

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027897.D
 Acq On : 27 Sep 2023 13:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4275

Quant Time: Sep 28 00:00:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

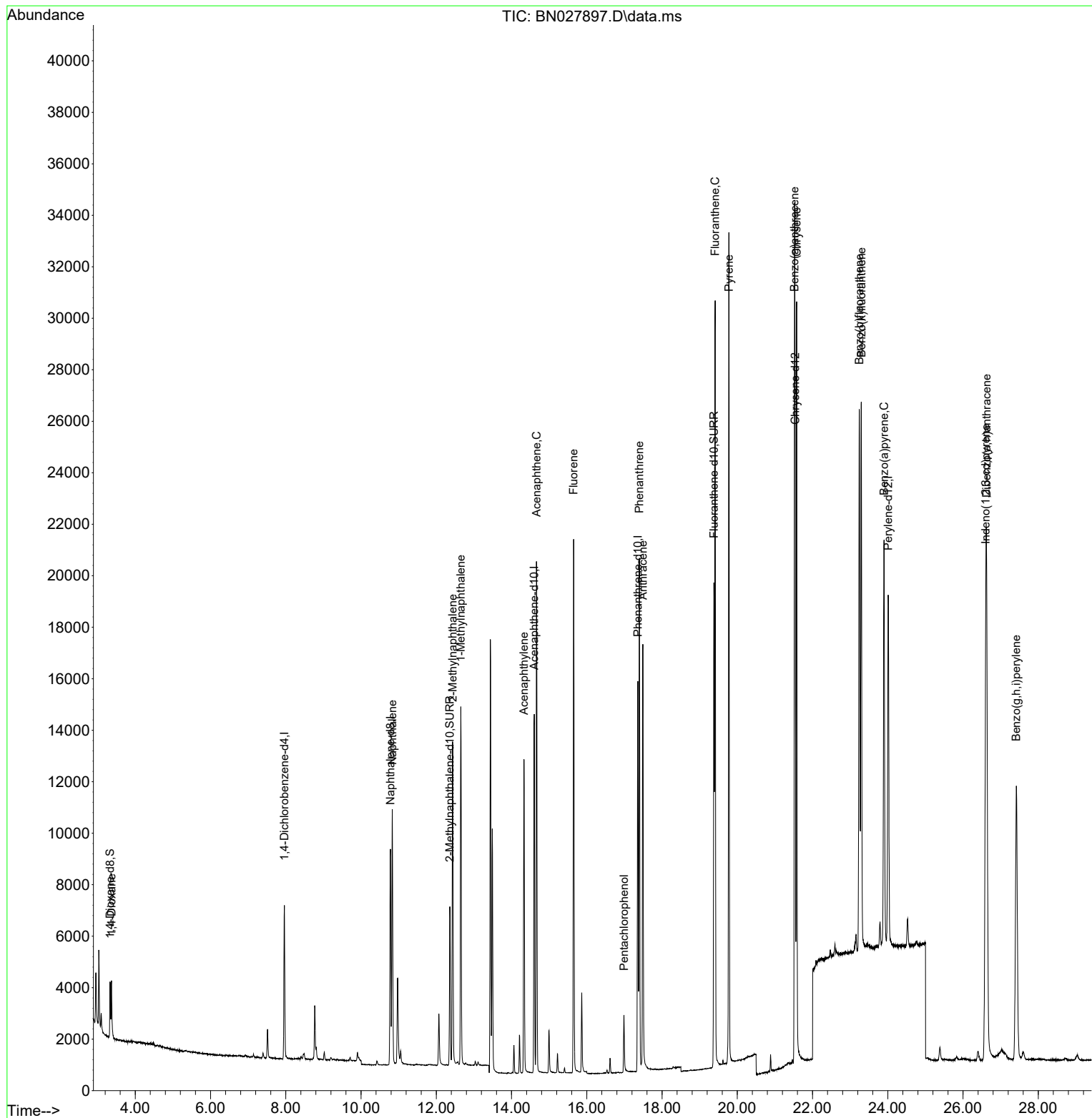
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.783	136	11717	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	7909	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.357	188	17690	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17804	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	19986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1595	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	8297	0.467	ng/ul	0.00
18) Fluoranthene-d10	19.379	212	21154	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	1625	0.394	ng/ul	95
5) Naphthalene	10.832	128	13674	0.408	ng/ul	100
7) 2-Methylnaphthalene	12.438	142	9245	0.435	ng/ul	99
8) 1-Methylnaphthalene	12.652	142	9623	0.439	ng/ul	99
10) Acenaphthylene	14.331	152	14212	0.411	ng/ul	100
11) Acenaphthene	14.664	153	11372	0.381	ng/ul	98
12) Fluorene	15.650	166	13166	0.375	ng/ul	98
14) Pentachlorophenol	16.989	266	1667	0.403	ng/ul	98
15) Phenanthrene	17.399	178	21459	0.386	ng/ul	99
16) Anthracene	17.492	178	19410	0.417	ng/ul	99
19) Fluoranthene	19.411	202	25610	0.356	ng/ul	99
20) Pyrene	19.778	202	26889	0.363	ng/ul	99
21) Benzo(a)anthracene	21.523	228	26677	0.387	ng/ul	99
22) Chrysene	21.578	228	26499	0.372	ng/ul	99
24) Benzo(b)fluoranthene	23.241	252	29380	0.330	ng/ul	99
25) Benzo(k)fluoranthene	23.297	252	28937	0.335	ng/ul	98
26) Benzo(a)pyrene	23.902	252	25440	0.355	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.604	276	30883	0.336	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.624	278	25184	0.341	ng/ul	98
29) Benzo(g,h,i)perylene	27.416	276	25026	0.321	ng/ul	99

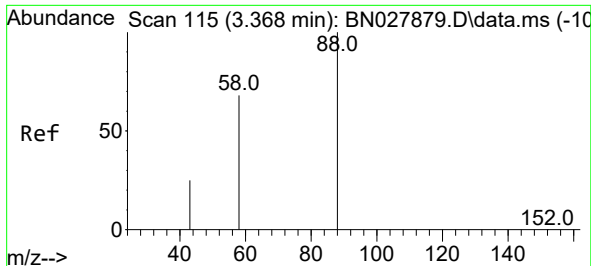
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027897.D
Acq On : 27 Sep 2023 13:43
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

Quant Time: Sep 28 00:00:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

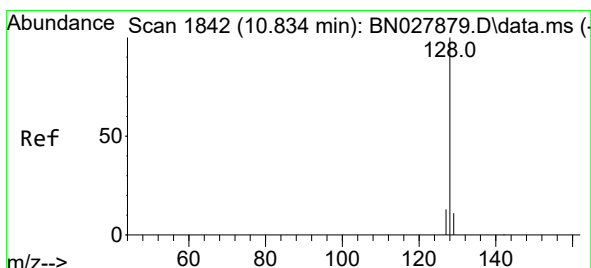
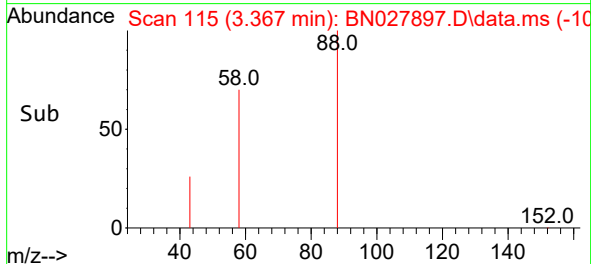
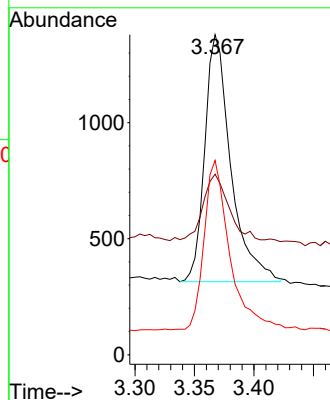
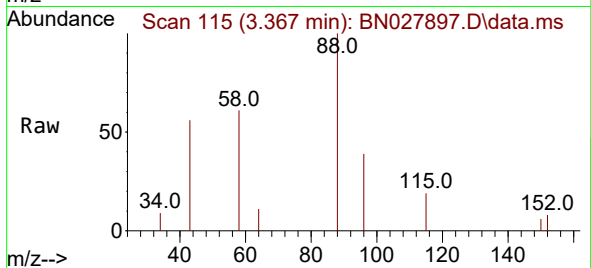




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.367 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

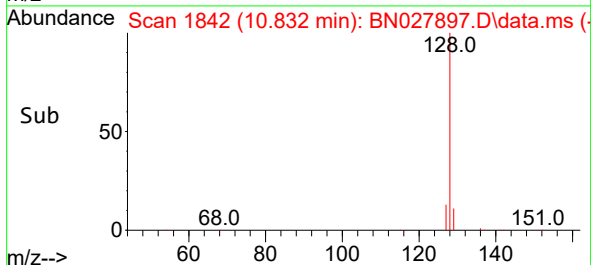
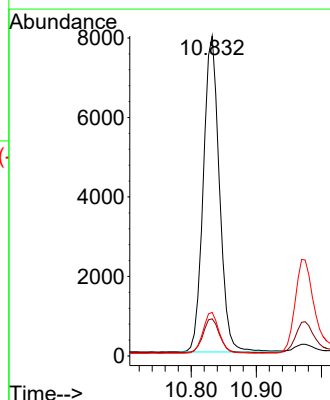
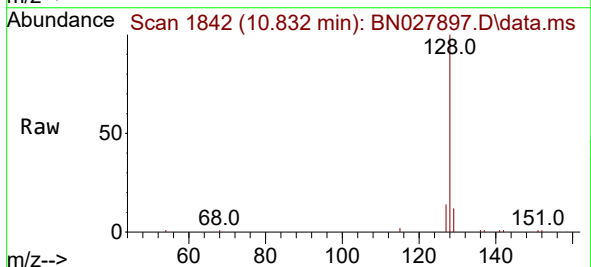
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

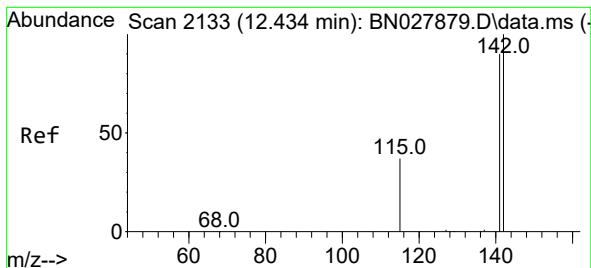
Tgt Ion: 88 Resp: 1625
Ion Ratio Lower Upper
88 100
43 56.4 39.6 59.4
58 60.7 48.3 72.5



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.832 min Scan# 1842
Delta R.T. -0.002 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion: 128 Resp: 13674
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.435 ng/ul

RT: 12.438 min Scan# 2133

Delta R.T. 0.004 min

Lab File: BN027897.D

Acq: 27 Sep 2023 13:43

Instrument :

BNA_N

ClientSampleId :

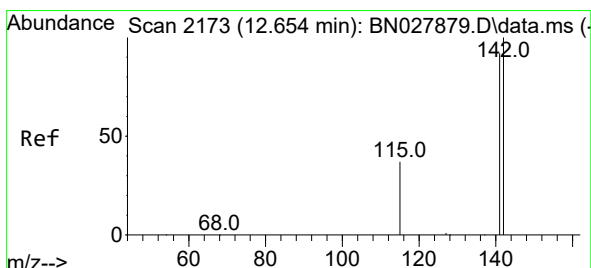
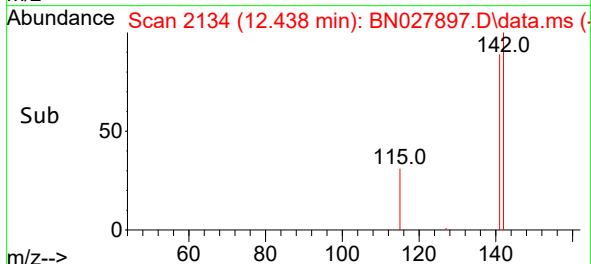
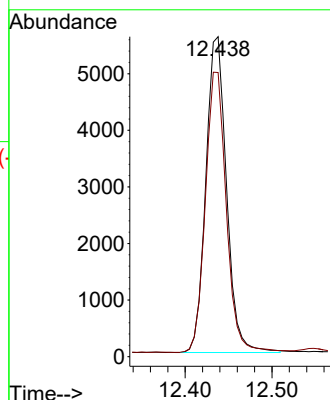
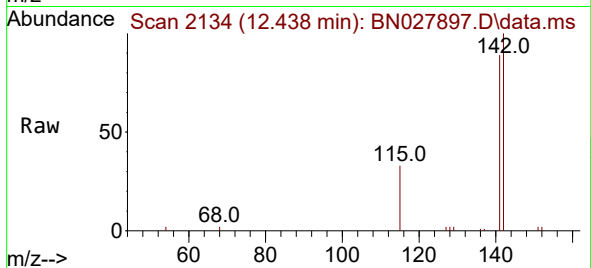
SSTD0.4275

Tgt Ion:142 Resp: 9245

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.439 ng/ul

RT: 12.652 min Scan# 2173

Delta R.T. -0.002 min

Lab File: BN027897.D

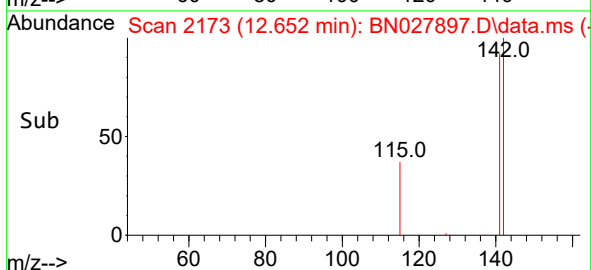
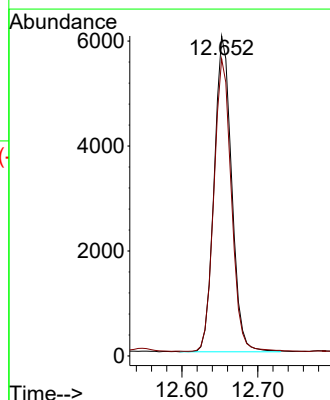
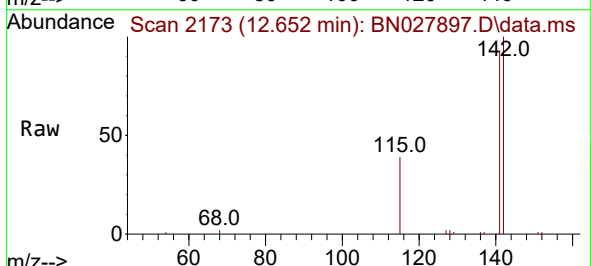
Acq: 27 Sep 2023 13:43

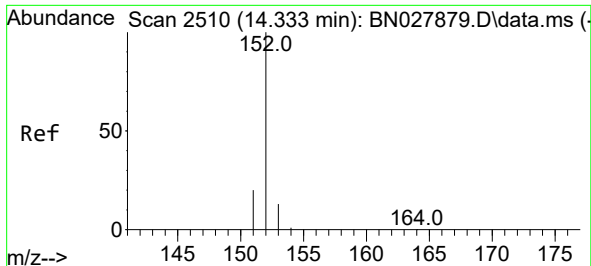
Tgt Ion:142 Resp: 9623

Ion Ratio Lower Upper

142 100

141 92.3 72.8 109.2

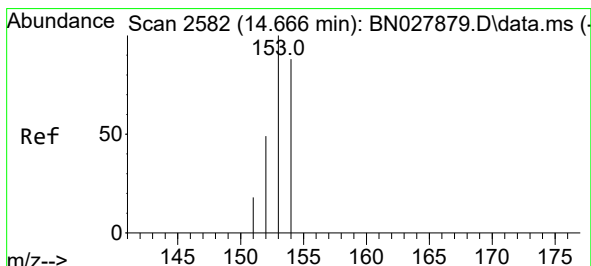
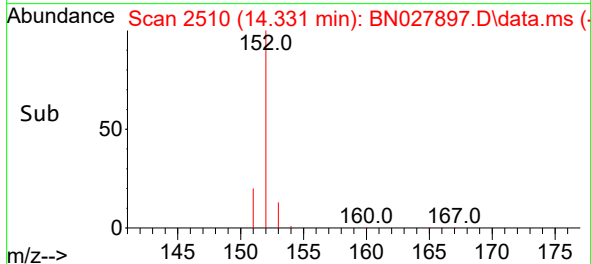
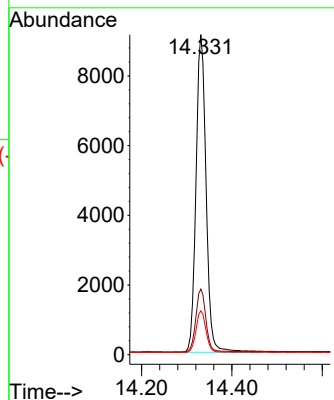
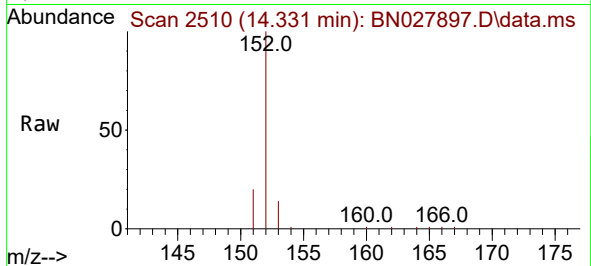




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.331 min Scan# 2510
Delta R.T. -0.002 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

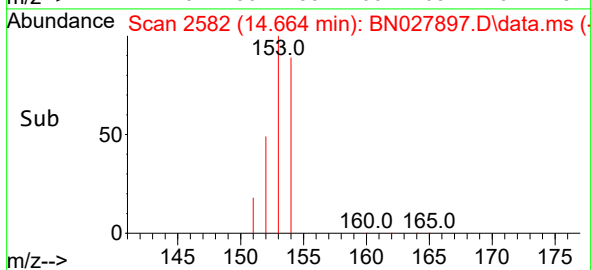
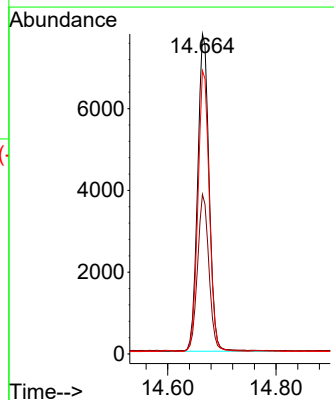
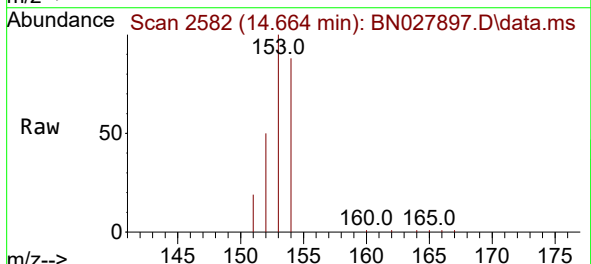
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

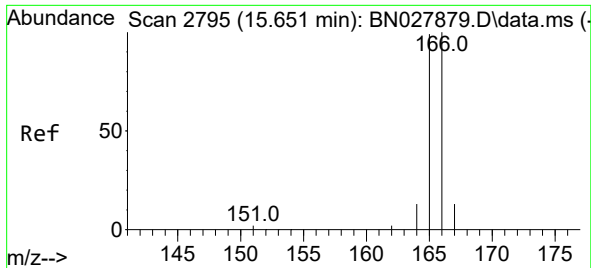
Tgt Ion:152 Resp: 14212
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.7 11.0 16.6



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.664 min Scan# 2582
Delta R.T. -0.002 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion:153 Resp: 11372
Ion Ratio Lower Upper
153 100
152 49.8 41.7 62.5
154 88.5 70.3 105.5

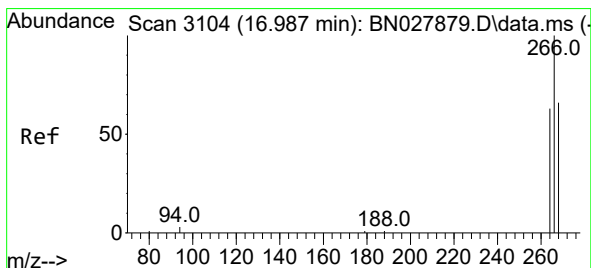
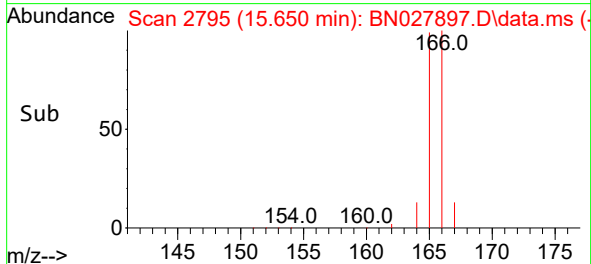
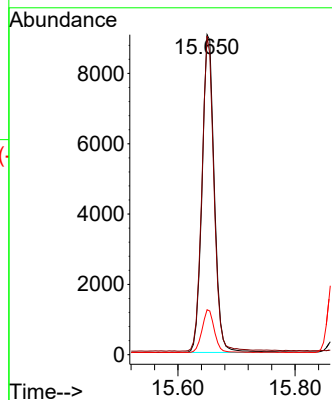
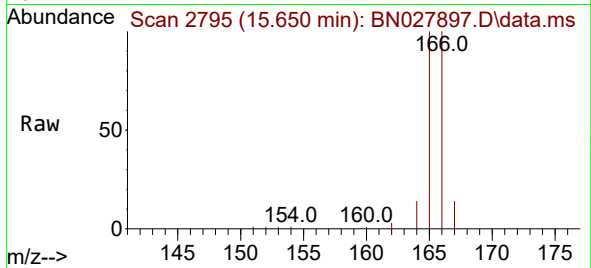




#12
 Fluorene
 Concen: 0.375 ng/ul
 RT: 15.650 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BN027897.D
 Acq: 27 Sep 2023 13:43

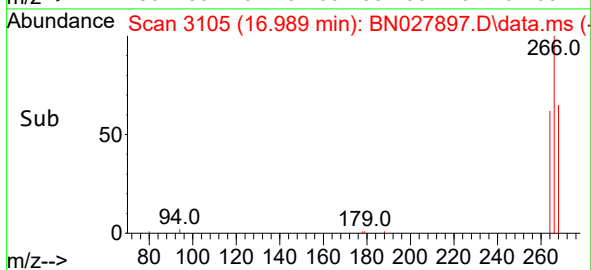
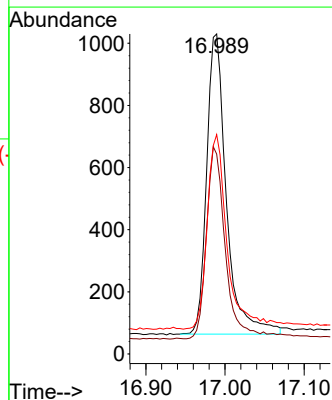
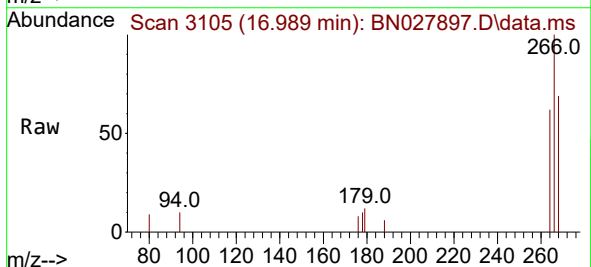
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4275

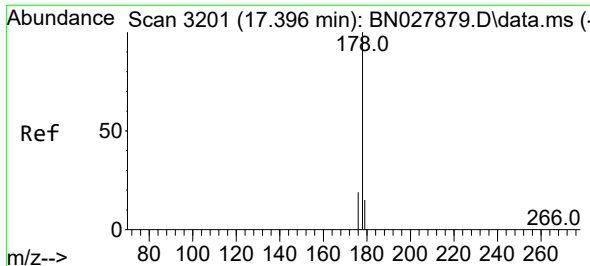
Tgt Ion:166 Resp: 13166
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.0 117.0
 167 14.1 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.403 ng/ul
 RT: 16.989 min Scan# 3105
 Delta R.T. 0.003 min
 Lab File: BN027897.D
 Acq: 27 Sep 2023 13:43

Tgt Ion:266 Resp: 1667
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.6 74.4
 268 66.6 50.7 76.1

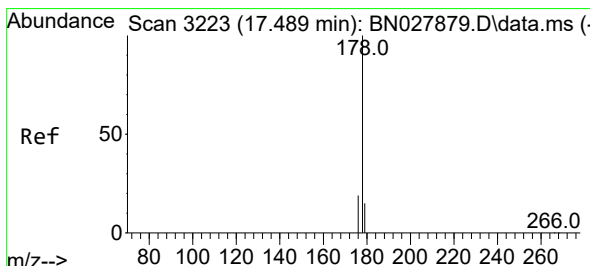
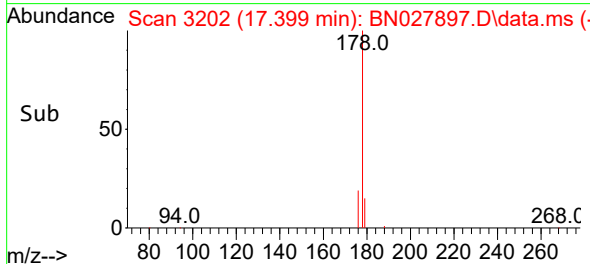
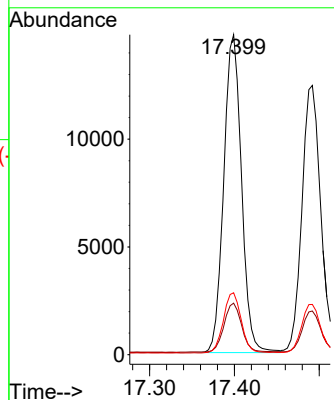
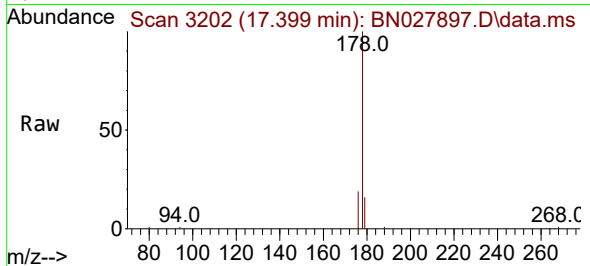




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.399 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

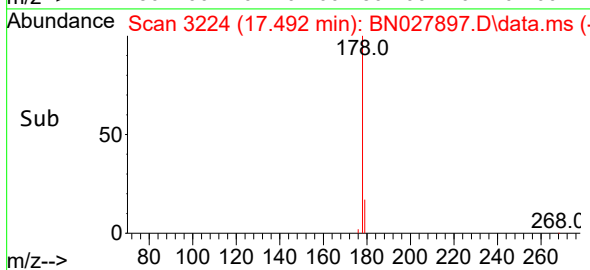
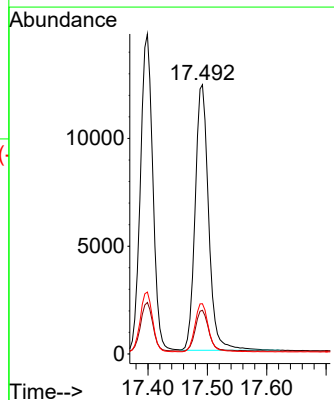
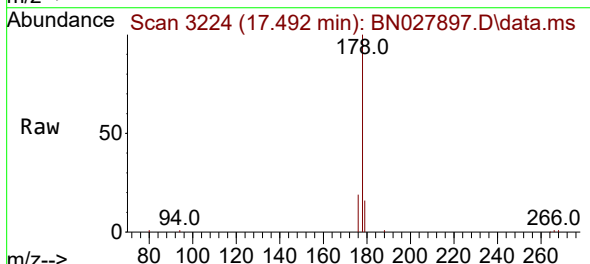
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

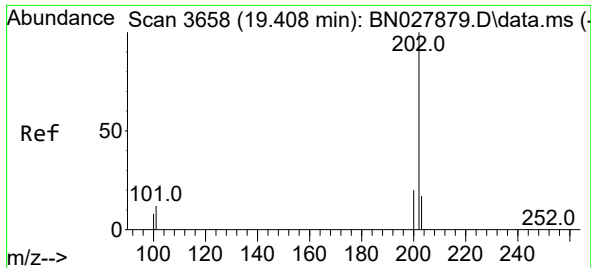
Tgt Ion:178 Resp: 21459
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.4 16.0 24.0



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.492 min Scan# 3224
Delta R.T. 0.003 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion:178 Resp: 19410
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.7 15.5 23.3

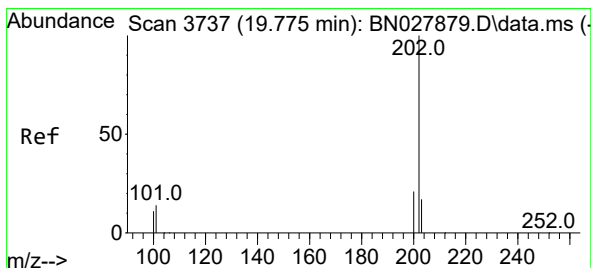
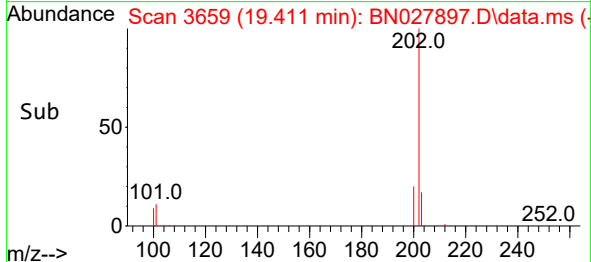
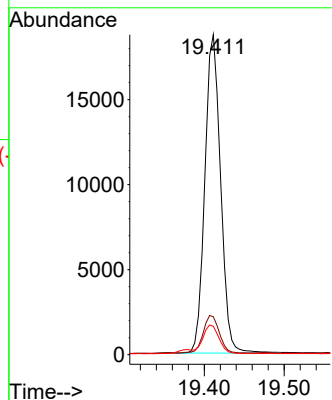
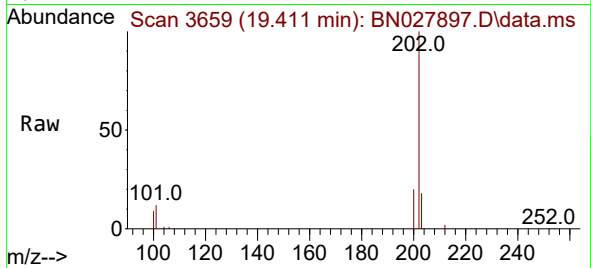




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.411 min Scan# 3659
Delta R.T. 0.003 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

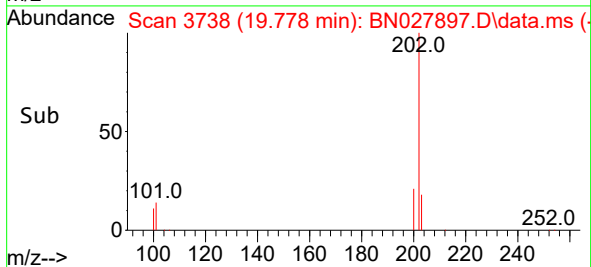
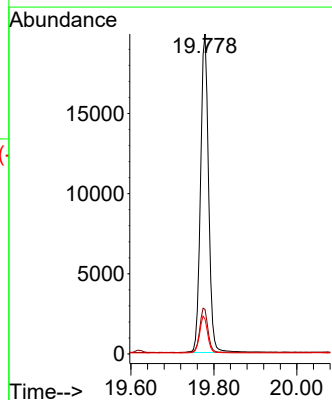
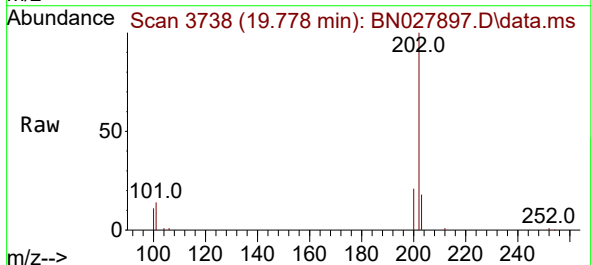
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

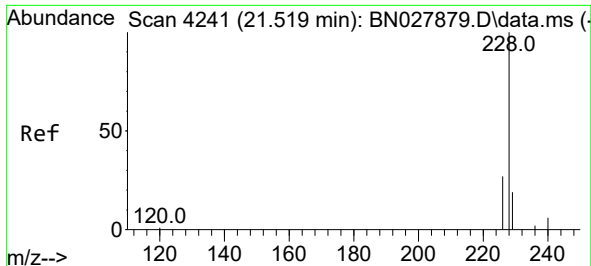
Tgt Ion:202 Resp: 25610
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 8.8 7.0 10.4



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.778 min Scan# 3738
Delta R.T. 0.003 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion:202 Resp: 26889
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.9 9.1 13.7

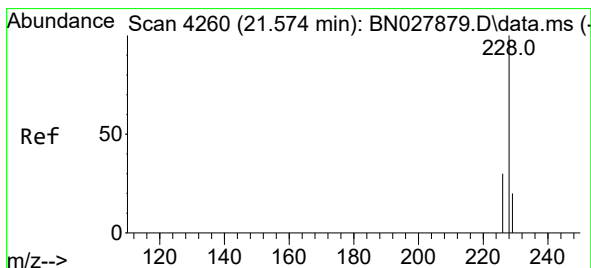
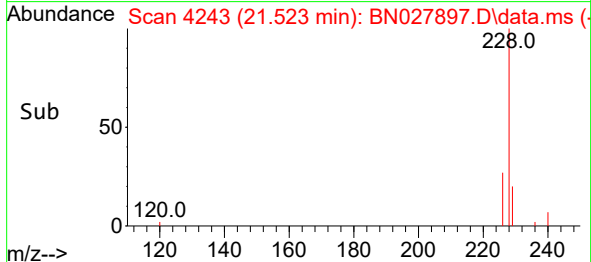
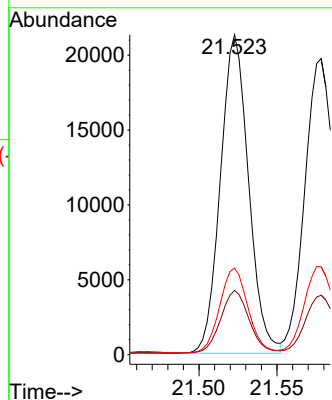
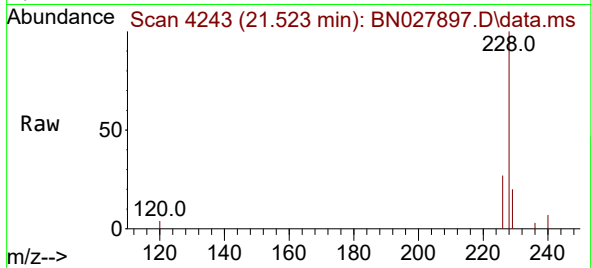




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.523 min Scan# 4241
Delta R.T. 0.004 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

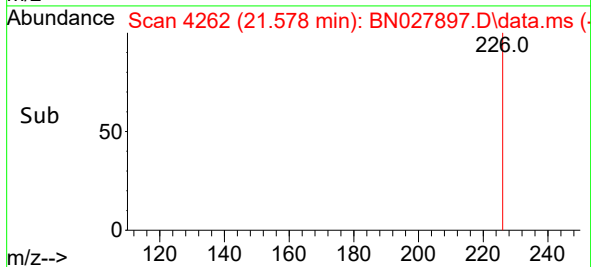
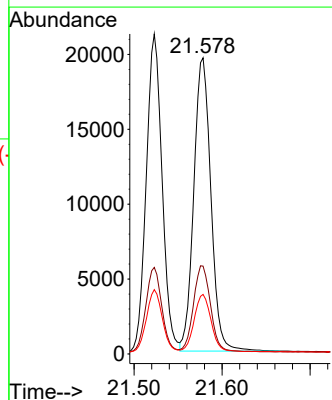
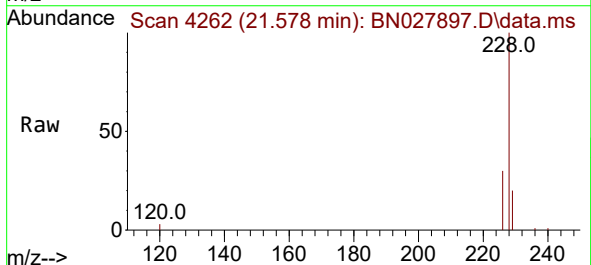
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

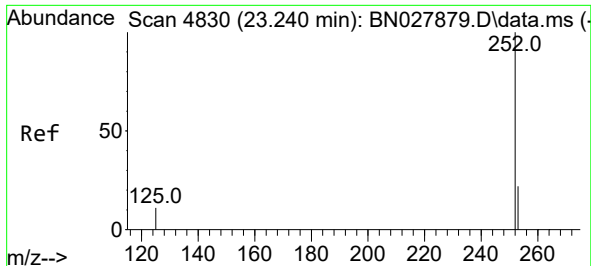
Tgt Ion:228 Resp: 26677
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.578 min Scan# 4262
Delta R.T. 0.004 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion:228 Resp: 26499
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 20.1 16.0 24.0

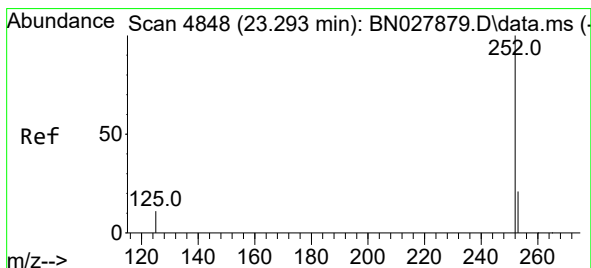
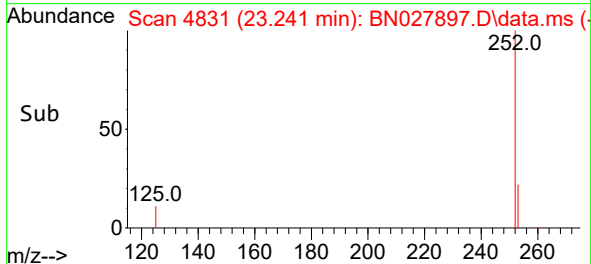
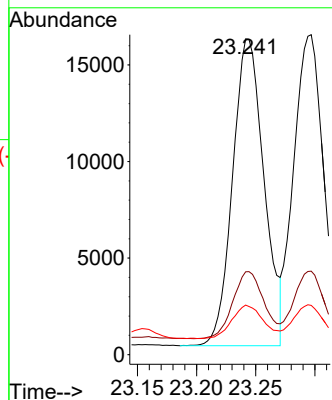
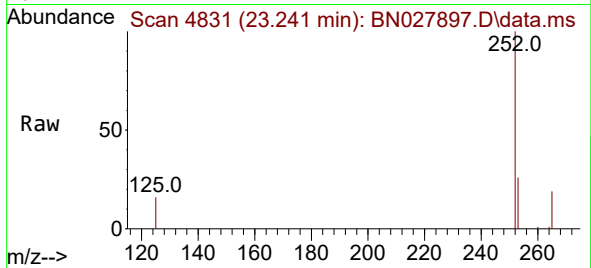




#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.241 min Scan# 4830
Delta R.T. 0.001 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

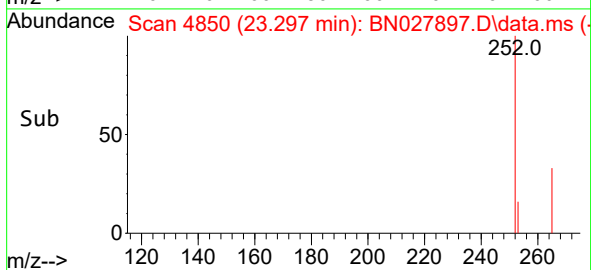
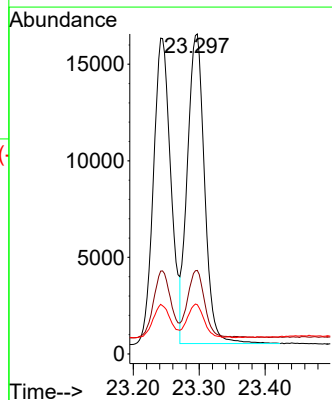
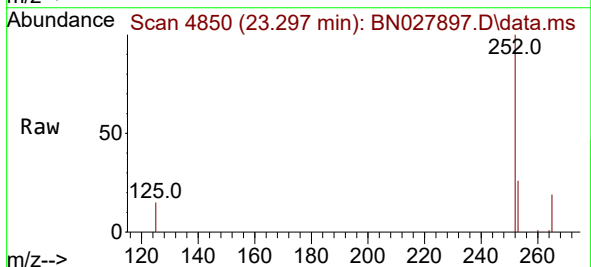
Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

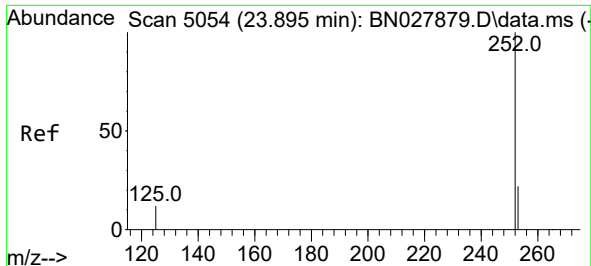
Tgt Ion:252 Resp: 29380
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.2
125 15.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.297 min Scan# 4850
Delta R.T. 0.004 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

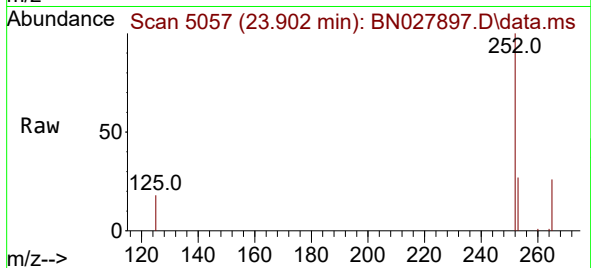
Tgt Ion:252 Resp: 28937
Ion Ratio Lower Upper
252 100
253 26.1 19.9 29.9
125 15.4 12.6 19.0



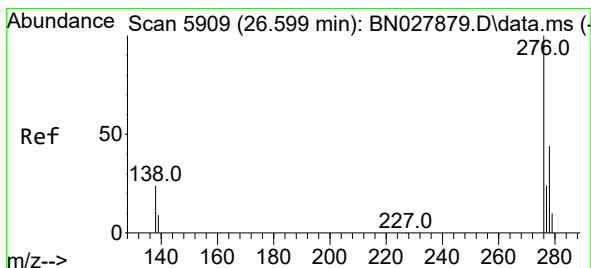
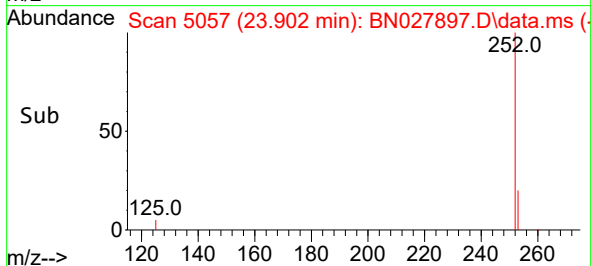
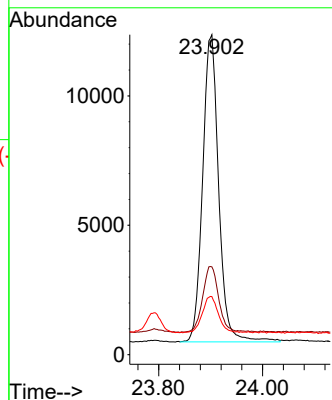


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.902 min Scan# 5054
Delta R.T. 0.007 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.4275

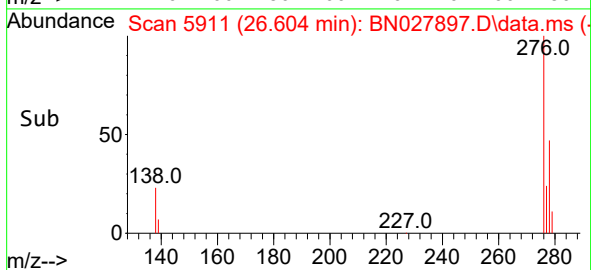
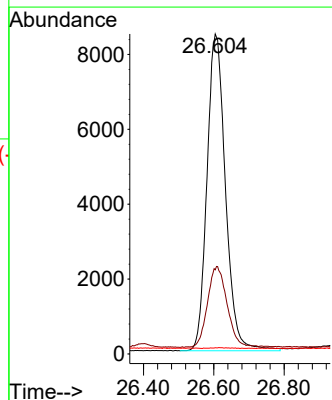
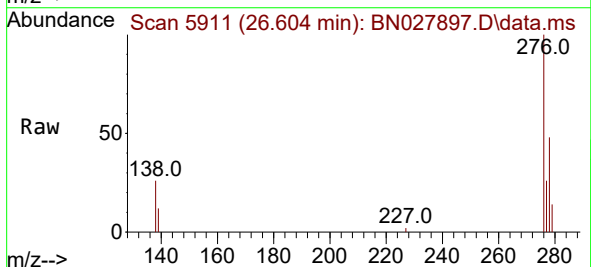


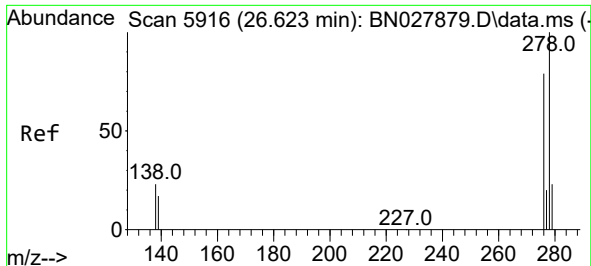
Tgt Ion:252 Resp: 25440
Ion Ratio Lower Upper
252 100
253 27.4 21.9 32.9
125 18.1 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.604 min Scan# 5911
Delta R.T. 0.005 min
Lab File: BN027897.D
Acq: 27 Sep 2023 13:43

Tgt Ion:276 Resp: 30883
Ion Ratio Lower Upper
276 100
138 26.9 24.3 36.5
227 0.0 0.0 0.0#

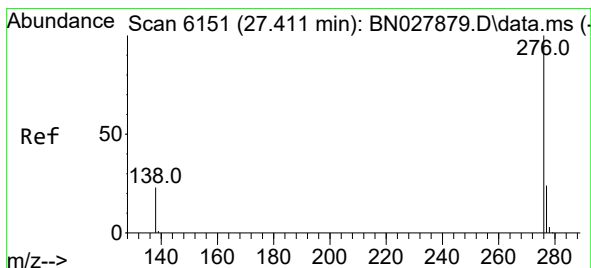
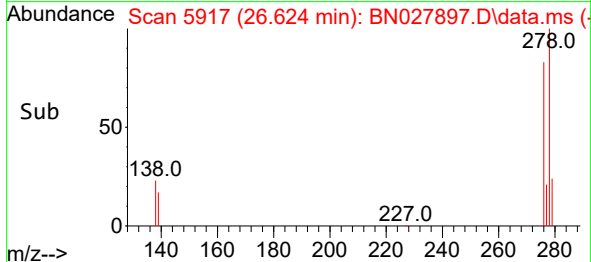
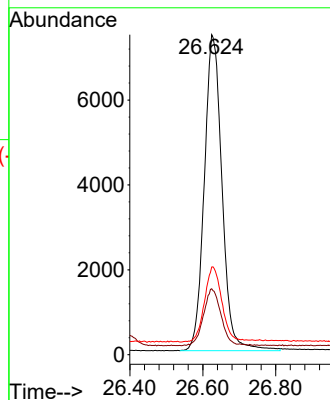
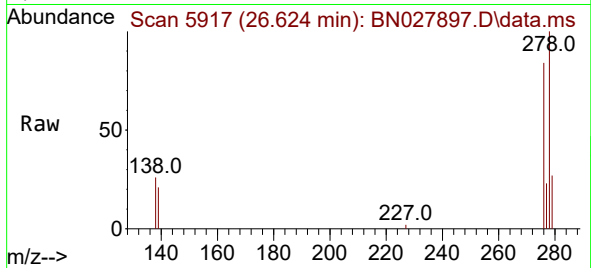




#28
 Dibenzo(a,h)anthracene
 Concen: 0.341 ng/ul
 RT: 26.624 min Scan# 5916
 Delta R.T. 0.002 min
 Lab File: BN027897.D
 Acq: 27 Sep 2023 13:43

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4275

Tgt Ion:278 Resp: 25184
 Ion Ratio Lower Upper
 278 100
 139 20.6 17.2 25.8
 279 27.4 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.321 ng/ul
 RT: 27.416 min Scan# 6153
 Delta R.T. 0.005 min
 Lab File: BN027897.D
 Acq: 27 Sep 2023 13:43

Tgt Ion:276 Resp: 25026
 Ion Ratio Lower Upper
 276 100
 138 25.7 21.7 32.5
 277 25.2 20.2 30.2

