

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023425.D
 Acq On : 24 Dec 2022 23:50
 Operator : CG/JU
 Sample : N6018-16DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 25 04:21:32 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)

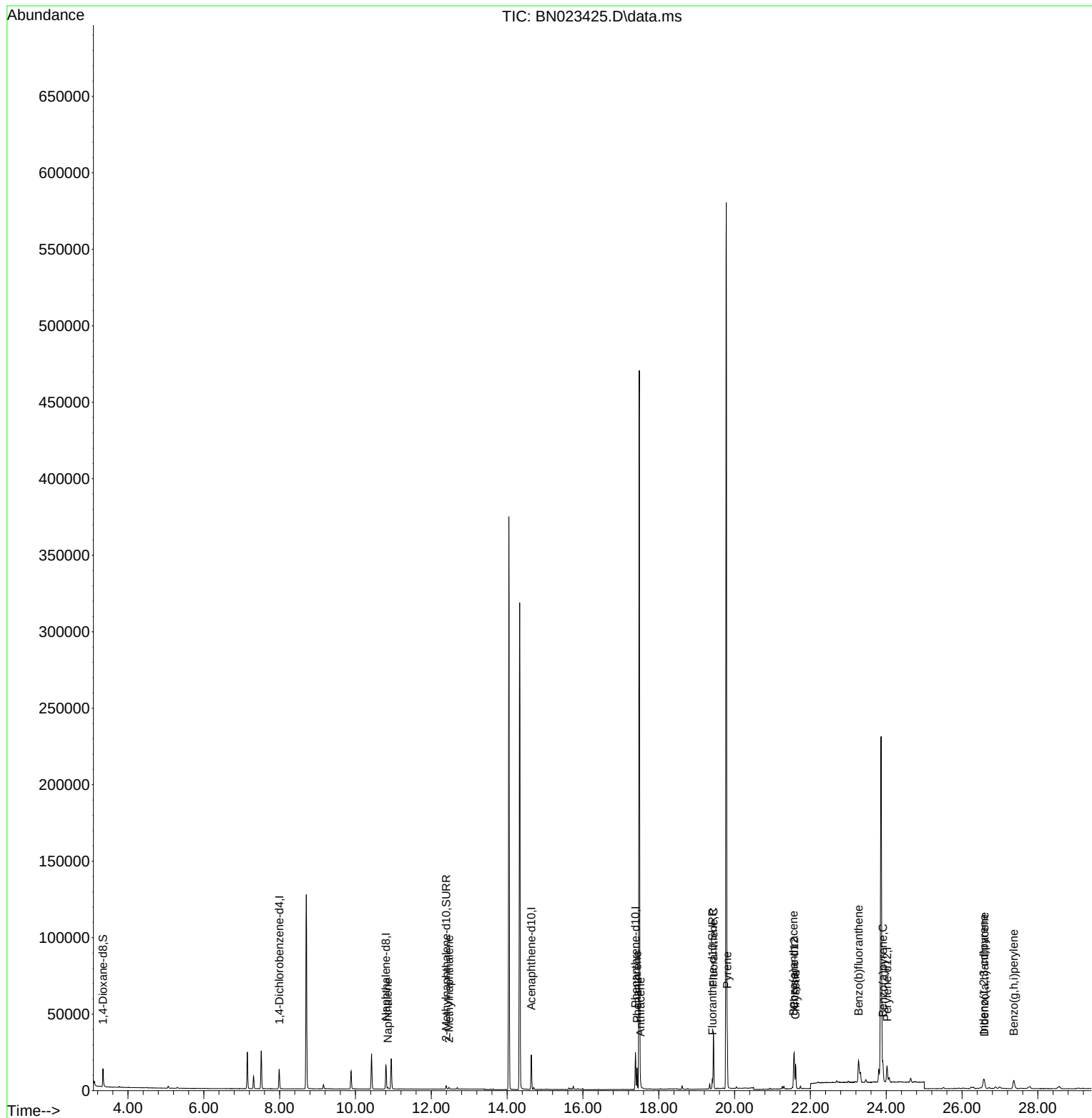
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	20780	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.639	164	11931	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	26960	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18312	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	14468	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	7962	1.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	2846	0.089	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	6344	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.852	128	1407	0.023	ng/ul#	83
7) 2-Methylnaphthalene	12.469	142	860	0.022	ng/ul	99
15) Phenanthrene	17.427	178	14040	0.160	ng/ul	99
16) Anthracene	17.520	178	2197	0.030	ng/ul#	89
19) Fluoranthene	19.442	202	30428	0.343	ng/ul	98
20) Pyrene	19.809	202	27554	0.308	ng/ul	98
21) Benzo(a)anthracene	21.557	228	13650	0.191	ng/ul	97
22) Chrysene	21.610	228	15734	0.217	ng/ul	96
24) Benzo(b)fluoranthene	23.270	252	30714	0.410	ng/ul	83
26) Benzo(a)pyrene	23.911	252	14963	0.253	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.574	276	11290	0.163	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.590	278	2603	0.049	ng/ul#	38
29) Benzo(g,h,i)perylene	27.365	276	11776	0.209	ng/ul#	93

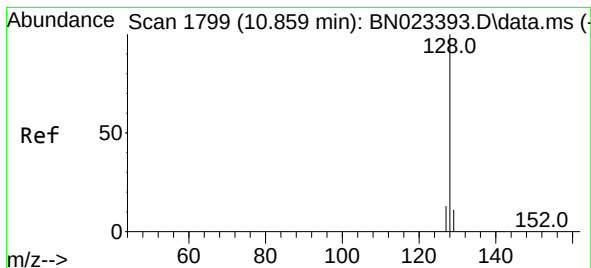
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 25 04:21:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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#5

Naphthalene

Concen: 0.023 ng/ul

RT: 10.852 min Scan# 1798

Delta R.T. -0.012 min

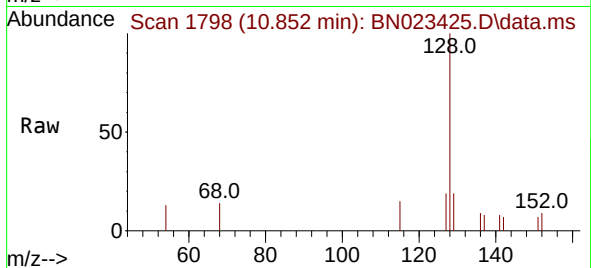
Lab File: BN023425.D

Acq: 24 Dec 2022 23:50

Instrument :

BNA_N

ClientSampleId :



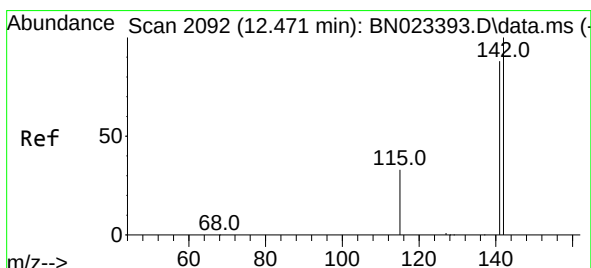
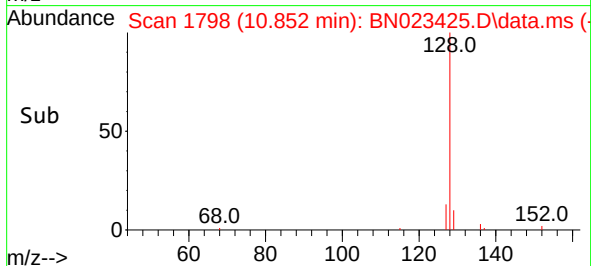
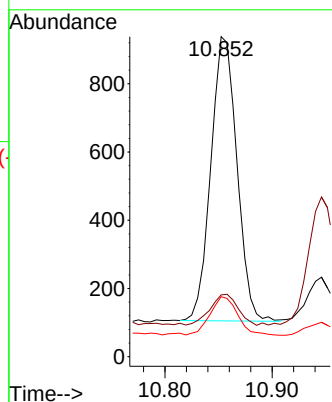
Tgt Ion:128 Resp: 1407

Ion Ratio Lower Upper

128 100

129 19.3 9.0 13.4#

127 18.8 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.469 min Scan# 2092

Delta R.T. -0.007 min

Lab File: BN023425.D

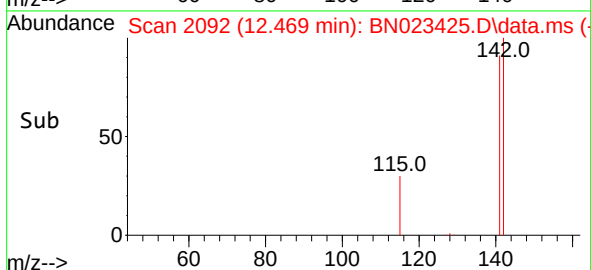
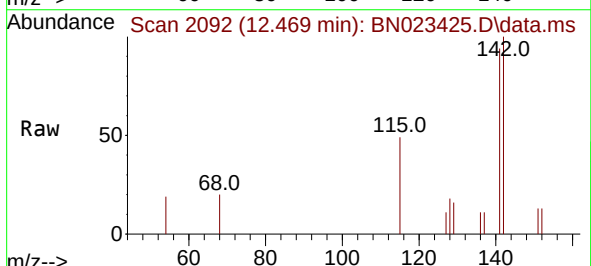
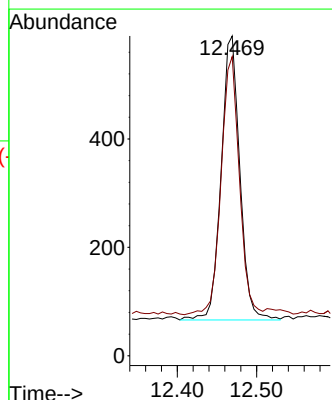
Acq: 24 Dec 2022 23:50

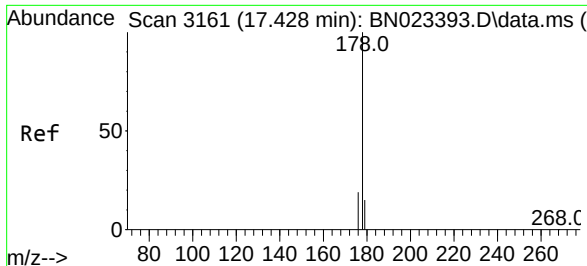
Tgt Ion:142 Resp: 860

Ion Ratio Lower Upper

142 100

141 88.3 71.4 107.2

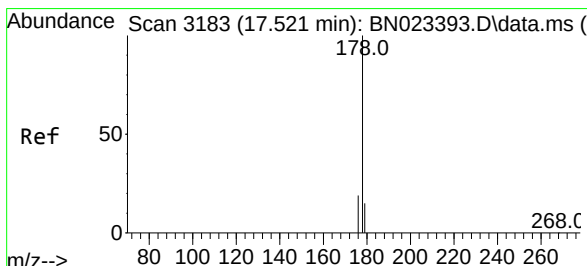
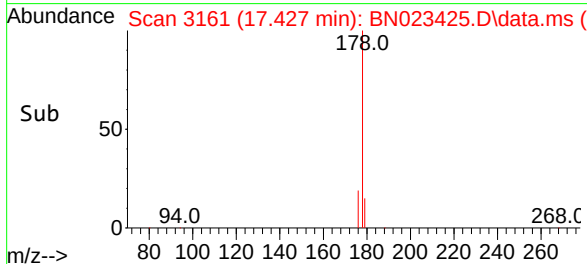
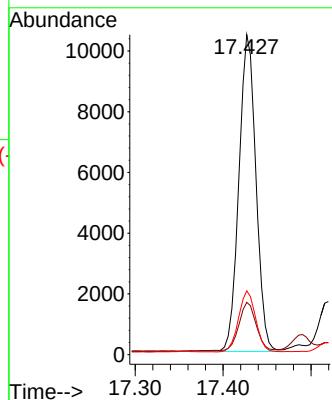
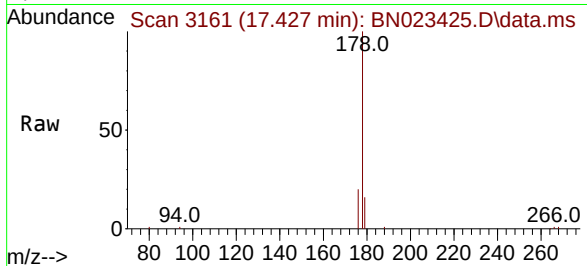




#15
Phenanthrene
Concen: 0.160 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

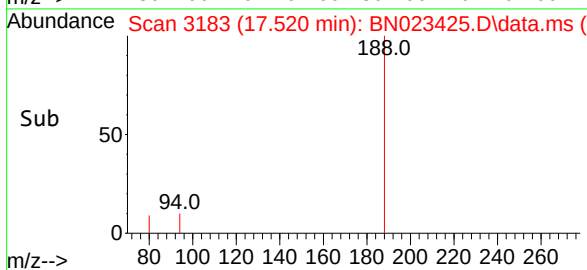
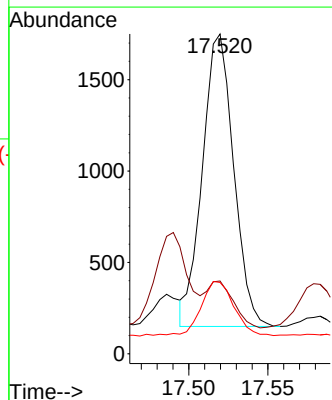
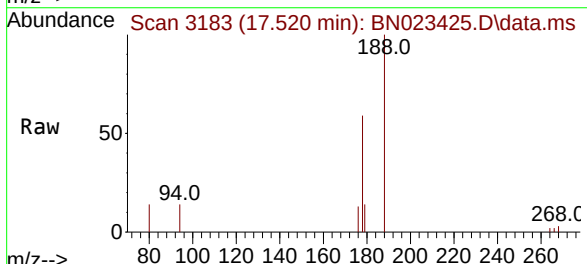
Instrument :
BNA_N
ClientSampleId :

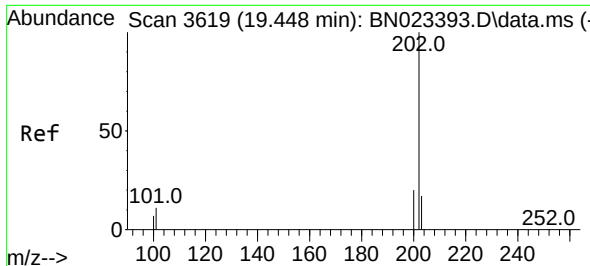
Tgt Ion:178 Resp: 14040
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.520 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

Tgt Ion:178 Resp: 2197
Ion Ratio Lower Upper
178 100
179 22.8 12.6 18.8#
176 22.3 15.4 23.0

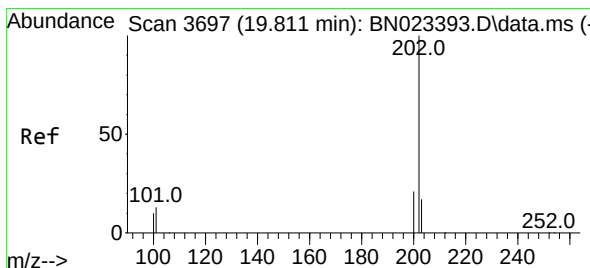
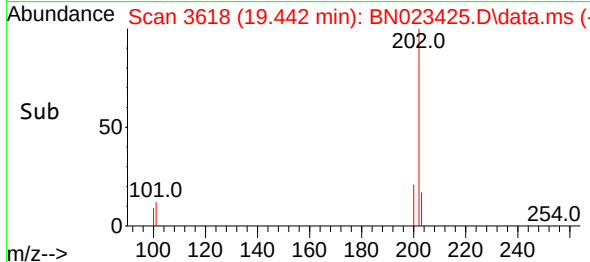
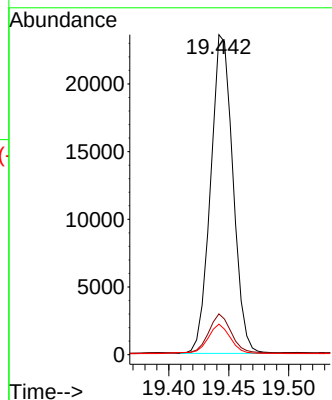
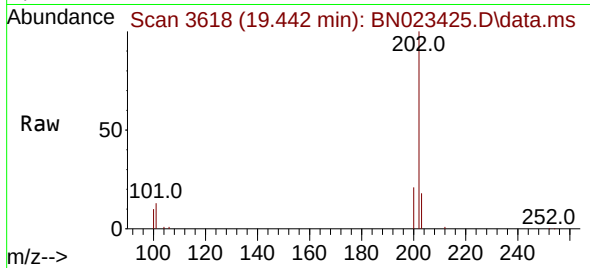




#19
Fluoranthene
Concen: 0.343 ng/u1
RT: 19.442 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

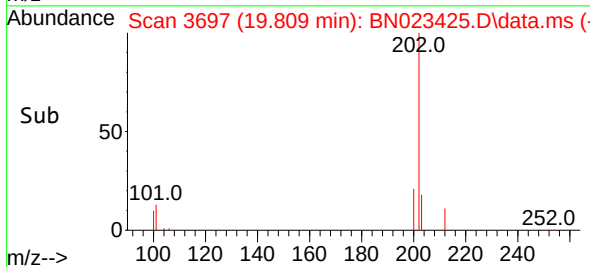
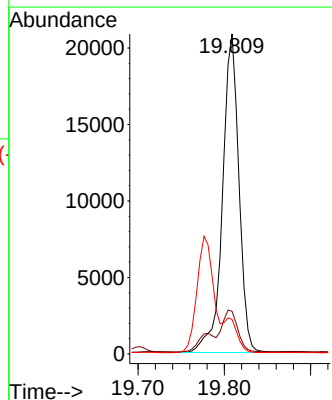
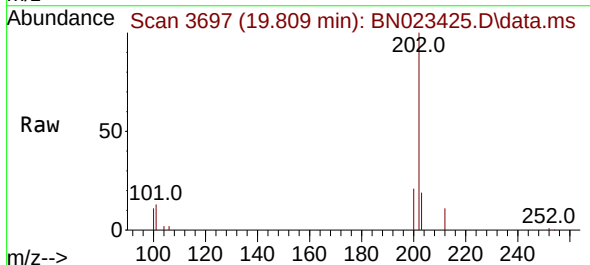
Instrument :
BNA_N
ClientSampleId :

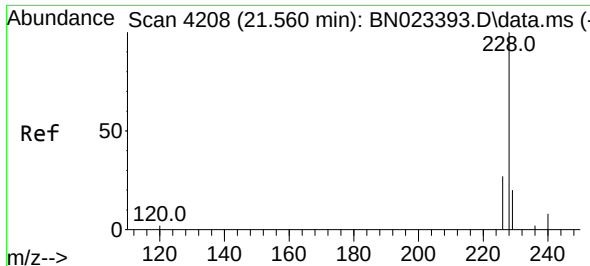
Tgt Ion:202 Resp: 30428
Ion Ratio Lower Upper
202 100
101 12.8 9.4 14.2
100 9.6 7.0 10.6



#20
Pyrene
Concen: 0.308 ng/u1
RT: 19.809 min Scan# 3697
Delta R.T. -0.002 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

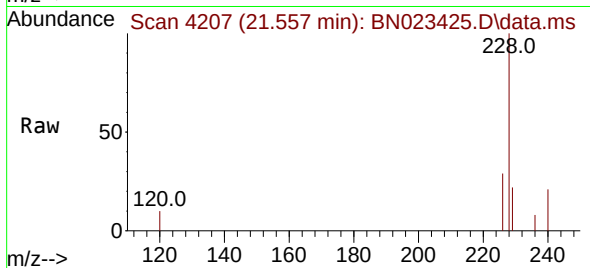
Tgt Ion:202 Resp: 27554
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.8 9.0 13.4



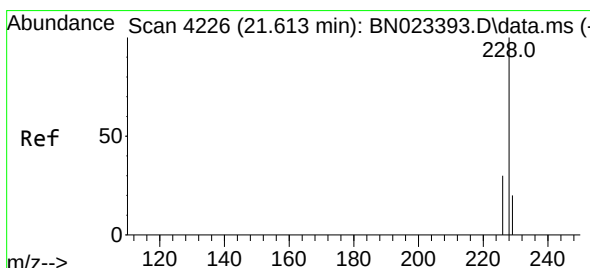
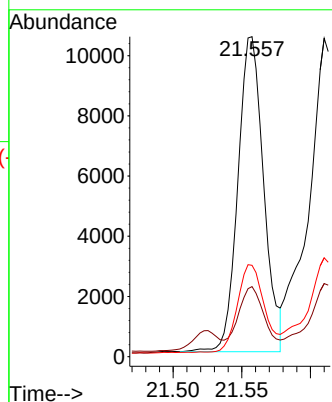
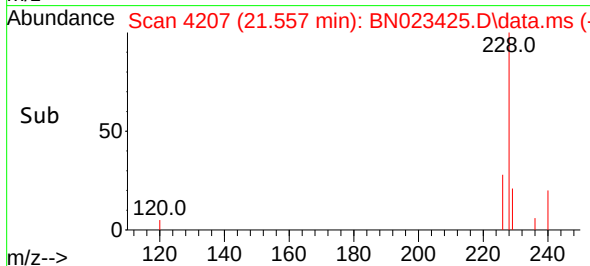


#21
Benzo(a)anthracene
Concen: 0.191 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

Instrument :
BNA_N
ClientSampleId :

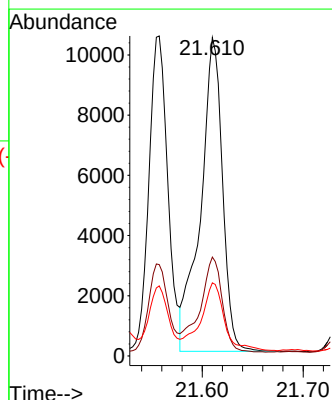
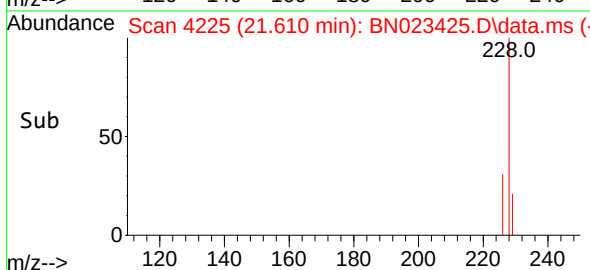
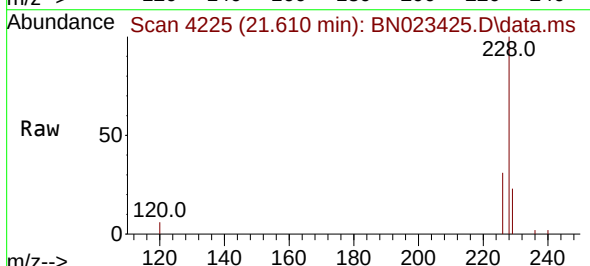


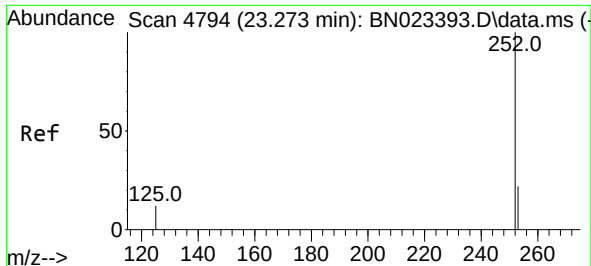
Tgt Ion:228 Resp: 13650
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 28.5 22.2 33.2



#22
Chrysene
Concen: 0.217 ng/ul
RT: 21.610 min Scan# 4225
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

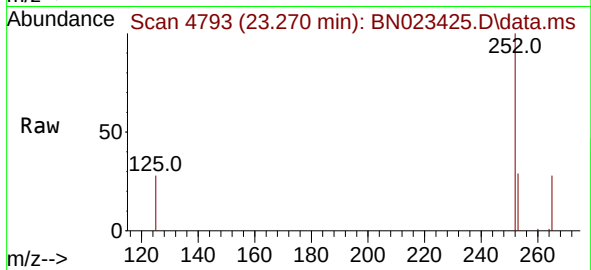
Tgt Ion:228 Resp: 15734
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.0 15.8 23.6



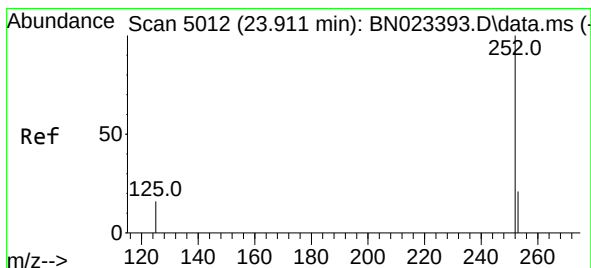
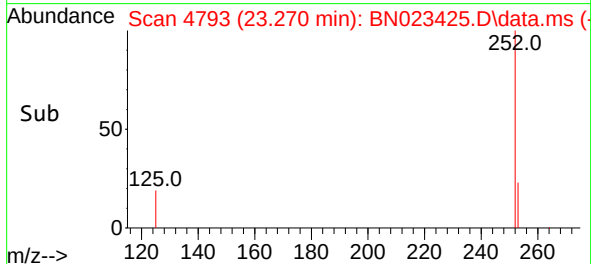
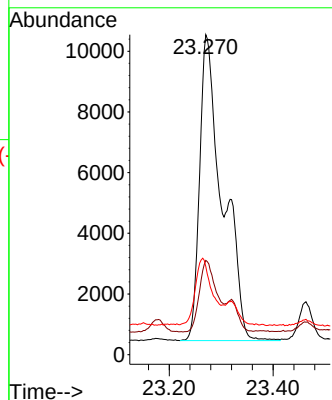


#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.270 min Scan# 4794
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

Instrument :
BNA_N
ClientSampleId :

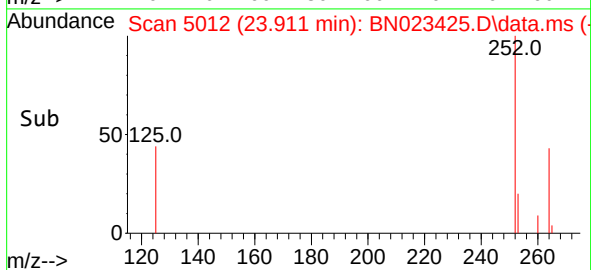
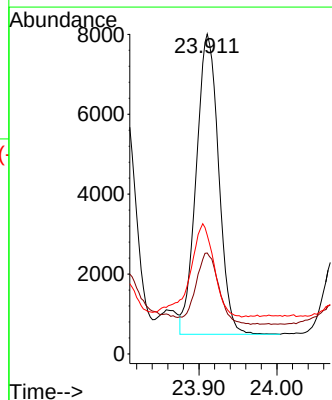
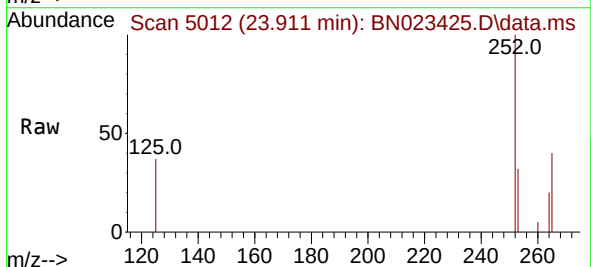


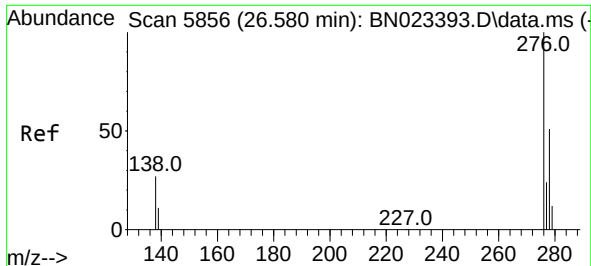
Tgt Ion:252 Resp: 30714
Ion Ratio Lower Upper
252 100
253 29.4 0.0 49.2
125 27.5 0.0 31.8



#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.911 min Scan# 5012
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

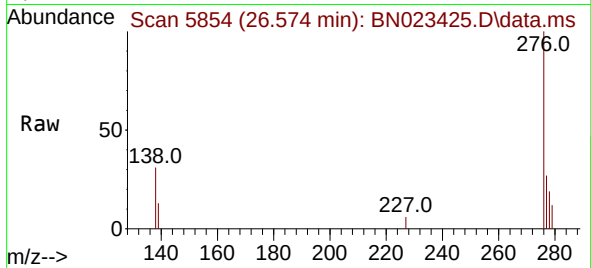
Tgt Ion:252 Resp: 14963
Ion Ratio Lower Upper
252 100
253 31.6 21.4 32.2
125 37.1 16.2 24.4#



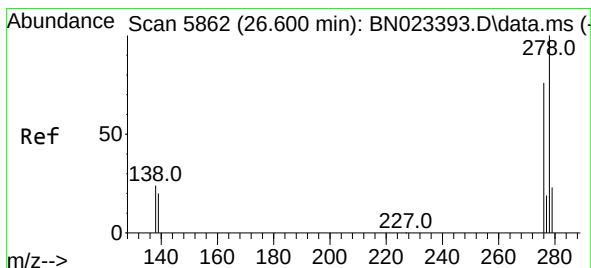
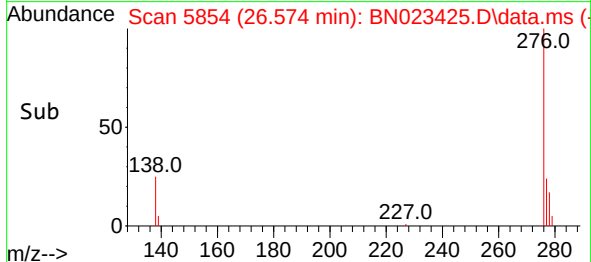
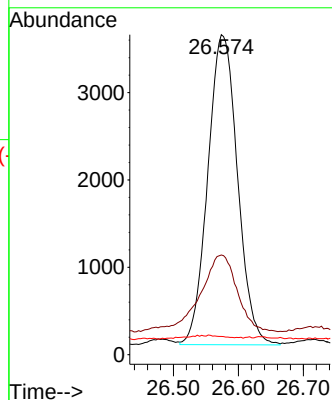


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng/ul
 RT: 26.574 min Scan# 5854
 Delta R.T. -0.004 min
 Lab File: BN023425.D
 Acq: 24 Dec 2022 23:50

Instrument :
 BNA_N
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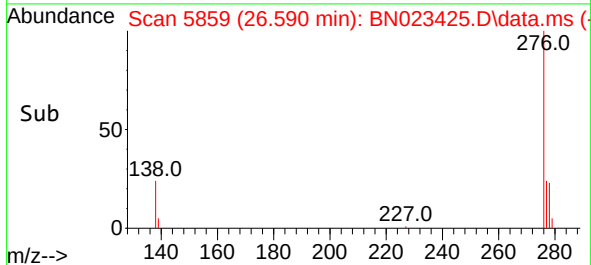
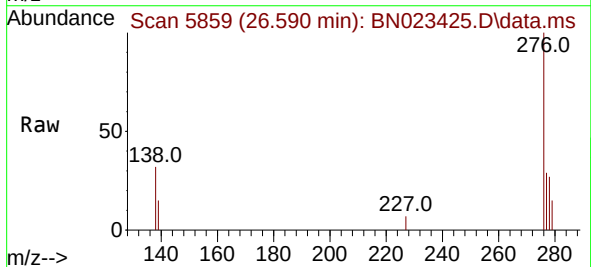
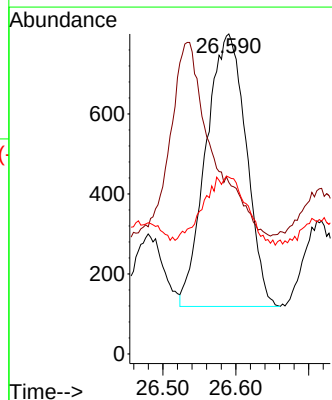


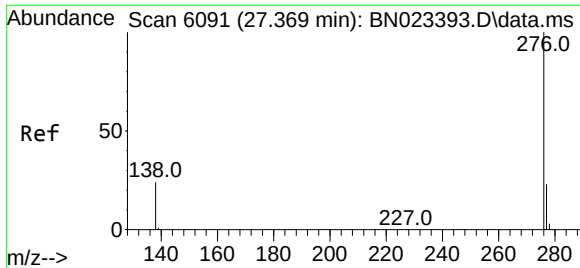
Tgt Ion:276 Resp: 11290
 Ion Ratio Lower Upper
 276 100
 138 31.6 23.4 35.2
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/ul
 RT: 26.590 min Scan# 5859
 Delta R.T. -0.011 min
 Lab File: BN023425.D
 Acq: 24 Dec 2022 23:50

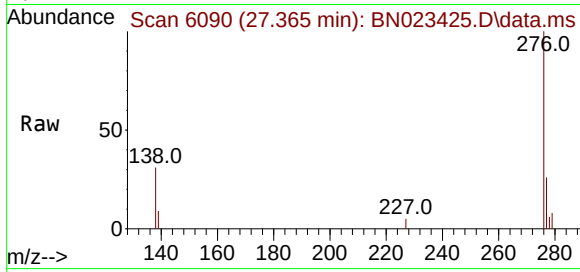
Tgt Ion:278 Resp: 2603
 Ion Ratio Lower Upper
 278 100
 139 53.6 16.6 24.8#
 279 55.3 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.209 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.004 min
 Lab File: BN023425.D
 Acq: 24 Dec 2022 23:50

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 11776
 Ion Ratio Lower Upper
 276 100
 138 30.6 20.3 30.5#
 277 26.3 19.7 29.5

