

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022878.D
 Acq On : 26 Nov 2022 12:23
 Operator : CG/JU
 Sample : SSTD1.656
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6213

Quant Time: Nov 28 03:01:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 02:35:52 2022
 Response via : Initial Calibration

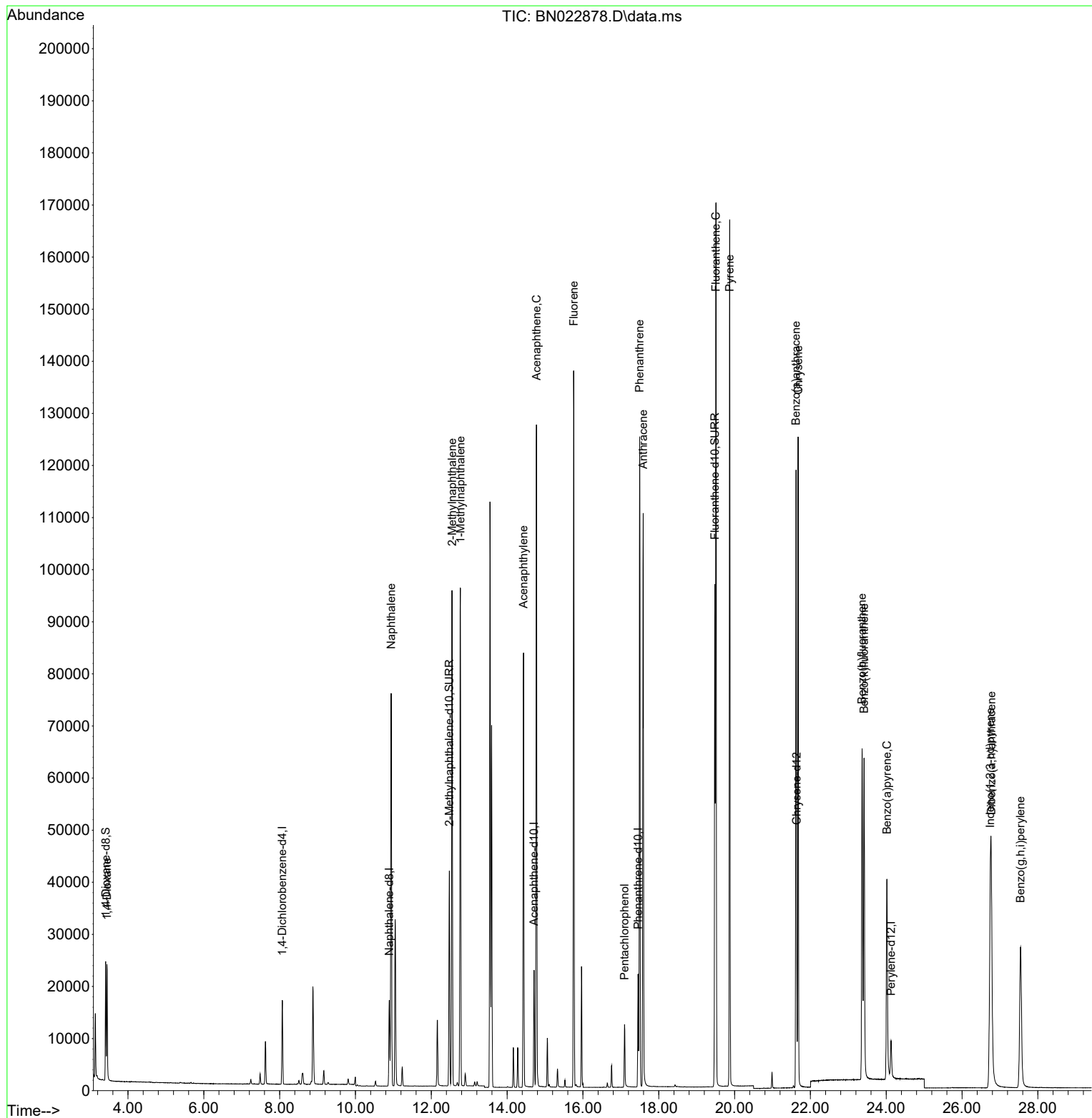
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	21406	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	11777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	24347	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	16816	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	10147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	13718	1.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	50065	1.535	ng/ul	0.00
18) Fluoranthene-d10	19.481	212	97241	1.565	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	14309	1.471	ng/ul	92
5) Naphthalene	10.942	128	97686	1.504	ng/ul	99
7) 2-Methylnaphthalene	12.547	142	62717	1.545	ng/ul	99
8) 1-Methylnaphthalene	12.767	142	63250	1.531	ng/ul	100
10) Acenaphthylene	14.432	152	91670	1.579	ng/ul	100
11) Acenaphthene	14.775	153	70180	1.527	ng/ul	99
12) Fluorene	15.756	166	82206	1.579	ng/ul	99
14) Pentachlorophenol	17.099	266	8020	1.575	ng/ul#	100
15) Phenanthrene	17.496	178	127833	1.530	ng/ul	99
16) Anthracene	17.589	178	115769	1.614	ng/ul	99
19) Fluoranthene	19.509	202	135301	1.557	ng/ul	99
20) Pyrene	19.871	202	129334	1.519	ng/ul	100
21) Benzo(a)anthracene	21.622	228	99728	1.551	ng/ul	100
22) Chrysene	21.677	228	103987	1.475	ng/ul	99
24) Benzo(b)fluoranthene	23.364	252	83745	1.629	ng/ul	96
25) Benzo(k)fluoranthene	23.414	252	87077	1.602	ng/ul	97
26) Benzo(a)pyrene	24.019	252	62677	1.600	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.745	276	75900	1.631	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.771	278	60956	1.649	ng/ul	96
29) Benzo(g,h,i)perylene	27.543	276	63725	1.570	ng/ul	98

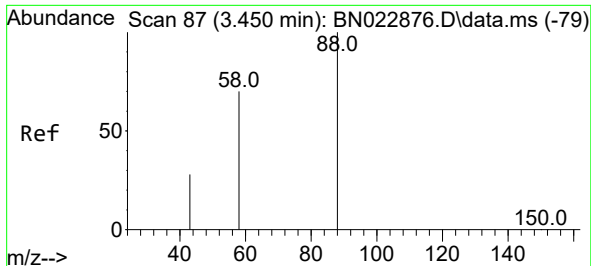
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
Data File : BN022878.D
Acq On : 26 Nov 2022 12:23
Operator : CG/JU
Sample : SSTD1.656
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Quant Time: Nov 28 03:01:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 28 02:35:52 2022
Response via : Initial Calibration

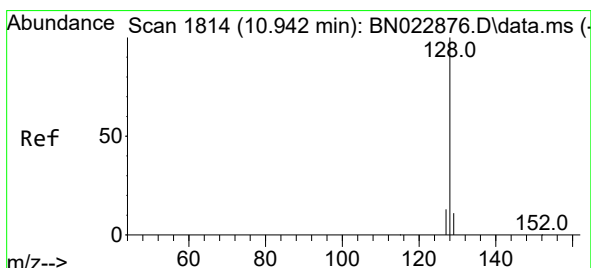
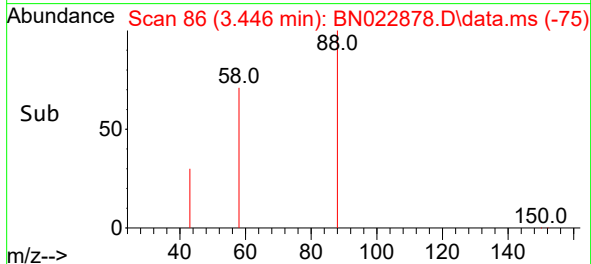
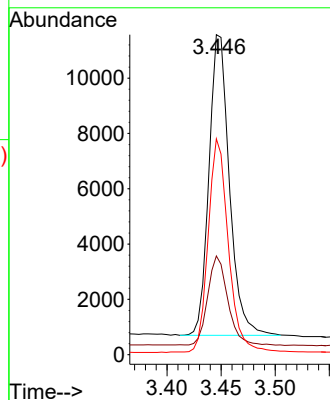
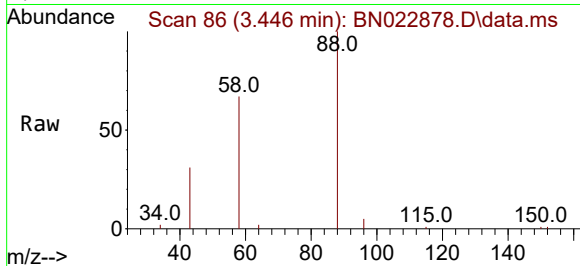




#2
1,4-Dioxane
Concen: 1.471 ng/ul
RT: 3.446 min Scan# 80
Delta R.T. -0.004 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

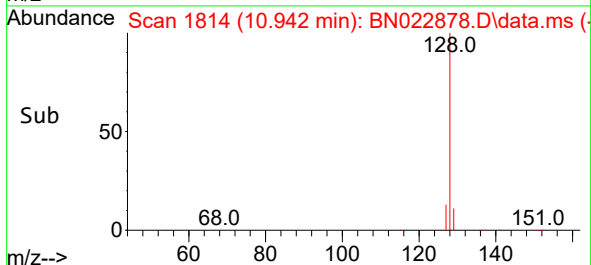
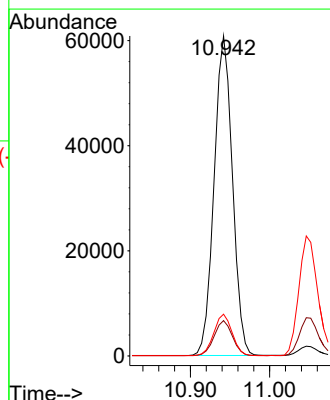
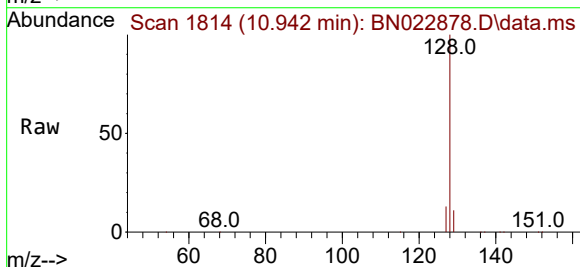
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

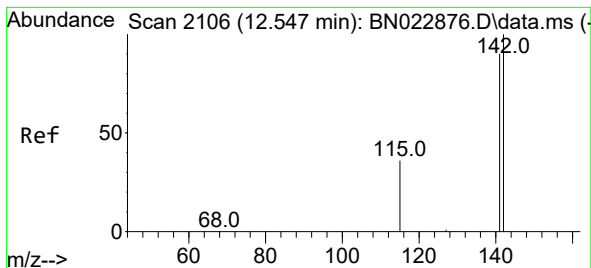
Tgt Ion: 88 Resp: 14309
Ion Ratio Lower Upper
88 100
43 30.9 26.2 39.4
58 67.5 47.6 71.4



#5
Naphthalene
Concen: 1.504 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:128 Resp: 97686
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.6 16.0

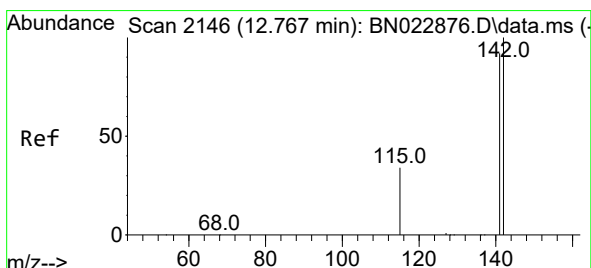
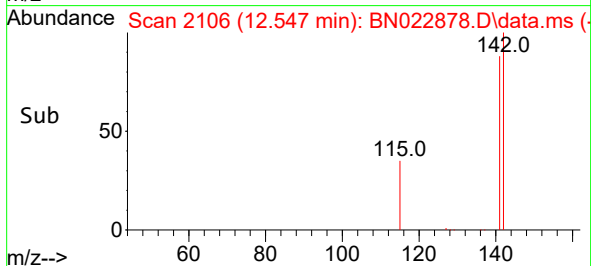
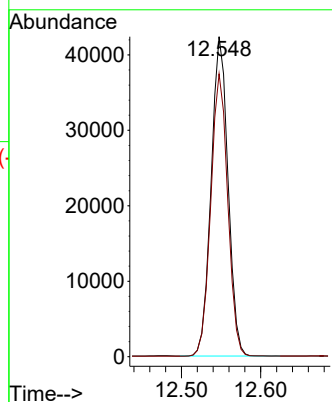
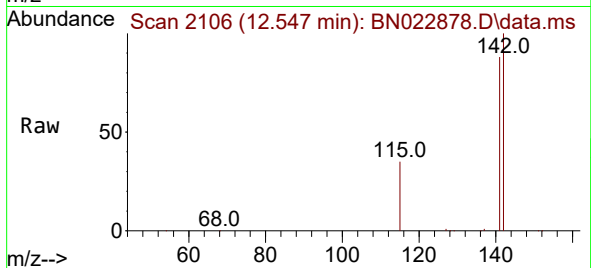




#7
2-Methylnaphthalene
Concen: 1.545 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

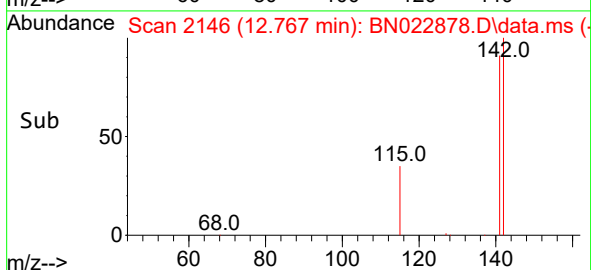
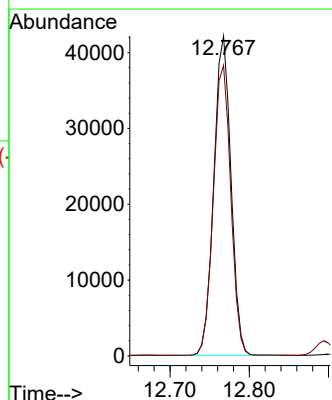
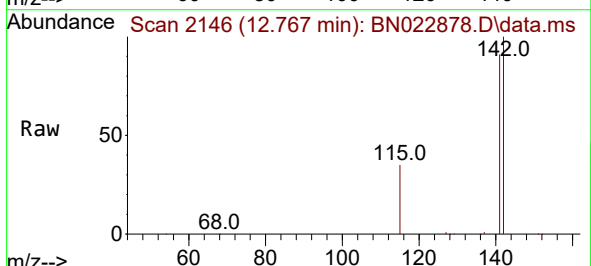
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

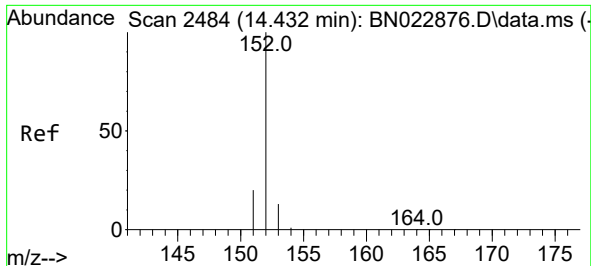
Tgt Ion:142 Resp: 62717
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 1.531 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:142 Resp: 63250
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

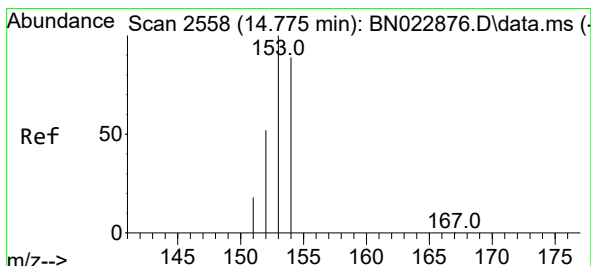
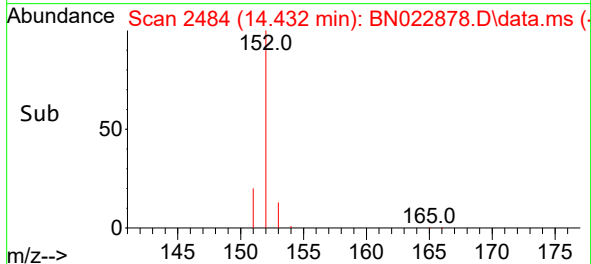
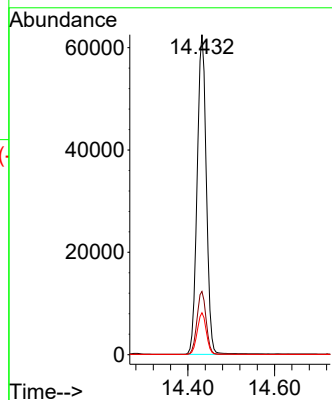
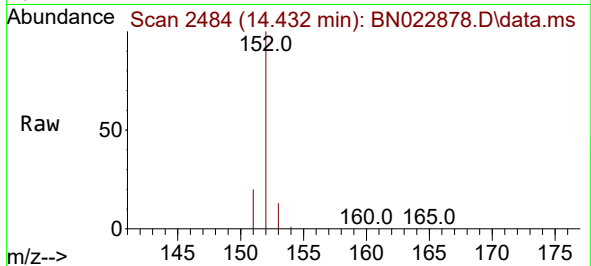




#10
Acenaphthylene
Concen: 1.579 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

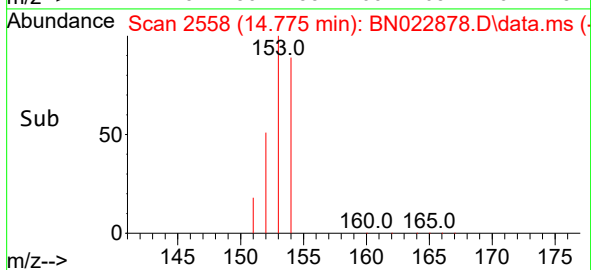
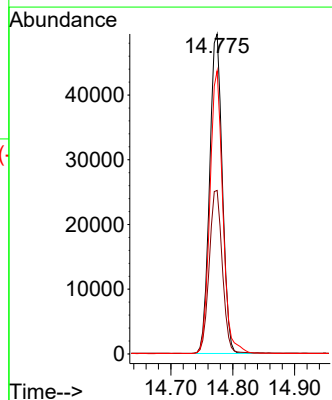
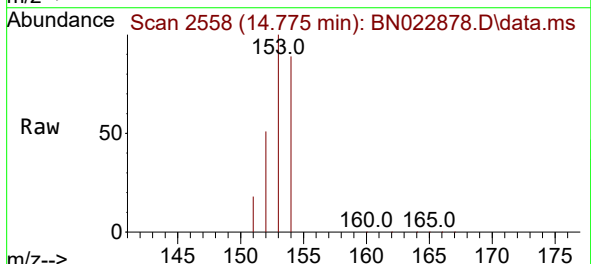
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

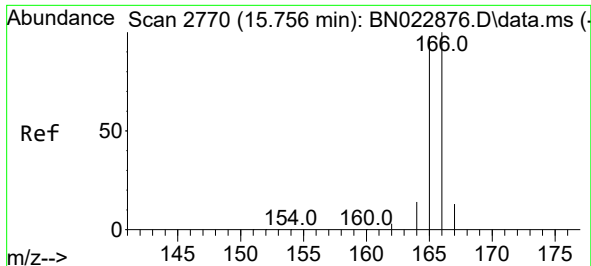
Tgt Ion:152 Resp: 91670
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 1.527 ng/ul
RT: 14.775 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:153 Resp: 70180
Ion Ratio Lower Upper
153 100
152 51.1 41.8 62.8
154 88.5 71.3 106.9

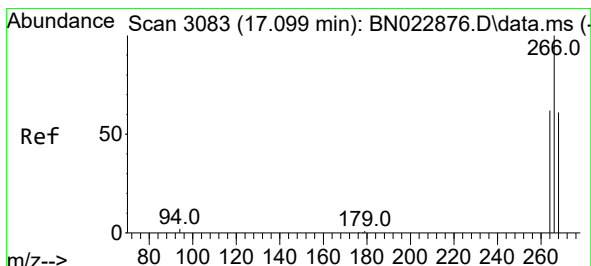
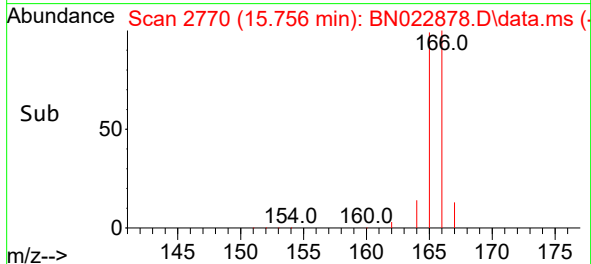
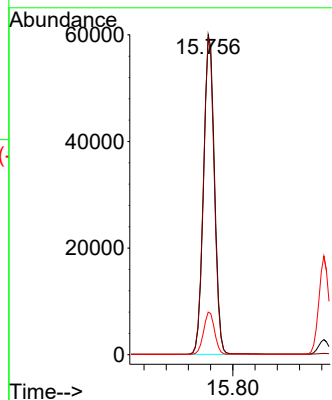
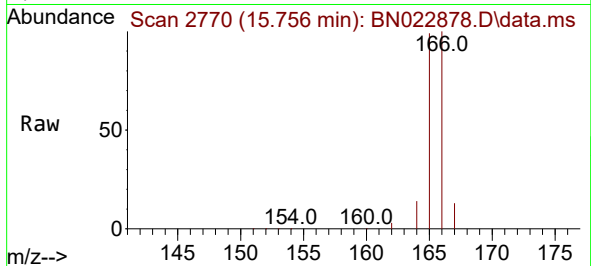




#12
Fluorene
Concen: 1.579 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

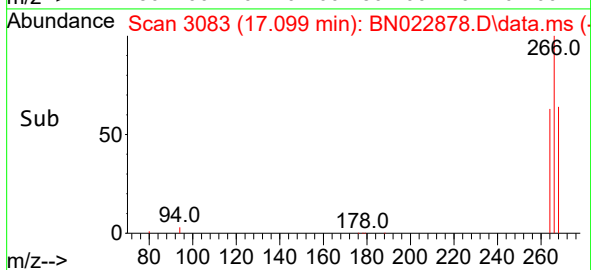
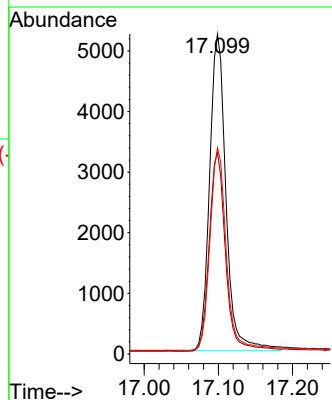
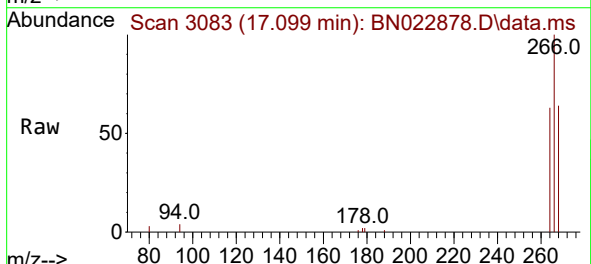
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

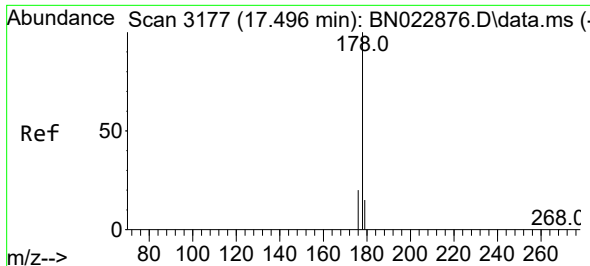
Tgt Ion:166 Resp: 82206
Ion Ratio Lower Upper
166 100
165 99.3 78.7 118.1
167 13.3 10.8 16.2



#14
Pentachlorophenol
Concen: 1.575 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:266 Resp: 8020
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 63.7 0.0 0.0#

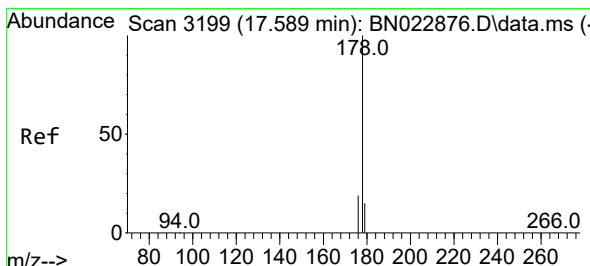
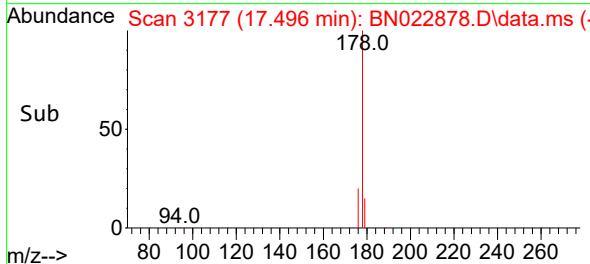
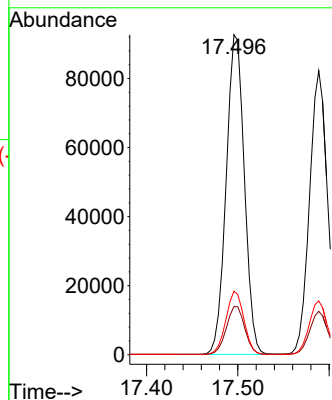
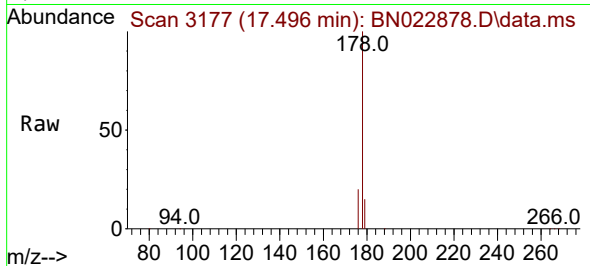




#15
Phenanthrene
Concen: 1.530 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

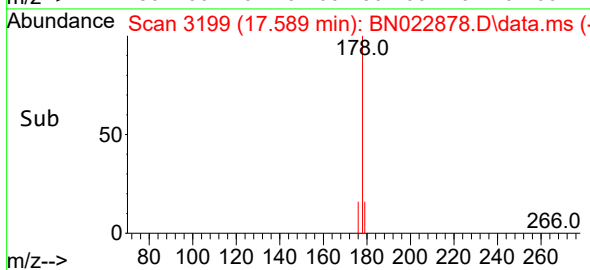
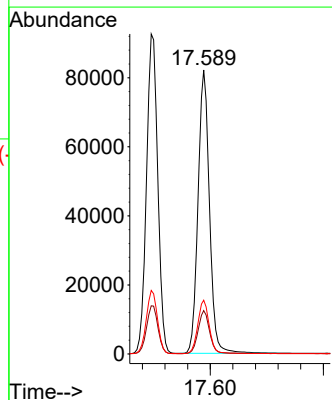
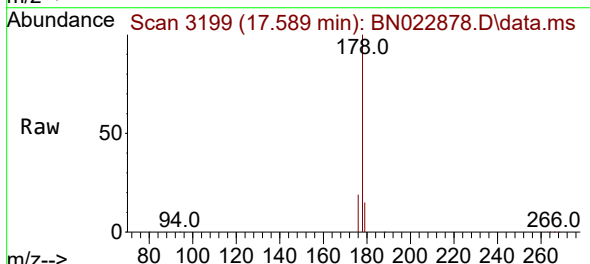
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

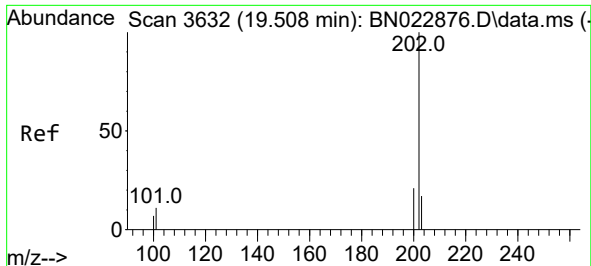
Tgt Ion:178 Resp: 127833
Ion Ratio Lower Upper
178 100
179 15.1 12.5 18.7
176 19.8 15.9 23.9



#16
Anthracene
Concen: 1.614 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:178 Resp: 115769
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.9 15.3 22.9

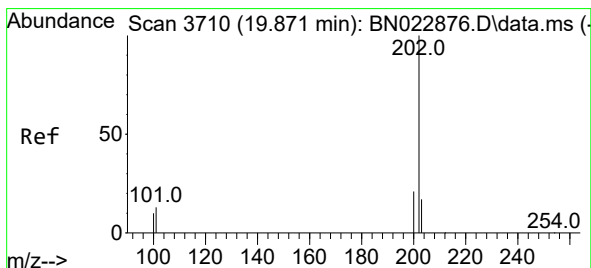
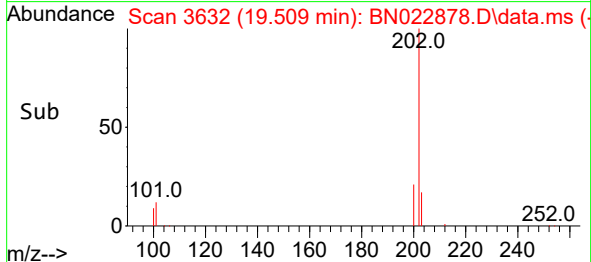
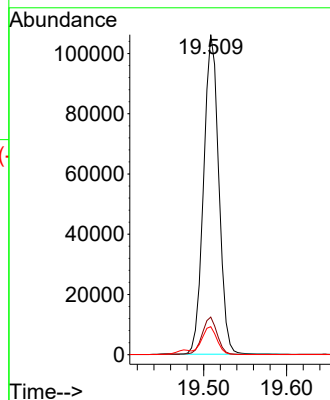
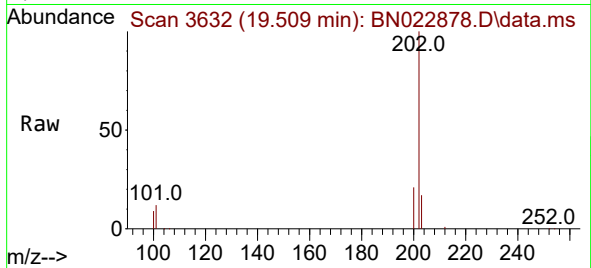




#19
Fluoranthene
Concen: 1.557 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

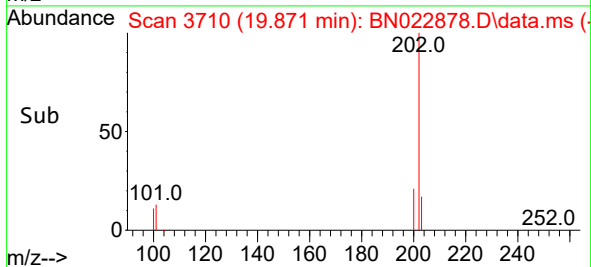
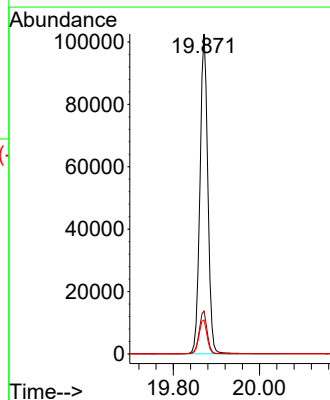
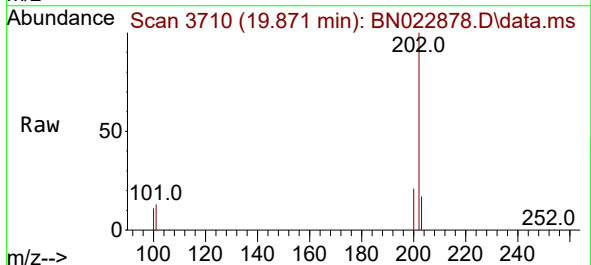
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

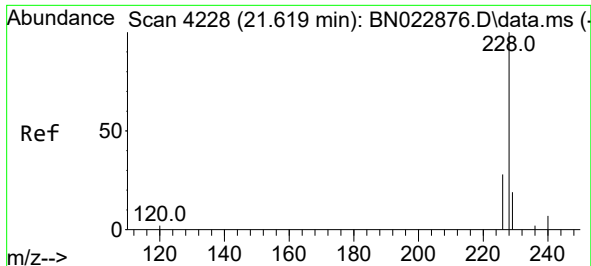
Tgt Ion:202 Resp: 135301
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 8.8 6.9 10.3



#20
Pyrene
Concen: 1.519 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

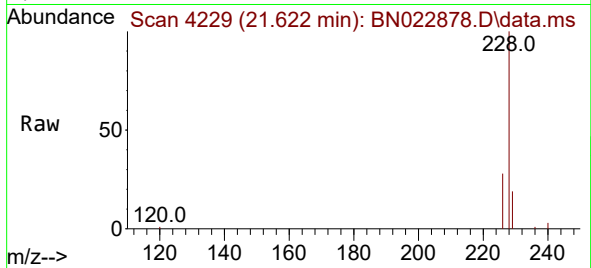
Tgt Ion:202 Resp: 129334
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.6 8.2 12.4



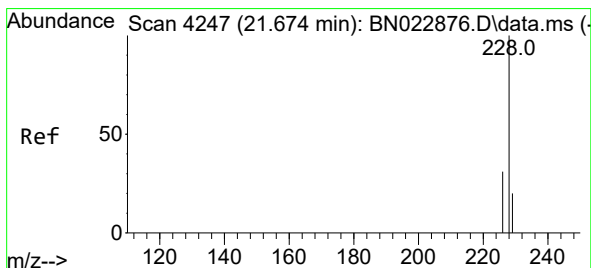
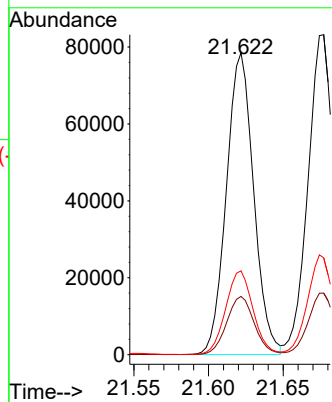
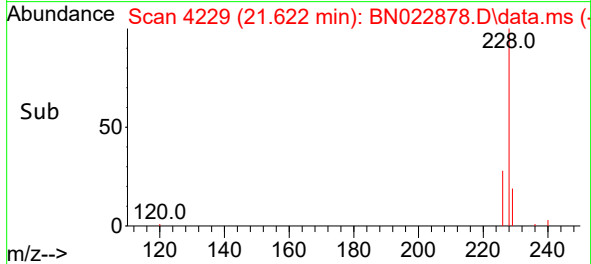


#21
Benzo(a)anthracene
Concen: 1.551 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. 0.003 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

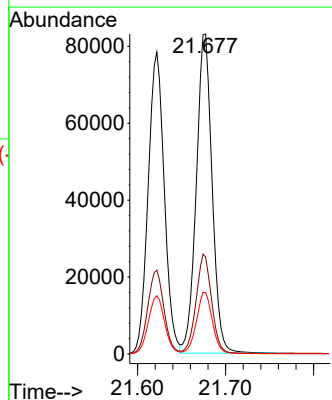
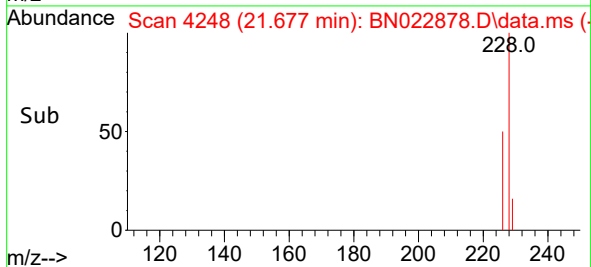
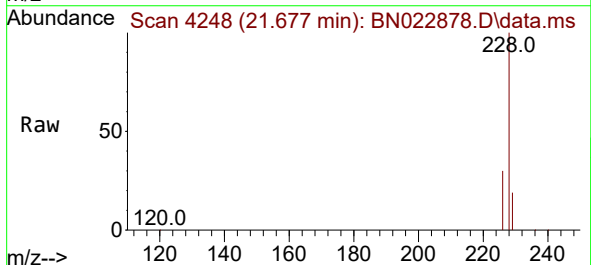


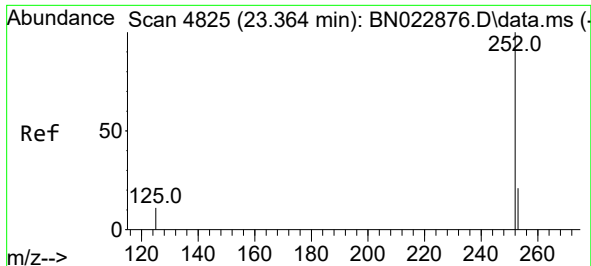
Tgt Ion:228 Resp: 99728
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.7 22.2 33.4



#22
Chrysene
Concen: 1.475 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:228 Resp: 103987
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.3 15.8 23.8

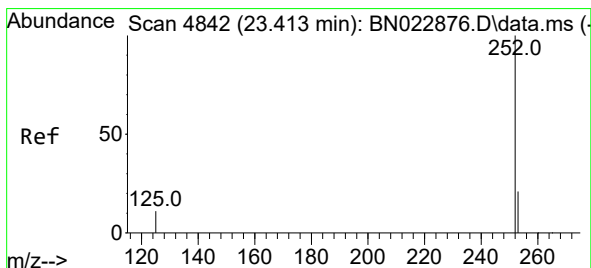
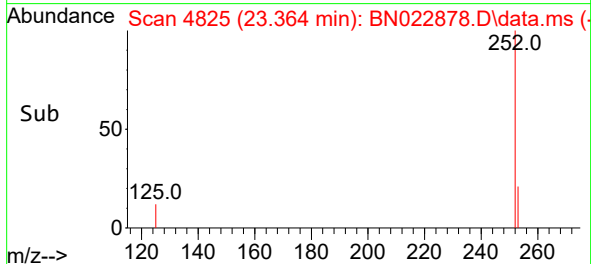
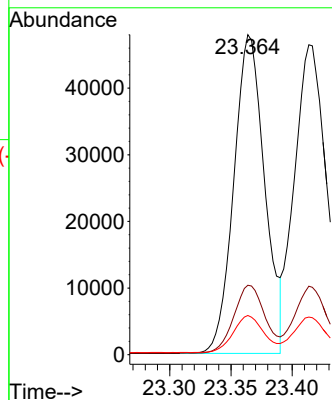
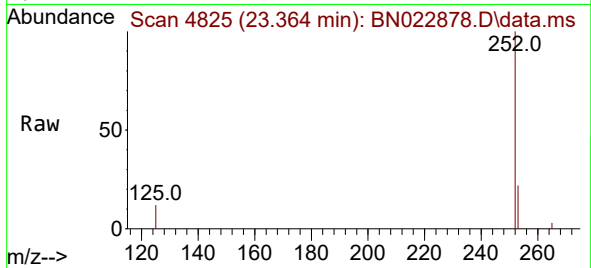




#24
Benzo(b)fluoranthene
Concen: 1.629 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

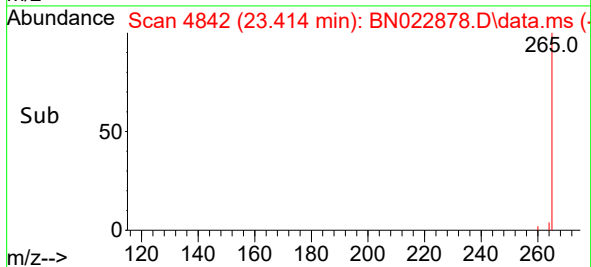
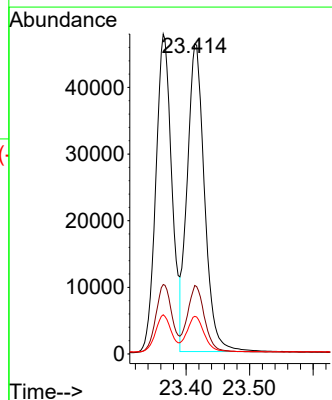
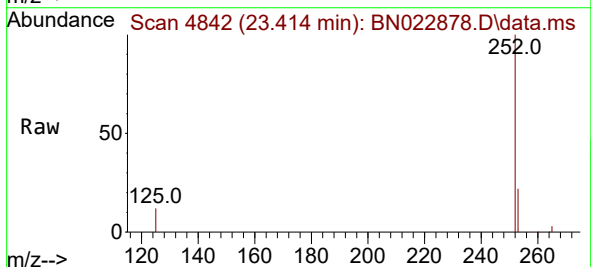
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

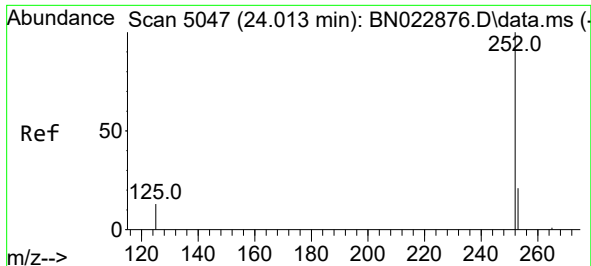
Tgt Ion:252 Resp: 83745
Ion Ratio Lower Upper
252 100
253 21.7 0.0 46.0
125 12.3 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 1.602 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:252 Resp: 87077
Ion Ratio Lower Upper
252 100
253 22.1 18.7 28.1
125 12.1 11.3 16.9

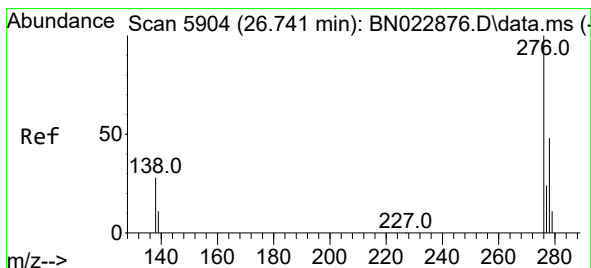
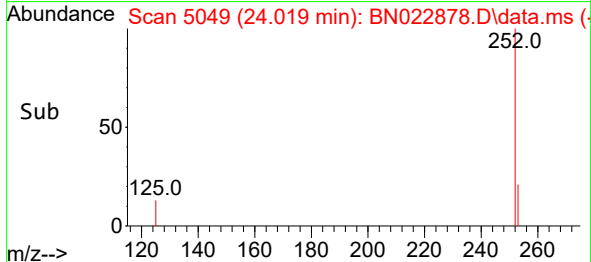
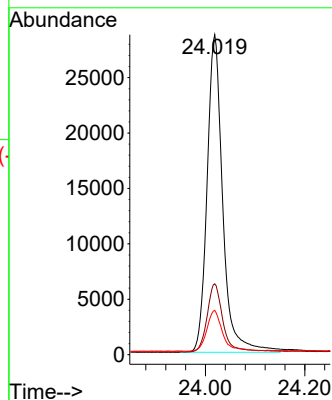
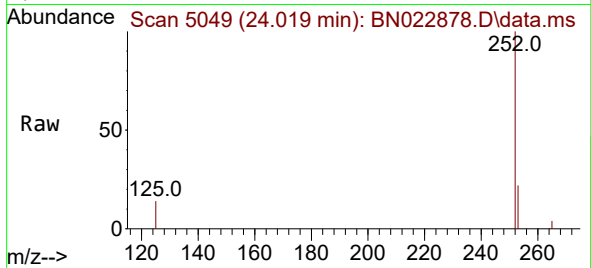




#26
Benzo(a)pyrene
Concen: 1.600 ng/ul
RT: 24.019 min Scan# 5047
Delta R.T. 0.006 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

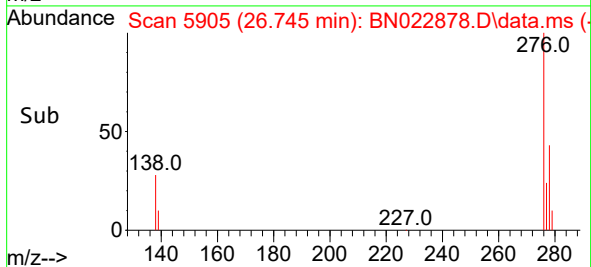
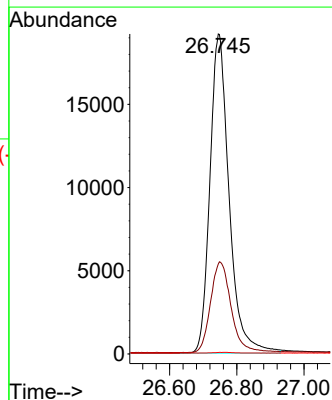
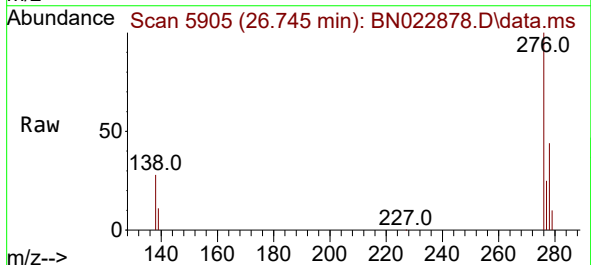
Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

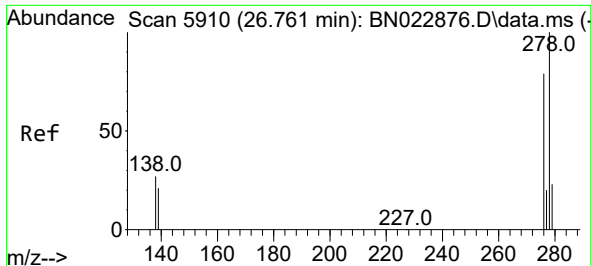
Tgt Ion:252 Resp: 62677
Ion Ratio Lower Upper
252 100
253 22.1 19.7 29.5
125 13.9 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.631 ng/ul
RT: 26.745 min Scan# 5905
Delta R.T. 0.003 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:276 Resp: 75900
Ion Ratio Lower Upper
276 100
138 30.5 0.0 0.0#
227 0.2 0.0 0.0#

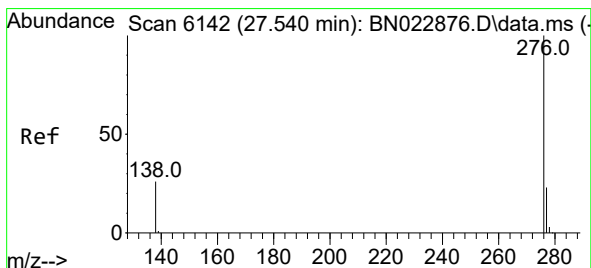
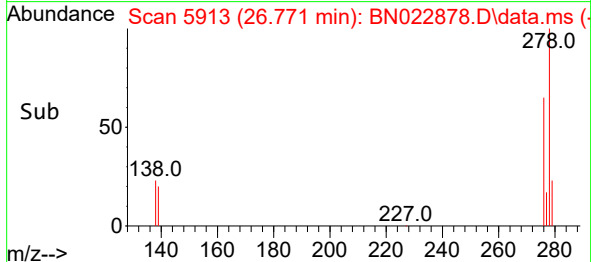
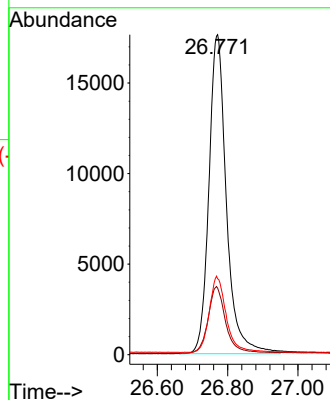
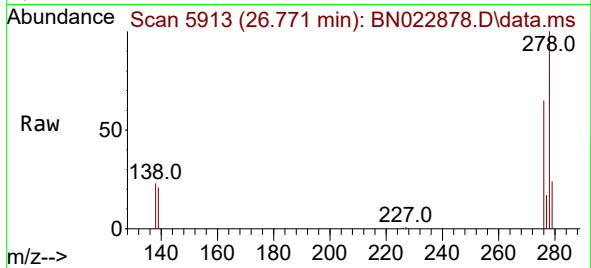




#28
Dibenzo(a,h)anthracene
Concen: 1.649 ng/ul
RT: 26.771 min Scan# 5913
Delta R.T. 0.010 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:278 Resp: 60956
Ion Ratio Lower Upper
278 100
139 20.8 18.3 27.5
279 23.7 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 1.570 ng/ul
RT: 27.543 min Scan# 6143
Delta R.T. 0.003 min
Lab File: BN022878.D
Acq: 26 Nov 2022 12:23

Tgt Ion:276 Resp: 63725
Ion Ratio Lower Upper
276 100
138 26.1 22.1 33.1
277 24.0 19.4 29.2

