

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023398.D
 Acq On : 24 Dec 2022 07:40
 Operator : CG/JU
 Sample : N6015-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT6

Quant Time: Dec 24 23:17:01 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)

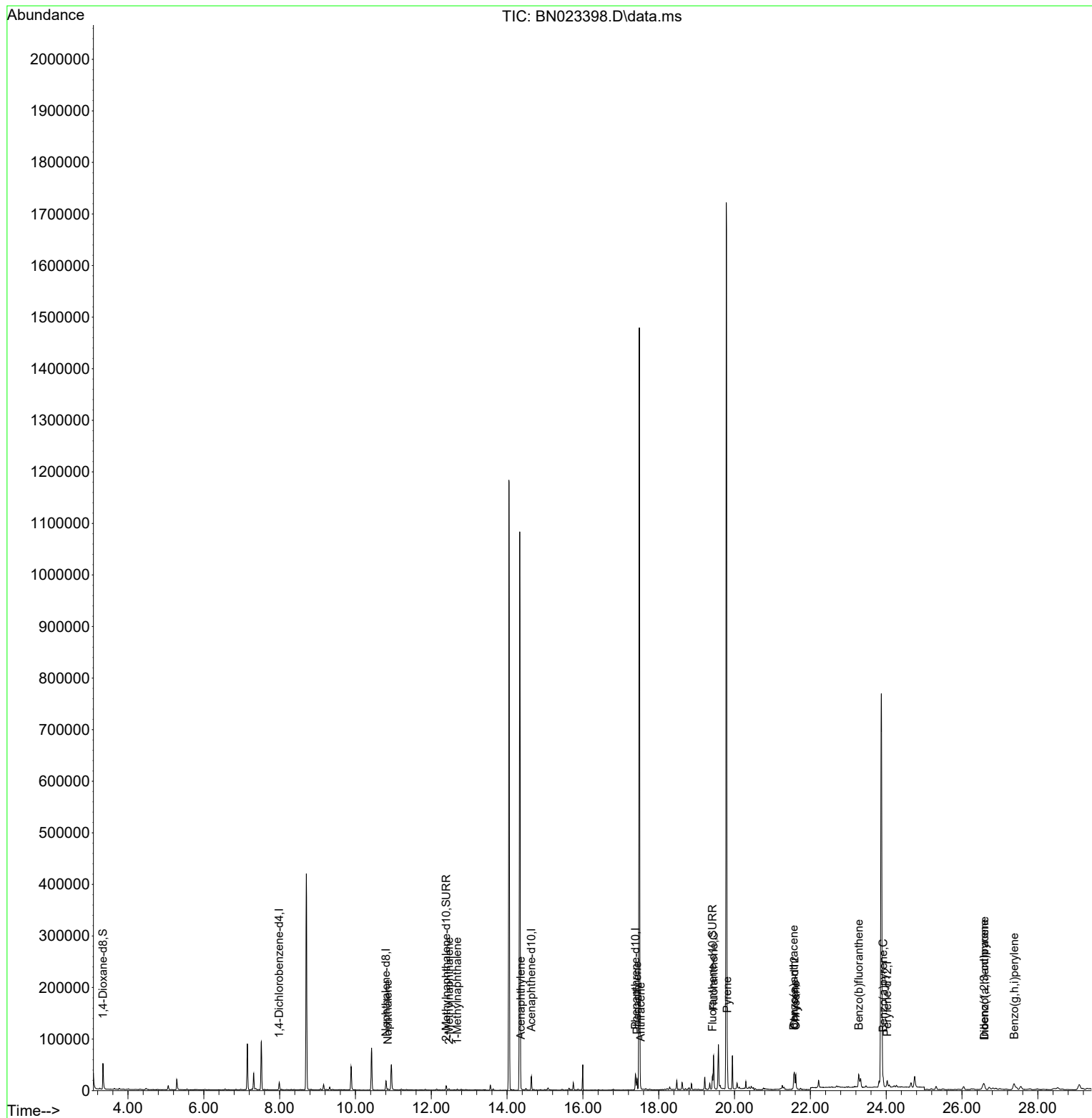
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	6998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23200	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.640	164	13854	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	32838	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.579	240	22794	0.400	ng/ul	# 0.00
23) Perylene-d12	24.026	264	17884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	32855	4.321	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	10103	0.282	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	24281	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	2686	0.039	ng/ul#	90
7) 2-Methylnaphthalene	12.470	142	1438	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	1098	0.024	ng/ul	85
10) Acenaphthylene	14.363	152	1565	0.025	ng/ul#	75
15) Phenanthrene	17.428	178	18268	0.171	ng/ul#	79
16) Anthracene	17.521	178	2550	0.029	ng/ul#	80
19) Fluoranthene	19.448	202	49970	0.452	ng/ul#	82
20) Pyrene	19.810	202	39855	0.358	ng/ul	98
21) Benzo(a)anthracene	21.562	228	21305	0.240	ng/ul#	95
22) Chrysene	21.615	228	25853	0.286	ng/ul#	91
24) Benzo(b)fluoranthene	23.278	252	47925	0.518	ng/ul#	73
26) Benzo(a)pyrene	23.918	252	20988	0.287	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.585	276	17138	0.200	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.592	278	4301	0.065	ng/ul#	25
29) Benzo(g,h,i)perylene	27.377	276	17472	0.251	ng/ul#	44

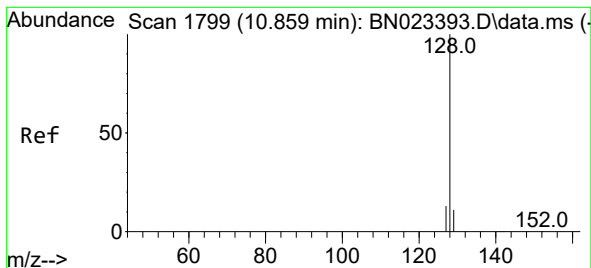
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.039 ng/ul

RT: 10.854 min Scan# 1798

Delta R.T. -0.011 min

Lab File: BN023398.D

Acq: 24 Dec 2022 07:40

Instrument :

BNA_N

ClientSampleId :

DBXT6

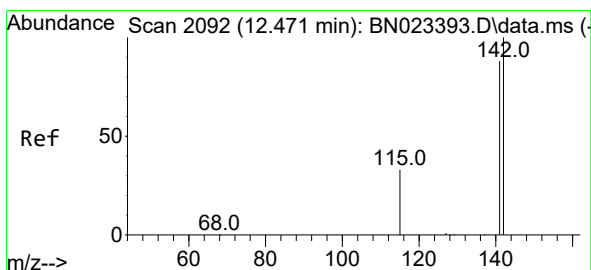
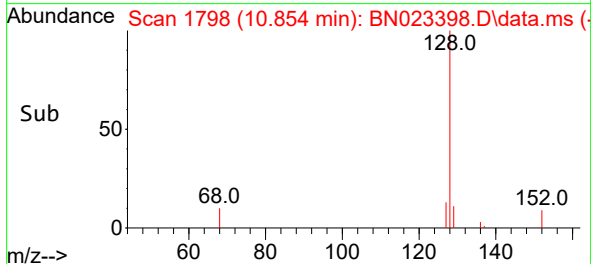
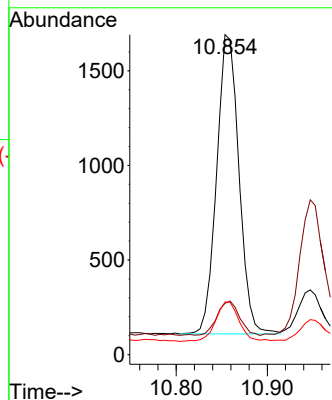
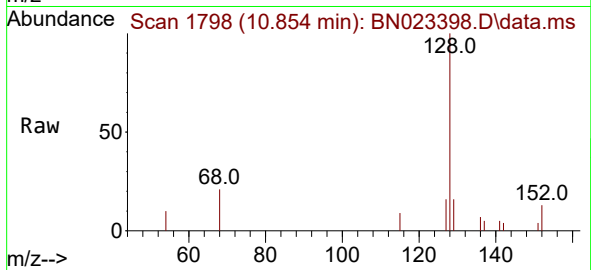
Tgt Ion:128 Resp: 2686

Ion Ratio Lower Upper

128 100

129 16.0 9.0 13.4#

127 16.4 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.470 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BN023398.D

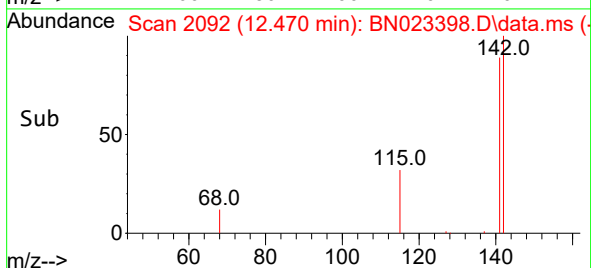
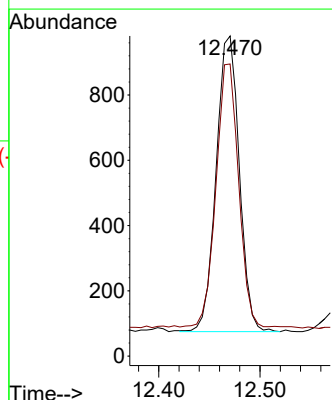
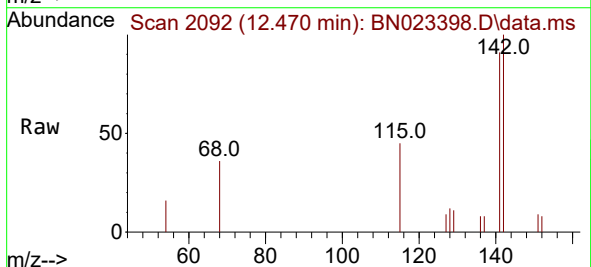
Acq: 24 Dec 2022 07:40

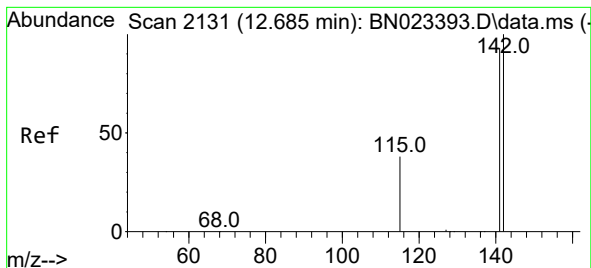
Tgt Ion:142 Resp: 1438

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.685 min Scan# 2131

Delta R.T. -0.011 min

Lab File: BN023398.D

Acq: 24 Dec 2022 07:40

Instrument :

BNA_N

ClientSampleId :

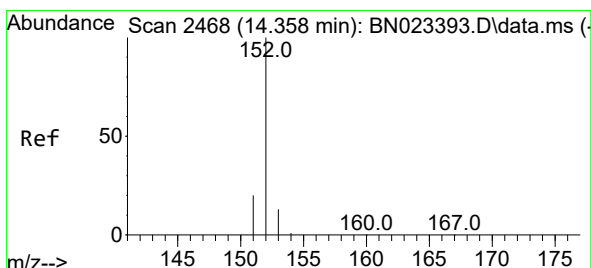
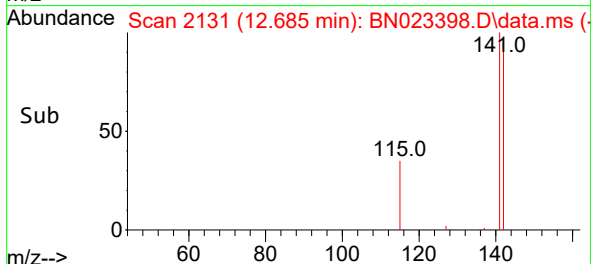
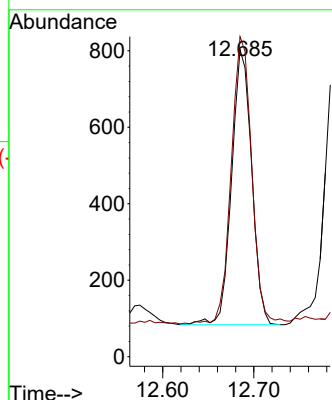
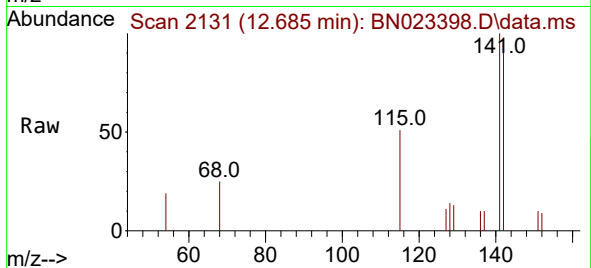
DBXT6

Tgt Ion:142 Resp: 1098

Ion Ratio Lower Upper

142 100

141 107.0 74.0 111.0



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.363 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BN023398.D

Acq: 24 Dec 2022 07:40

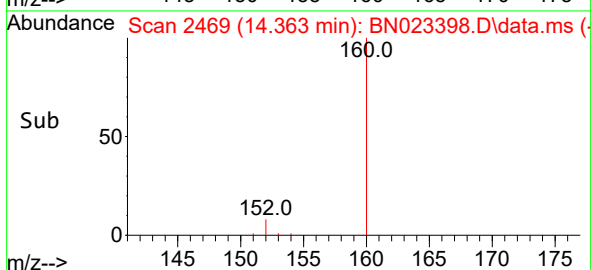
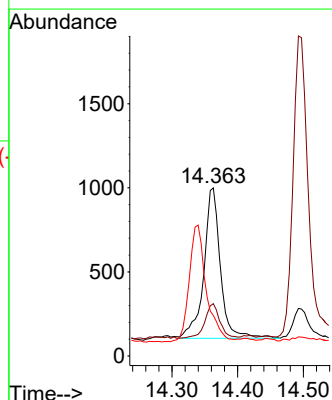
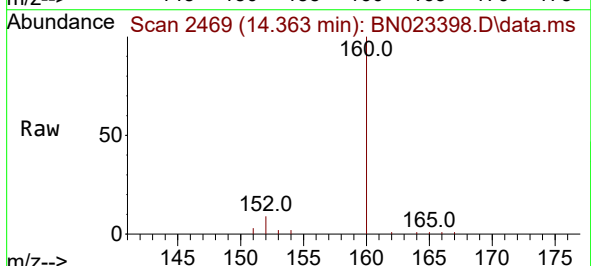
Tgt Ion:152 Resp: 1565

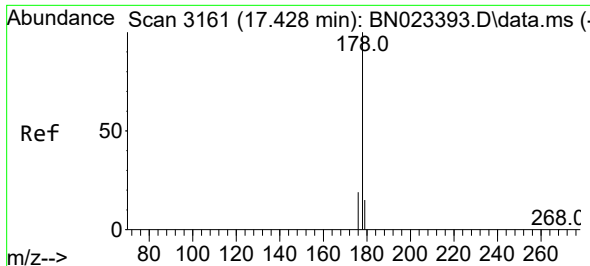
Ion Ratio Lower Upper

152 100

151 31.1 16.1 24.1#

153 24.1 10.9 16.3#

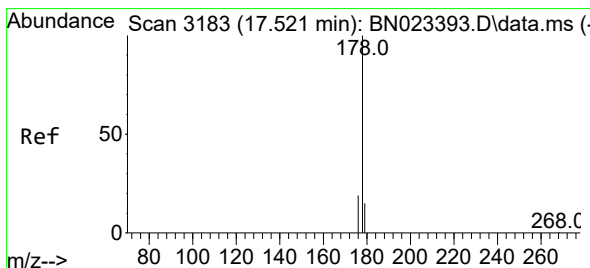
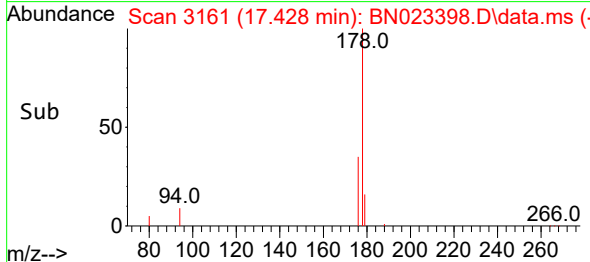
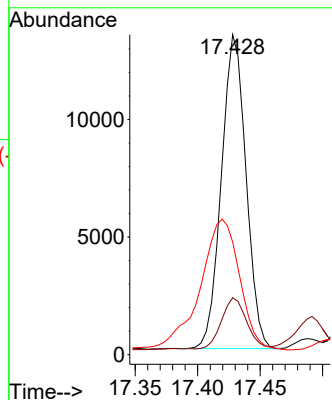
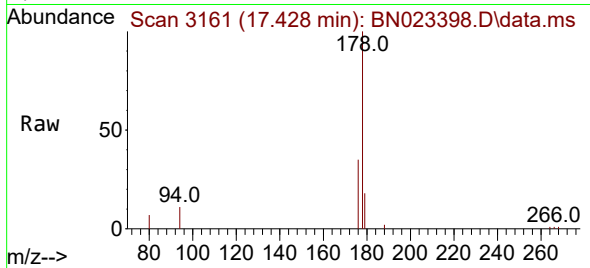




#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

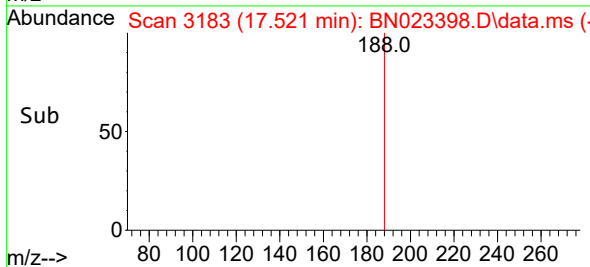
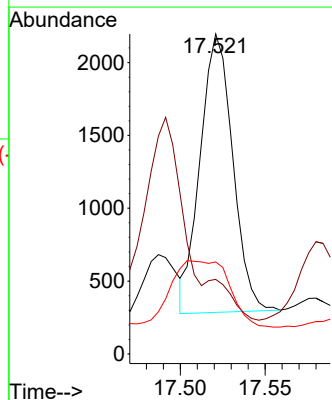
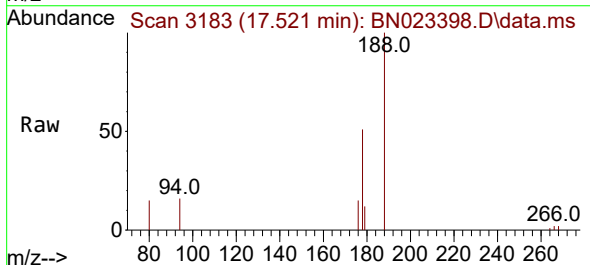
Instrument :
BNA_N
ClientSampleId :
DBXT6

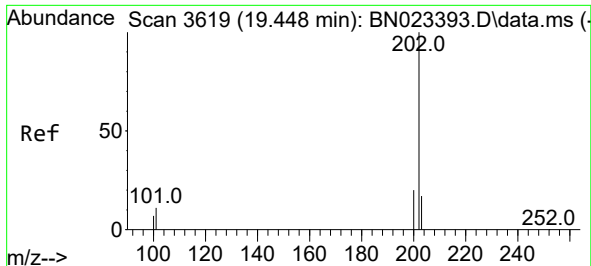
Tgt Ion:178 Resp: 18268
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 35.2 15.7 23.5#



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:178 Resp: 2550
Ion Ratio Lower Upper
178 100
179 23.3 12.6 18.8#
176 28.7 15.4 23.0#

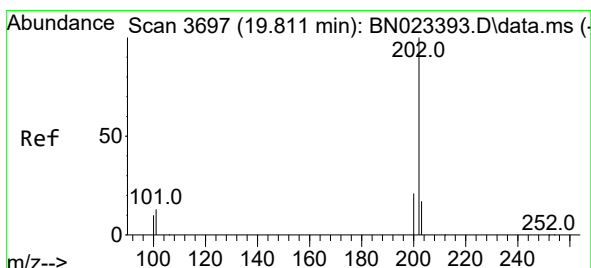
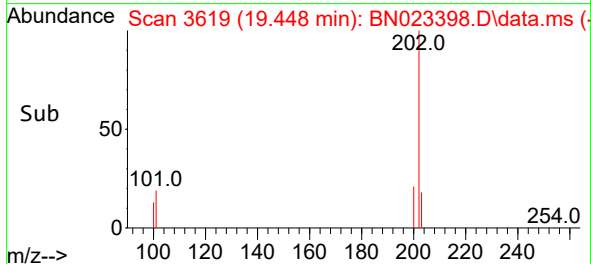
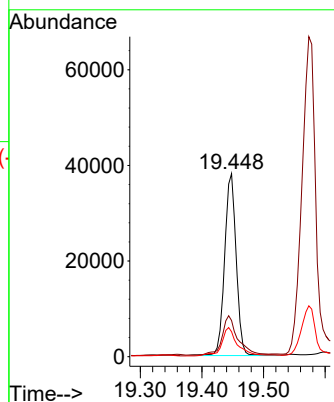
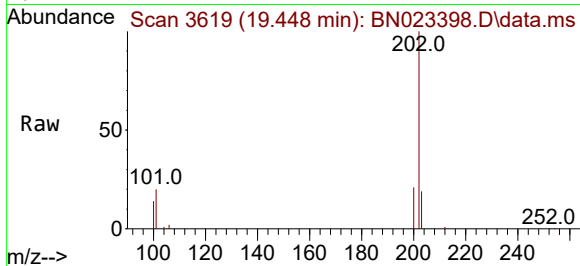




#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

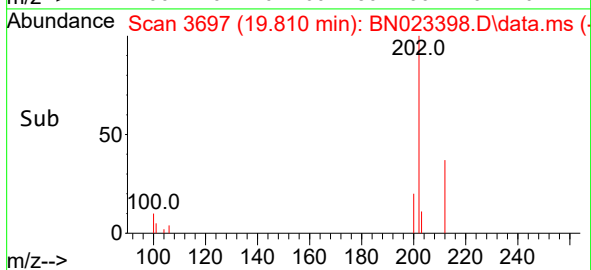
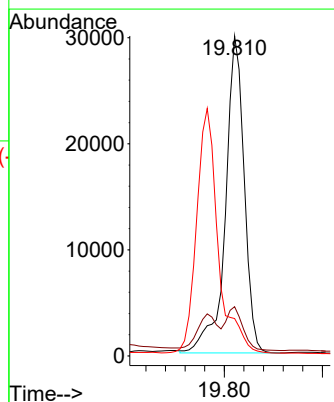
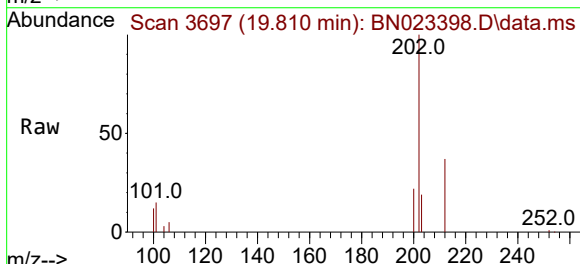
Instrument :
BNA_N
ClientSampleId :
DBXT6

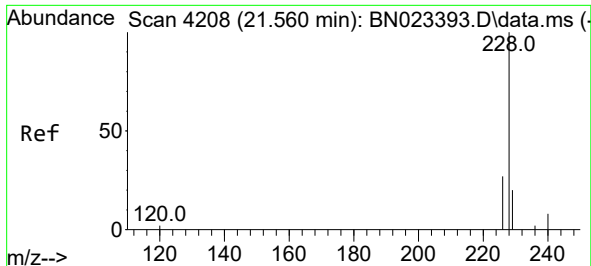
Tgt Ion:202 Resp: 49970
Ion Ratio Lower Upper
202 100
101 19.8 9.4 14.2#
100 13.7 7.0 10.6#



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:202 Resp: 39855
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 11.7 9.0 13.4

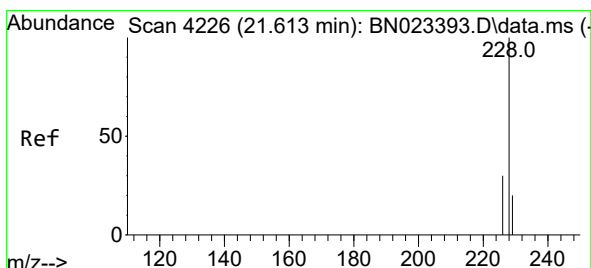
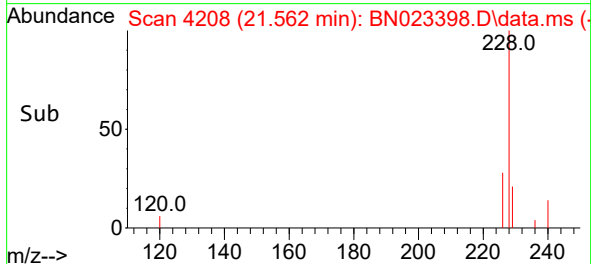
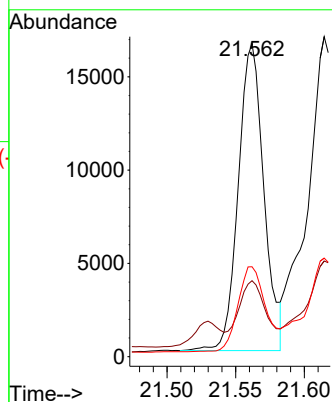
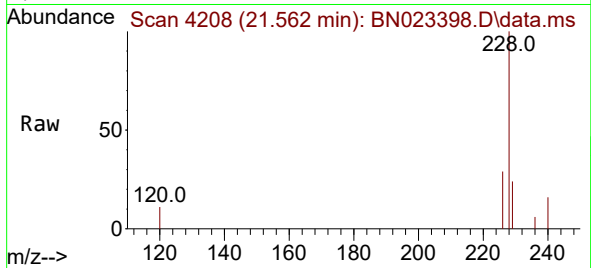




#21
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

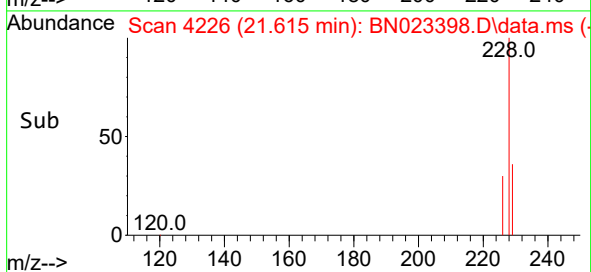
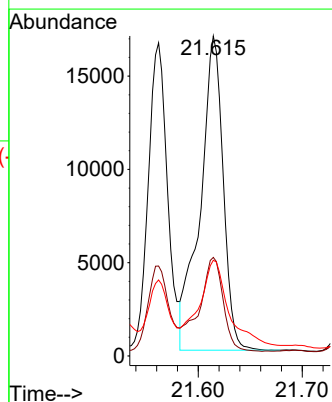
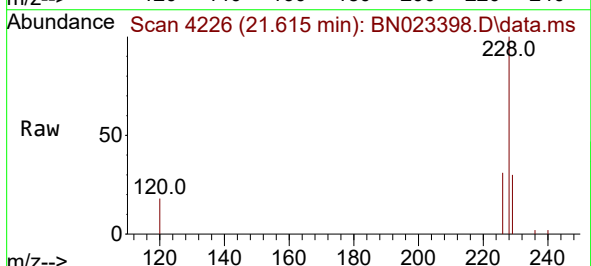
Instrument :
BNA_N
ClientSampleId :
DBXT6

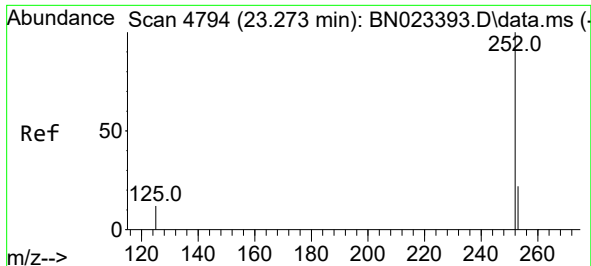
Tgt Ion:228 Resp: 21305
Ion Ratio Lower Upper
228 100
229 24.3 15.6 23.4#
226 28.7 22.2 33.2



#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:228 Resp: 25853
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 29.9 15.8 23.6#

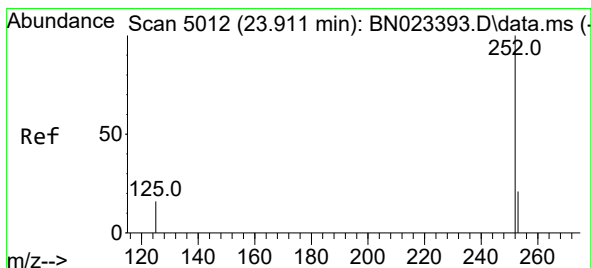
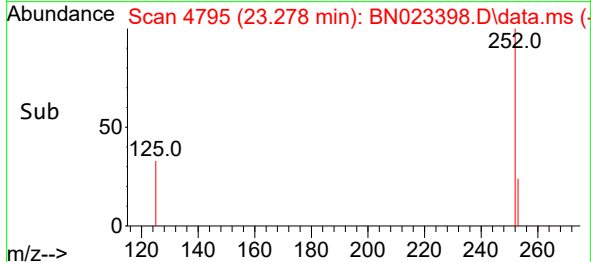
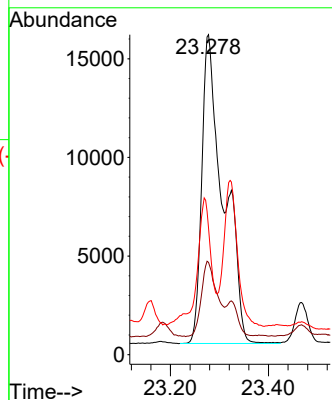
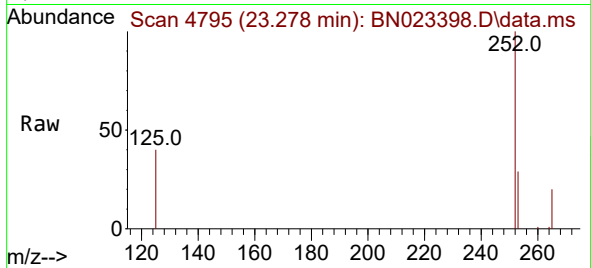




#24
Benzo(b)fluoranthene
Concen: 0.518 ng/ul
RT: 23.278 min Scan# 47925
Delta R.T. 0.004 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

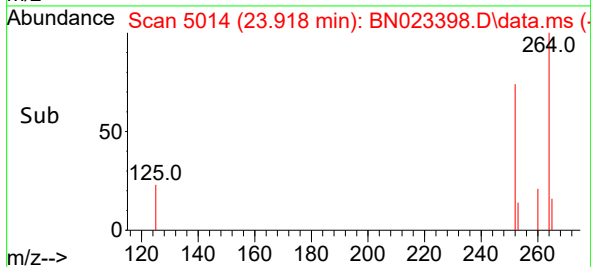
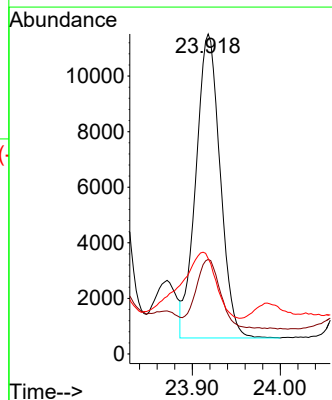
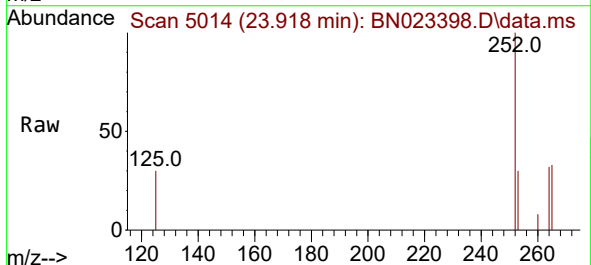
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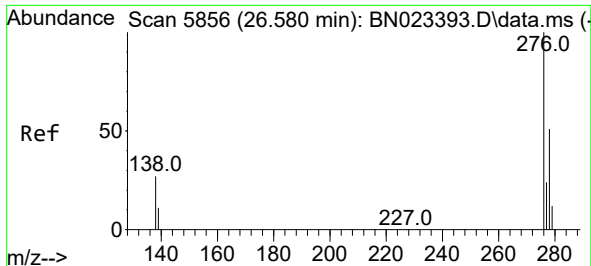
Tgt Ion:252 Resp: 47925
Ion Ratio Lower Upper
252 100
253 28.9 0.0 49.2
125 39.7 0.0 31.8#



#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.918 min Scan# 5014
Delta R.T. 0.004 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:252 Resp: 20988
Ion Ratio Lower Upper
252 100
253 29.6 21.4 32.2
125 29.8 16.2 24.4#

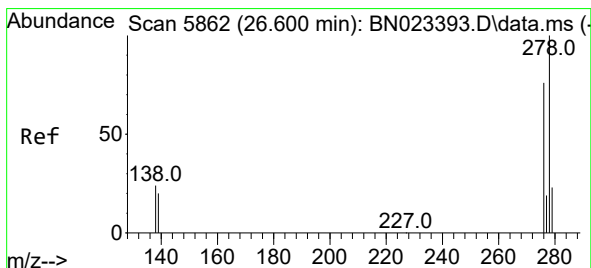
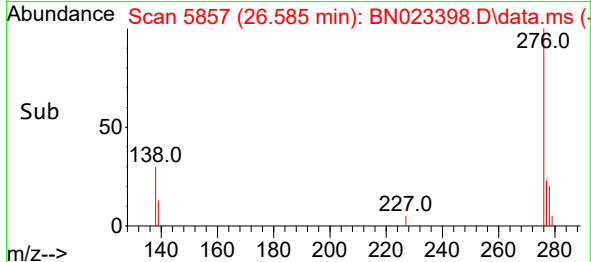
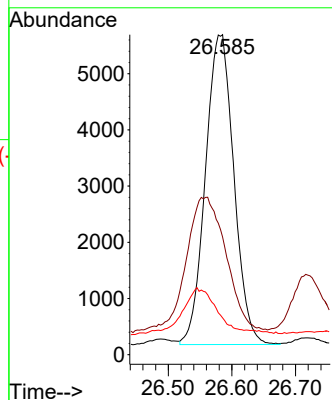
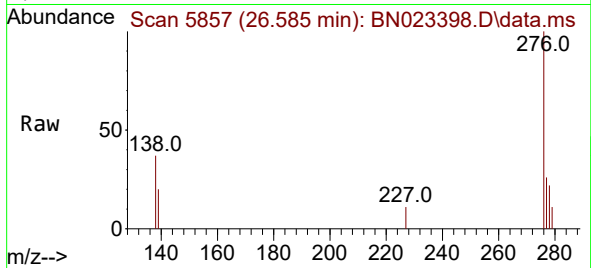




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 26.585 min Scan# 5856
Delta R.T. 0.008 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

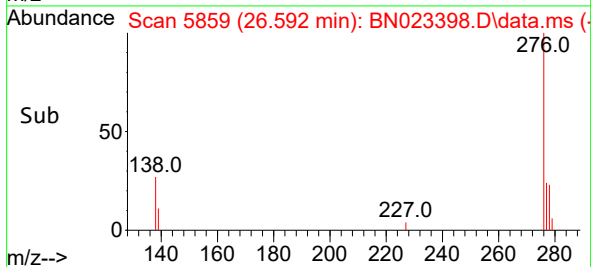
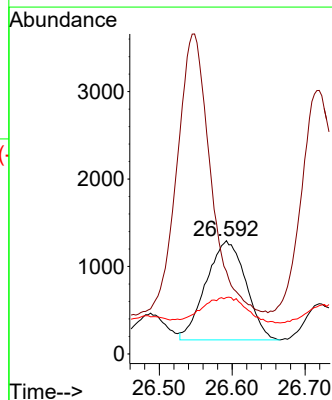
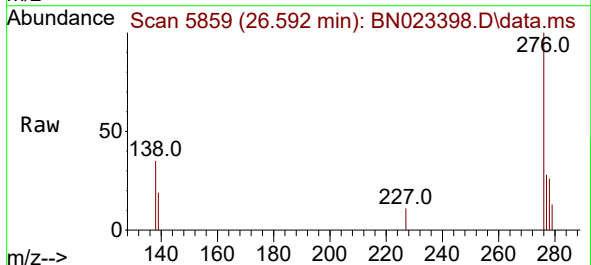
Instrument :
BNA_N
ClientSampleId :
DBXT6

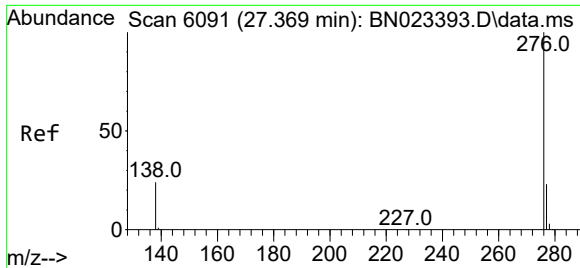
Tgt Ion:276 Resp: 17138
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.592 min Scan# 5859
Delta R.T. -0.009 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:278 Resp: 4301
Ion Ratio Lower Upper
278 100
139 73.0 16.6 24.8#
279 49.8 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.251 ng/ul

RT: 27.377 min Scan# 6093

Delta R.T. 0.008 min

Lab File: BN023398.D

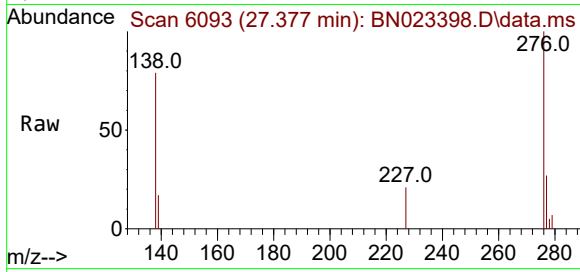
Acq: 24 Dec 2022 07:40

Instrument :

BNA_N

ClientSampleId :

DBXT6



Tgt Ion:276 Resp: 17472

Ion Ratio Lower Upper

276 100

138 79.2 20.3 30.5#

277 26.7 19.7 29.5

