

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023395.D
 Acq On : 24 Dec 2022 05:52
 Operator : CG/JU
 Sample : N6008-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY2

Quant Time: Dec 24 23:16:32 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)

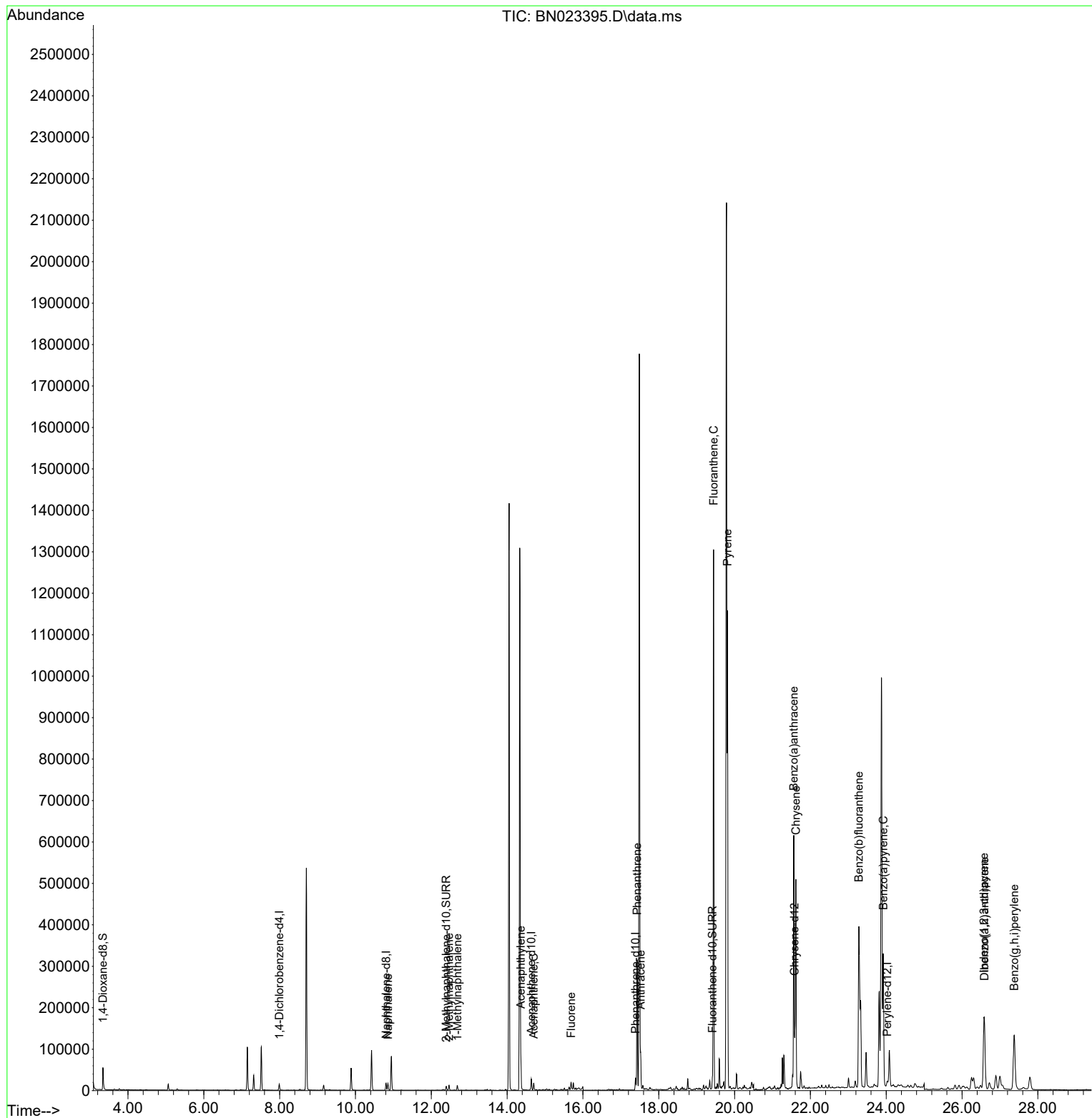
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7037	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	23104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	13794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	32521	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	22644	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	17355	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	34923	4.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	11761	0.329	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	29431	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	21370	0.315	ng/ul	99
7) 2-Methylnaphthalene	12.469	142	8185	0.189	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	7668	0.172	ng/ul	100
10) Acenaphthylene	14.362	152	75661	1.238	ng/ul	100
11) Acenaphthene	14.704	153	9804	0.190	ng/ul	99
12) Fluorene	15.690	166	12551	0.217	ng/ul	99
15) Phenanthrene	17.431	178	333166	3.147	ng/ul	99
16) Anthracene	17.524	178	84438	0.961	ng/ul	99
19) Fluoranthene	19.446	202	1048455	9.544	ng/ul	100
20) Pyrene	19.814	202	895778	8.089	ng/ul	99
21) Benzo(a)anthracene	21.560	228	519830	5.896	ng/ul	96
22) Chrysene	21.616	228	496872	5.542	ng/ul	98
24) Benzo(b)fluoranthene	23.279	252	936415	10.432	ng/ul	94
26) Benzo(a)pyrene	23.922	252	443195	6.236	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.580	276	303781	3.662	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.594	278	70998	1.103	ng/ul	97
29) Benzo(g,h,i)perylene	27.375	276	291080	4.305	ng/ul	99

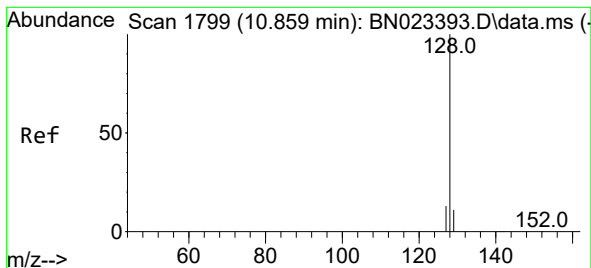
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 22 02:28:40 2022
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#5

Naphthalene

Concen: 0.315 ng/ul

RT: 10.858 min Scan# 1799

Delta R.T. -0.007 min

Lab File: BN023395.D

Acq: 24 Dec 2022 05:52

Instrument :

BNA_N

ClientSampleId :

DBXY2

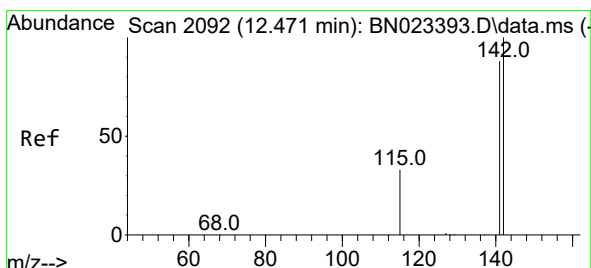
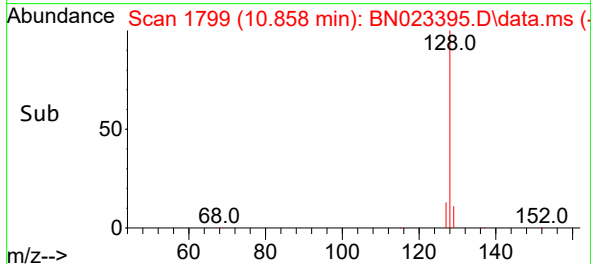
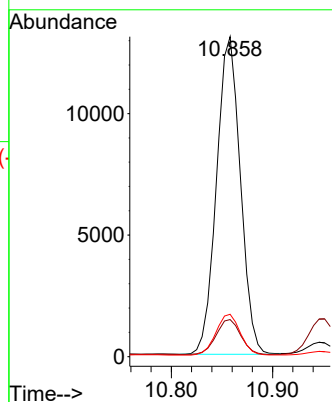
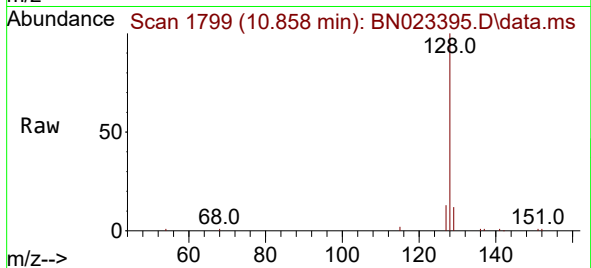
Tgt Ion:128 Resp: 21370

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.189 ng/ul

RT: 12.469 min Scan# 2092

Delta R.T. -0.007 min

Lab File: BN023395.D

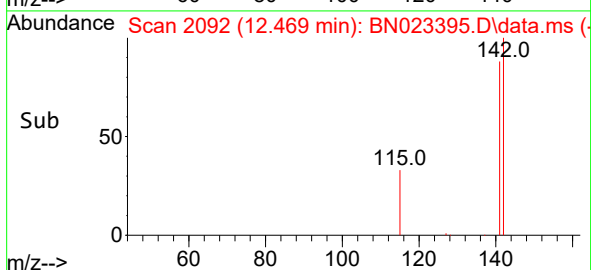
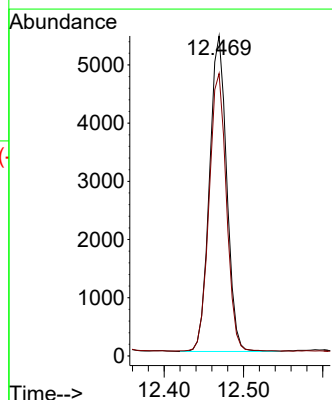
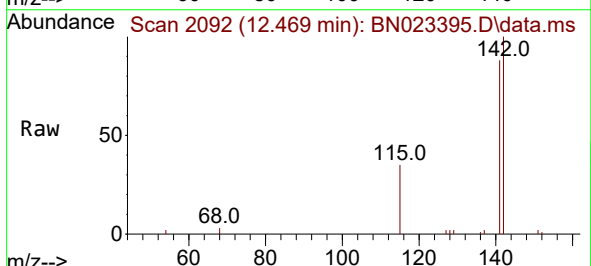
Acq: 24 Dec 2022 05:52

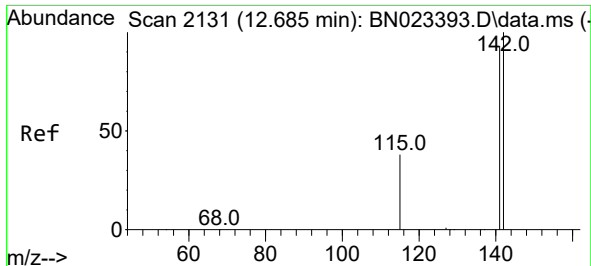
Tgt Ion:142 Resp: 8185

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

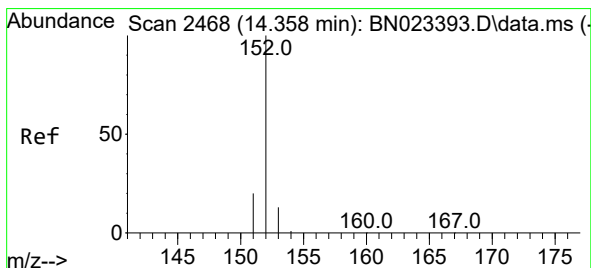
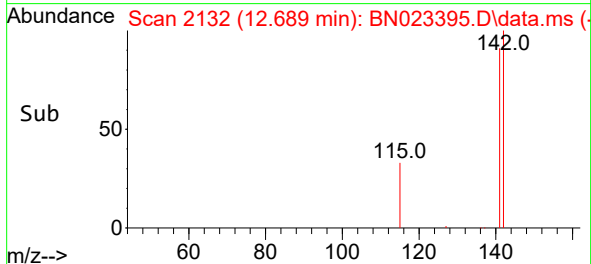
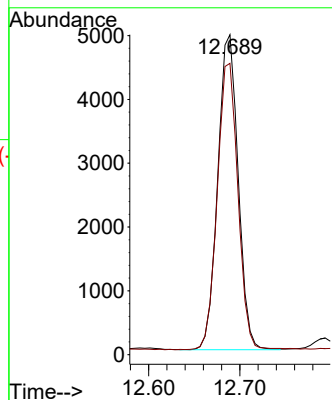
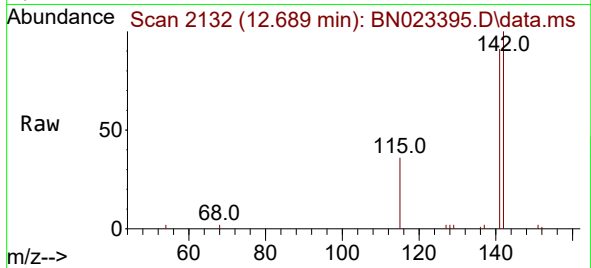




#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.689 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

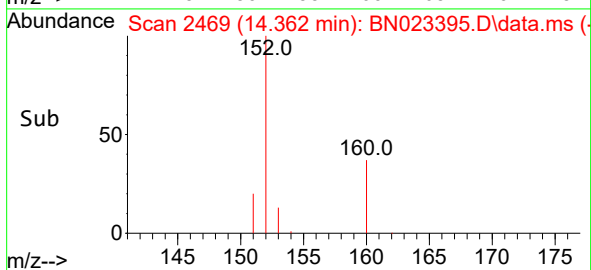
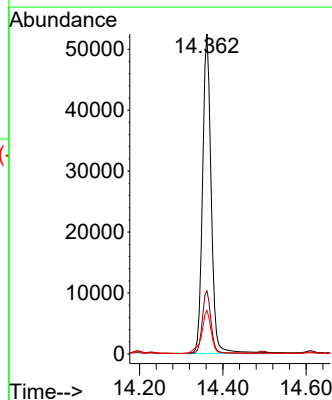
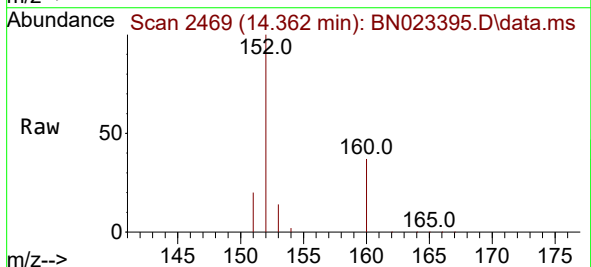
Instrument :
BNA_N
ClientSampleId :
DBXY2

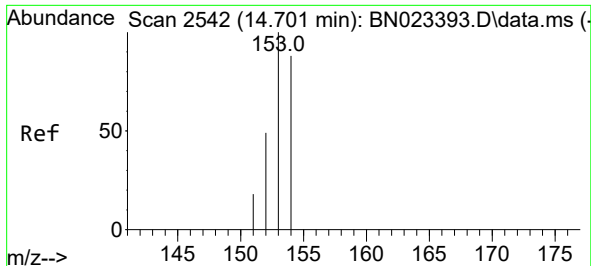
Tgt Ion:142 Resp: 7668
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0



#10
Acenaphthylene
Concen: 1.238 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:152 Resp: 75661
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.6 10.9 16.3

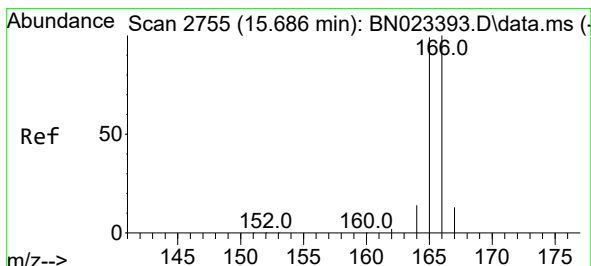
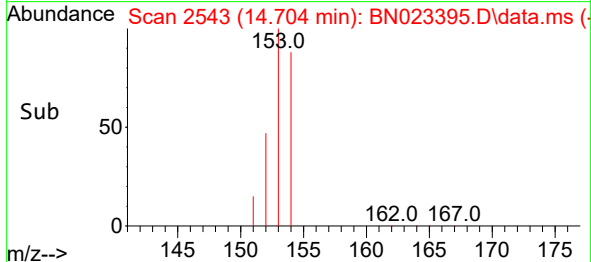
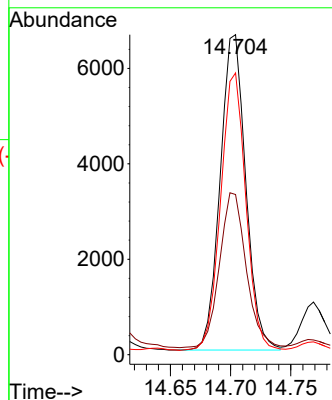
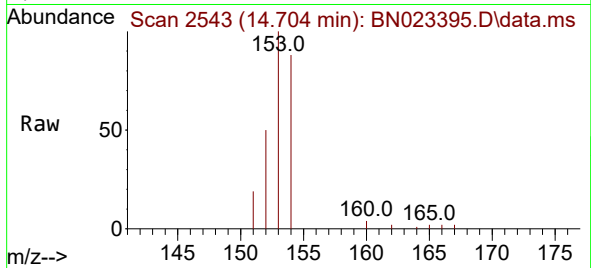




#11
Acenaphthene
Concen: 0.190 ng/ul
RT: 14.704 min Scan# 213
Delta R.T. -0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

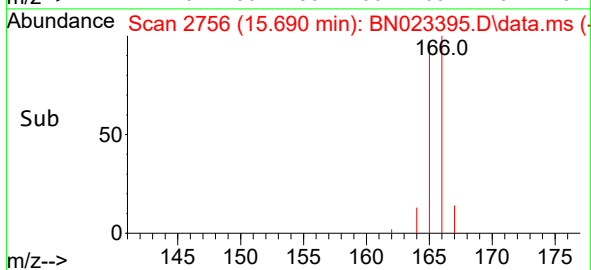
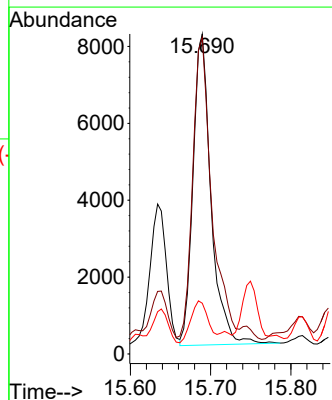
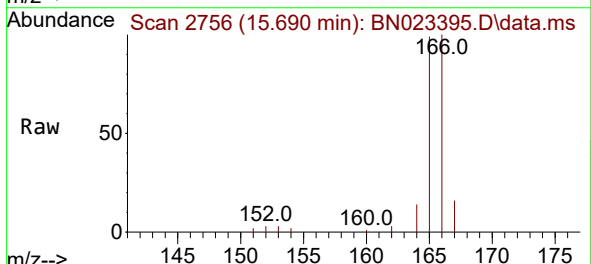
Instrument :
BNA_N
ClientSampleId :
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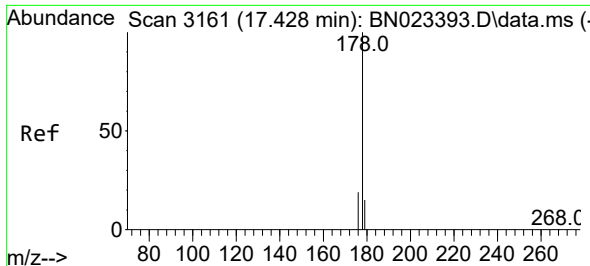
Tgt Ion:153 Resp: 9804
Ion Ratio Lower Upper
153 100
152 50.1 41.0 61.4
154 88.1 69.5 104.3



#12
Fluorene
Concen: 0.217 ng/ul
RT: 15.690 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:166 Resp: 12551
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 15.9 11.0 16.4

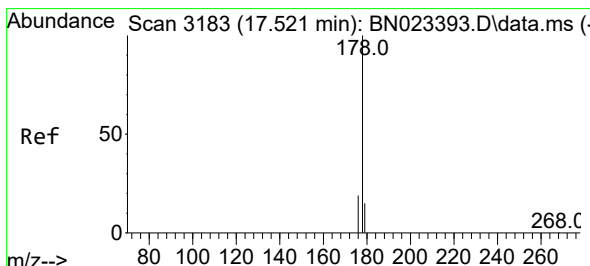
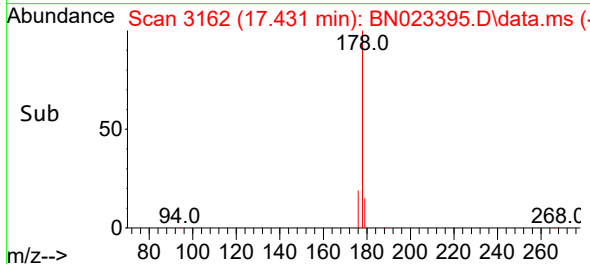
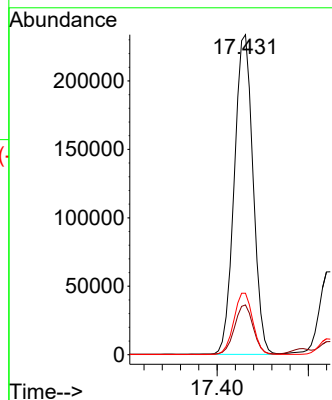
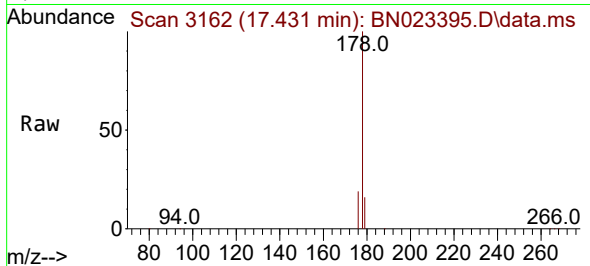




#15
Phenanthrene
Concen: 3.147 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

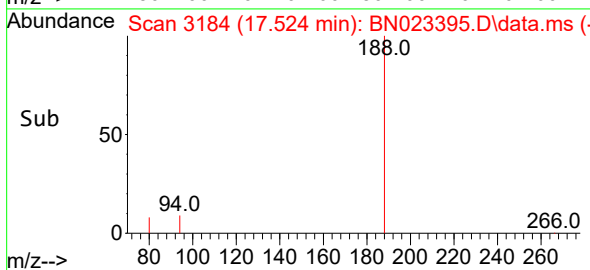
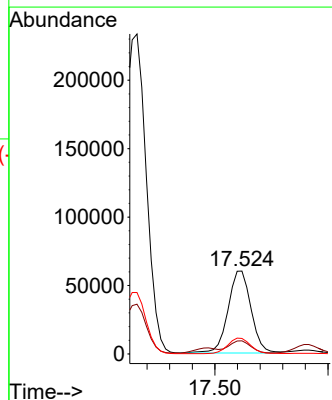
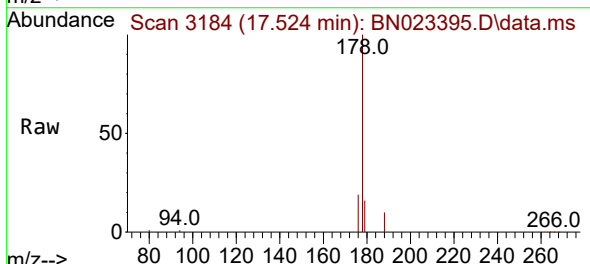
Instrument :
BNA_N
ClientSampleId :
DBXY2

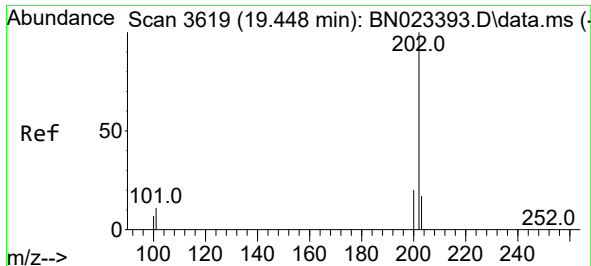
Tgt Ion:178 Resp: 333166
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.2 15.7 23.5



#16
Anthracene
Concen: 0.961 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:178 Resp: 84438
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.4 23.0

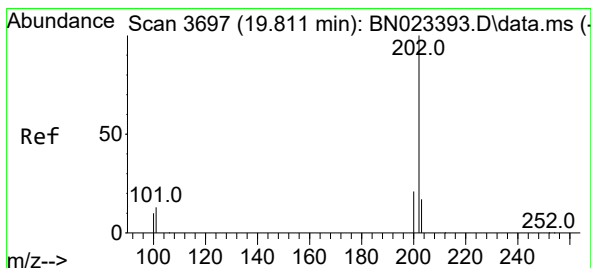
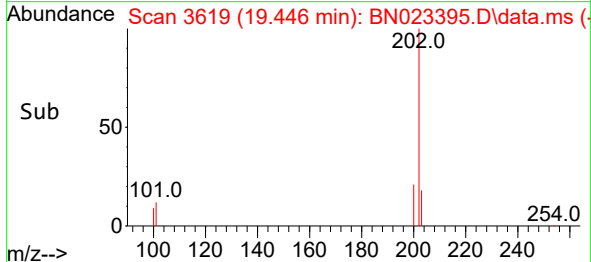
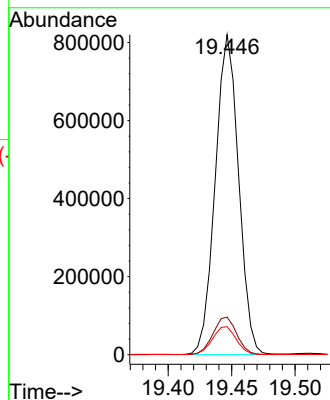
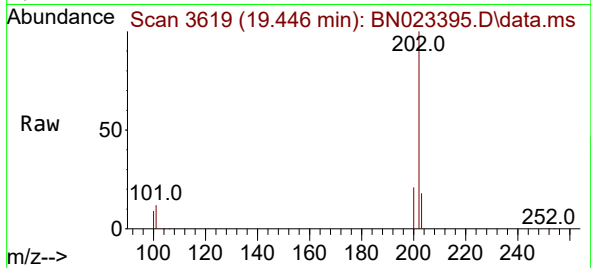




#19
Fluoranthene
Concen: 9.544 ng/ul
RT: 19.446 min Scan# 3619
Delta R.T. -0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

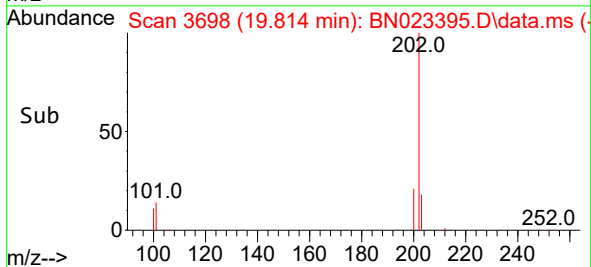
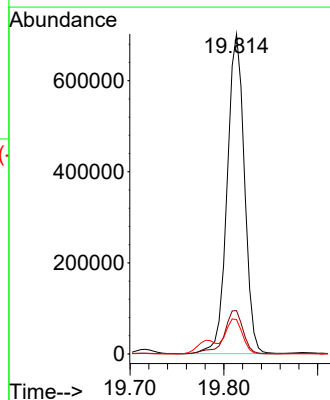
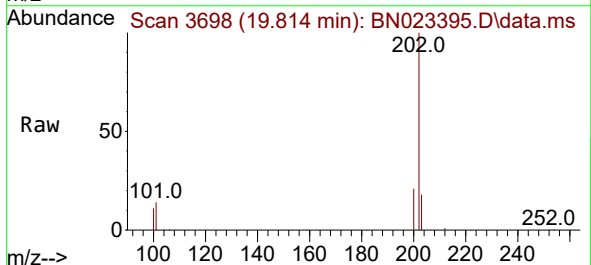
Instrument :
BNA_N
ClientSampleId :
DBXY2

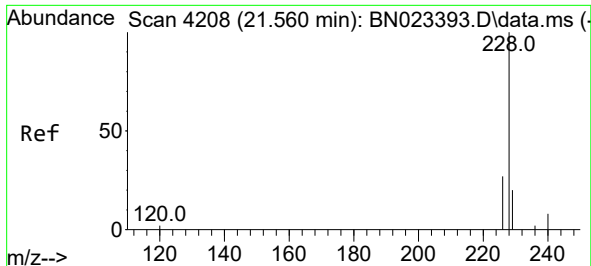
Tgt Ion:202 Resp: 1048455
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 8.7 7.0 10.6



#20
Pyrene
Concen: 8.089 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:202 Resp: 895778
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.7 9.0 13.4

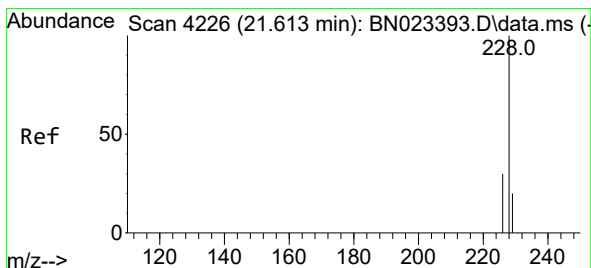
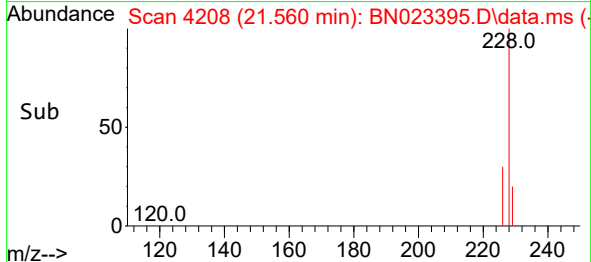
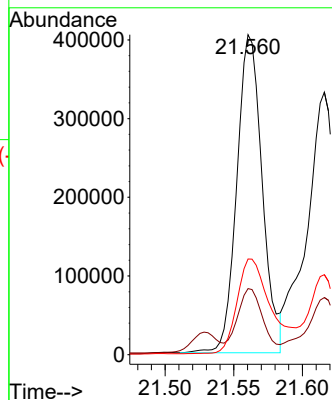
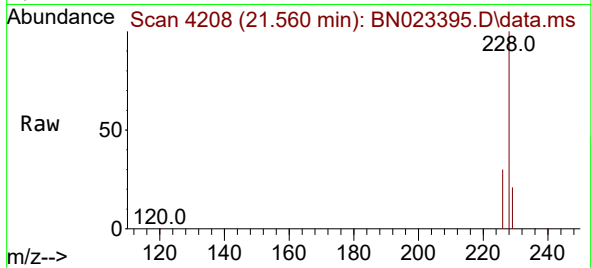




#21
Benzo(a)anthracene
Concen: 5.896 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

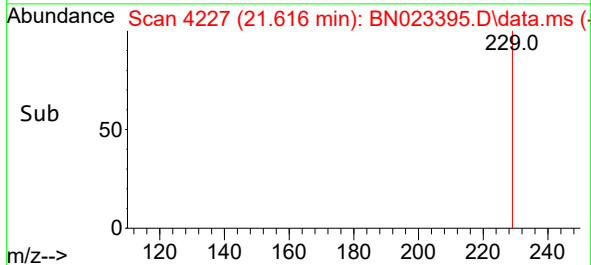
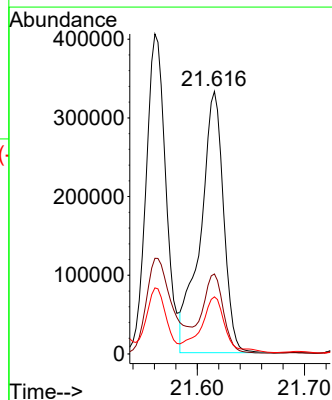
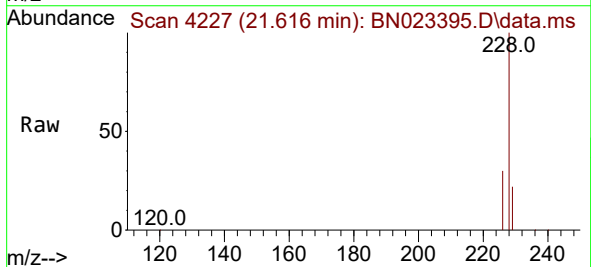
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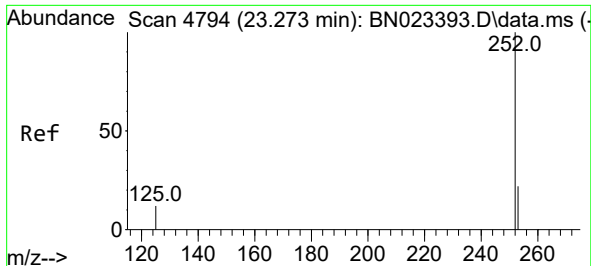
Tgt Ion:228 Resp: 519830
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 29.9 22.2 33.2



#22
Chrysene
Concen: 5.542 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:228 Resp: 496872
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.8 15.8 23.6

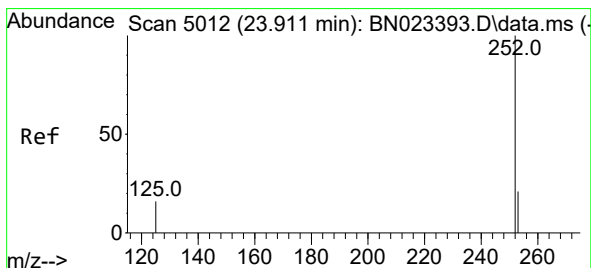
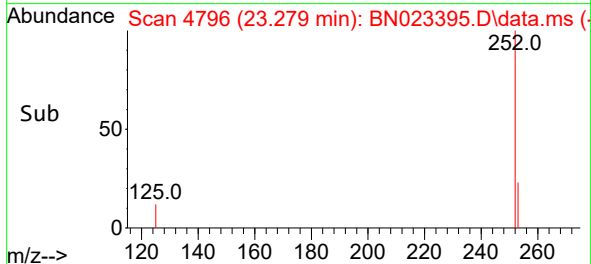
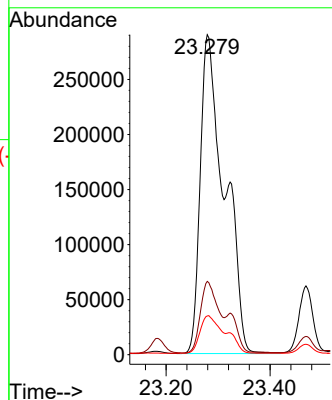
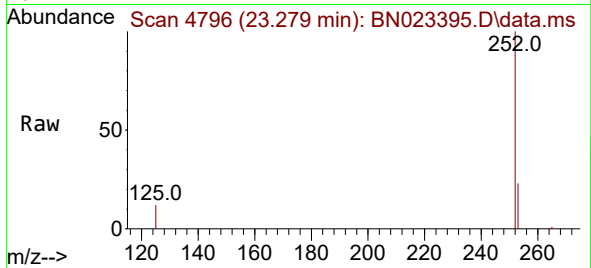




#24
Benzo(b)fluoranthene
Concen: 10.432 ng/ul
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

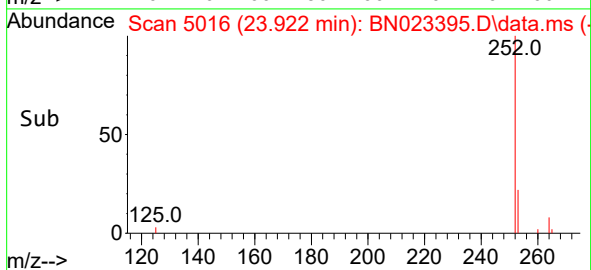
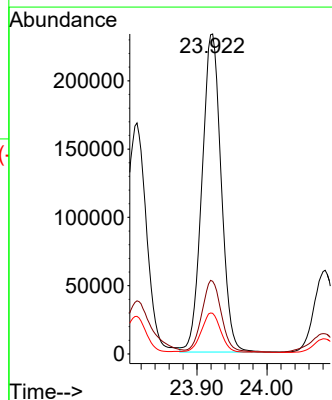
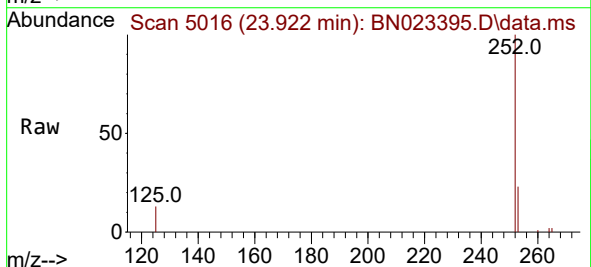
Instrument :
BNA_N
ClientSampleId :
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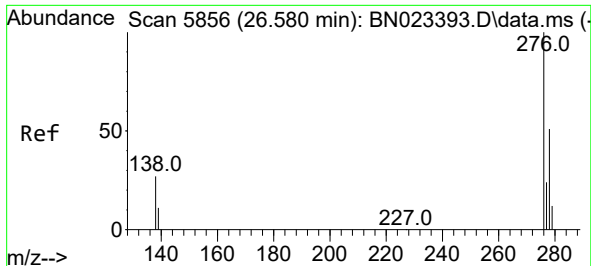
Tgt Ion:252 Resp: 936415
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.2
125 12.1 0.0 31.8



#26
Benzo(a)pyrene
Concen: 6.236 ng/ul
RT: 23.922 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Tgt Ion:252 Resp: 443195
Ion Ratio Lower Upper
252 100
253 22.7 21.4 32.2
125 12.7 16.2 24.4#

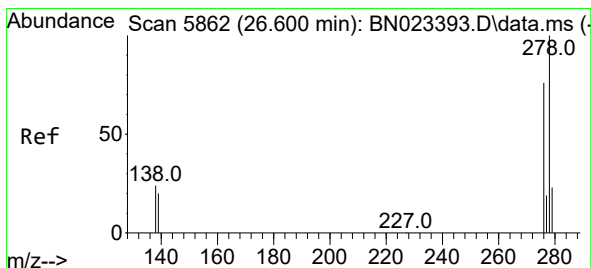
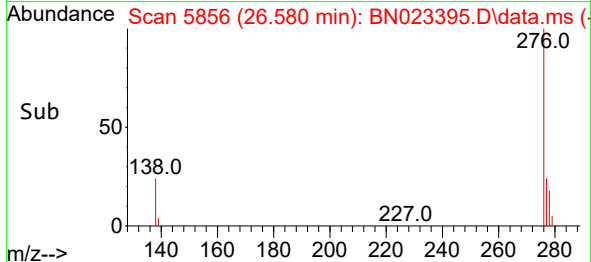
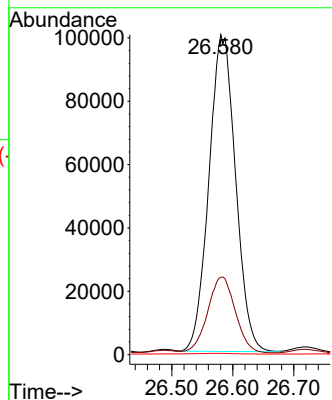
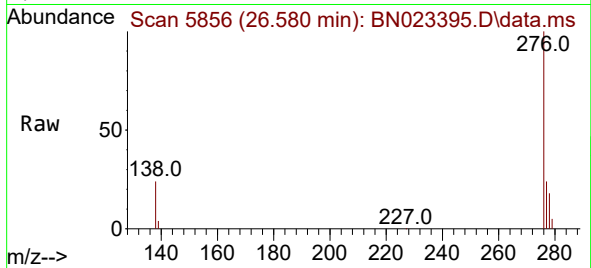




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.662 ng/ul
 RT: 26.580 min Scan# 5856
 Delta R.T. 0.003 min
 Lab File: BN023395.D
 Acq: 24 Dec 2022 05:52

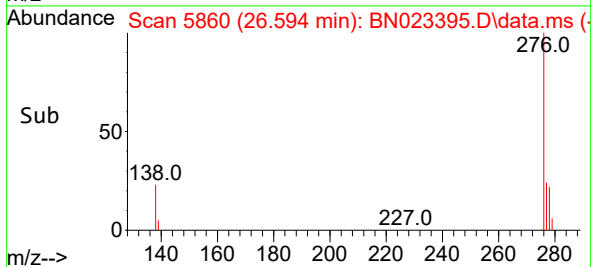
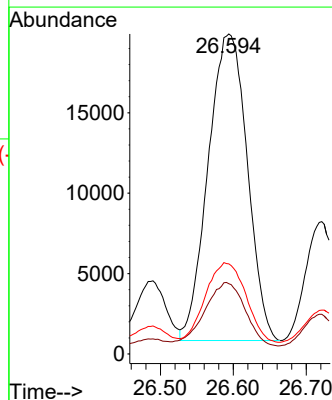
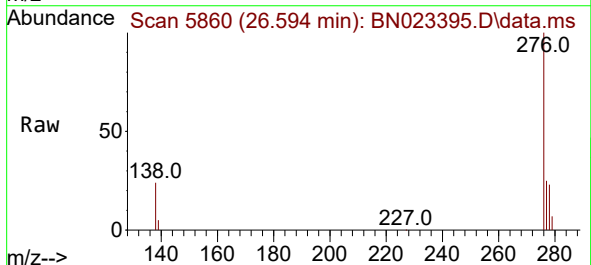
Instrument :
 BNA_N
 ClientSampleId :
 DBXY2

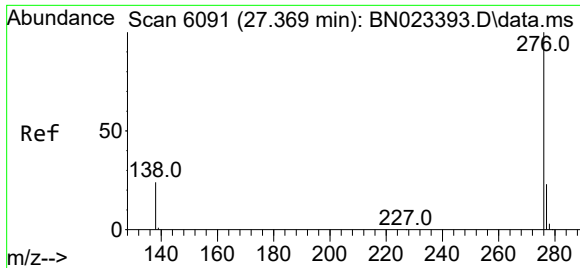
Tgt Ion:276 Resp: 303781
 Ion Ratio Lower Upper
 276 100
 138 24.8 23.4 35.2
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.103 ng/ul
 RT: 26.594 min Scan# 5860
 Delta R.T. -0.007 min
 Lab File: BN023395.D
 Acq: 24 Dec 2022 05:52

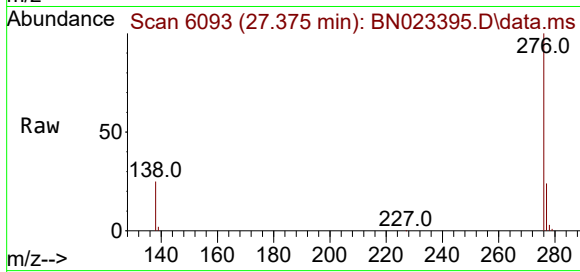
Tgt Ion:278 Resp: 70998
 Ion Ratio Lower Upper
 278 100
 139 22.0 16.6 24.8
 279 28.2 21.3 31.9





#29
Benzo(g,h,i)perylene
Concen: 4.305 ng/ul
RT: 27.375 min Scan# 6093
Delta R.T. 0.006 min
Lab File: BN023395.D
Acq: 24 Dec 2022 05:52

Instrument :
BNA_N
ClientSampleId :
DBXY2



Tgt Ion:276 Resp: 291080

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.3	30.5
277	24.2	19.7	29.5

