

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028633.D
 Acq On : 15 Nov 2023 18:09
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4312

Quant Time: Nov 15 23:01:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 18:38:25 2023
 Response via : Initial Calibration

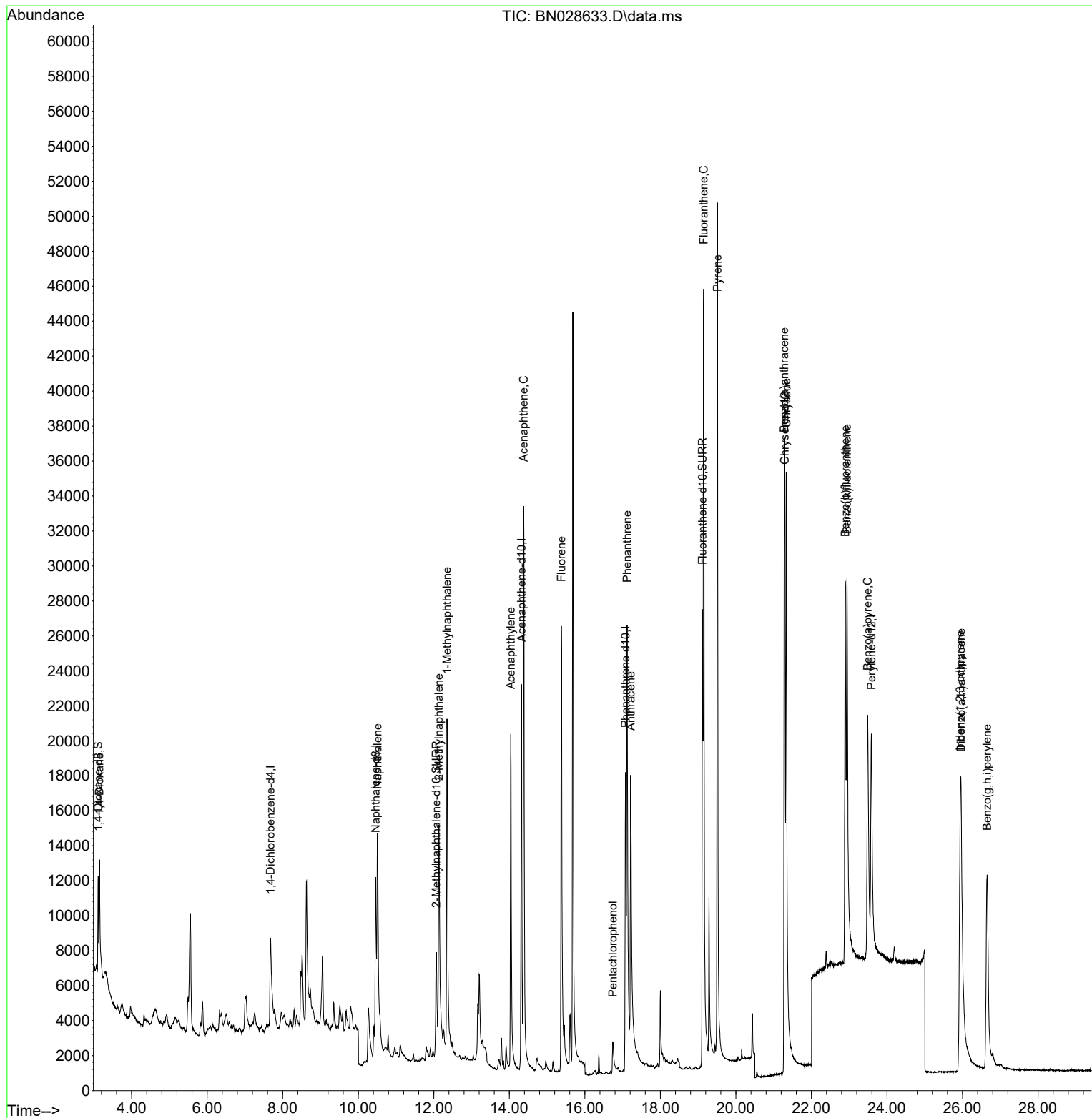
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	6436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.464	136	23933	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.323	164	14753	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.079	188	28339	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	23941	0.400	ng/ul	0.00
23) Perylene-d12	23.587	264	21490	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.114	96	3810	0.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.065	152	11945	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.115	212	34702	0.450	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.148	88	4218	0.536	ng/ul#	87
5) Naphthalene	10.508	128	25654	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.136	142	13967	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.351	142	16882	0.376	ng/ul	99
10) Acenaphthylene	14.040	152	29629	0.402	ng/ul	99
11) Acenaphthene	14.383	153	22350	0.412	ng/ul	99
12) Fluorene	15.377	166	23821	0.378	ng/ul	100
14) Pentachlorophenol	16.741	266	2413	0.355	ng/ul	98
15) Phenanthrene	17.121	178	36448	0.419	ng/ul	99
16) Anthracene	17.214	178	28279	0.354	ng/ul	99
19) Fluoranthene	19.147	202	46009	0.452	ng/ul	99
20) Pyrene	19.510	202	50707	0.481	ng/ul	97
21) Benzo(a)anthracene	21.281	228	33186	0.351	ng/ul	100
22) Chrysene	21.334	228	37768	0.408	ng/ul	99
24) Benzo(b)fluoranthene	22.894	252	32689	0.405	ng/ul	93
25) Benzo(k)fluoranthene	22.941	252	38636	0.457	ng/ul	96
26) Benzo(a)pyrene	23.488	252	32922	0.432	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.941	276	36329	0.430	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.964	278	27843	0.412	ng/ul	97
29) Benzo(g,h,i)perylene	26.652	276	31615	0.456	ng/ul	98

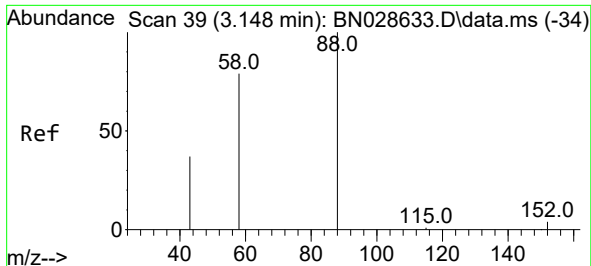
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028633.D
Acq On : 15 Nov 2023 18:09
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

Quant Time: Nov 15 23:01:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 18:38:25 2023
Response via : Initial Calibration

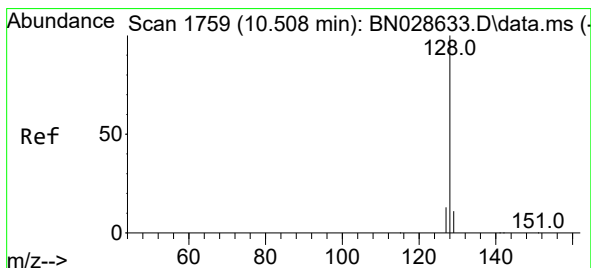
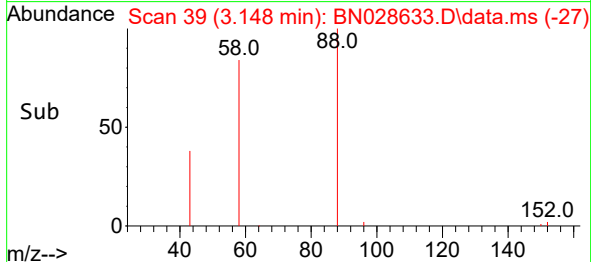
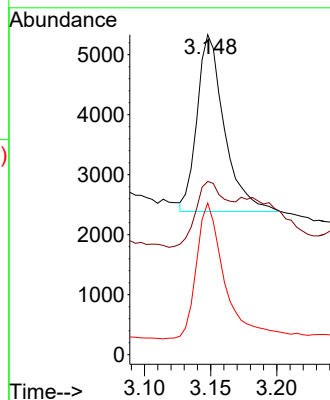
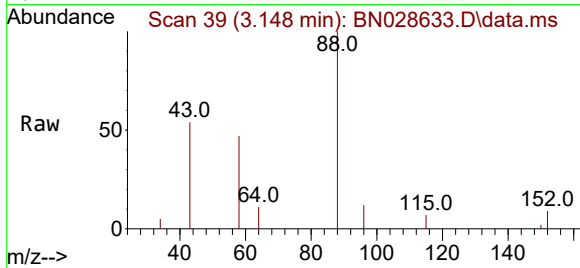




#2
1,4-Dioxane
Concen: 0.536 ng/ul
RT: 3.148 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

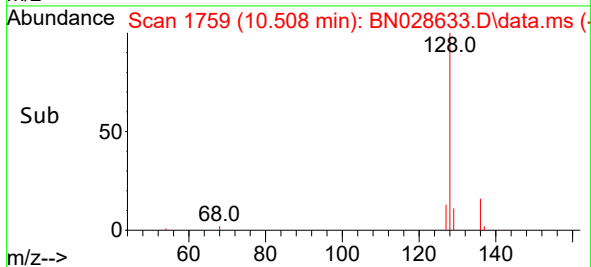
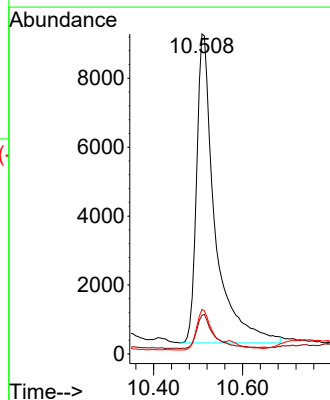
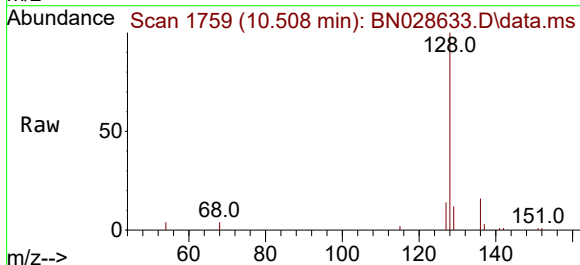
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

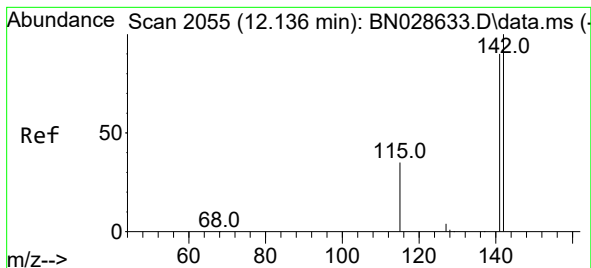
Tgt Ion: 88 Resp: 4218
Ion Ratio Lower Upper
88 100
43 54.1 32.9 49.3#
58 47.4 41.8 62.8



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.508 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion: 128 Resp: 25654
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.9 10.7 16.1

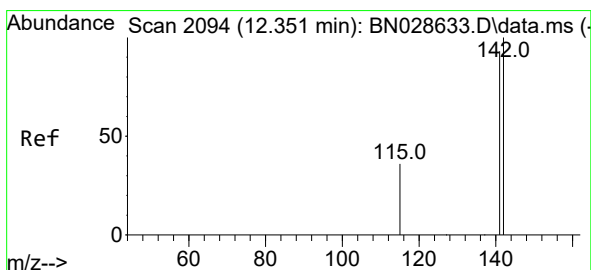
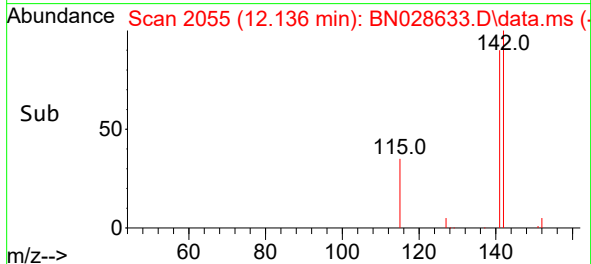
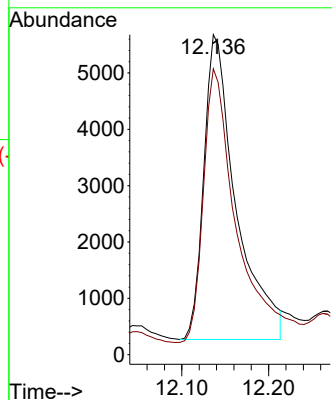
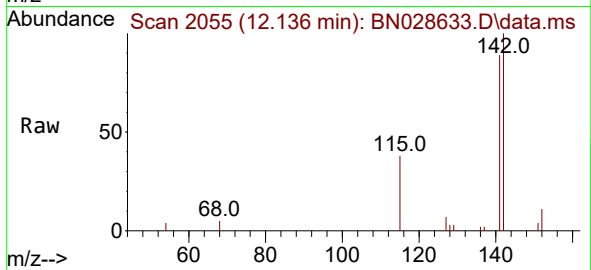




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

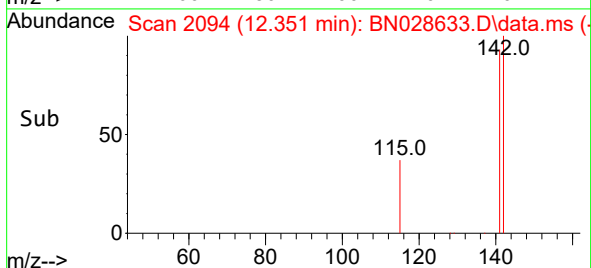
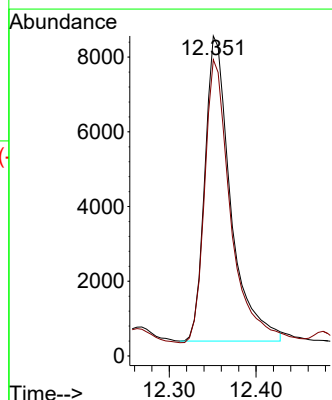
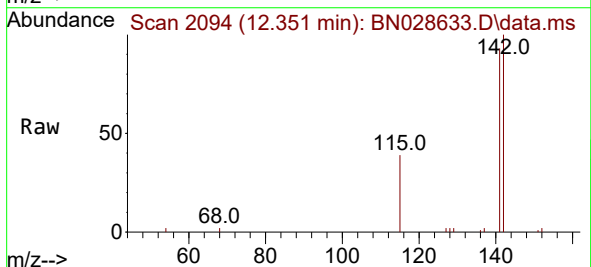
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

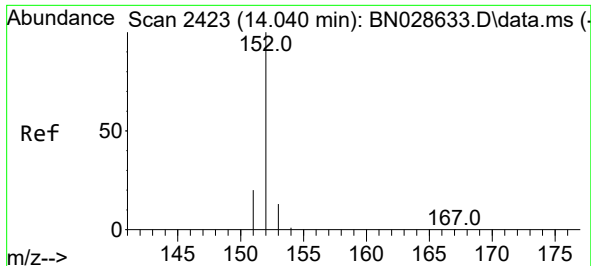
Tgt Ion:142 Resp: 13967
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.351 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:142 Resp: 16882
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

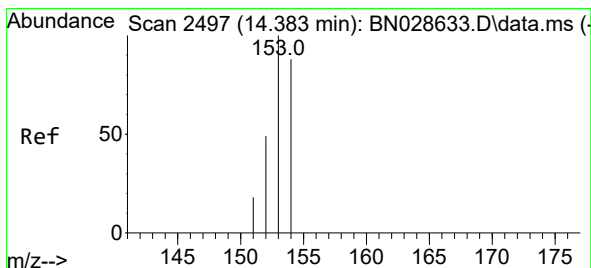
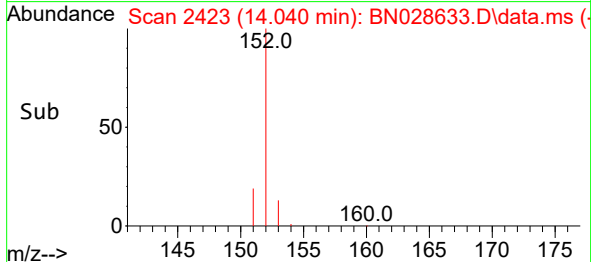
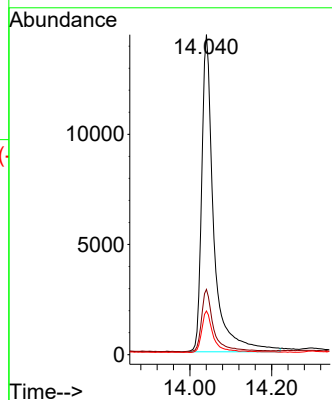
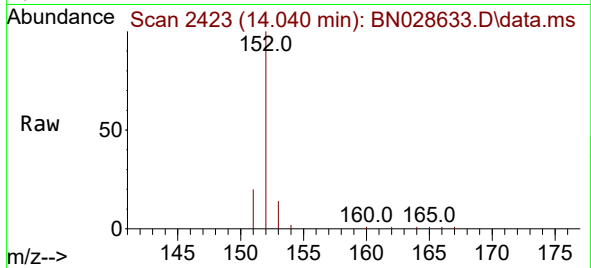




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.040 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

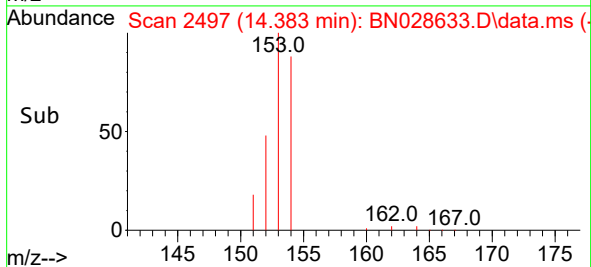
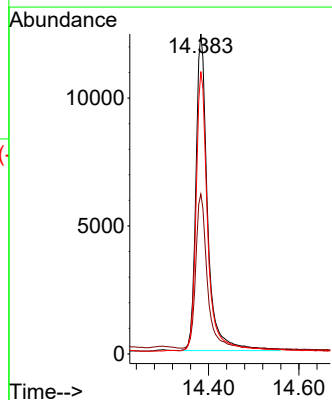
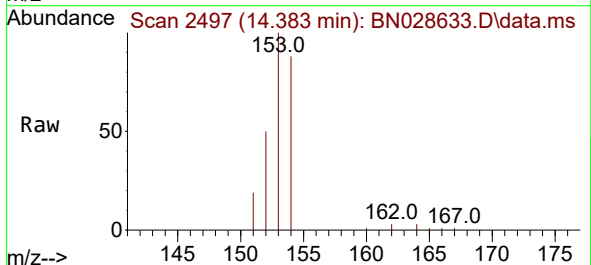
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

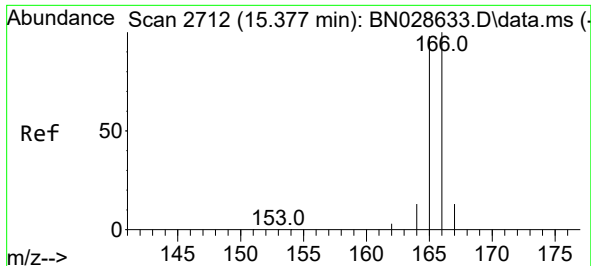
Tgt Ion:152 Resp: 29629
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.6 10.6 15.8



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.383 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:153 Resp: 22350
Ion Ratio Lower Upper
153 100
152 49.9 39.6 59.4
154 88.3 71.0 106.6

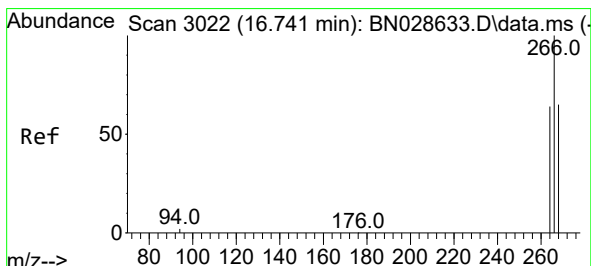
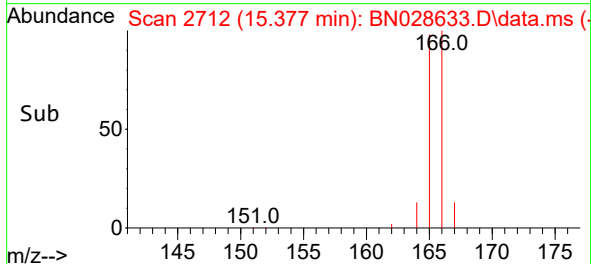
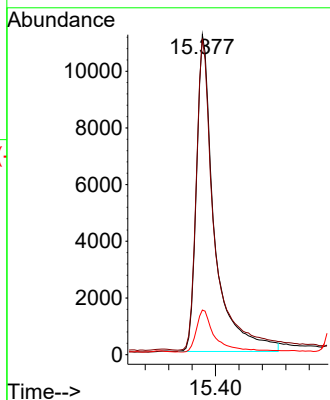
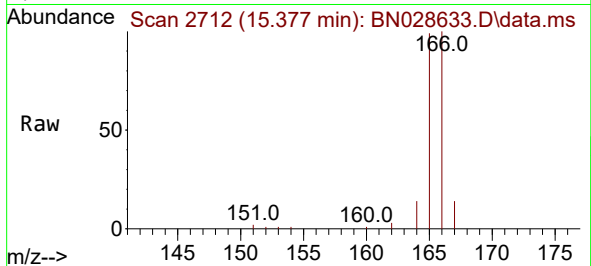




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.377 min Scan# 2712
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

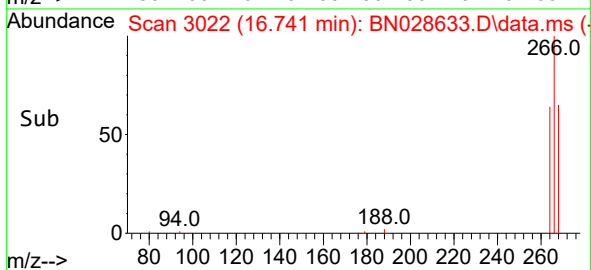
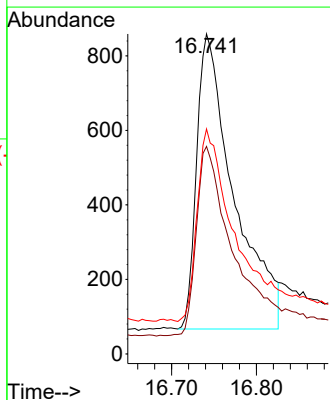
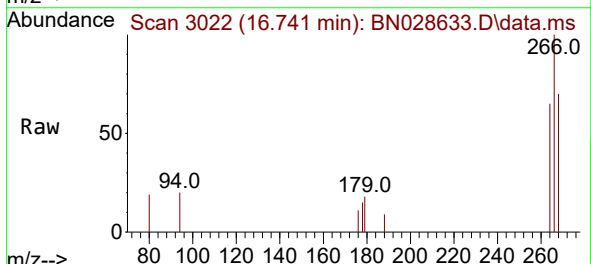
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

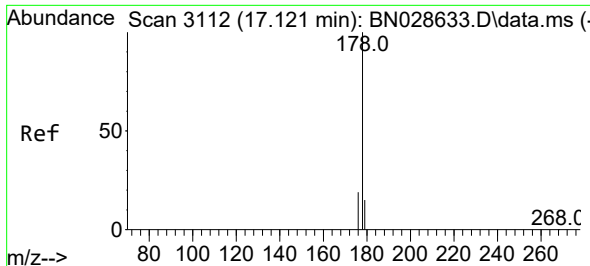
Tgt Ion:166 Resp: 23821
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.355 ng/ul
RT: 16.741 min Scan# 3022
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:266 Resp: 2413
Ion Ratio Lower Upper
266 100
264 63.6 50.1 75.1
268 65.4 50.6 75.8

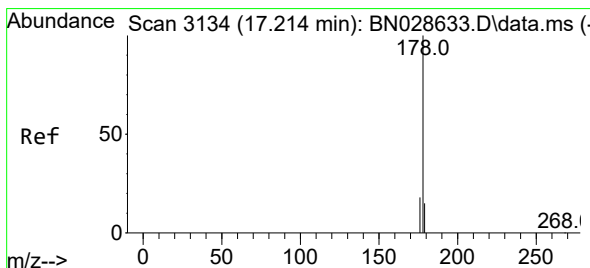
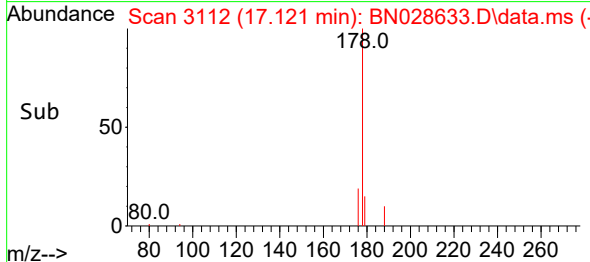
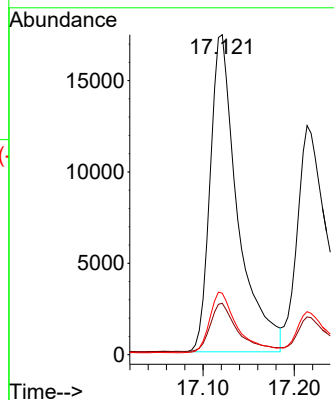
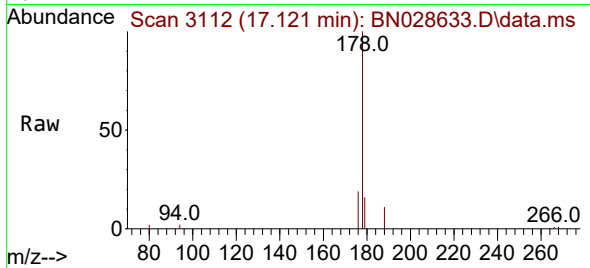




#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

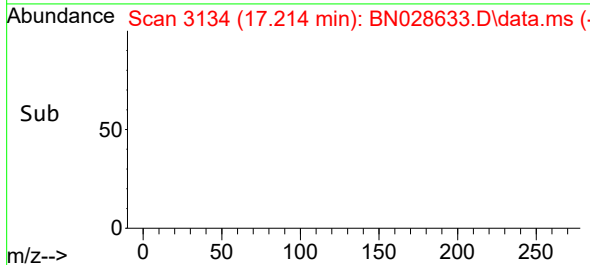
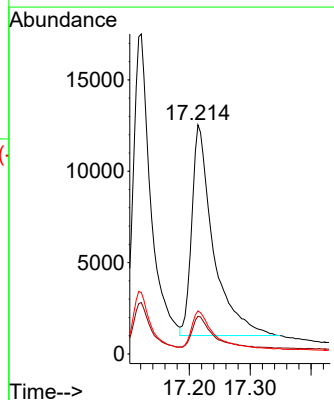
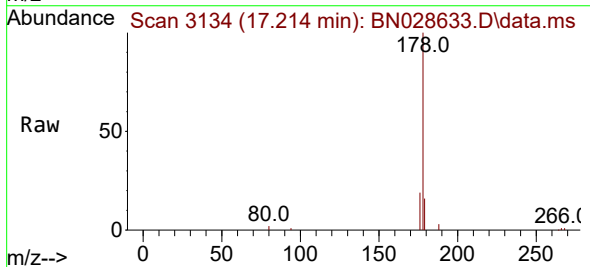
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

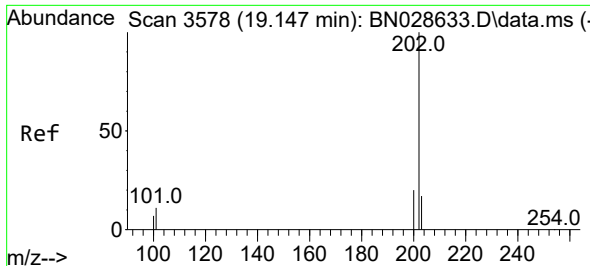
Tgt Ion:178 Resp: 36448
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.214 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:178 Resp: 28279
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 18.8 14.9 22.3

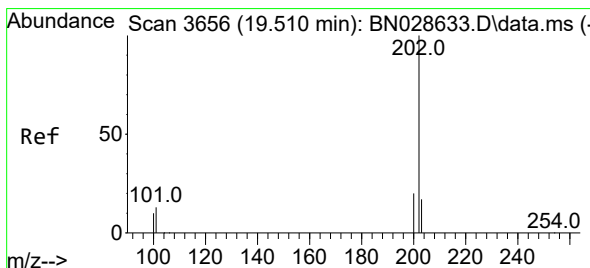
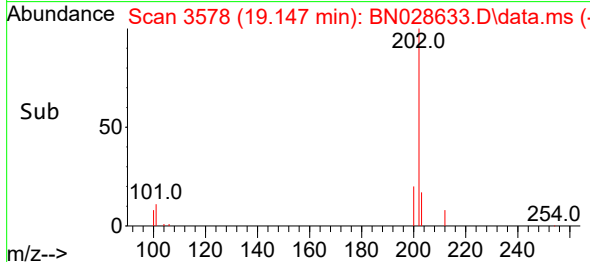
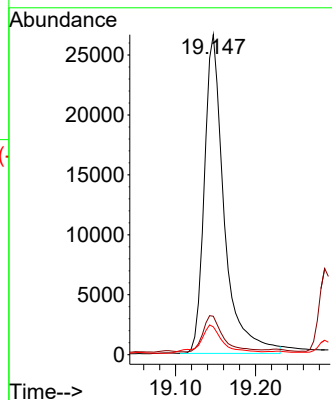
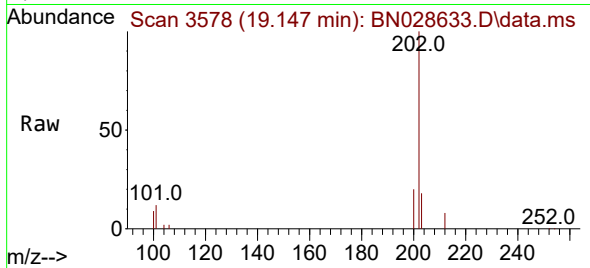




#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.147 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

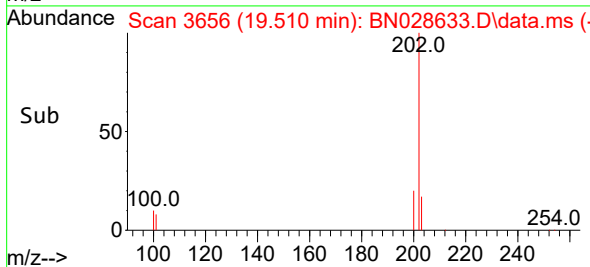
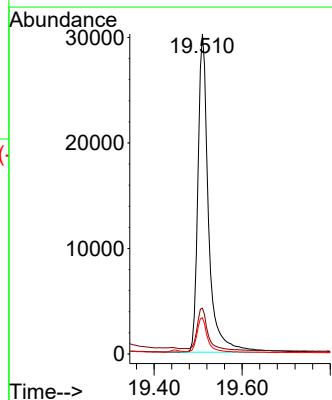
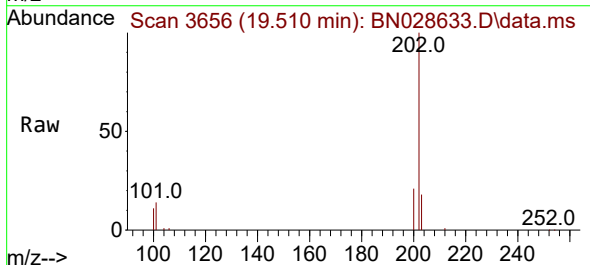
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

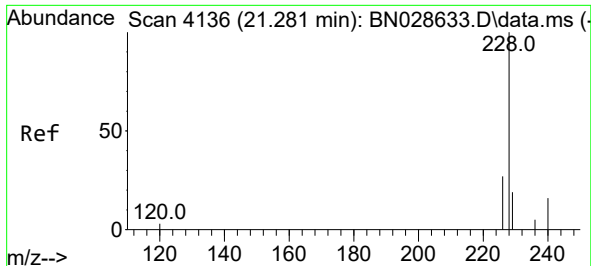
Tgt Ion:202 Resp: 46009
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.510 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:202 Resp: 50707
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.3 8.2 12.2

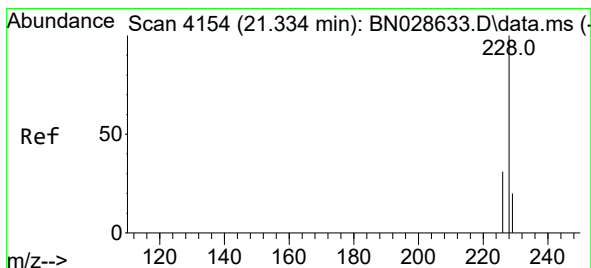
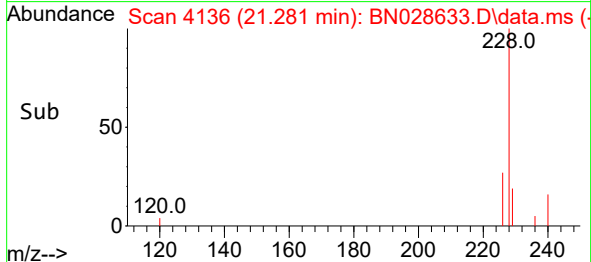
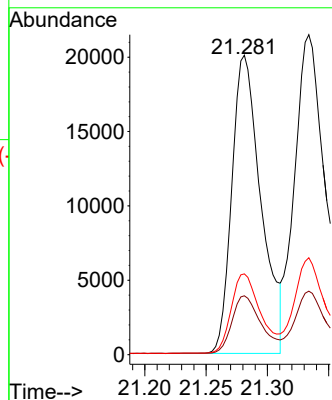
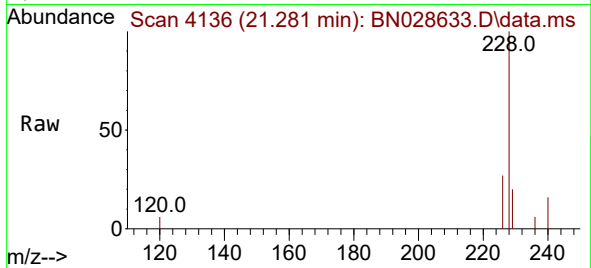




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.281 min Scan# 4136
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

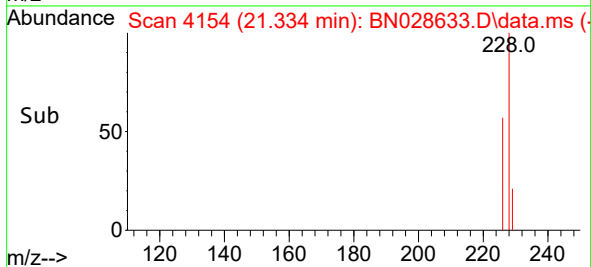
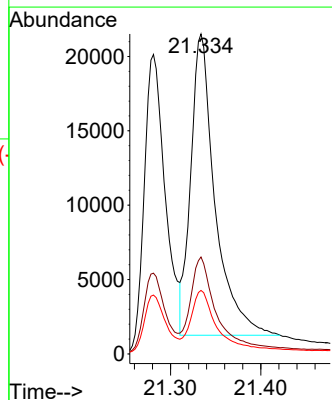
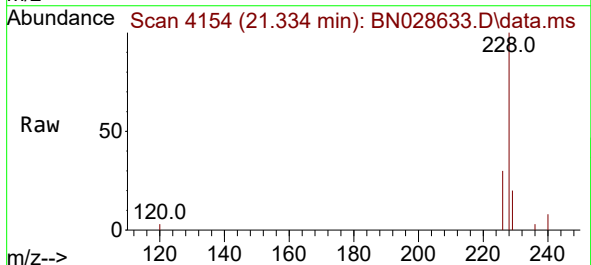
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

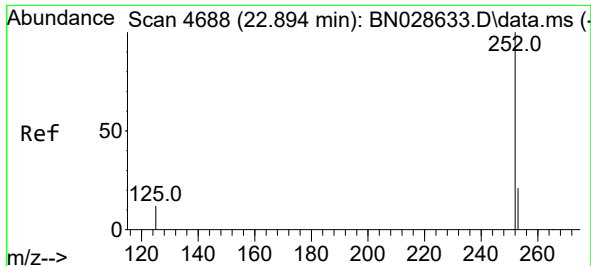
Tgt Ion:228 Resp: 33186
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.0 21.4 32.0



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.334 min Scan# 4154
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:228 Resp: 37768
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 19.9 15.4 23.2

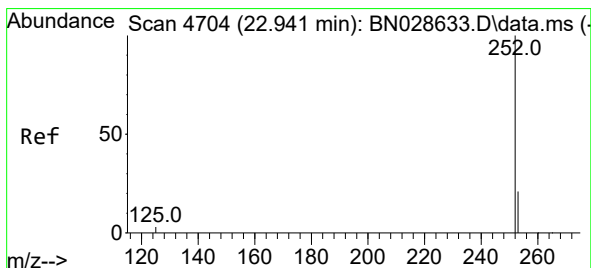
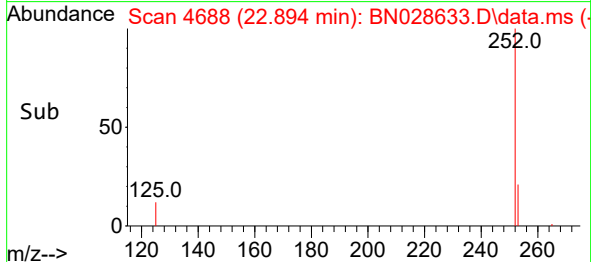
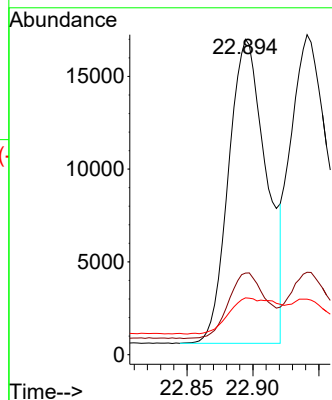
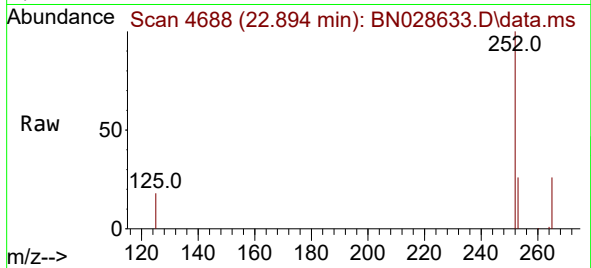




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.894 min Scan# 4688
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

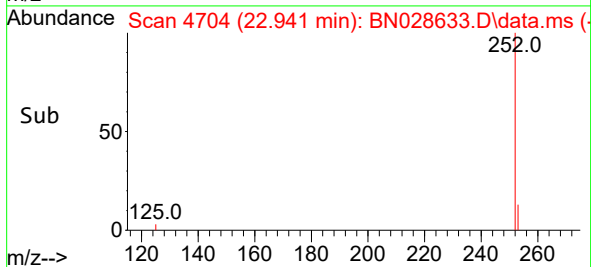
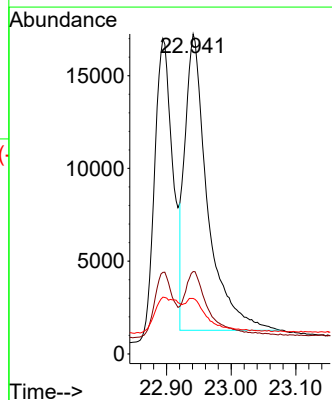
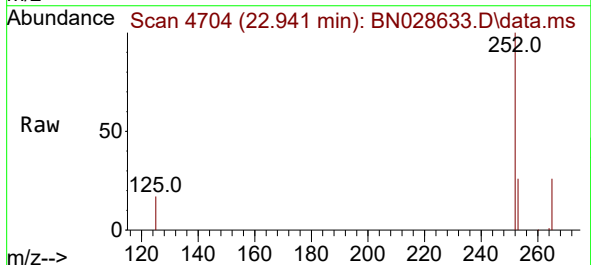
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

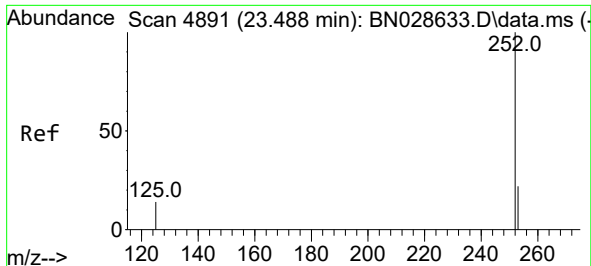
Tgt Ion:252 Resp: 32689
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.6
125 18.0 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul
RT: 22.941 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:252 Resp: 38636
Ion Ratio Lower Upper
252 100
253 25.8 18.6 28.0
125 17.3 12.7 19.1

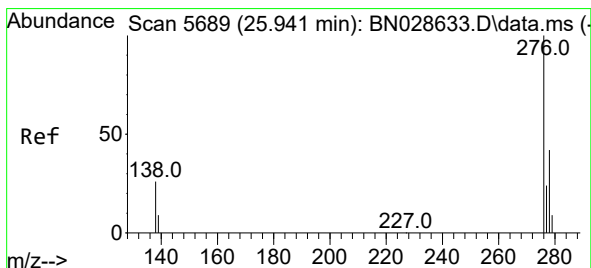
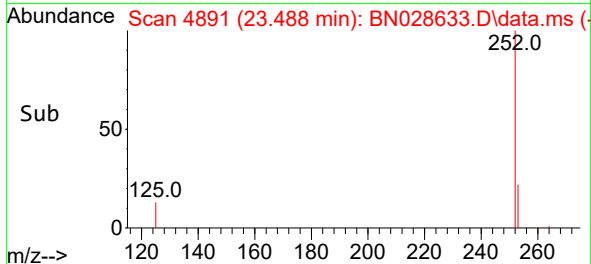
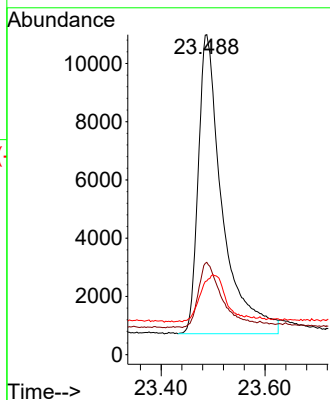
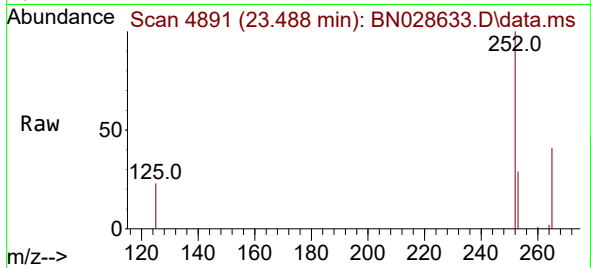




#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.488 min Scan# 4891
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

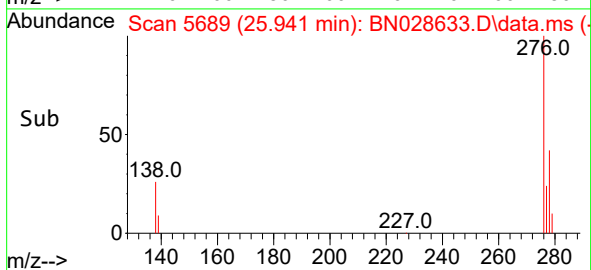
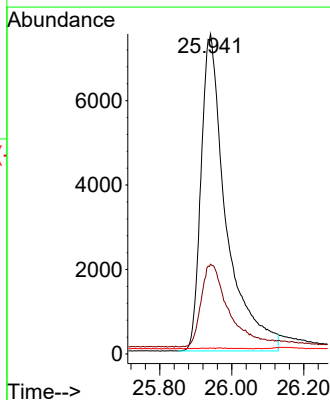
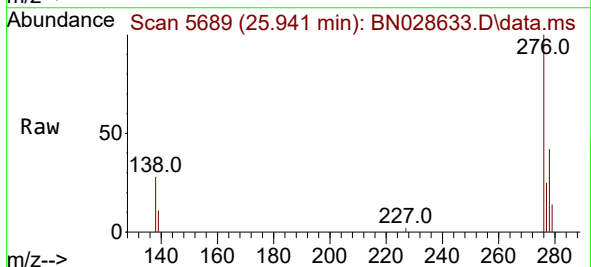
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

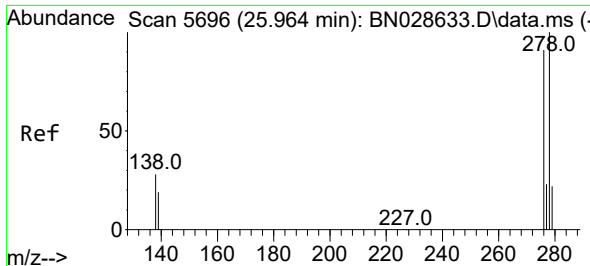
Tgt Ion:252 Resp: 32922
Ion Ratio Lower Upper
252 100
253 28.9 19.0 28.6#
125 23.1 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 25.941 min Scan# 5689
Delta R.T. 0.000 min
Lab File: BN028633.D
Acq: 15 Nov 2023 18:09

Tgt Ion:276 Resp: 36329
Ion Ratio Lower Upper
276 100
138 29.1 23.8 35.6
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.412 ng/ul

RT: 25.964 min Scan# 5696

Delta R.T. 0.000 min

Lab File: BN028633.D

Acq: 15 Nov 2023 18:09

Instrument :

BNA_N

ClientSampleId :

SSTD0.4312

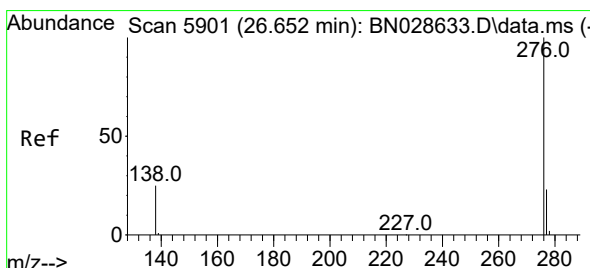
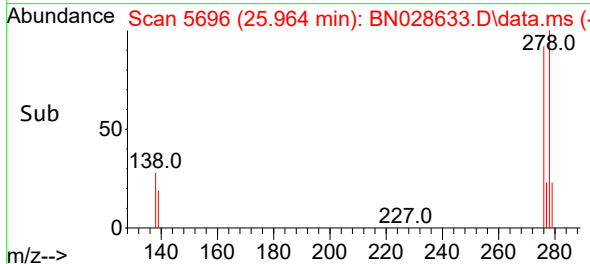
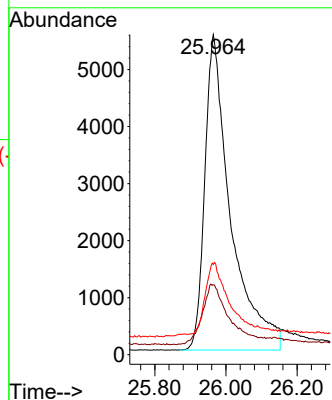
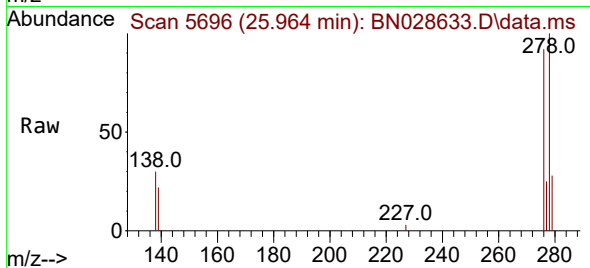
Tgt Ion:278 Resp: 27843

Ion Ratio Lower Upper

278 100

139 21.9 18.2 27.4

279 28.2 20.7 31.1



#29

Benzo(g,h,i)perylene

Concen: 0.456 ng/ul

RT: 26.652 min Scan# 5901

Delta R.T. 0.000 min

Lab File: BN028633.D

Acq: 15 Nov 2023 18:09

Tgt Ion:276 Resp: 31615

Ion Ratio Lower Upper

276 100

138 27.1 20.5 30.7

277 24.6 19.4 29.0

