

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023399.D
 Acq On : 24 Dec 2022 08:16
 Operator : CG/JU
 Sample : N6015-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT7

Quant Time: Dec 24 23:17:10 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)

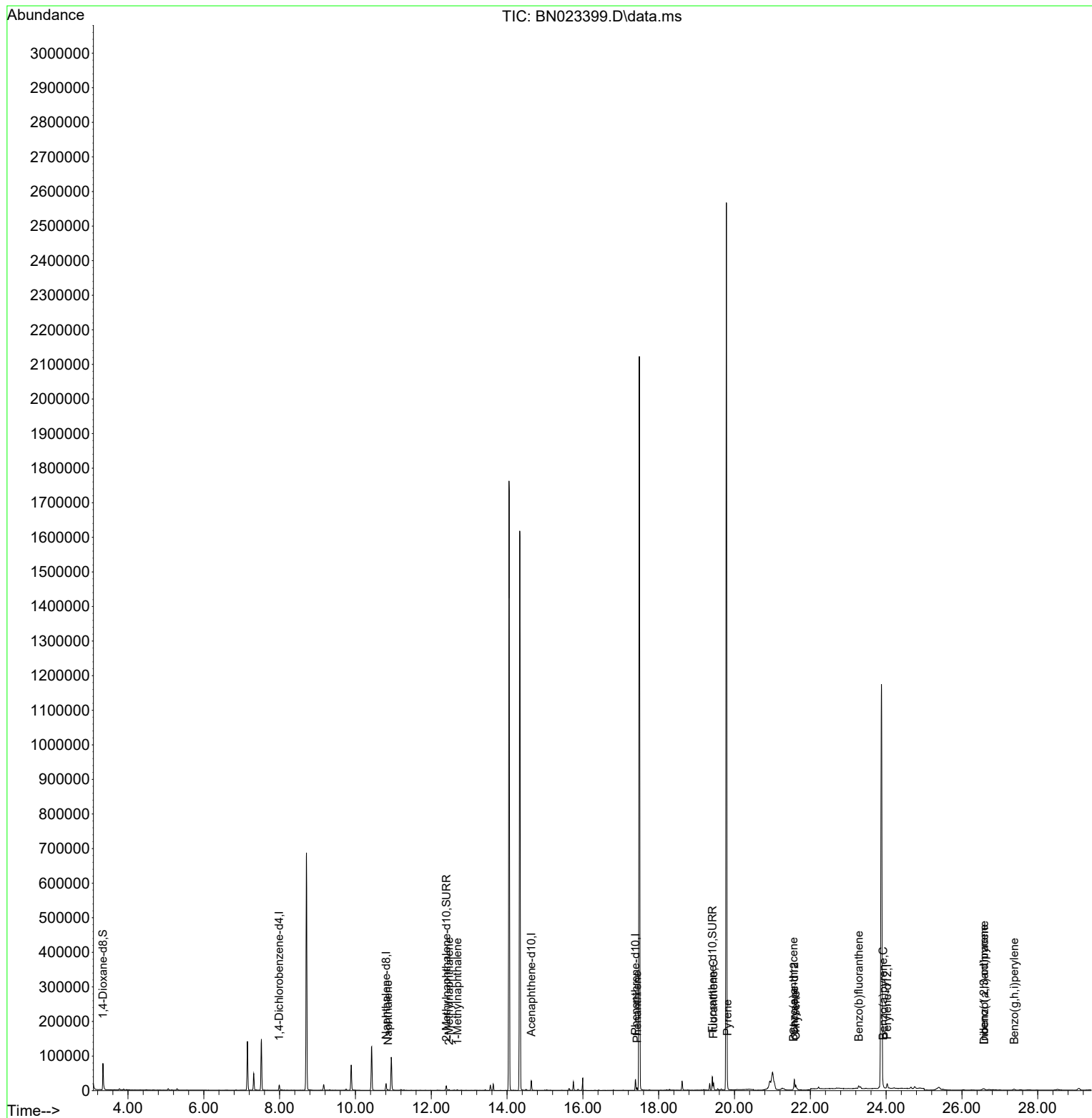
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	7262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	24251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	34602	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	23996	0.400	ng/ul	# 0.00
23) Perylene-d12	24.030	264	18898	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	50097	6.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.397	152	16358	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.418	212	38799	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	1730	0.024	ng/ul#	85
7) 2-Methylnaphthalene	12.469	142	1404	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	1115	0.024	ng/ul	99
15) Phenanthrene	17.431	178	6622	0.059	ng/ul#	94
19) Fluoranthene	19.446	202	15417	0.132	ng/ul#	87
20) Pyrene	19.813	202	11351	0.097	ng/ul	96
21) Benzo(a)anthracene	21.560	228	6473	0.069	ng/ul#	86
22) Chrysene	21.616	228	9028	0.095	ng/ul#	63
24) Benzo(b)fluoranthene	23.279	252	15839	0.162	ng/ul#	55
26) Benzo(a)pyrene	23.922	252	6526	0.084	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.580	276	5655	0.063	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.590	278	1431	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.378	276	5674	0.077	ng/ul#	72

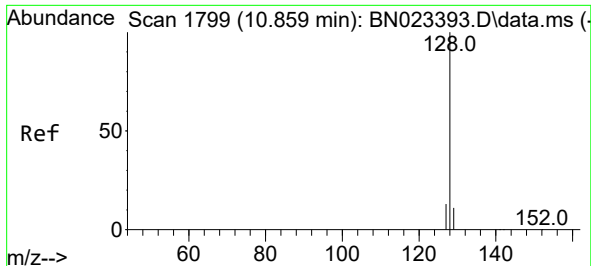
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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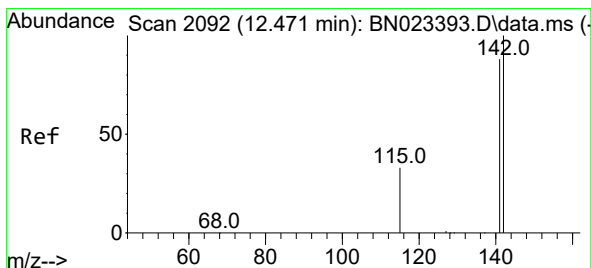
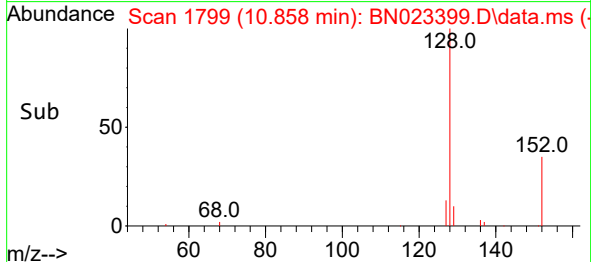
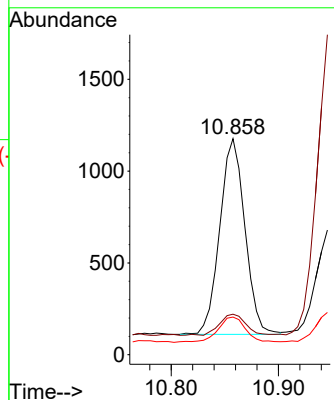
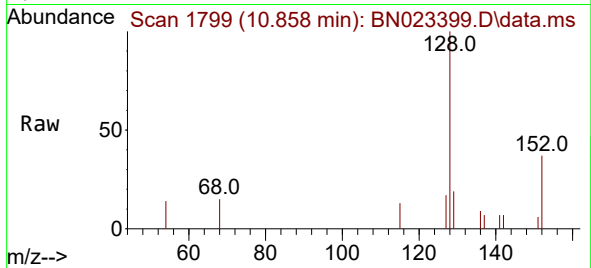




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

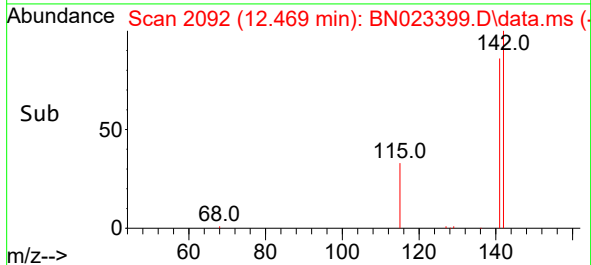
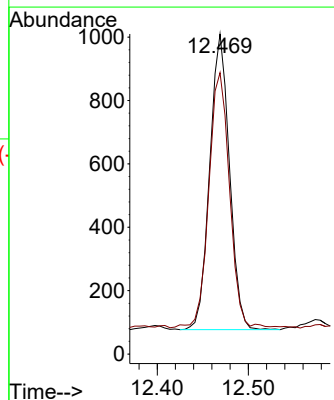
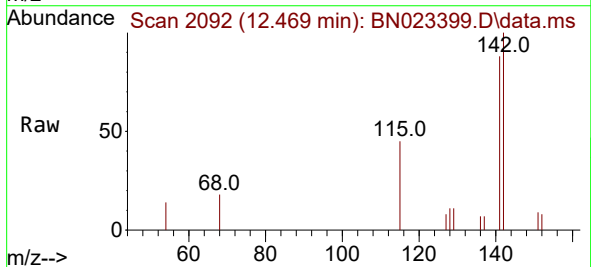
Instrument :
BNA_N
ClientSampleId :
DBXT7

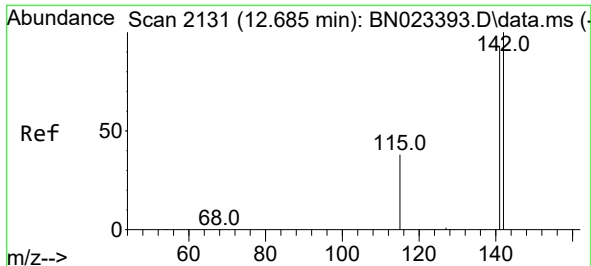
Tgt Ion:128 Resp: 1730
Ion Ratio Lower Upper
128 100
129 18.8 9.0 13.4#
127 17.4 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

Tgt Ion:142 Resp: 1404
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.2

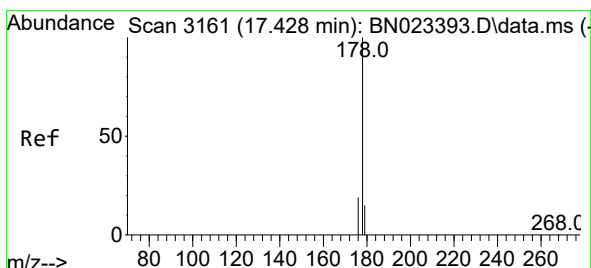
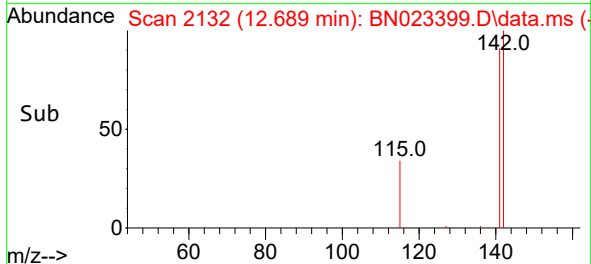
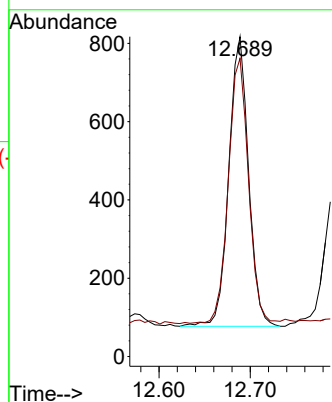
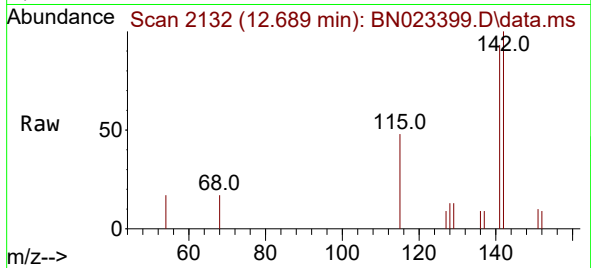




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.689 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

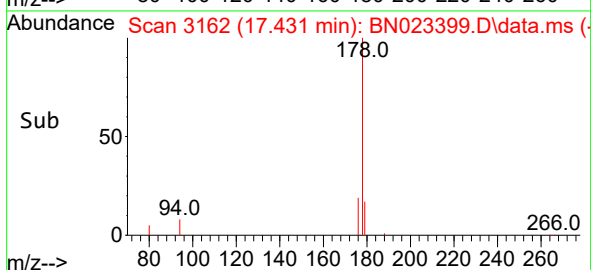
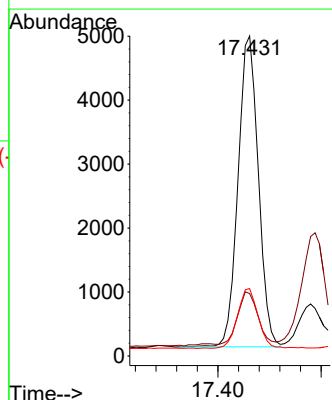
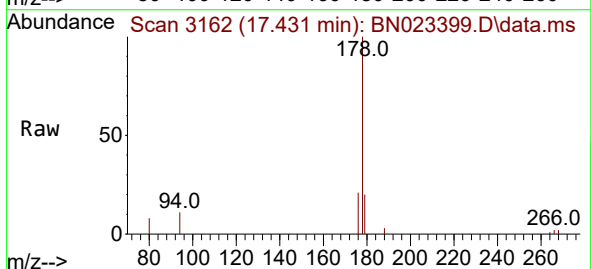
Instrument :
BNA_N
ClientSampleId :
DBXT7

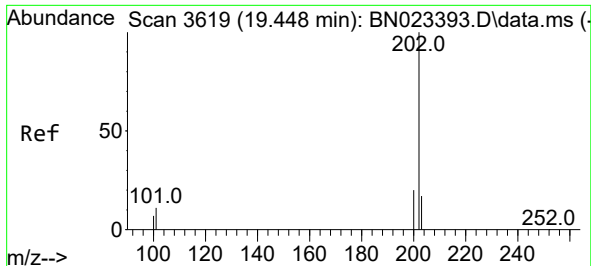
Tgt Ion:142 Resp: 1115
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0



#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

Tgt Ion:178 Resp: 6622
Ion Ratio Lower Upper
178 100
179 19.5 12.5 18.7#
176 21.1 15.7 23.5

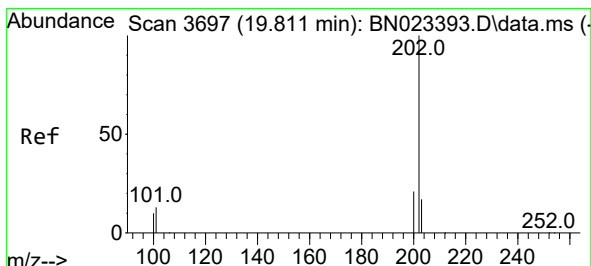
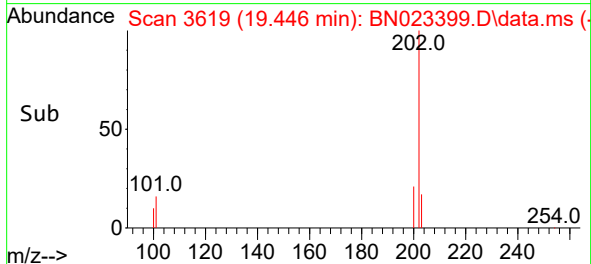
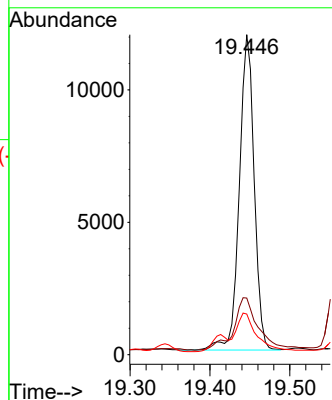
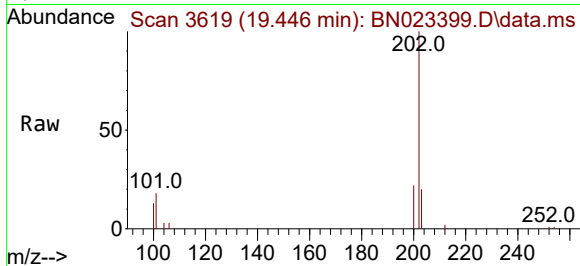




#19
Fluoranthene
Concen: 0.132 ng/ul
RT: 19.446 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

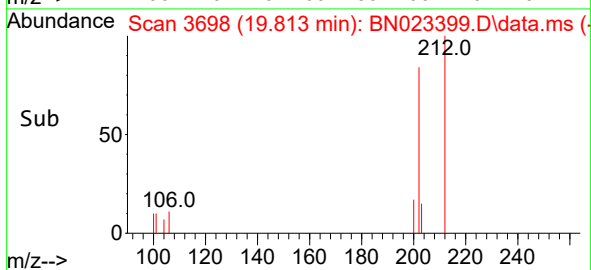
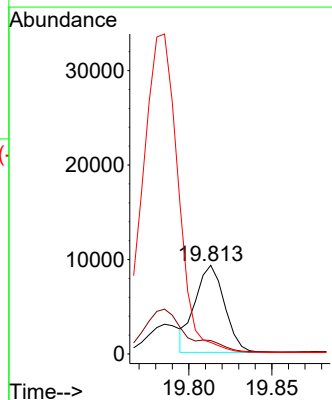
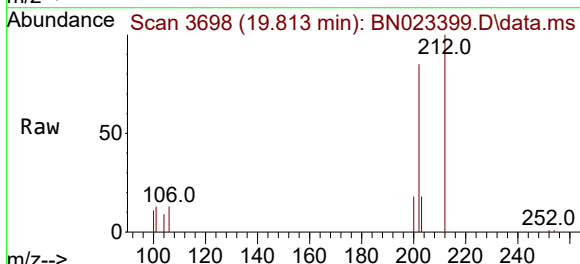
Instrument :
BNA_N
ClientSampleId :
DBXT7

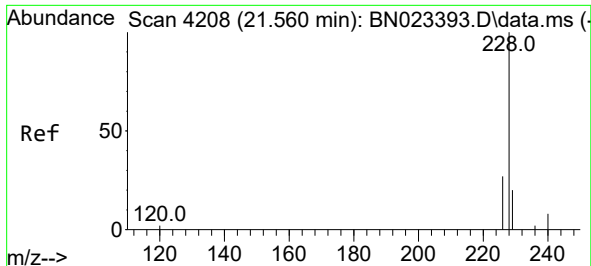
Tgt Ion:202 Resp: 15417
Ion Ratio Lower Upper
202 100
101 17.7 9.4 14.2#
100 12.7 7.0 10.6#



#20
Pyrene
Concen: 0.097 ng/ul
RT: 19.813 min Scan# 3698
Delta R.T. 0.002 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

Tgt Ion:202 Resp: 11351
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 13.0 9.0 13.4

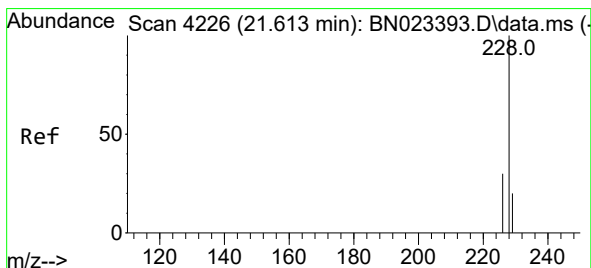
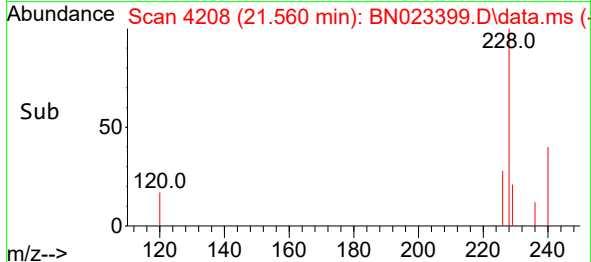
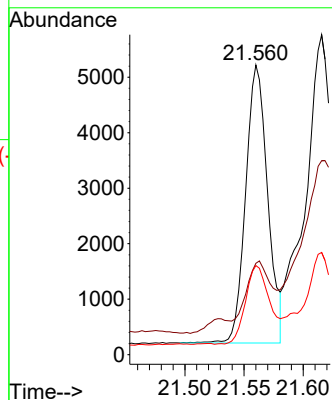
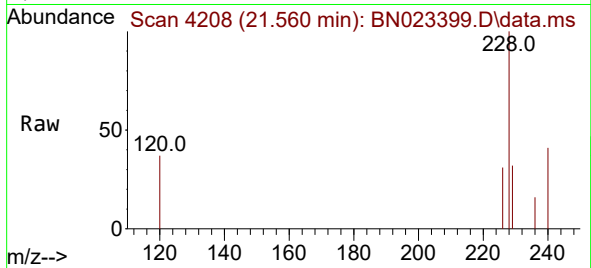




#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

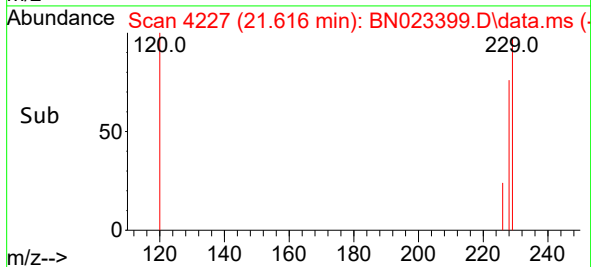
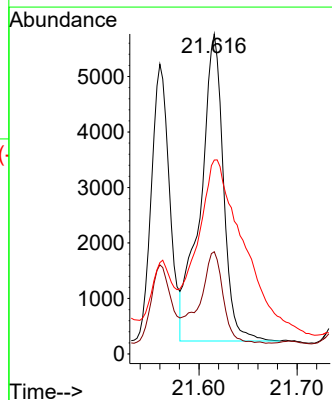
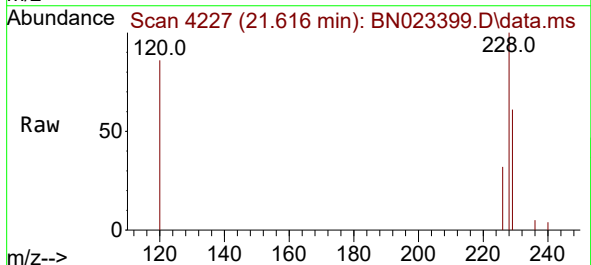
Instrument :
BNA_N
ClientSampleId :
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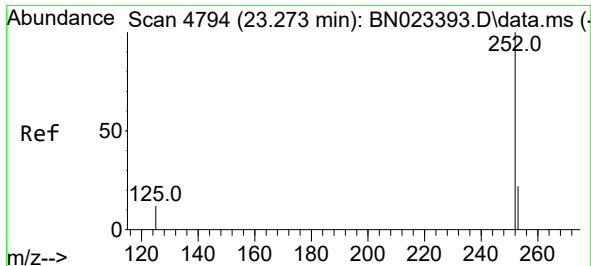
Tgt Ion:228 Resp: 6473
Ion Ratio Lower Upper
228 100
229 31.5 15.6 23.4#
226 30.7 22.2 33.2



#22
Chrysene
Concen: 0.095 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

Tgt Ion:228 Resp: 9028
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 60.6 15.8 23.6#

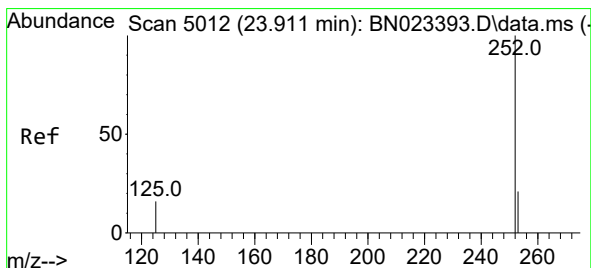
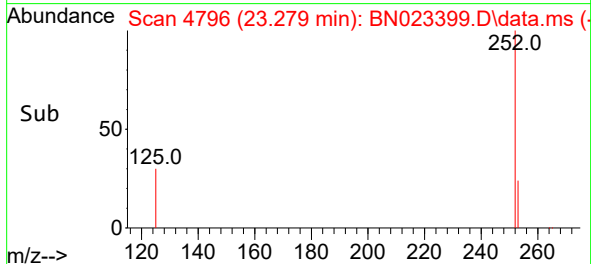
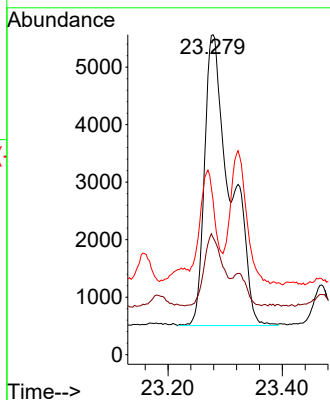
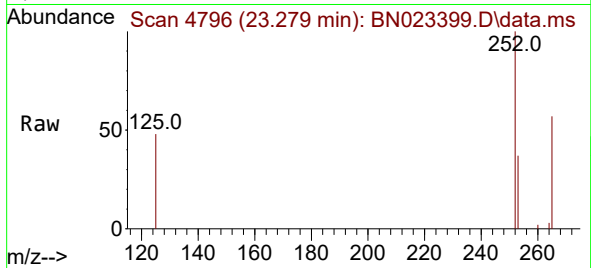




#24
Benzo(b)fluoranthene
Concen: 0.162 ng/ul
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

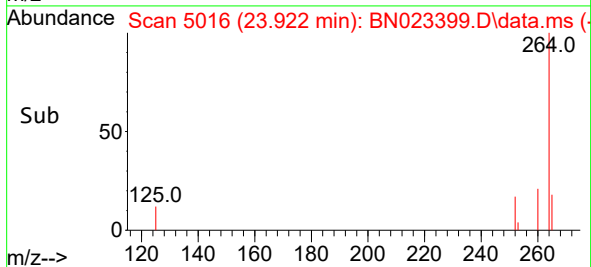
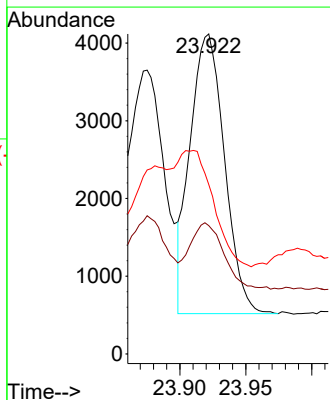
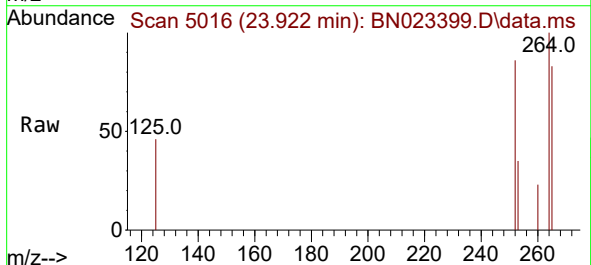
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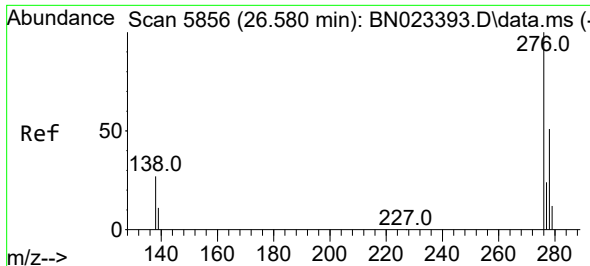
Tgt Ion:252 Resp: 15839
Ion Ratio Lower Upper
252 100
253 36.6 0.0 49.2
125 48.2 0.0 31.8#



#26
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.922 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023399.D
Acq: 24 Dec 2022 08:16

Tgt Ion:252 Resp: 6526
Ion Ratio Lower Upper
252 100
253 40.1 21.4 32.2#
125 52.9 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng/ul

RT: 26.580 min Scan# 5856

Delta R.T. 0.002 min

Lab File: BN023399.D

Acq: 24 Dec 2022 08:16

Instrument :

BNA_N

ClientSampleId :

DBXT7

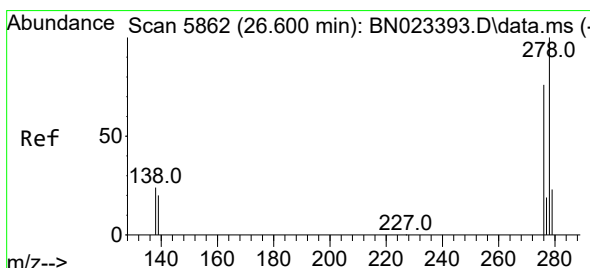
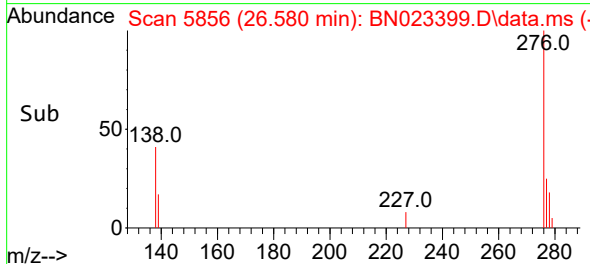
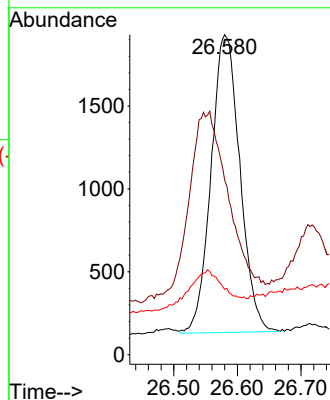
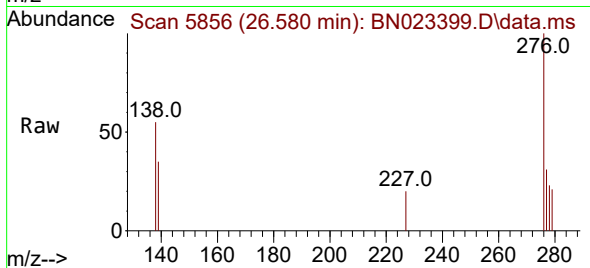
Tgt Ion:276 Resp: 5655

Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.020 ng/ul

RT: 26.590 min Scan# 5859

Delta R.T. -0.011 min

Lab File: BN023399.D

Acq: 24 Dec 2022 08:16

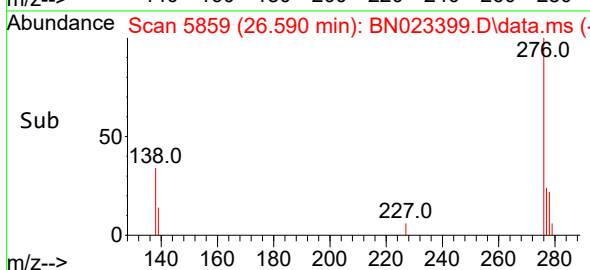
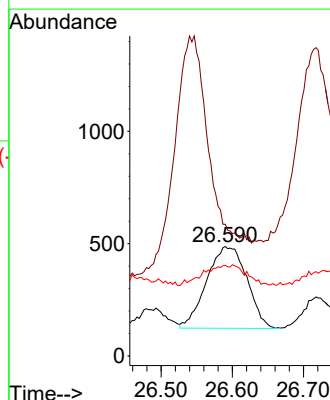
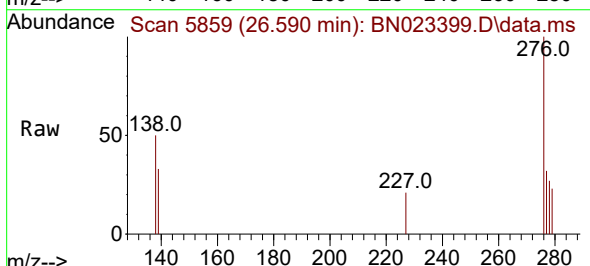
Tgt Ion:278 Resp: 1431

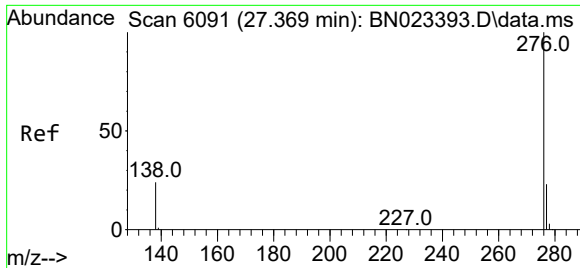
Ion Ratio Lower Upper

278 100

139 120.3 16.6 24.8#

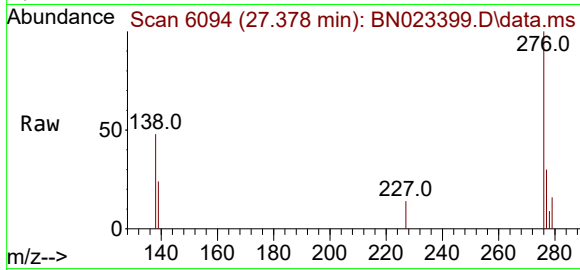
279 82.8 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.077 ng/ul
 RT: 27.378 min Scan# 6094
 Delta R.T. 0.009 min
 Lab File: BN023399.D
 Acq: 24 Dec 2022 08:16

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 5674
 Ion Ratio Lower Upper
 276 100
 138 48.2 20.3 30.5#
 277 29.9 19.7 29.5#

