

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023411.D
 Acq On : 24 Dec 2022 15:27
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4357

Quant Time: Dec 24 23:19:02 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)

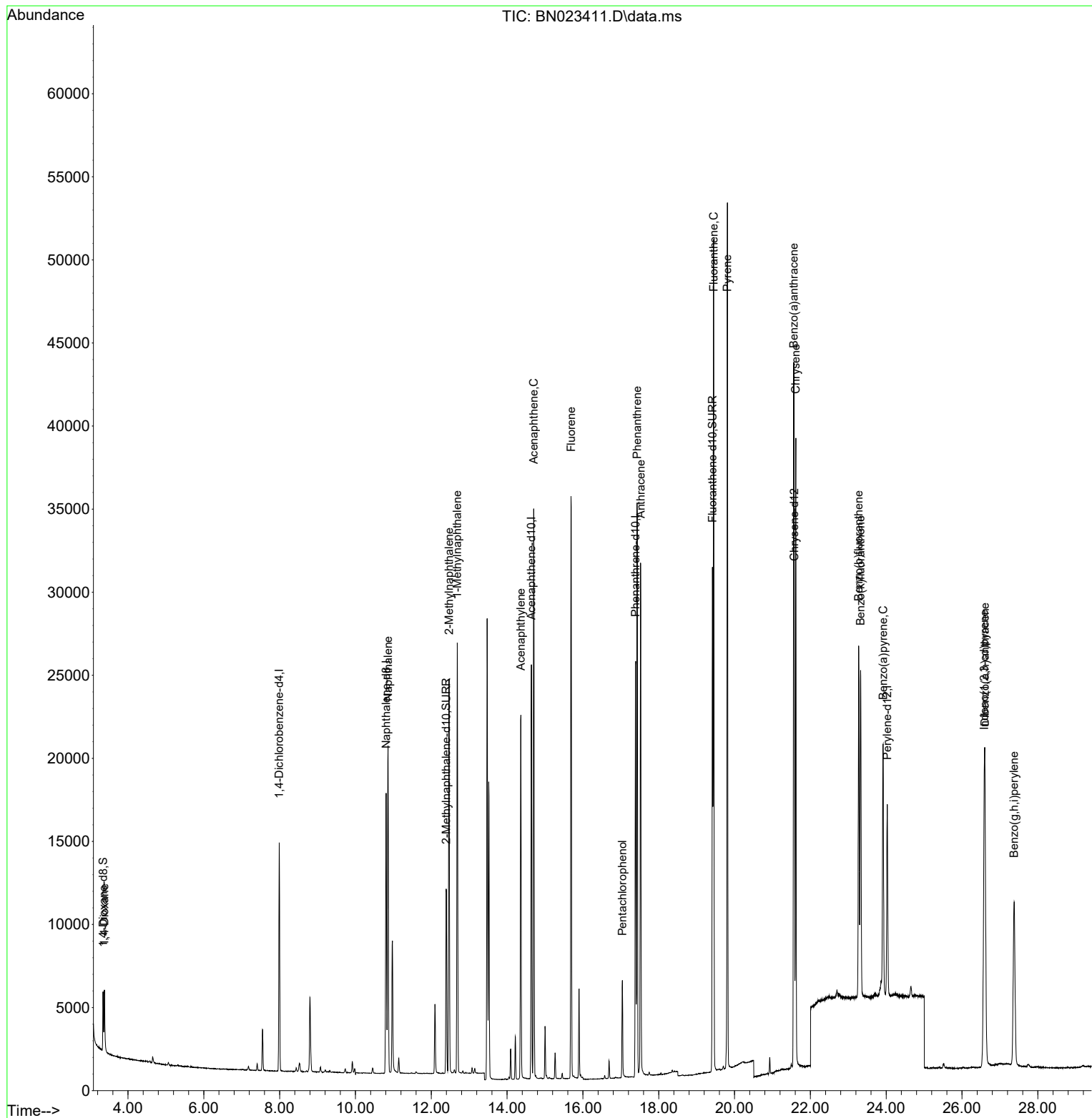
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	6713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	22453	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	12874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	28341	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	19409	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	15575	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	2434	0.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	14156	0.408	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	31424	0.448	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	2540	0.340	ng/ul#	88
5) Naphthalene	10.859	128	26020	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.470	142	16791	0.398	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	17317	0.399	ng/ul	100
10) Acenaphthylene	14.363	152	24706	0.433	ng/ul	99
11) Acenaphthene	14.701	153	18901	0.393	ng/ul	99
12) Fluorene	15.686	166	21419	0.396	ng/ul	100
14) Pentachlorophenol	17.040	266	3793	0.482	ng/ul	99
15) Phenanthrene	17.428	178	35083	0.380	ng/ul	100
16) Anthracene	17.521	178	32322	0.422	ng/ul	100
19) Fluoranthene	19.448	202	40273	0.428	ng/ul	99
20) Pyrene	19.810	202	41202	0.434	ng/ul	99
21) Benzo(a)anthracene	21.559	228	32897	0.435	ng/ul	99
22) Chrysene	21.614	228	31328	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.275	252	27448	0.341	ng/ul	96
25) Benzo(k)fluoranthene	23.324	252	26312	0.348	ng/ul	97
26) Benzo(a)pyrene	23.918	252	22876	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.585	276	26736	0.359	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.605	278	21297	0.369	ng/ul	98
29) Benzo(g,h,i)perylene	27.373	276	22033	0.363	ng/ul	96

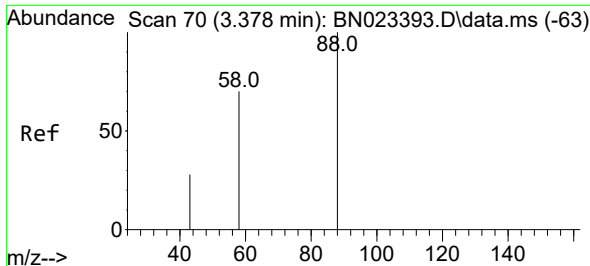
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023411.D
Acq On : 24 Dec 2022 15:27
Operator : CG/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

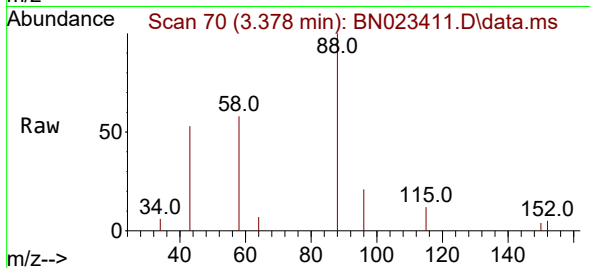
Quant Time: Dec 24 23:19:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



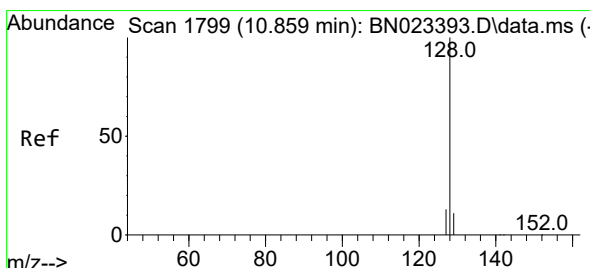
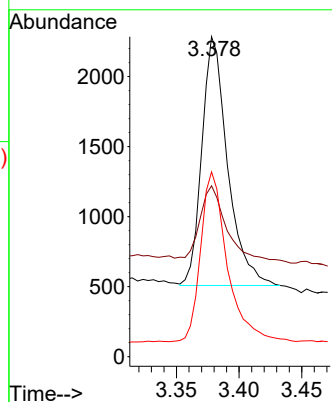
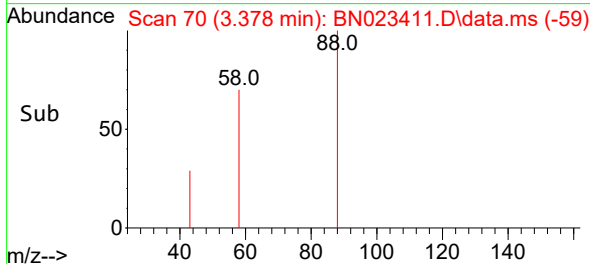


#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.004 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

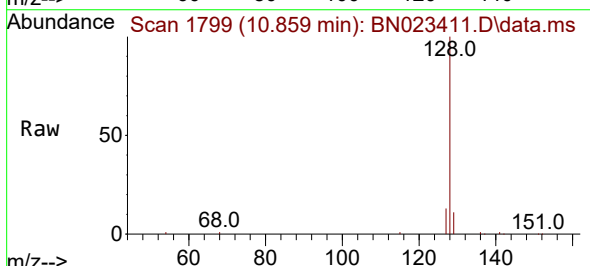
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357



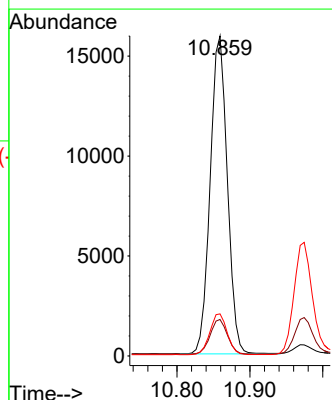
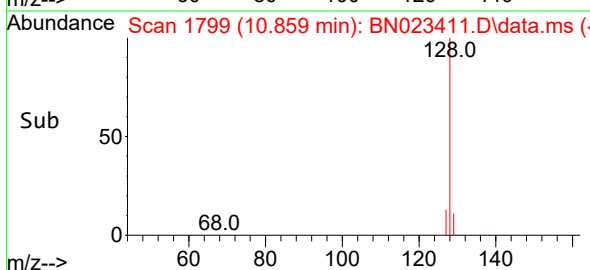
Tgt Ion: 88 Resp: 2540
Ion Ratio Lower Upper
88 100
43 53.4 28.4 42.6#
58 57.7 45.6 68.4

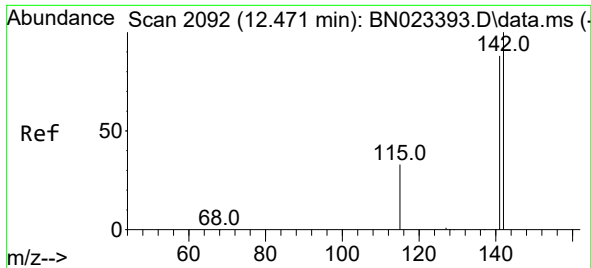


#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27



Tgt Ion: 128 Resp: 26020
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.1 10.7 16.1

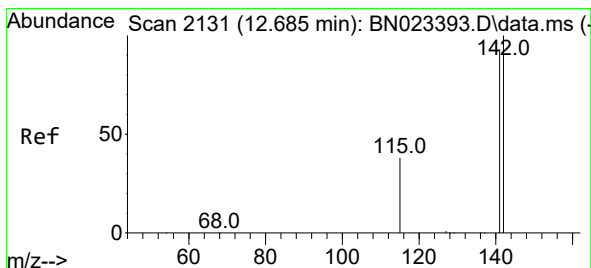
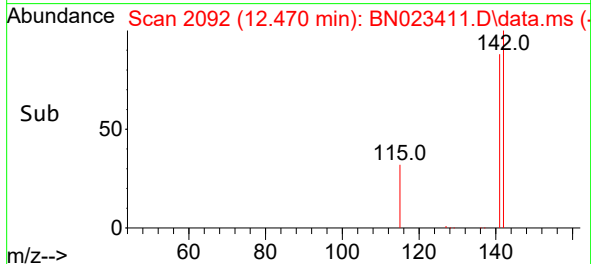
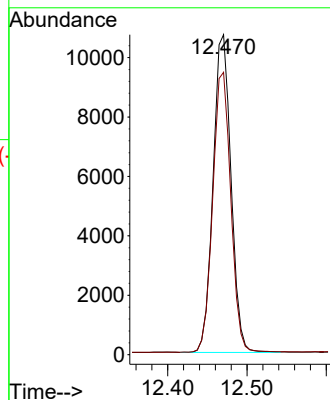
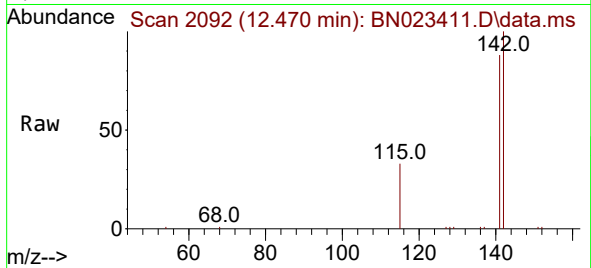




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

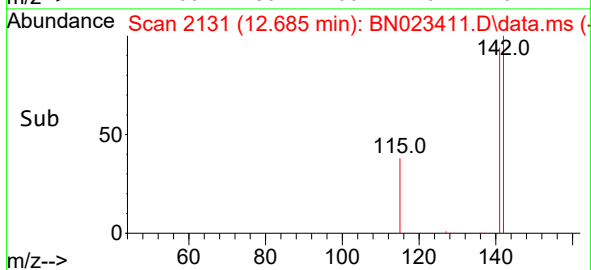
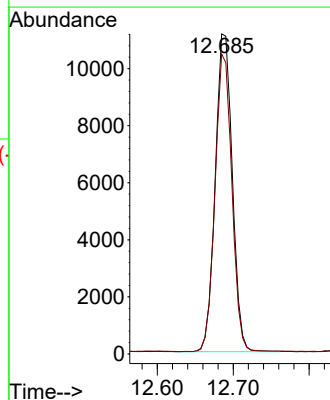
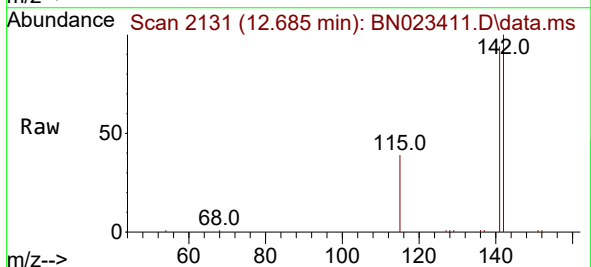
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

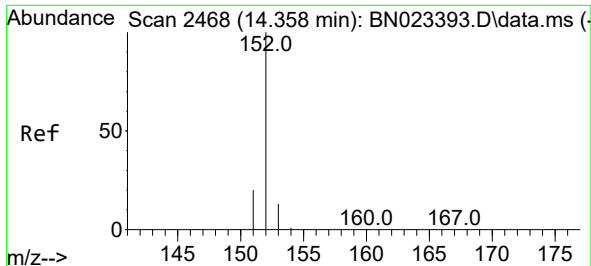
Tgt Ion:142 Resp: 16791
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Tgt Ion:142 Resp: 17317
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

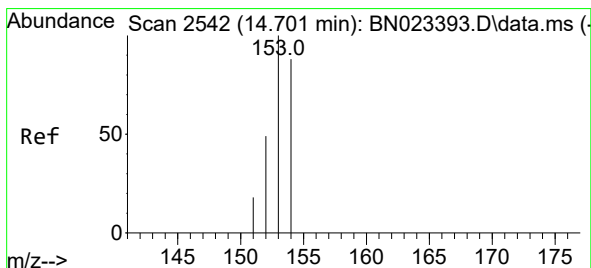
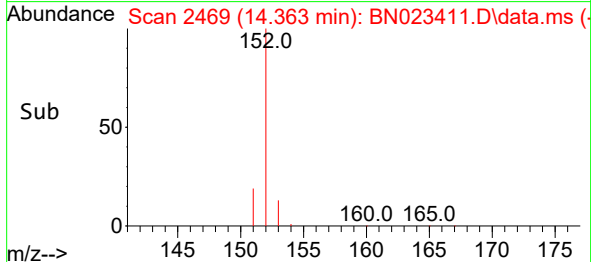
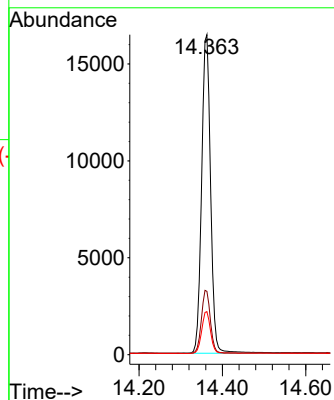
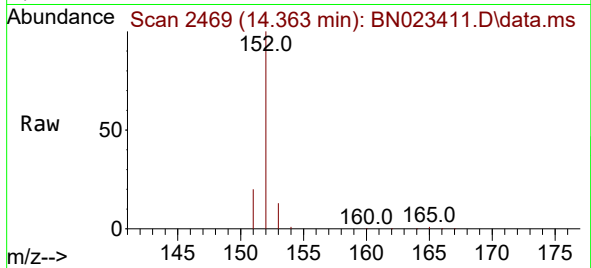




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

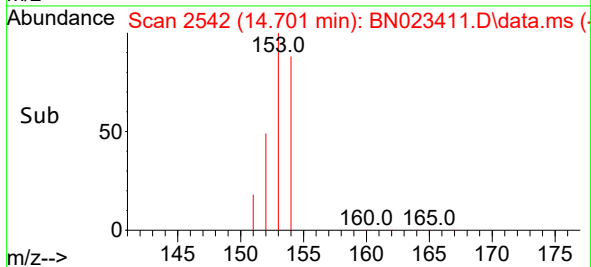
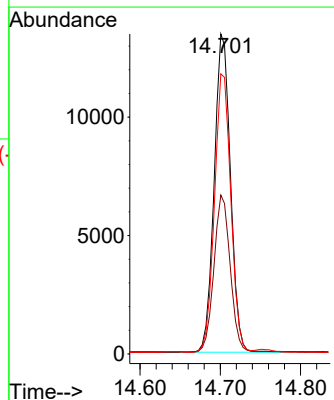
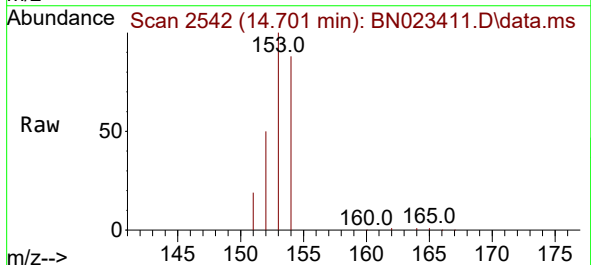
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

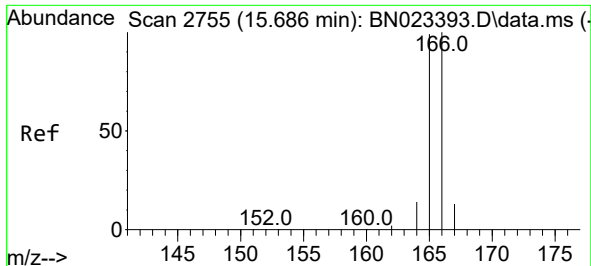
Tgt Ion:152 Resp: 24706
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

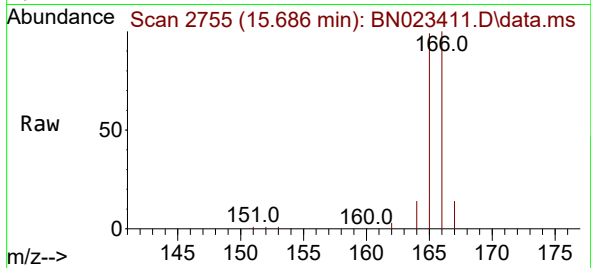
Tgt Ion:153 Resp: 18901
Ion Ratio Lower Upper
153 100
152 49.6 41.0 61.4
154 87.5 69.5 104.3



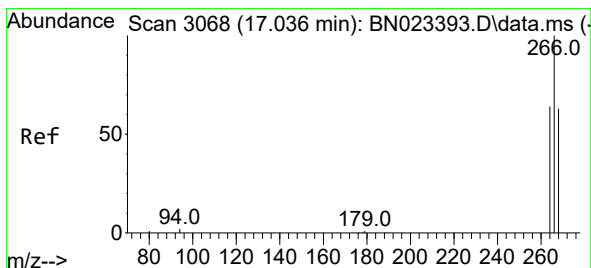
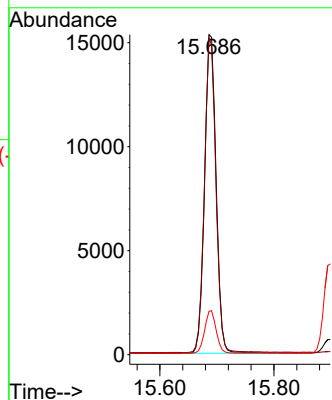


#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

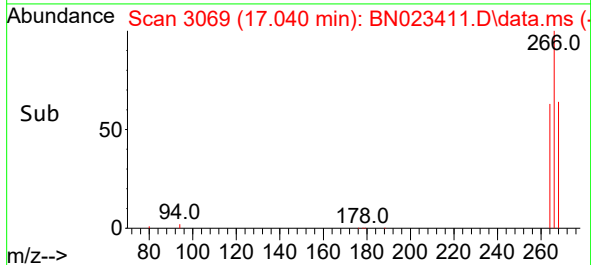
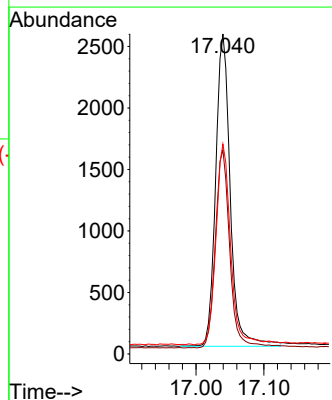
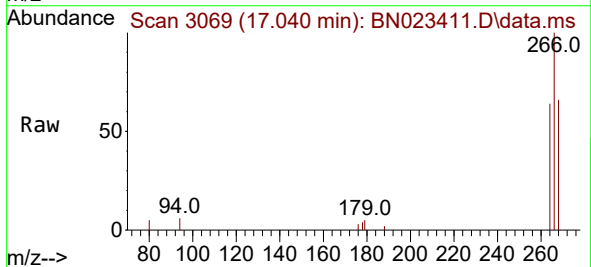


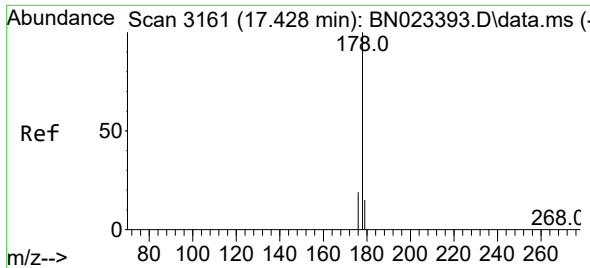
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	13.6	11.0	16.4



#14
Pentachlorophenol
Concen: 0.482 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.6
268	64.9	51.4	77.0

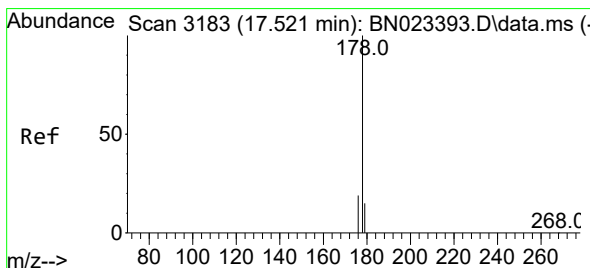
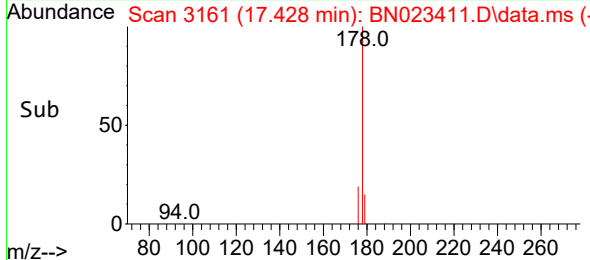
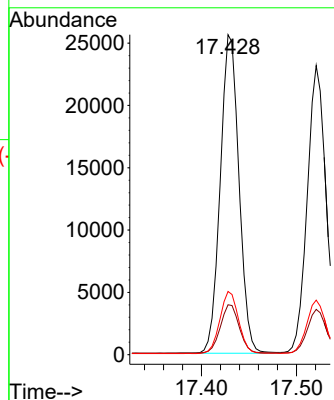
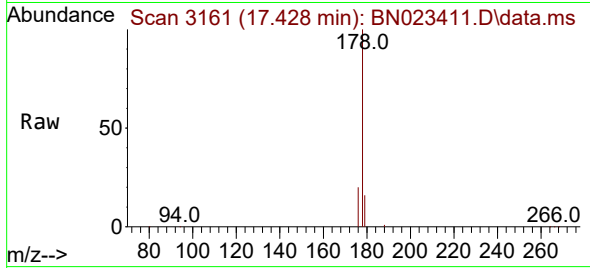




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

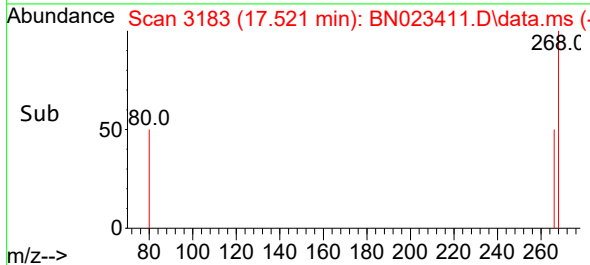
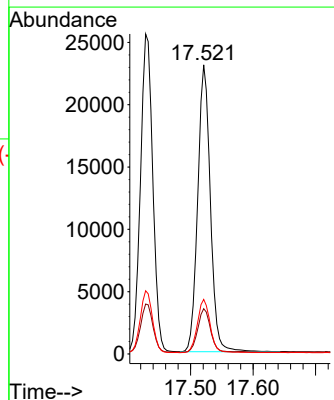
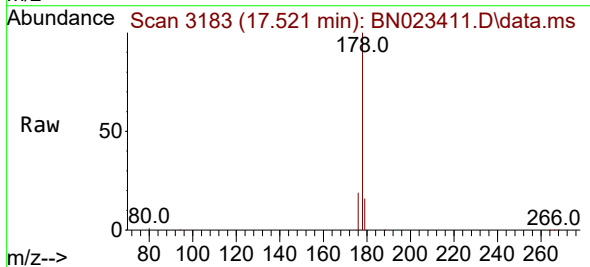
Instrument :
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ClientSampleId :
SSTD0.4357

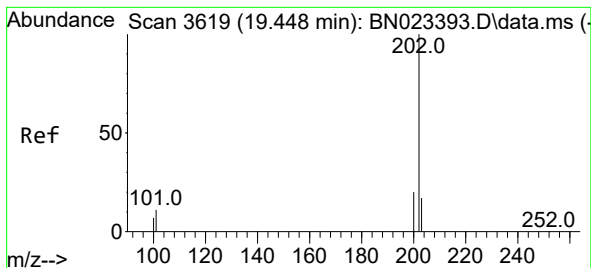
Tgt Ion:178 Resp: 35083
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Tgt Ion:178 Resp: 32322
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 15.4 23.0





#19

Fluoranthene

Concen: 0.428 ng/ul

RT: 19.448 min Scan# 3619

Delta R.T. -0.001 min

Lab File: BN023411.D

Acq: 24 Dec 2022 15:27

Instrument :

BNA_N

ClientSampleId :

SSTD0.4357

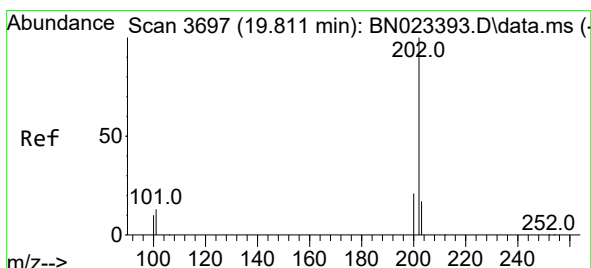
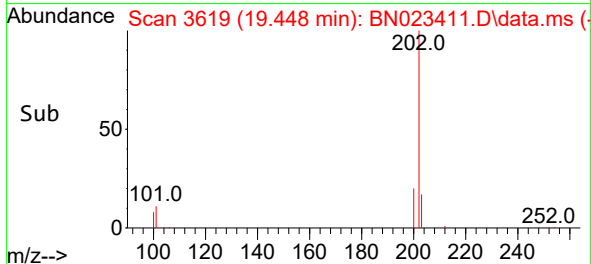
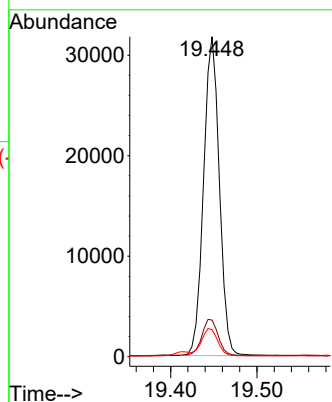
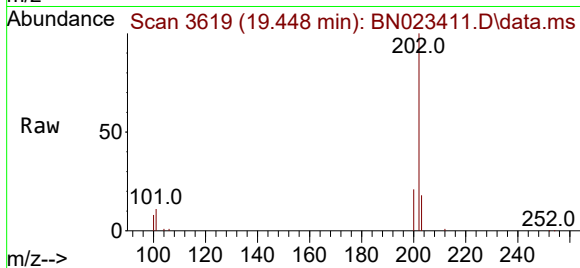
Tgt Ion:202 Resp: 40273

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.2

100 8.4 7.0 10.6



#20

Pyrene

Concen: 0.434 ng/ul

RT: 19.810 min Scan# 3697

Delta R.T. -0.001 min

Lab File: BN023411.D

Acq: 24 Dec 2022 15:27

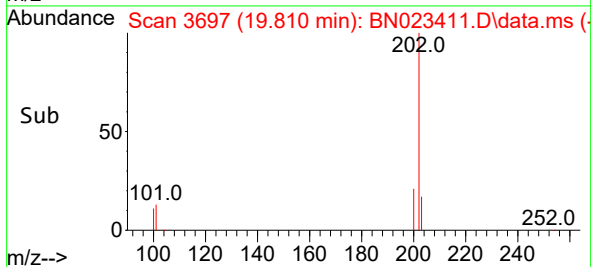
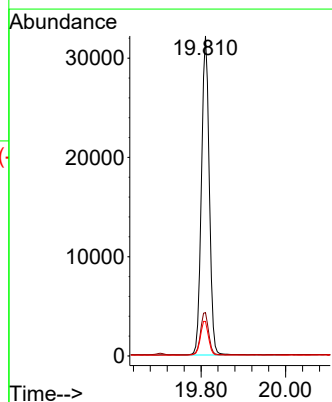
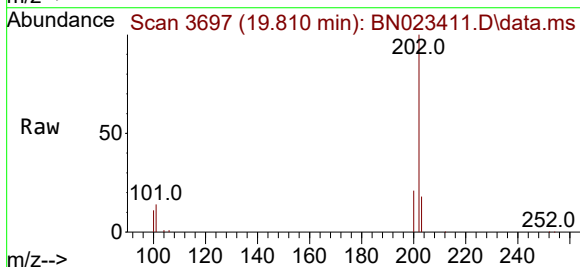
Tgt Ion:202 Resp: 41202

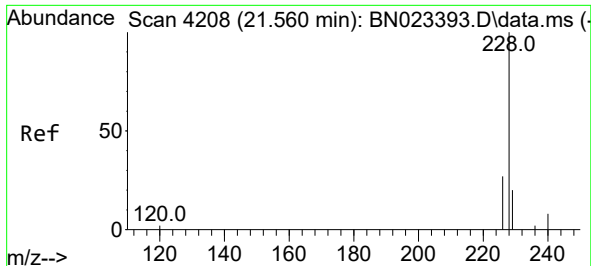
Ion Ratio Lower Upper

202 100

101 13.6 11.3 16.9

100 10.8 9.0 13.4

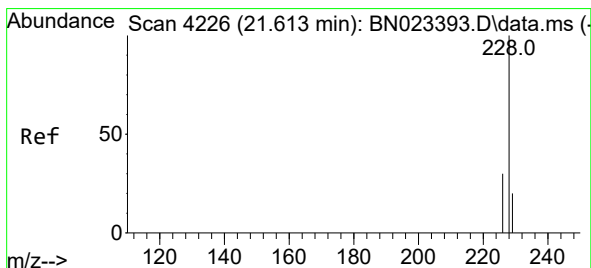
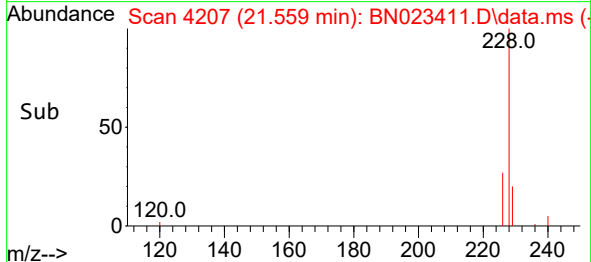
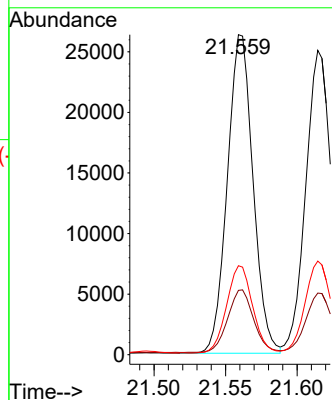
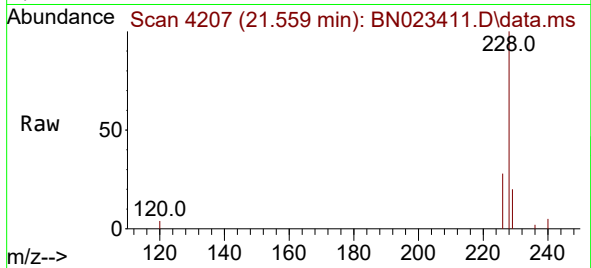




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

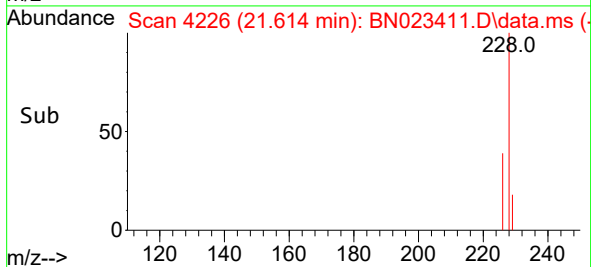
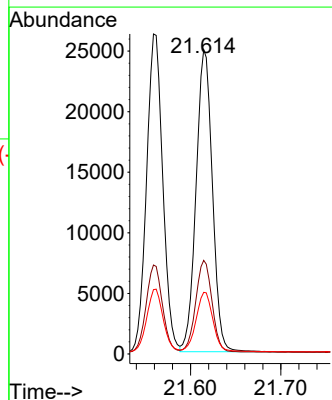
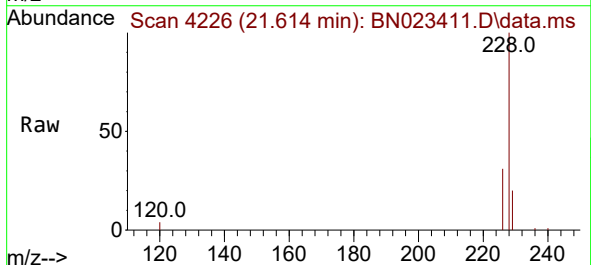
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

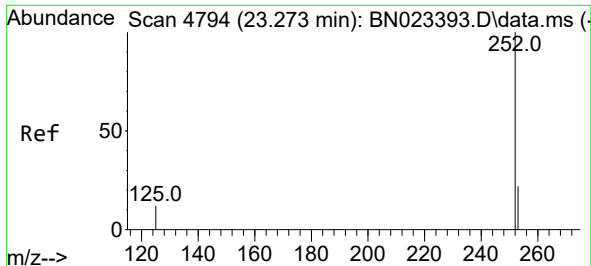
Tgt Ion:228 Resp: 32897
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.614 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

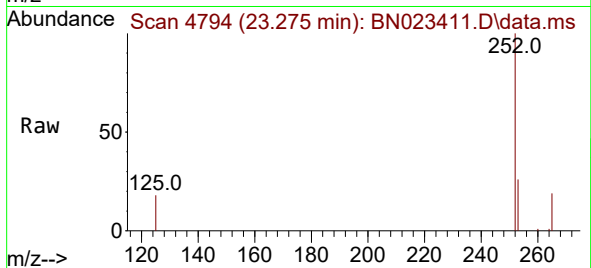
Tgt Ion:228 Resp: 31328
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.2 15.8 23.6



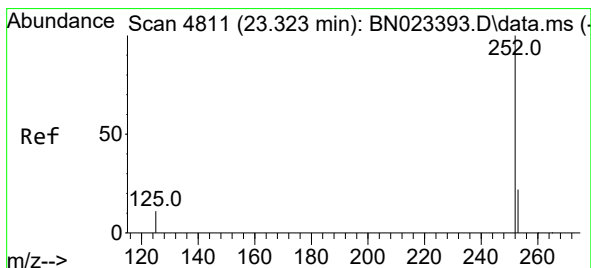
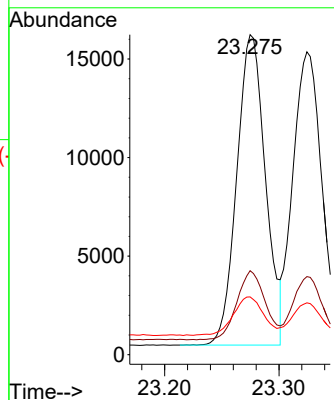


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.275 min Scan# 4794
Delta R.T. 0.001 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

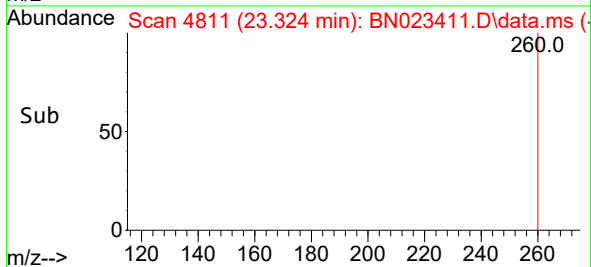
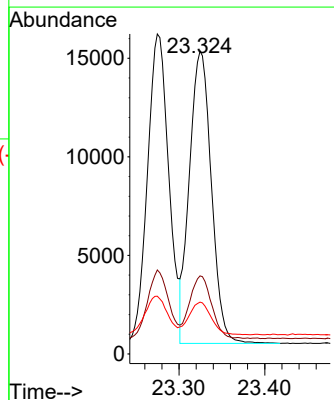
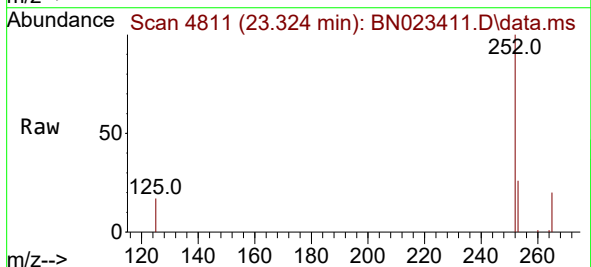


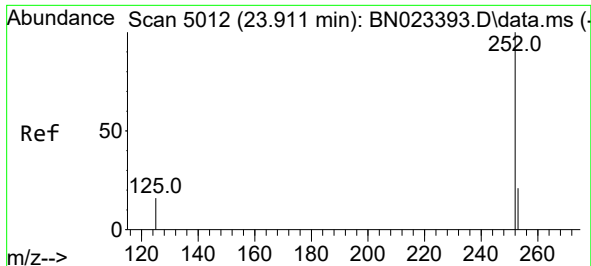
Tgt Ion:252 Resp: 27448
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.2
125 18.1 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. 0.001 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Tgt Ion:252 Resp: 26312
Ion Ratio Lower Upper
252 100
253 25.8 19.8 29.6
125 17.1 12.6 18.8

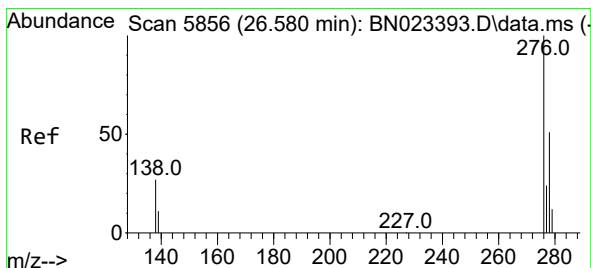
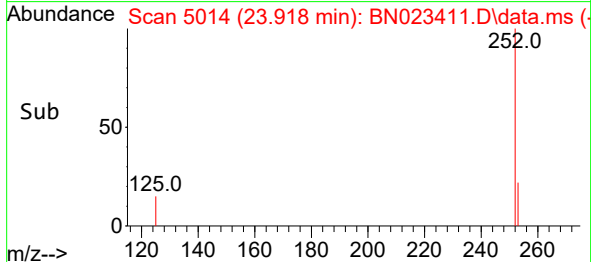
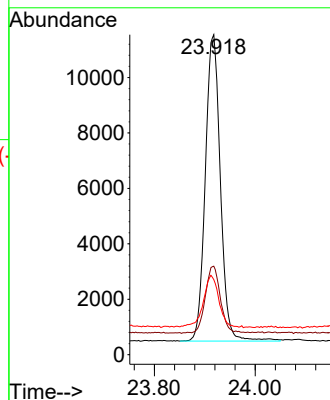
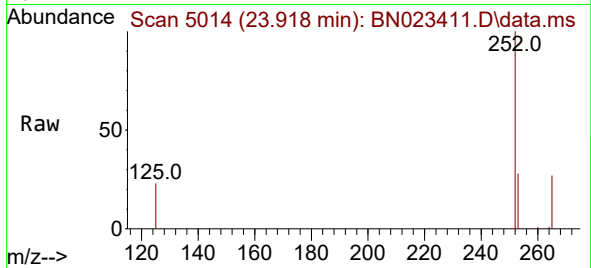




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.918 min Scan# 5012
Delta R.T. 0.004 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

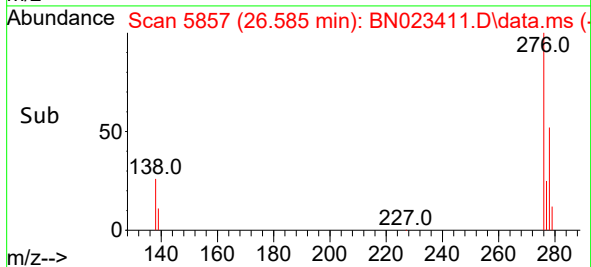
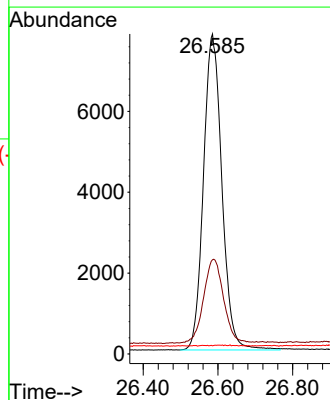
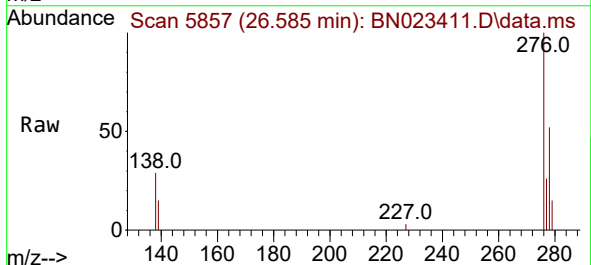
Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

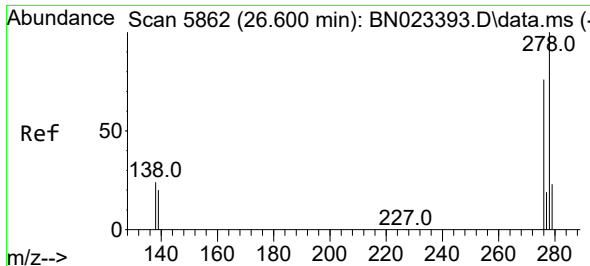
Tgt Ion:252 Resp: 22876
Ion Ratio Lower Upper
252 100
253 27.7 21.4 32.2
125 23.5 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.585 min Scan# 5857
Delta R.T. 0.007 min
Lab File: BN023411.D
Acq: 24 Dec 2022 15:27

Tgt Ion:276 Resp: 26736
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.2
227 0.0 0.0 0.0#

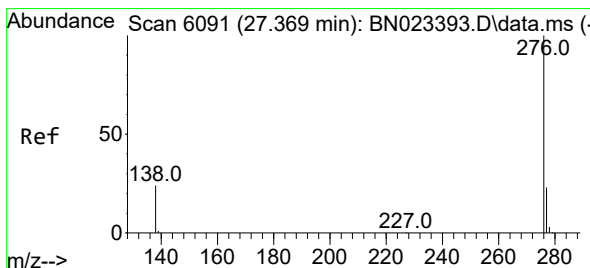
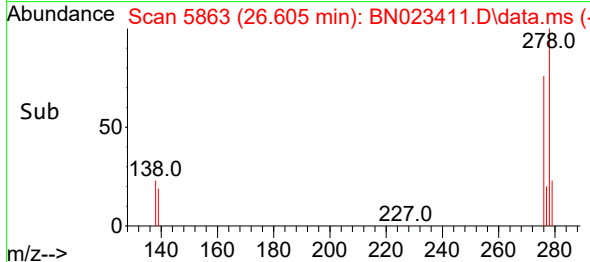
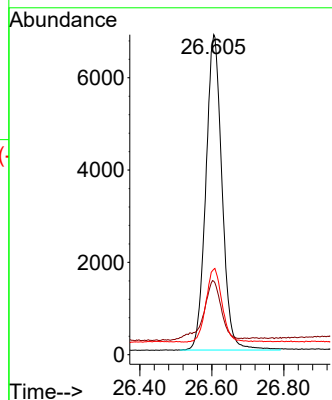
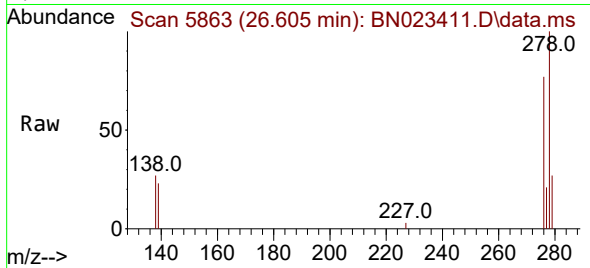




#28
 Dibenzo(a,h)anthracene
 Concen: 0.369 ng/ul
 RT: 26.605 min Scan# 5863
 Delta R.T. 0.004 min
 Lab File: BN023411.D
 Acq: 24 Dec 2022 15:27

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4357

Tgt Ion:278 Resp: 21297
 Ion Ratio Lower Upper
 278 100
 139 22.9 16.6 24.8
 279 26.7 21.3 31.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 27.373 min Scan# 6092
 Delta R.T. 0.004 min
 Lab File: BN023411.D
 Acq: 24 Dec 2022 15:27

Tgt Ion:276 Resp: 22033
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.3 30.5
 277 25.3 19.7 29.5

