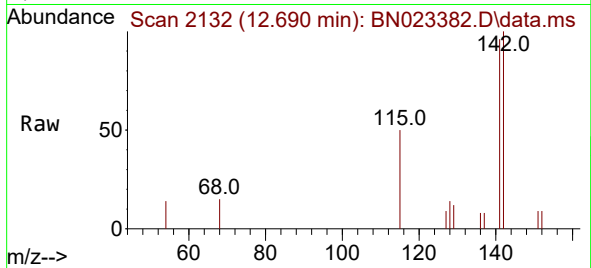




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

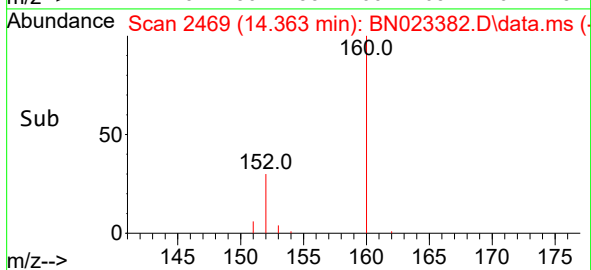
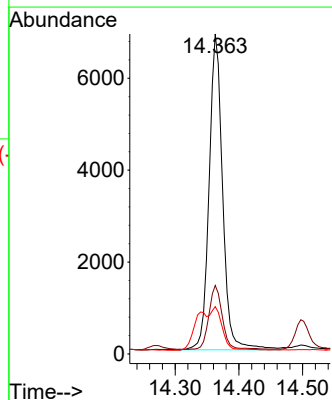
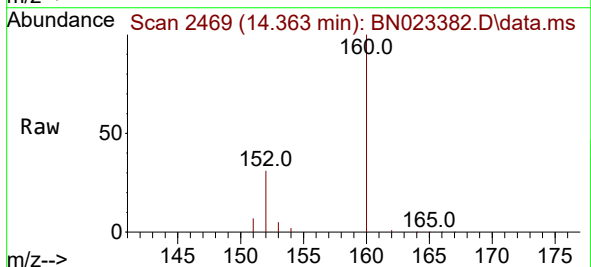
Instrument :
BNA_N
ClientSampleId :
DBXY0

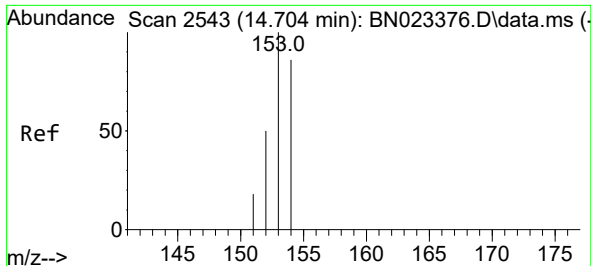
Tgt Ion:142 Resp: 1207
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:152 Resp: 10152
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 14.8 10.9 16.3

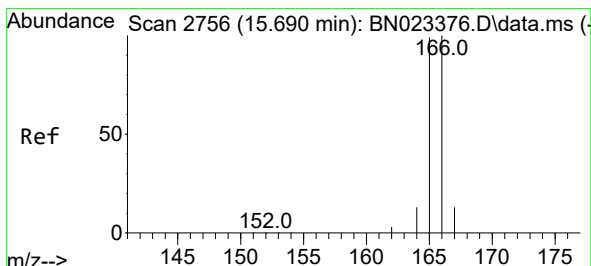
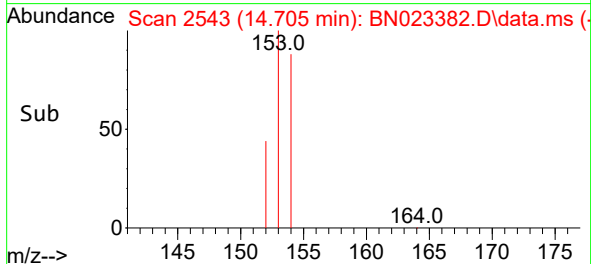
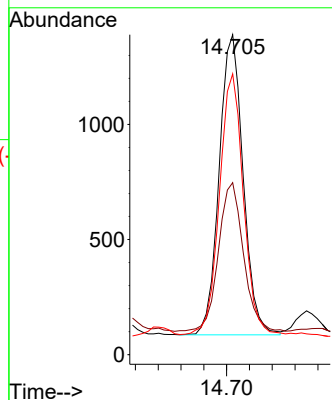
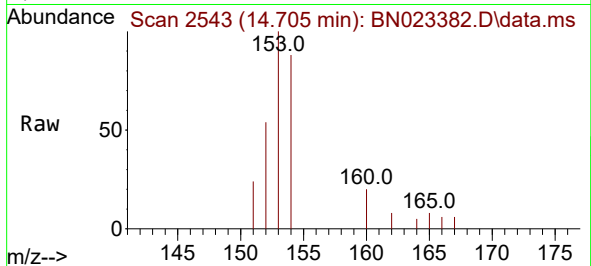




#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

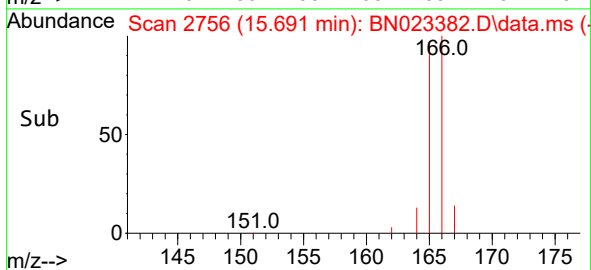
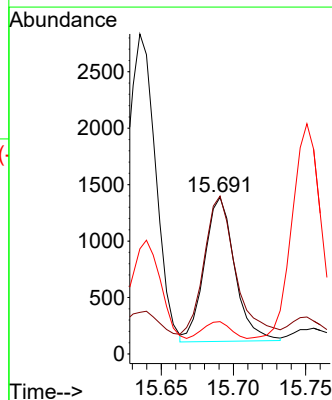
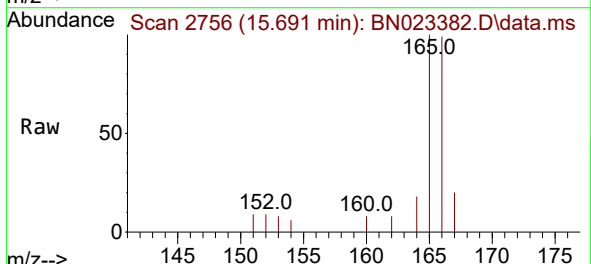
Instrument :
BNA_N
ClientSampleId :
DBXY0

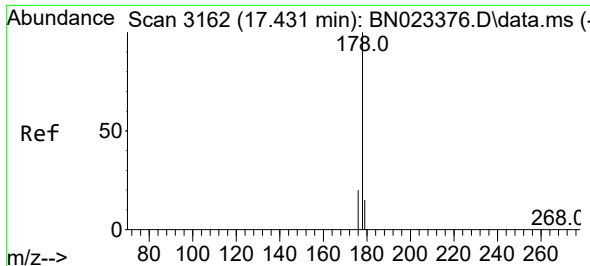
Tgt Ion:153 Resp: 1901
Ion Ratio Lower Upper
153 100
152 53.7 41.0 61.4
154 87.8 69.5 104.3



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:166 Resp: 1861
Ion Ratio Lower Upper
166 100
165 100.8 79.1 118.7
167 20.6 11.0 16.4#

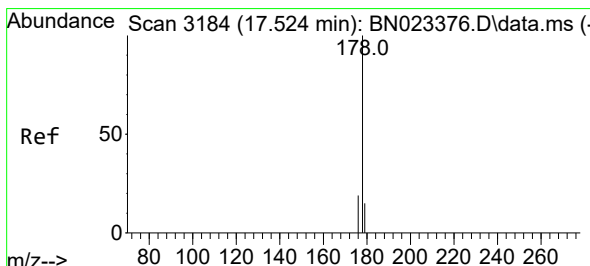
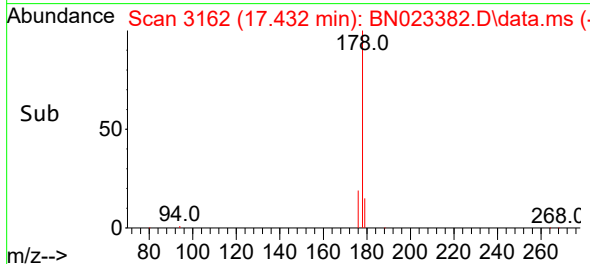
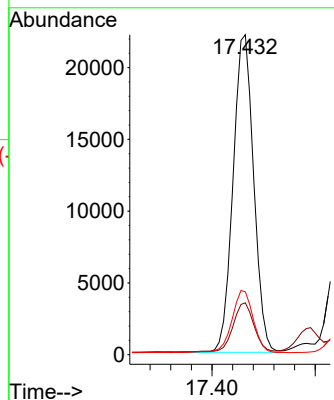
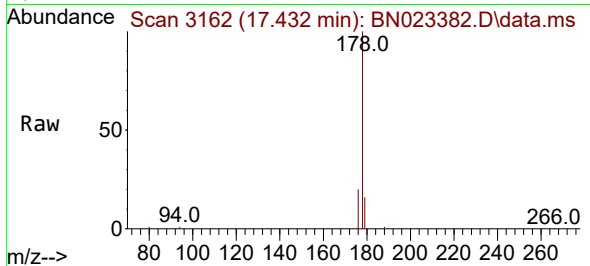




#15
Phenanthrene
Concen: 0.255 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

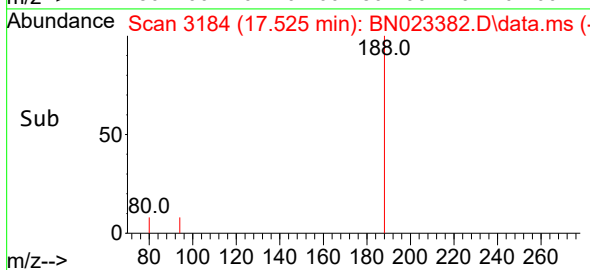
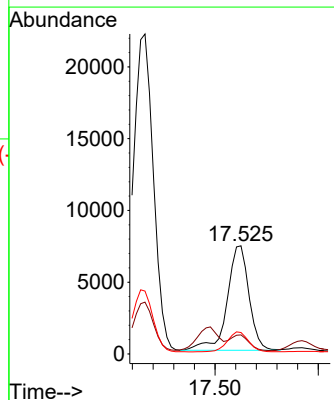
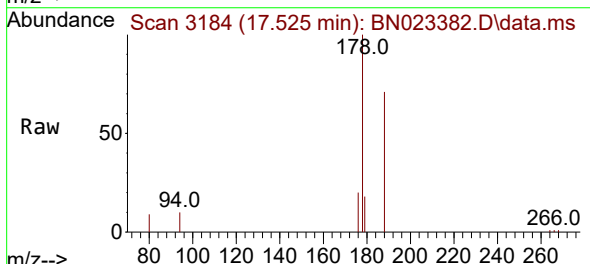
Instrument :
BNA_N
ClientSampleId :
DBXY0

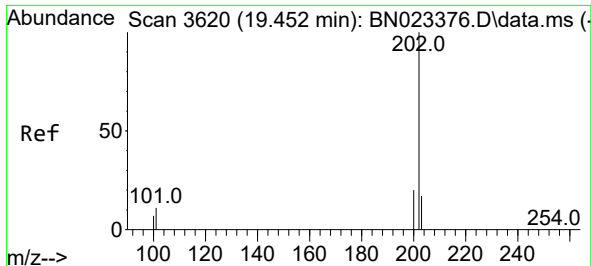
Tgt Ion:178 Resp: 30585
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.108 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:178 Resp: 10732
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 19.8 15.4 23.0

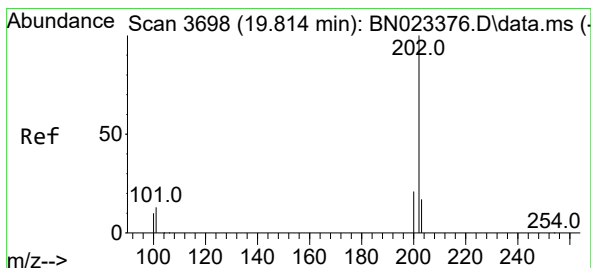
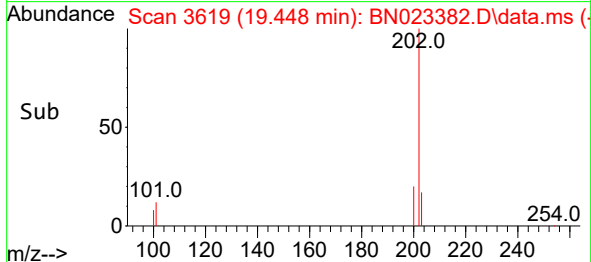
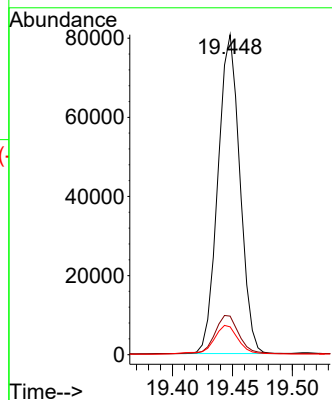
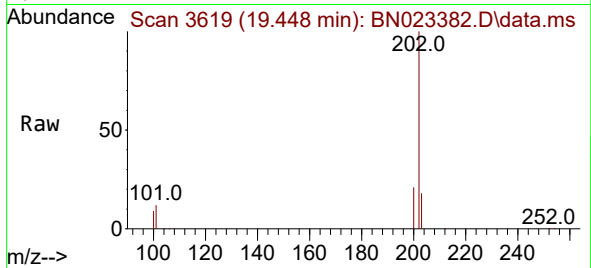




#19
Fluoranthene
Concen: 0.748 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

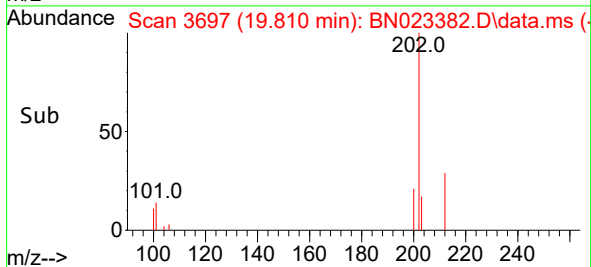
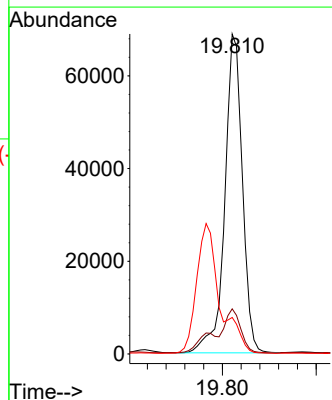
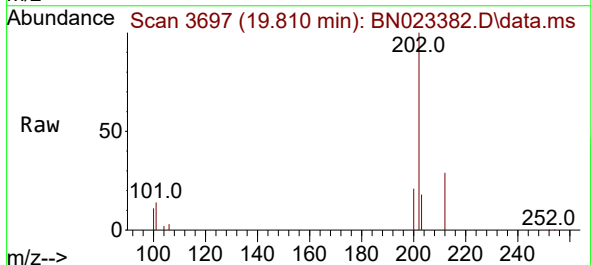
Instrument :
BNA_N
ClientSampleId :
DBXY0

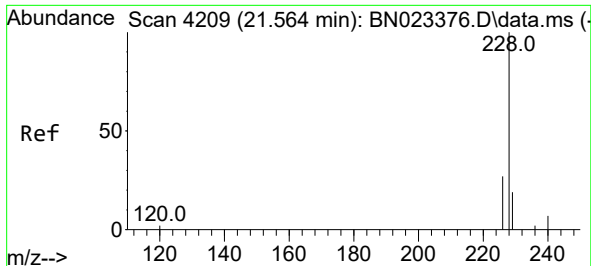
Tgt Ion:202 Resp: 102622
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 8.7 7.0 10.6



#20
Pyrene
Concen: 0.647 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:202 Resp: 89426
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.4 9.0 13.4

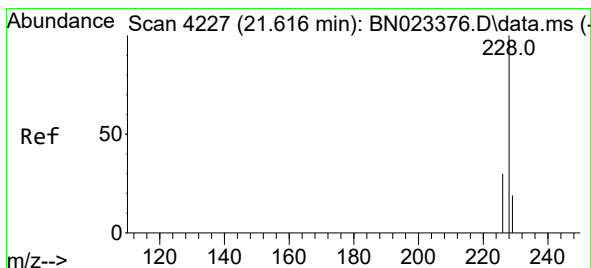
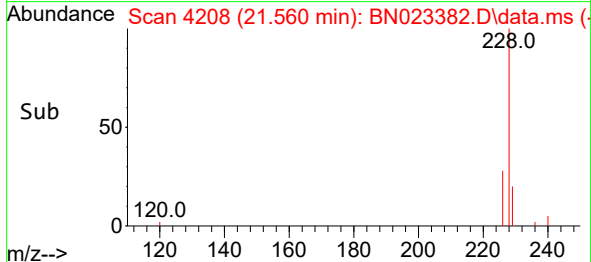
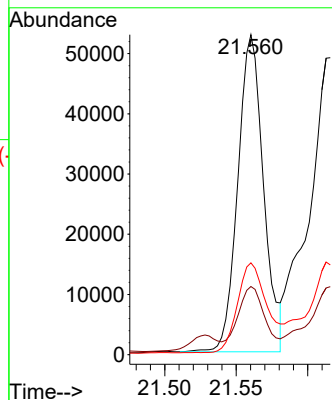
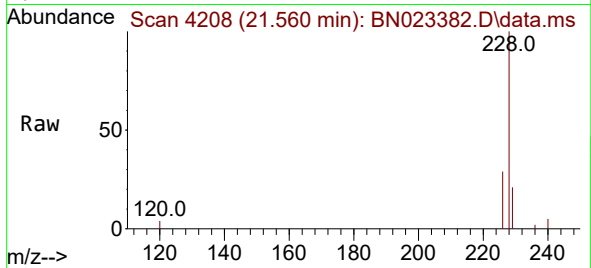




#21
Benzo(a)anthracene
Concen: 0.599 ng/ul
RT: 21.560 min Scan# 4209
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

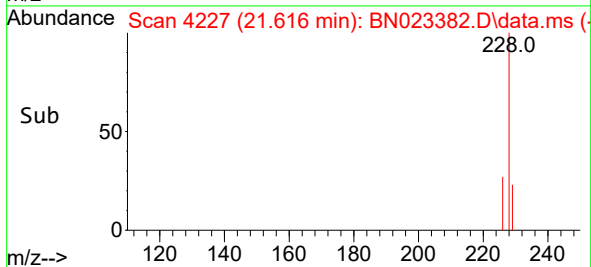
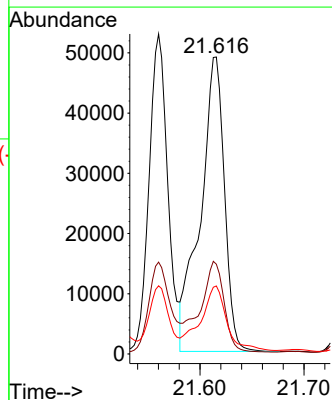
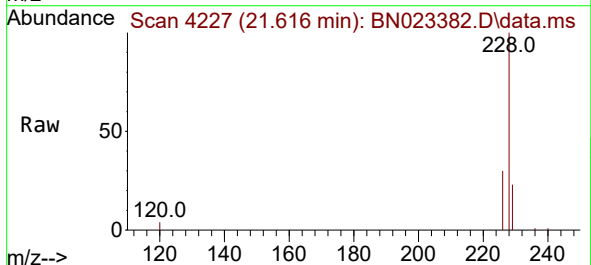
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BNA_N
ClientSampleId :
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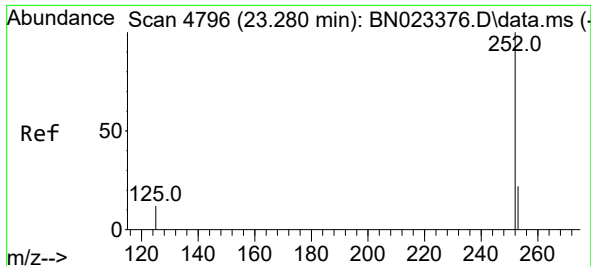
Tgt Ion:228 Resp: 65957
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 28.7 22.2 33.2



#22
Chrysene
Concen: 0.703 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:228 Resp: 78722
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.9 15.8 23.6

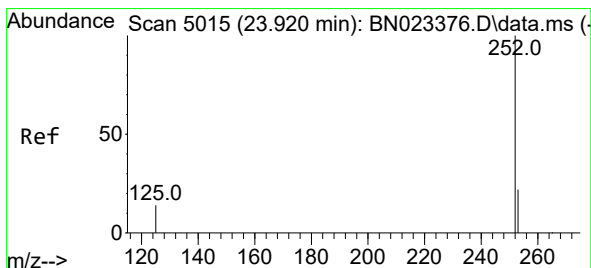
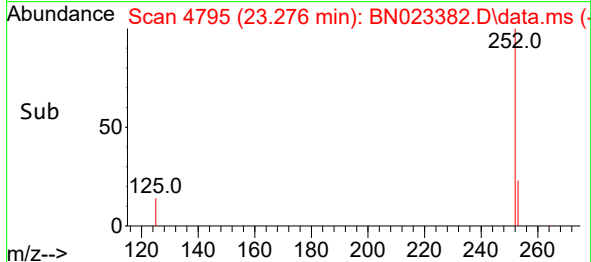
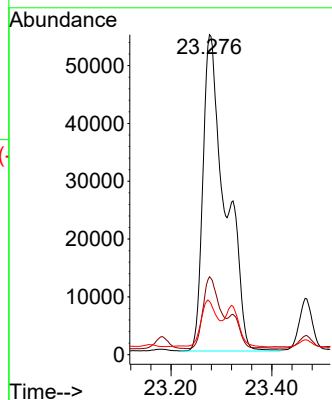
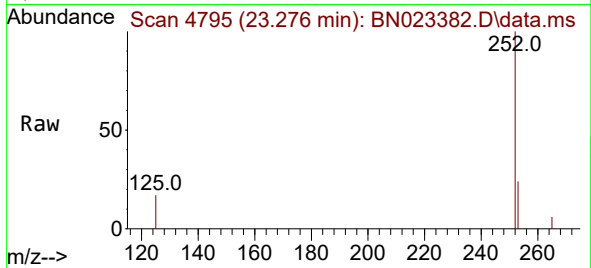




#24
Benzo(b)fluoranthene
Concen: 1.457 ng/ul
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

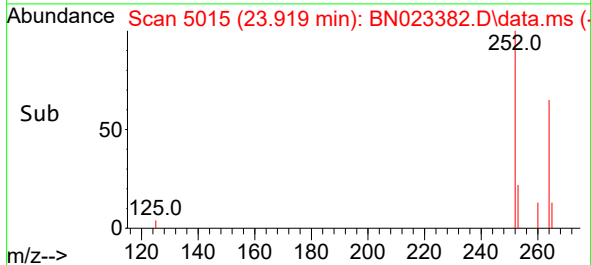
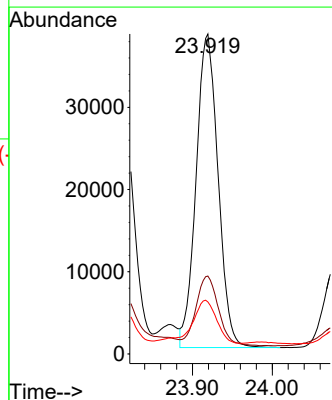
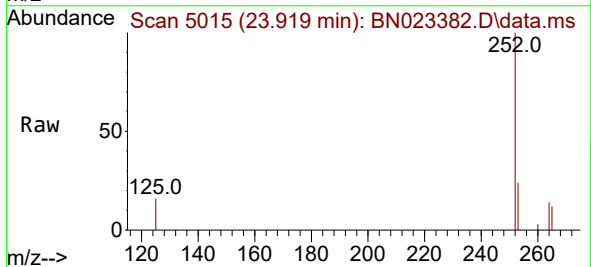
Instrument :
BNA_N
ClientSampleId :
DBXY0

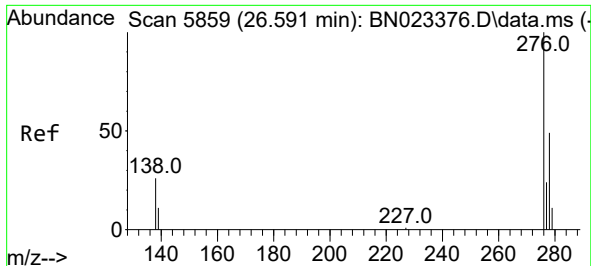
Tgt Ion:252 Resp: 168430
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.2
125 16.6 0.0 31.8



#26
Benzo(a)pyrene
Concen: 0.797 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023382.D
Acq: 23 Dec 2022 21:28

Tgt Ion:252 Resp: 72951
Ion Ratio Lower Upper
252 100
253 24.3 21.4 32.2
125 16.2 16.2 24.4#

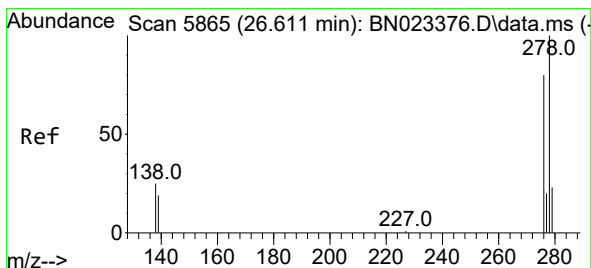
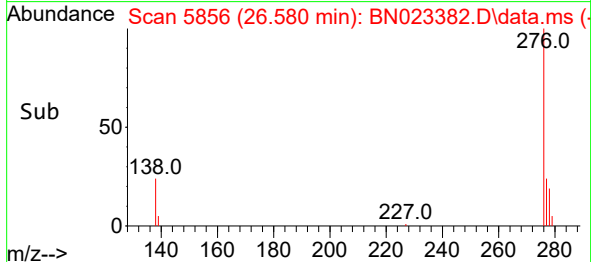
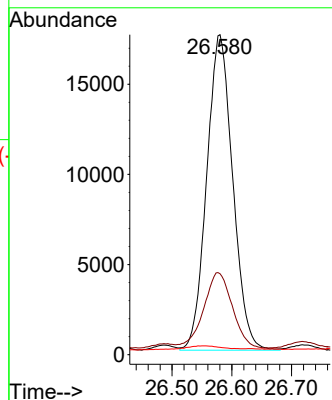
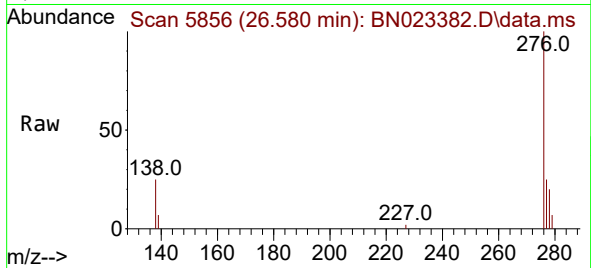




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.495 ng/ul
 RT: 26.580 min Scan# 5856
 Delta R.T. 0.002 min
 Lab File: BN023382.D
 Acq: 23 Dec 2022 21:28

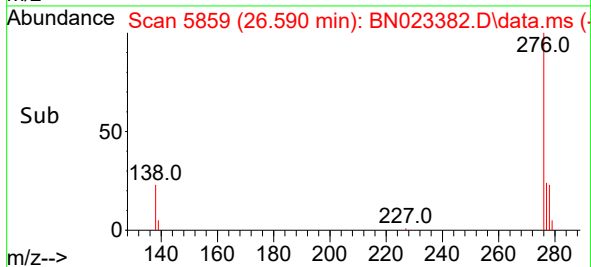
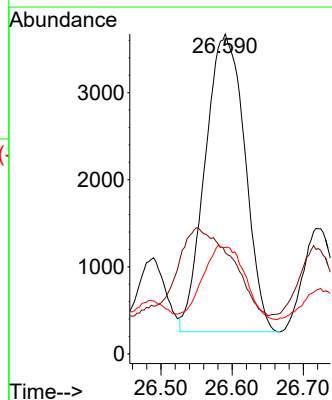
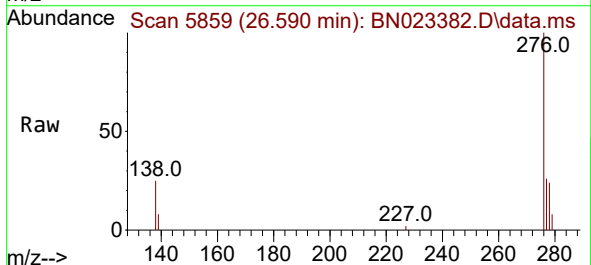
Instrument :
 BNA_N
 ClientSampleId :
 DBXY0

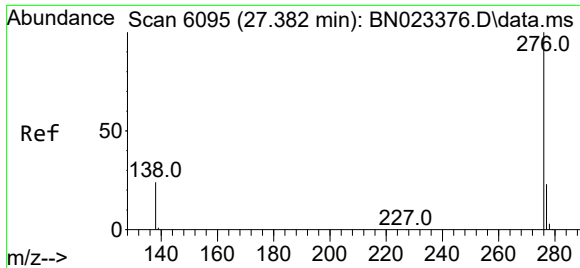
Tgt Ion:276 Resp: 52934
 Ion Ratio Lower Upper
 276 100
 138 26.2 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.159 ng/ul
 RT: 26.590 min Scan# 5859
 Delta R.T. -0.011 min
 Lab File: BN023382.D
 Acq: 23 Dec 2022 21:28

Tgt Ion:278 Resp: 13201
 Ion Ratio Lower Upper
 278 100
 139 31.7 16.6 24.8#
 279 33.3 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.585 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.002 min
 Lab File: BN023382.D
 Acq: 23 Dec 2022 21:28

Instrument :
 BNA_N
 ClientSampleId :
 DBXY0

Tgt Ion:	276	Resp:	50909
Ion Ratio	Lower	Upper	
276	100		
138	26.3	20.3	30.5
277	24.7	19.7	29.5

