

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027980.D
 Acq On : 30 Sep 2023 03:19
 Operator : MA/JU
 Sample : PB155869BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS869

Quant Time: Sep 30 03:50:27 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

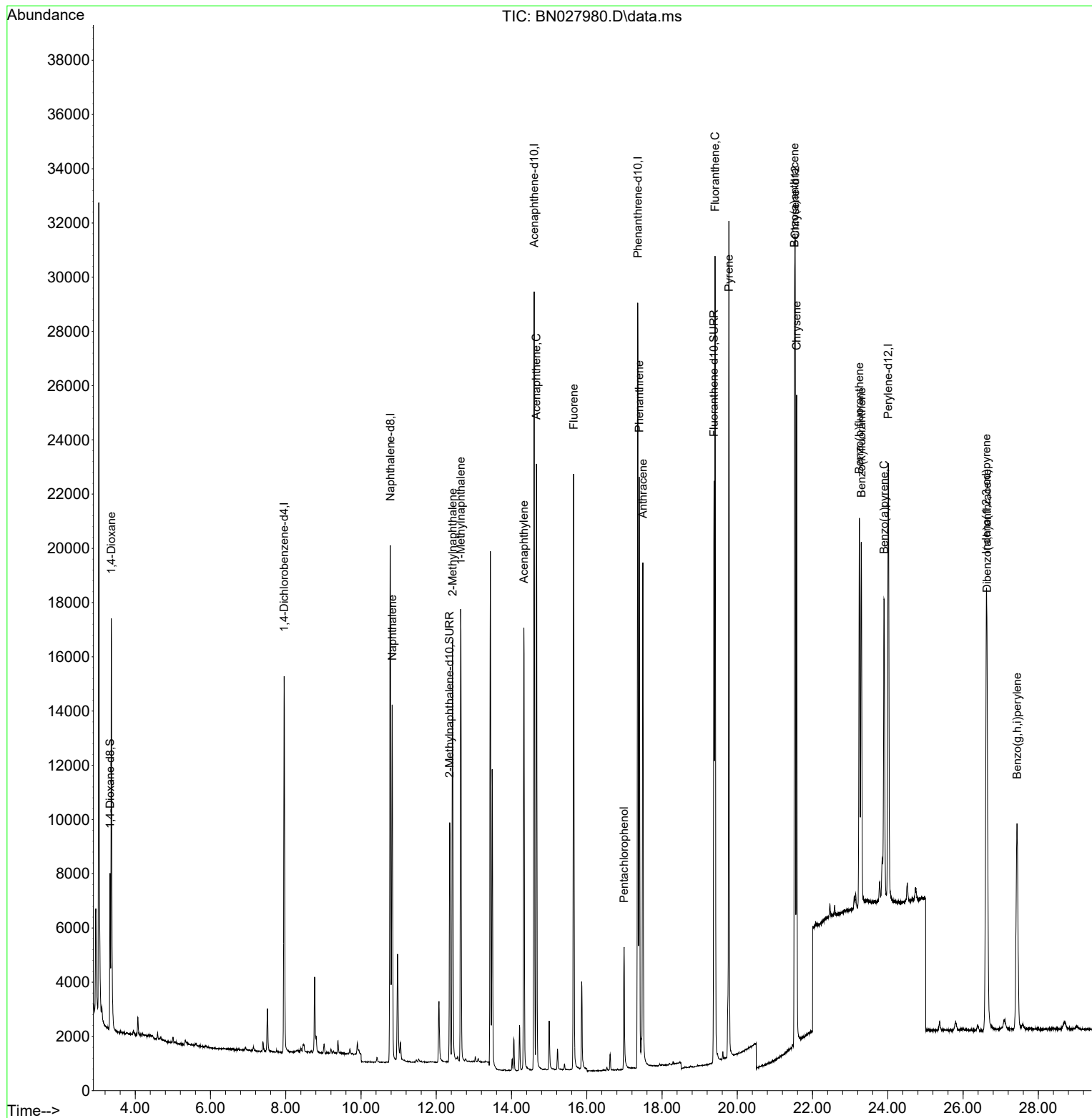
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	7242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	27092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	16022	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	33563	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	23878	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	23541	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3921	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	11838	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	23722	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	11071	1.166	ng/ul#	84
5) Naphthalene	10.828	128	18221	0.235	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	11927	0.243	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	11588	0.229	ng/ul	99
10) Acenaphthylene	14.328	152	18602	0.266	ng/ul	99
11) Acenaphthene	14.661	153	13194	0.218	ng/ul	97
12) Fluorene	15.651	166	14528	0.204	ng/ul	99
14) Pentachlorophenol	16.991	266	3330	0.424	ng/ul	99
15) Phenanthrene	17.396	178	22713	0.215	ng/ul	99
16) Anthracene	17.489	178	21351	0.242	ng/ul	99
19) Fluoranthene	19.408	202	25060	0.260	ng/ul	97
20) Pyrene	19.775	202	25478	0.256	ng/ul	99
21) Benzo(a)anthracene	21.521	228	21432	0.232	ng/ul	99
22) Chrysene	21.577	228	20169	0.211	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	19093	0.182	ng/ul	91
25) Benzo(k)fluoranthene	23.296	252	19680	0.193	ng/ul#	89
26) Benzo(a)pyrene	23.898	252	17916	0.212	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.619	276	22140	0.205	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.636	278	18182	0.209	ng/ul	95
29) Benzo(g,h,i)perylene	27.434	276	18147	0.198	ng/ul	96

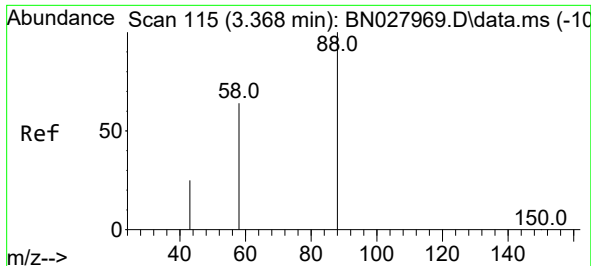
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027980.D
Acq On : 30 Sep 2023 03:19
Operator : MA/JU
Sample : PB155869BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS869

Quant Time: Sep 30 03:50:27 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

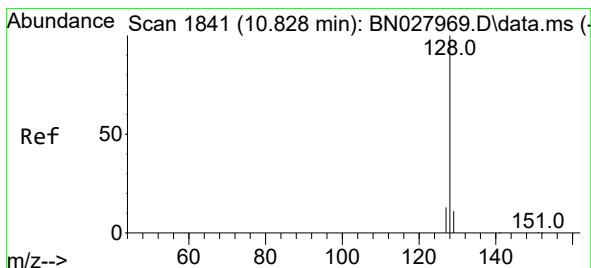
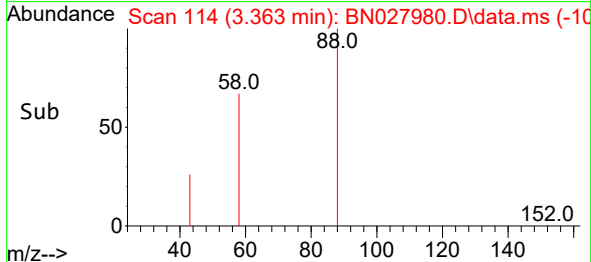
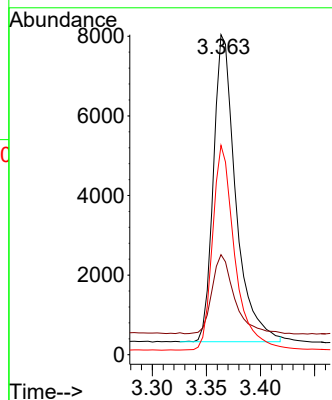
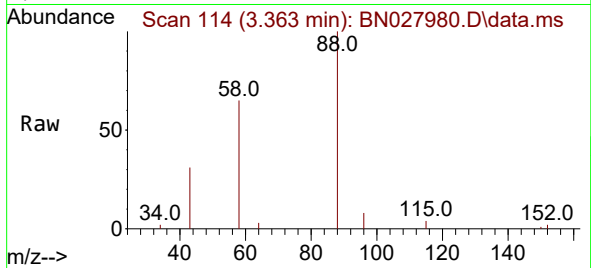




#2
1,4-Dioxane
Concen: 1.166 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

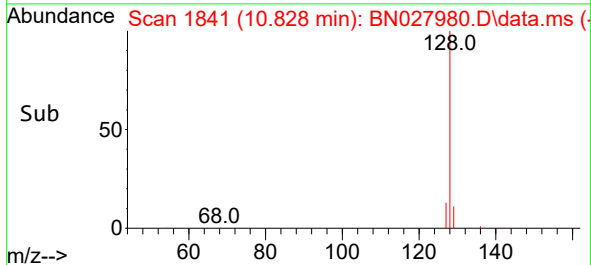
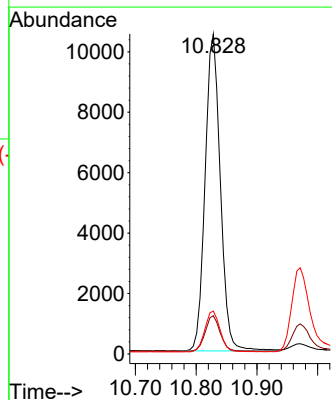
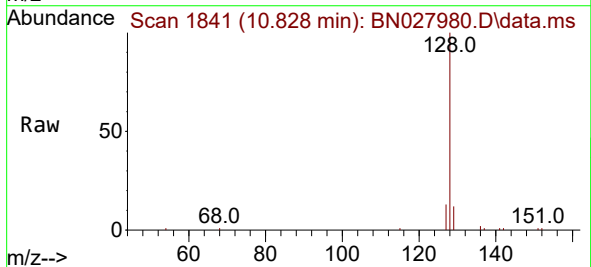
Instrument :
BNA_N
ClientSampleId :
SLCS869

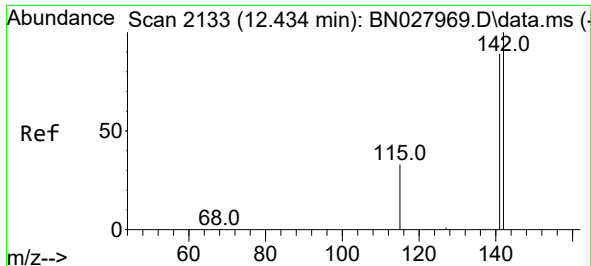
Tgt Ion: 88 Resp: 11071
Ion Ratio Lower Upper
88 100
43 31.3 39.6 59.4#
58 65.4 48.3 72.5



#5
Naphthalene
Concen: 0.235 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:128 Resp: 18221
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.4 10.7 16.1

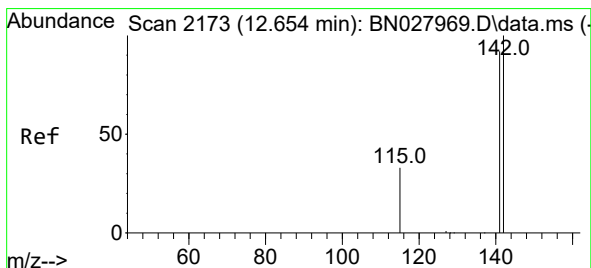
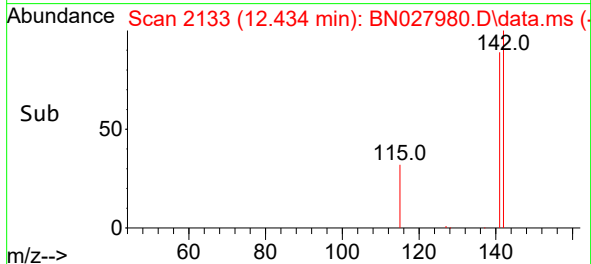
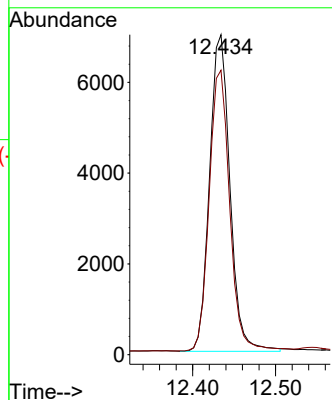
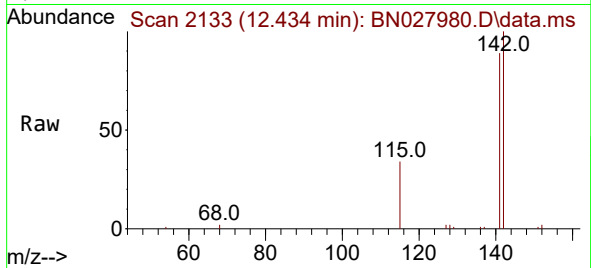




#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

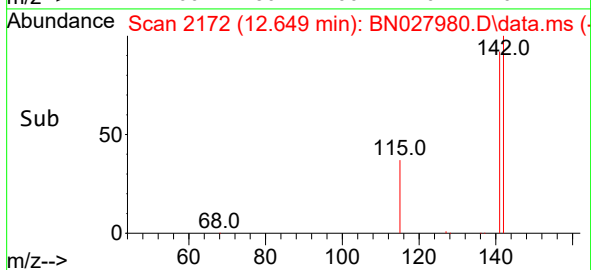
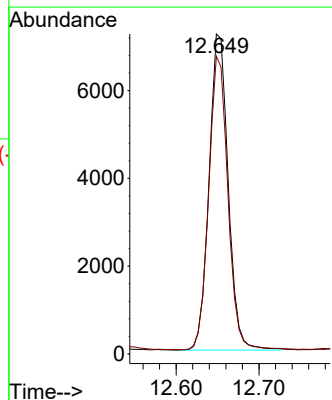
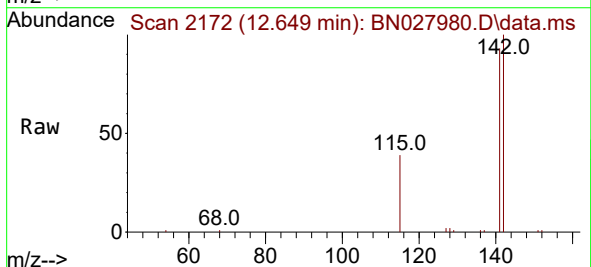
Instrument :
BNA_N
ClientSampleId :
SLCS869

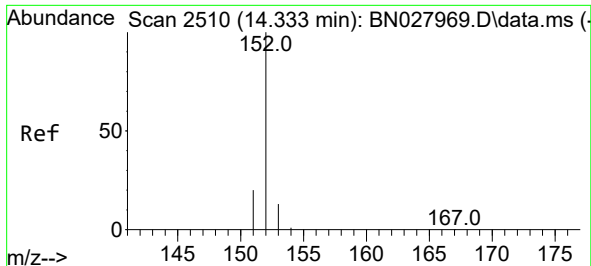
Tgt Ion:142 Resp: 11927
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:142 Resp: 11588
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2

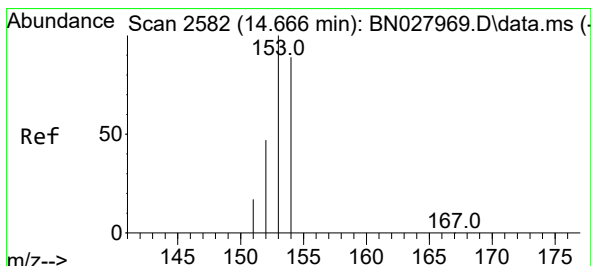
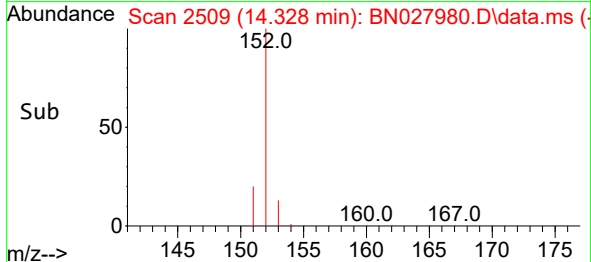
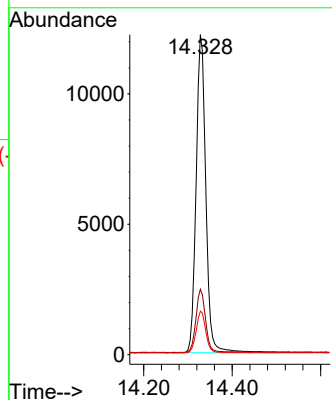
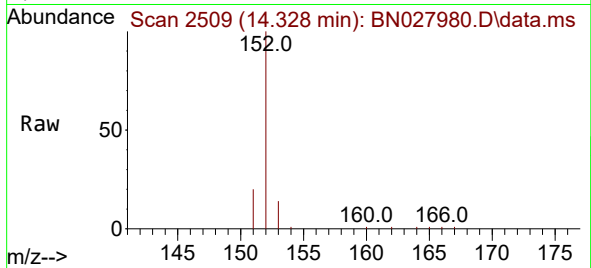




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

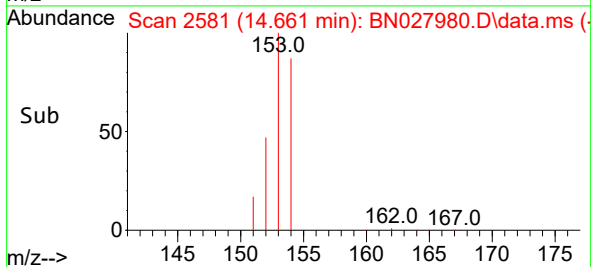
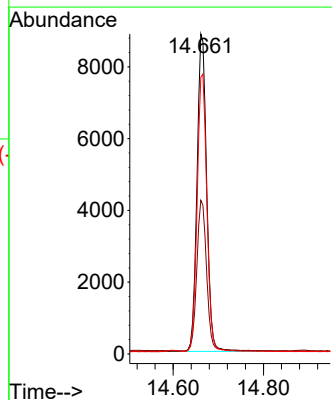
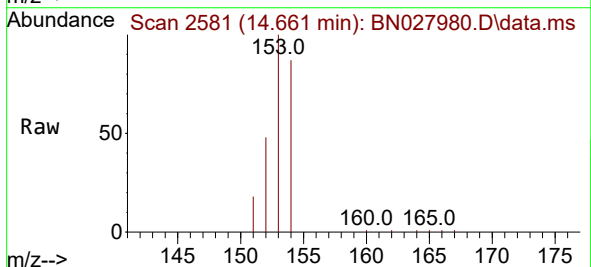
Instrument :
BNA_N
ClientSampleId :
SLCS869

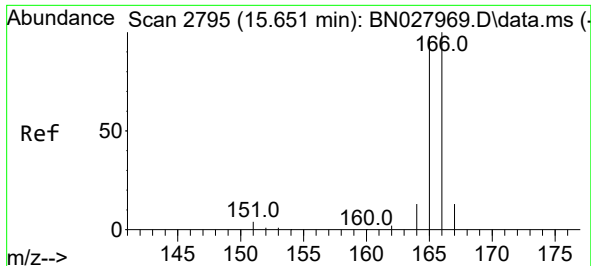
Tgt Ion:152 Resp: 18602
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.6 11.0 16.6



#11
Acenaphthene
Concen: 0.218 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:153 Resp: 13194
Ion Ratio Lower Upper
153 100
152 48.0 41.7 62.5
154 86.5 70.3 105.5

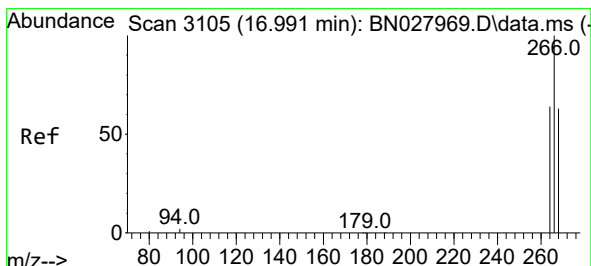
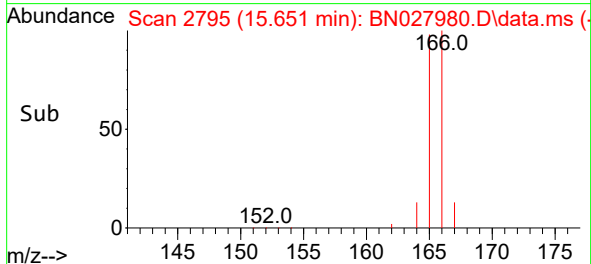
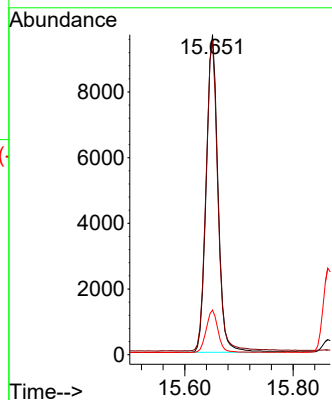
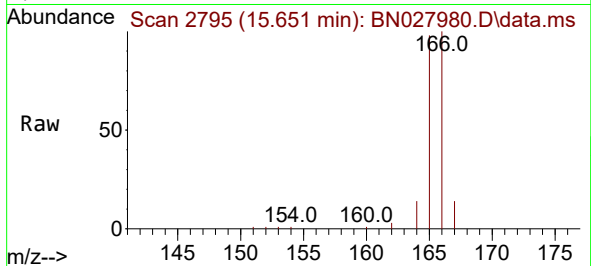




#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

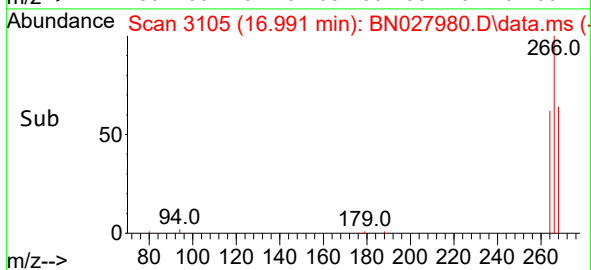
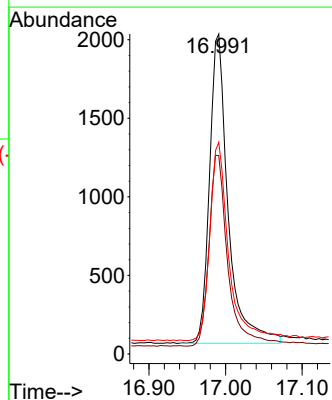
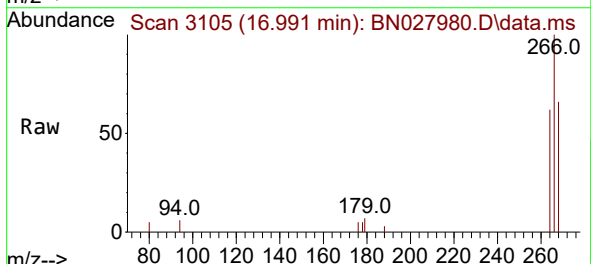
Instrument :
BNA_N
ClientSampleId :
SLCS869

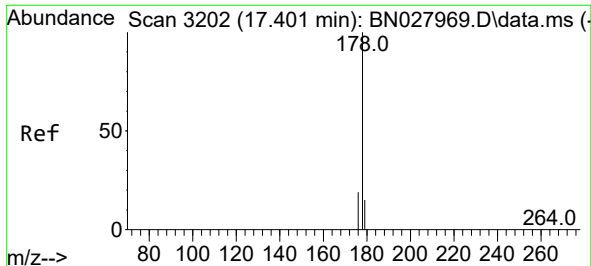
Tgt Ion:166 Resp: 14528
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 14.0 11.4 17.2



#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 16.991 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:266 Resp: 3330
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 64.8 50.7 76.1

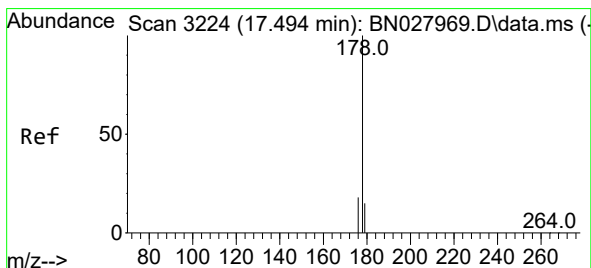
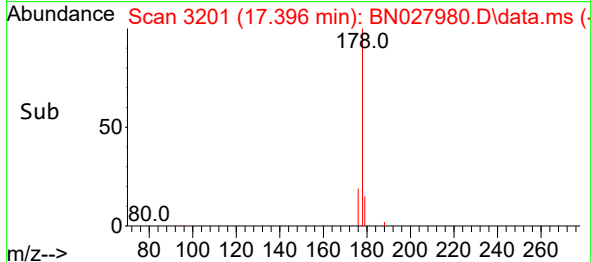
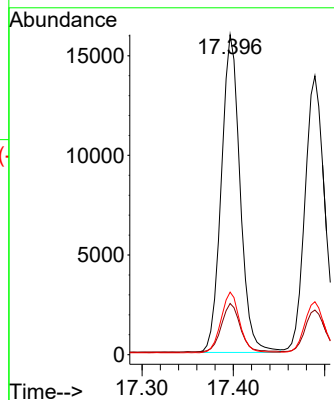
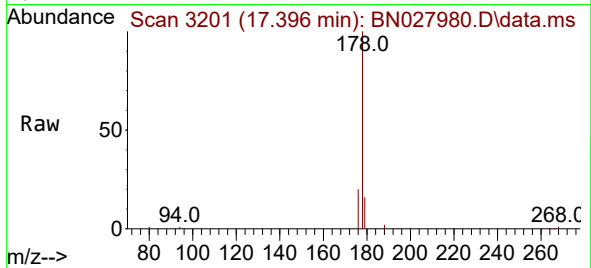




#15
Phenanthrene
Concen: 0.215 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

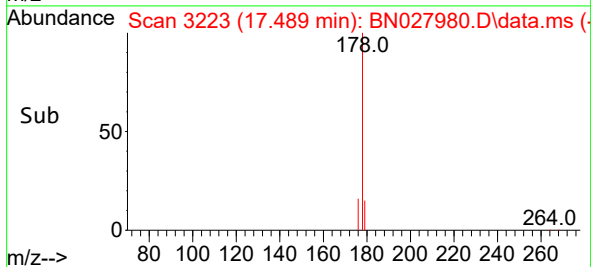
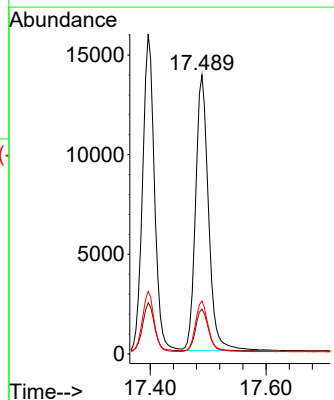
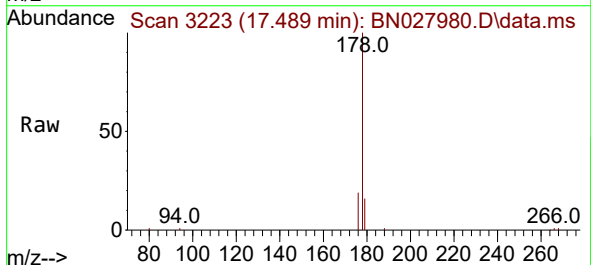
Instrument :
BNA_N
ClientSampleId :
SLCS869

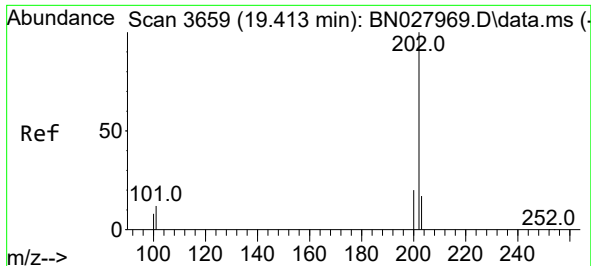
Tgt Ion:178 Resp: 22713
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:178 Resp: 21351
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.0 15.5 23.3

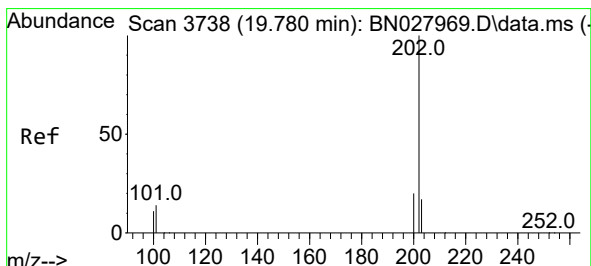
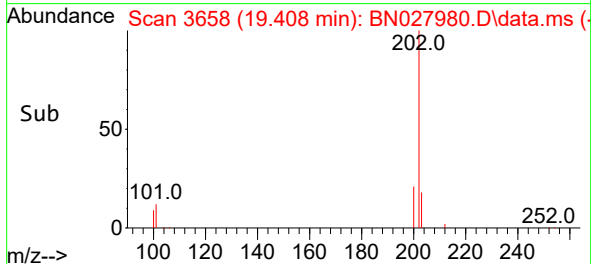
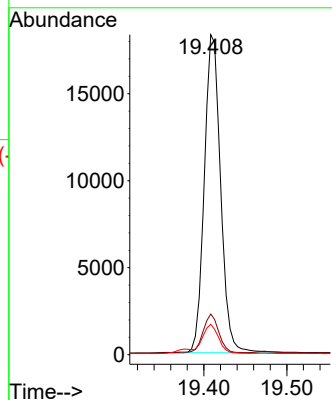
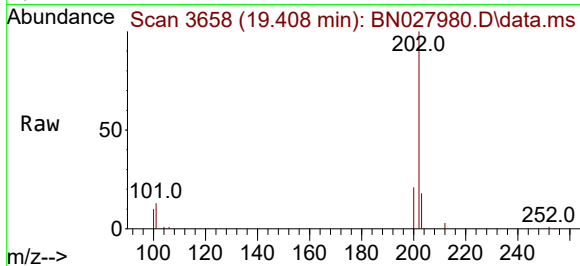




#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

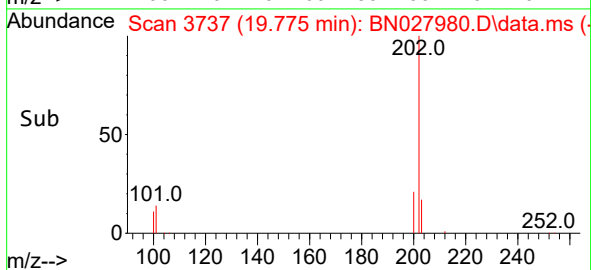
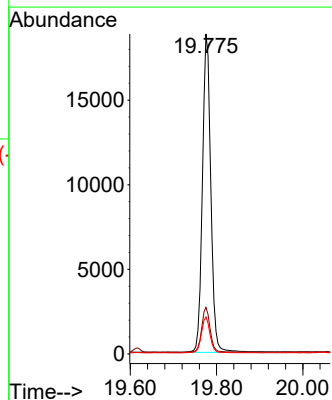
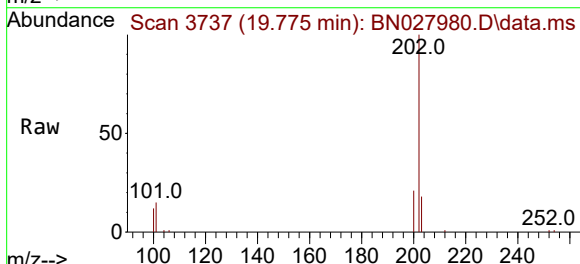
Instrument :
BNA_N
ClientSampleId :
SLCS869

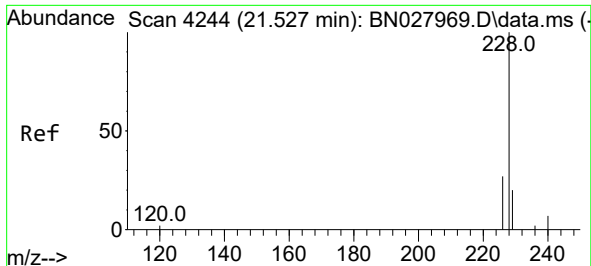
Tgt Ion:202 Resp: 25060
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 9.5 7.0 10.4



#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:202 Resp: 25478
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.6 9.1 13.7

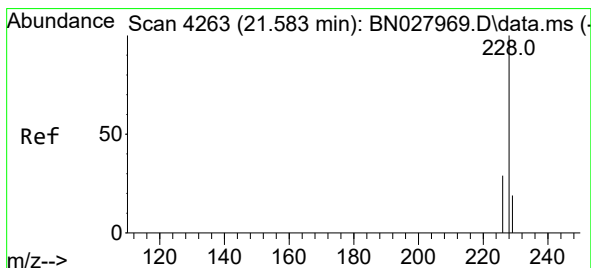
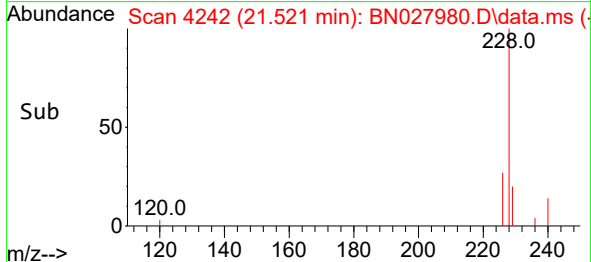
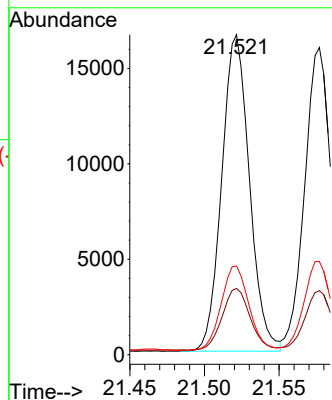
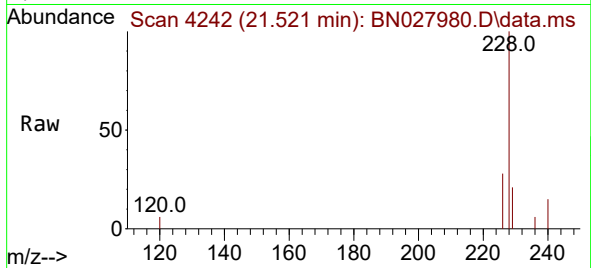




#21
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.521 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

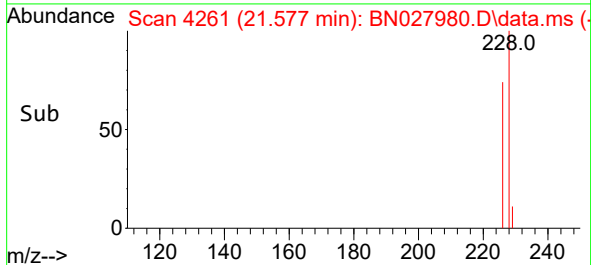
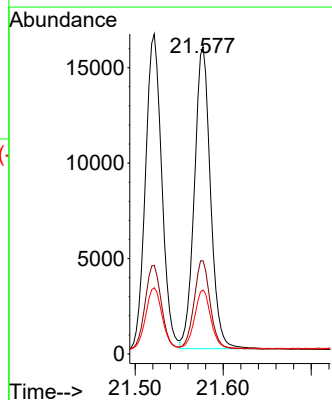
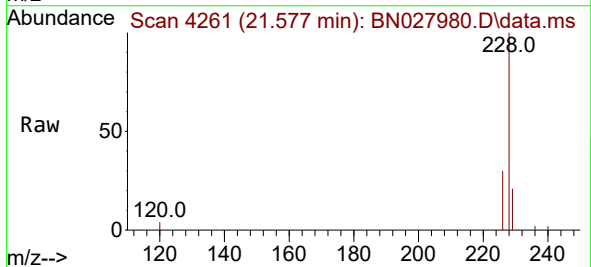
Instrument :
BNA_N
ClientSampleId :
SLCS869

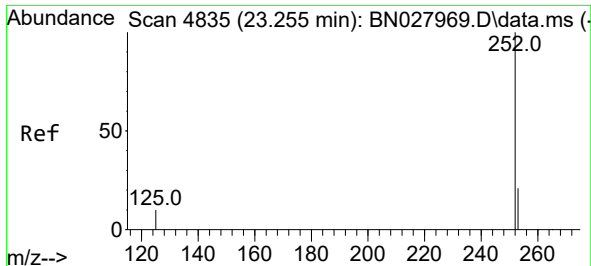
Tgt Ion:228 Resp: 21432
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

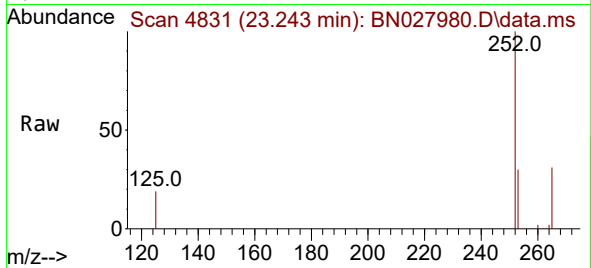
Tgt Ion:228 Resp: 20169
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 20.8 16.0 24.0



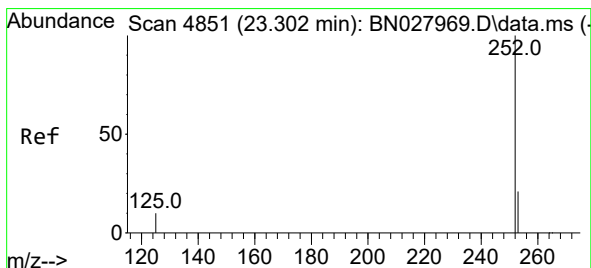
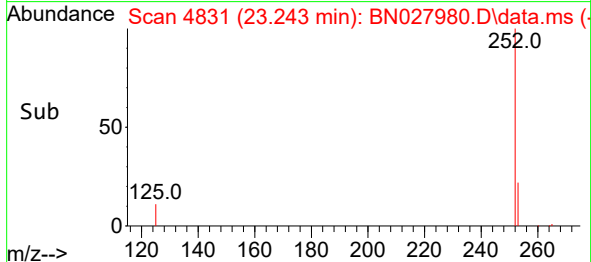
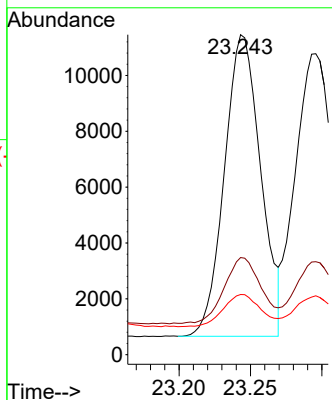


#24
Benzo(b)fluoranthene
Concen: 0.182 ng/ul
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Instrument :
BNA_N
ClientSampleId :
SLCS869

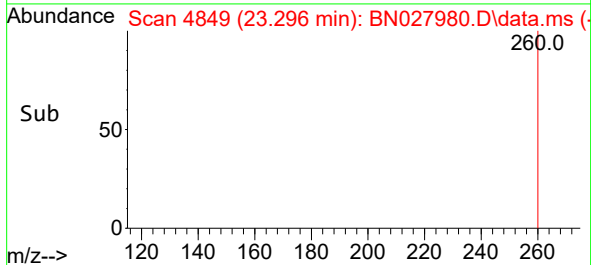
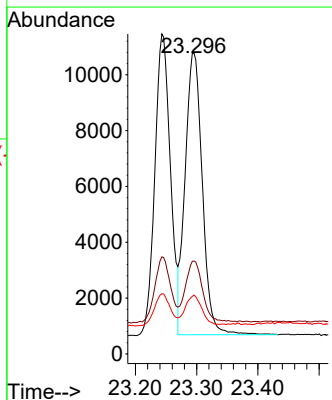
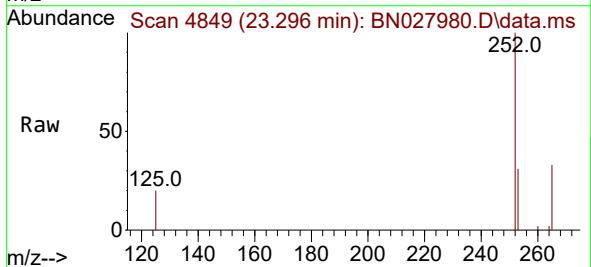


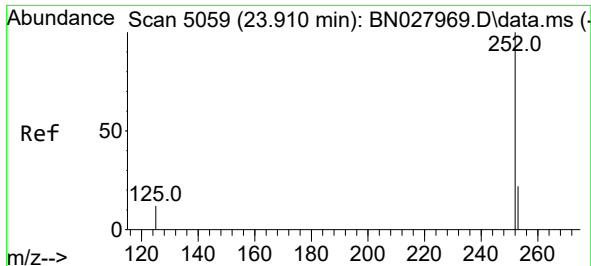
Tgt Ion:252 Resp: 19093
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 18.8 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.193 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:252 Resp: 19680
Ion Ratio Lower Upper
252 100
253 30.9 19.9 29.9#
125 19.6 12.6 19.0#

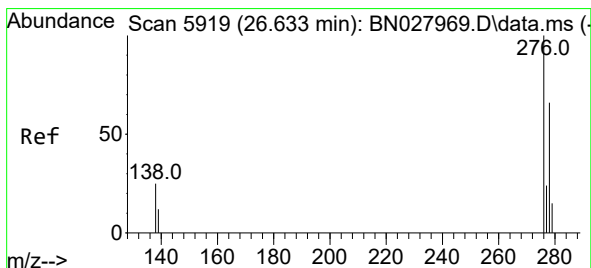
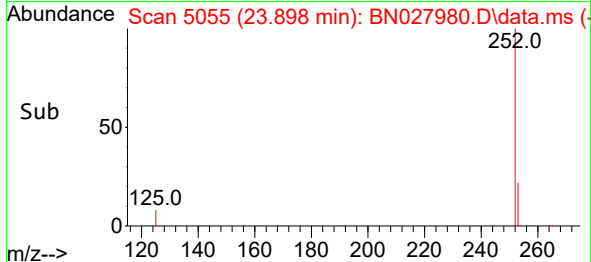
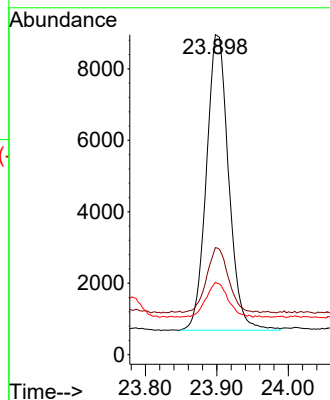
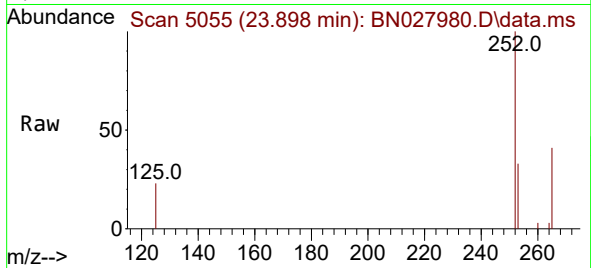




#26
Benzo(a)pyrene
Concen: 0.212 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

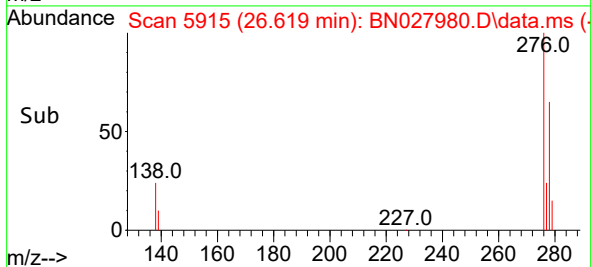
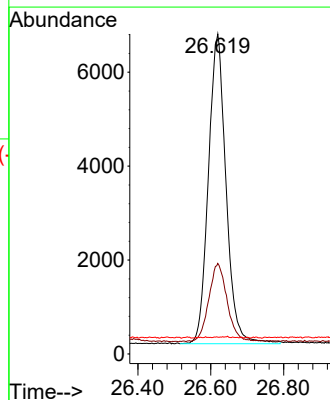
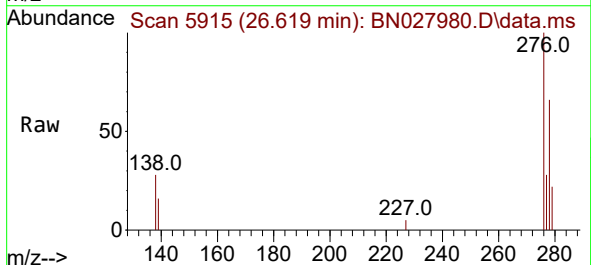
Instrument :
BNA_N
ClientSampleId :
SLCS869

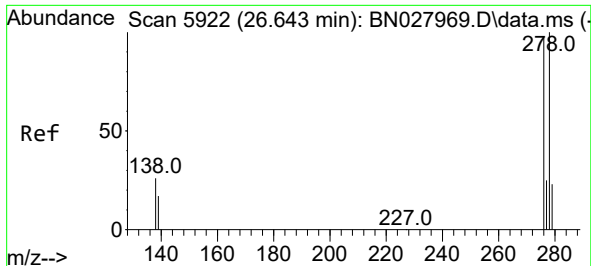
Tgt Ion:252 Resp: 17916
Ion Ratio Lower Upper
252 100
253 33.5 21.9 32.9#
125 22.6 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 26.619 min Scan# 5915
Delta R.T. 0.020 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:276 Resp: 22140
Ion Ratio Lower Upper
276 100
138 26.0 24.3 36.5
227 0.1 0.0 0.0#

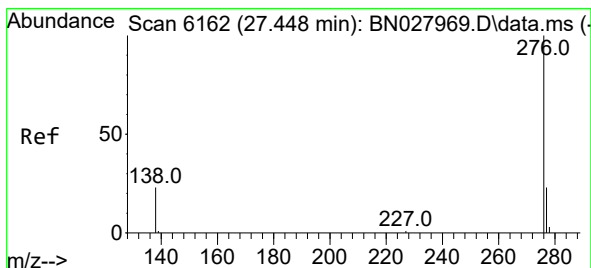
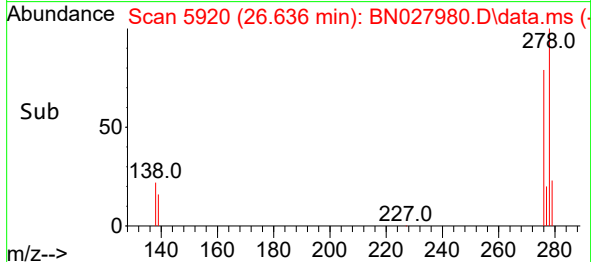
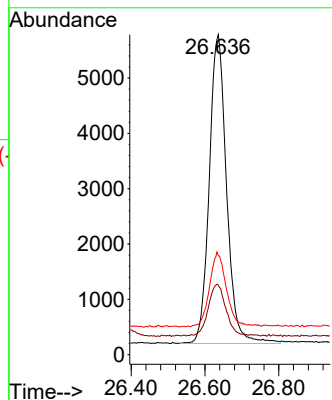
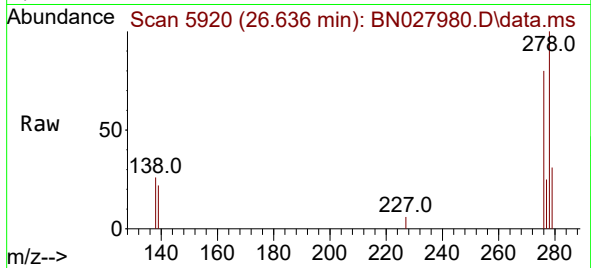




#28
Dibenzo(a,h)anthracene
Concen: 0.209 ng/ul
RT: 26.636 min Scan# 5922
Delta R.T. 0.013 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Instrument :
BNA_N
ClientSampleId :
SLCS869

Tgt Ion:278 Resp: 18182
Ion Ratio Lower Upper
278 100
139 21.8 17.2 25.8
279 30.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 27.434 min Scan# 6158
Delta R.T. 0.023 min
Lab File: BN027980.D
Acq: 30 Sep 2023 03:19

Tgt Ion:276 Resp: 18147
Ion Ratio Lower Upper
276 100
138 26.8 21.7 32.5
277 28.8 20.2 30.2

