

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022248.D
 Acq On : 21 Oct 2022 11:19
 Operator : CG/JU
 Sample : N5015-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE1

Quant Time: Oct 21 22:38:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

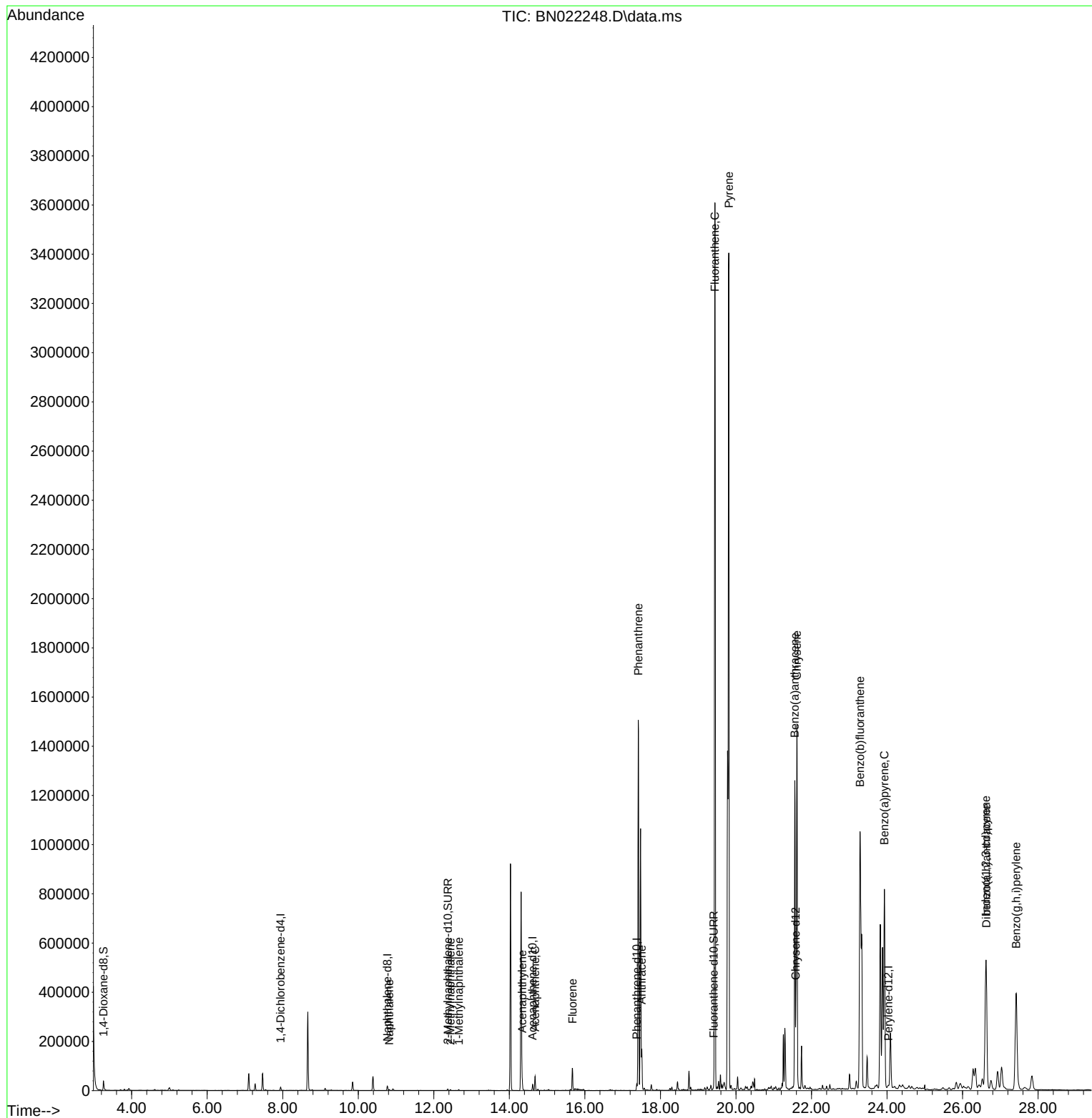
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	6752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	23464	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.617	164	13268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	28012	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	18501	0.400	ng/ul	0.00
23) Perylene-d12	24.036	264	17079	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	27739	3.161	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	7771	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	16453	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.821	128	5427	0.078	ng/ul	97
7) 2-Methylnaphthalene	12.443	142	2302	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	2526	0.056	ng/ul	100
10) Acenaphthylene	14.340	152	48019	0.806	ng/ul	100
11) Acenaphthene	14.682	153	32309	0.643	ng/ul	99
12) Fluorene	15.672	166	56139	0.962	ng/ul	98
15) Phenanthrene	17.415	178	1644580	17.487	ng/ul	99
16) Anthracene	17.508	178	169619	2.141	ng/ul	100
19) Fluoranthene	19.443	202	3340326	39.418	ng/ul	96
20) Pyrene	19.810	202	2846502	33.436	ng/ul	96
21) Benzo(a)anthracene	21.557	228	1179770	17.019	ng/ul	97
22) Chrysene	21.613	228	1565408	21.306	ng/ul	97
24) Benzo(b)fluoranthene	23.285	252	2688103	31.342	ng/ul	96
26) Benzo(a)pyrene	23.931	252	1167921	17.081	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.620	276	944796	11.116	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.631	278	200946	2.959	ng/ul	95
29) Benzo(g,h,i)perylene	27.419	276	862878	12.461	ng/ul	98

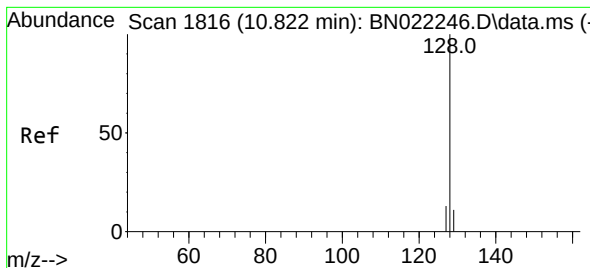
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.078 ng/ul

RT: 10.821 min Scan# 1816

Delta R.T. -0.011 min

Lab File: BN022248.D

Acq: 21 Oct 2022 11:19

Instrument :

BNA_N

ClientSampleId :

C1BE1

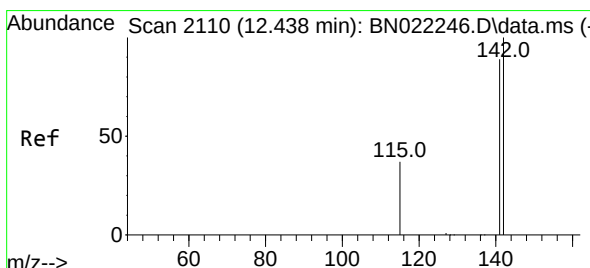
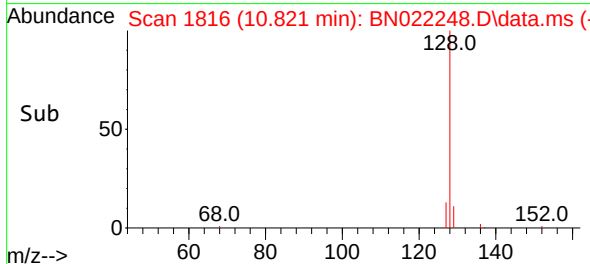
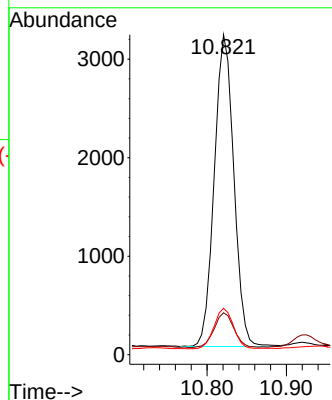
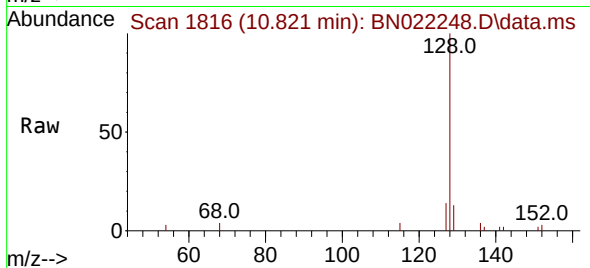
Tgt Ion:128 Resp: 5427

Ion Ratio Lower Upper

128 100

129 13.1 9.3 13.9

127 14.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.443 min Scan# 2111

Delta R.T. -0.005 min

Lab File: BN022248.D

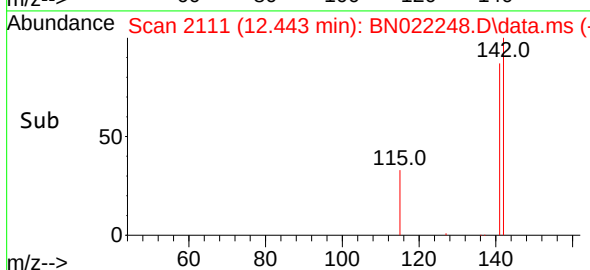
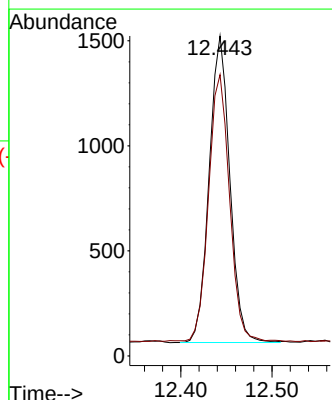
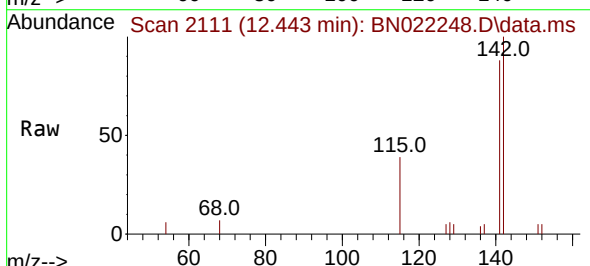
Acq: 21 Oct 2022 11:19

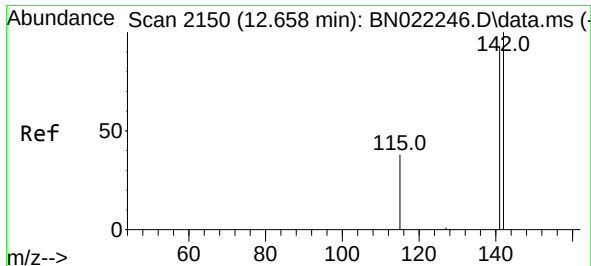
Tgt Ion:142 Resp: 2302

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7

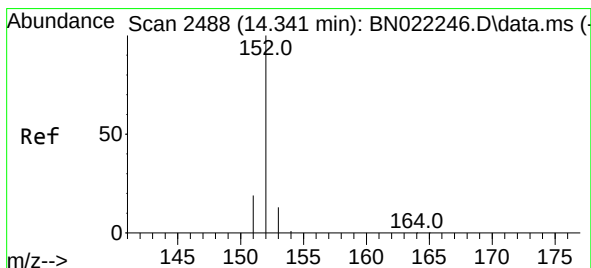
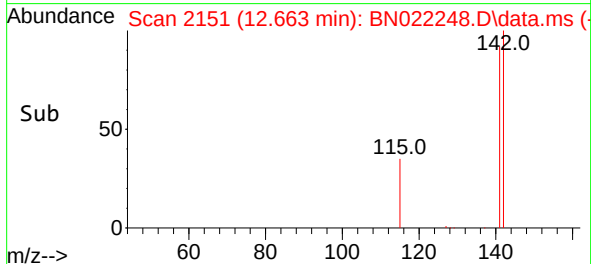
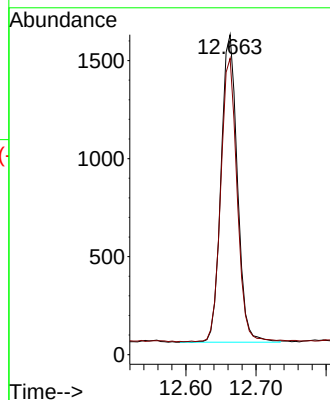
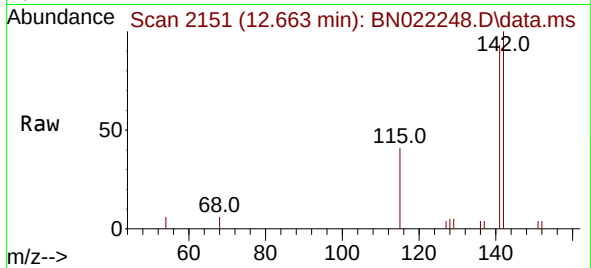




#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

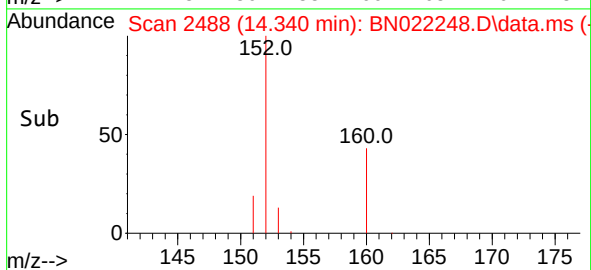
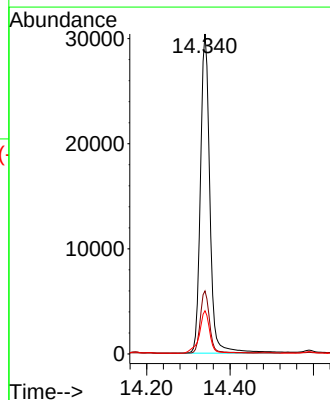
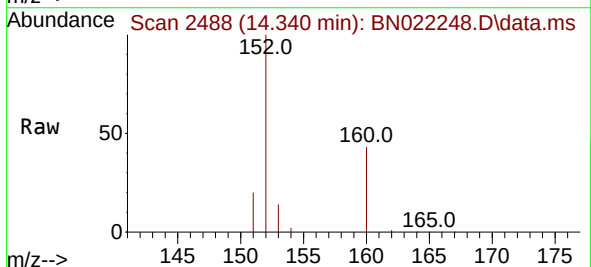
Instrument :
BNA_N
ClientSampleId :
C1BE1

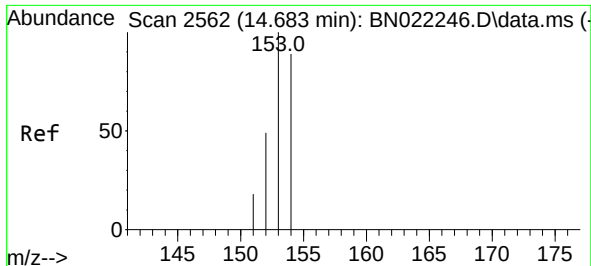
Tgt Ion:142 Resp: 2526
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9



#10
Acenaphthylene
Concen: 0.806 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:152 Resp: 48019
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.8 16.2

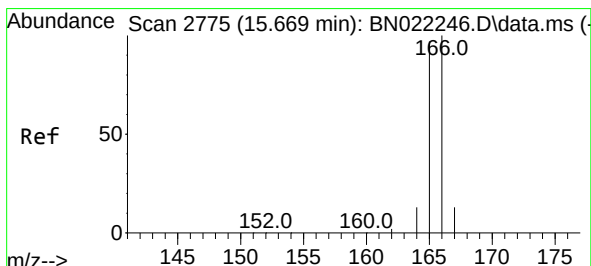
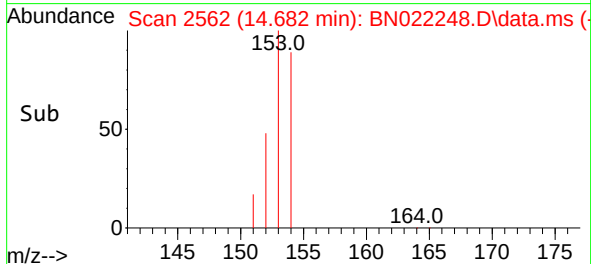
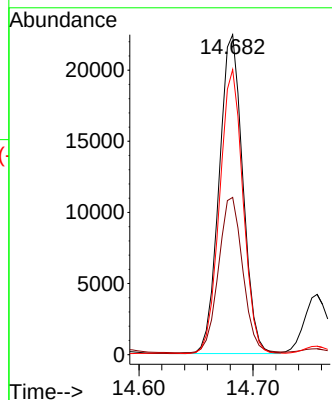
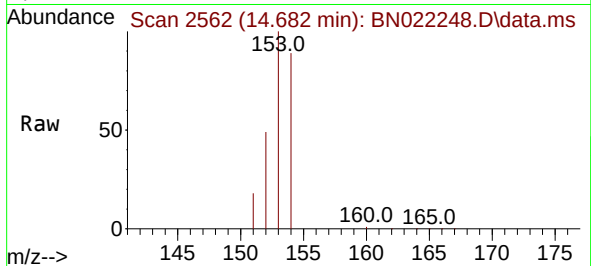




#11
Acenaphthene
Concen: 0.643 ng/ul
RT: 14.682 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

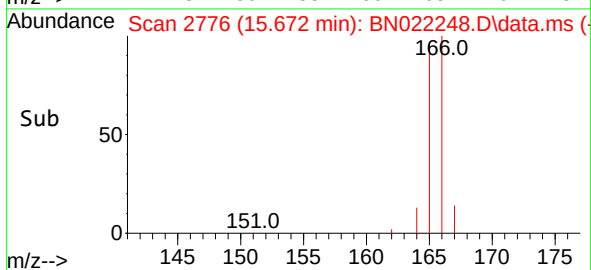
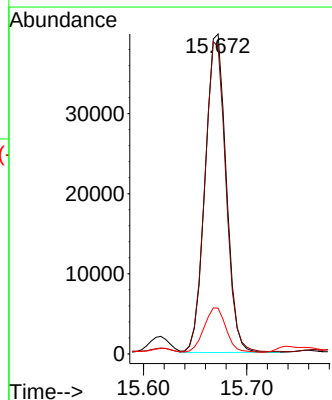
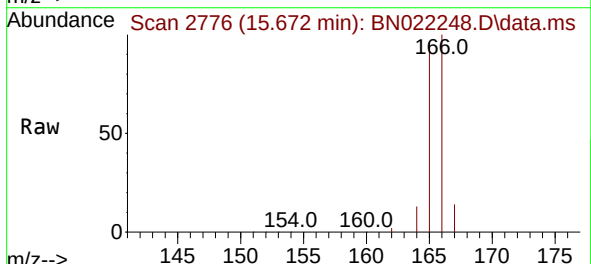
Instrument :
BNA_N
ClientSampleId :
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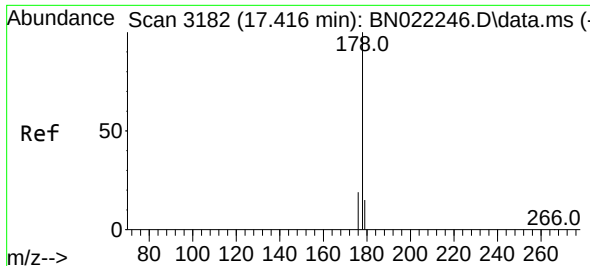
Tgt Ion:153 Resp: 32309
Ion Ratio Lower Upper
153 100
152 49.1 40.6 61.0
154 89.1 70.6 106.0



#12
Fluorene
Concen: 0.962 ng/ul
RT: 15.672 min Scan# 2776
Delta R.T. -0.005 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:166 Resp: 56139
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 14.3 11.0 16.4

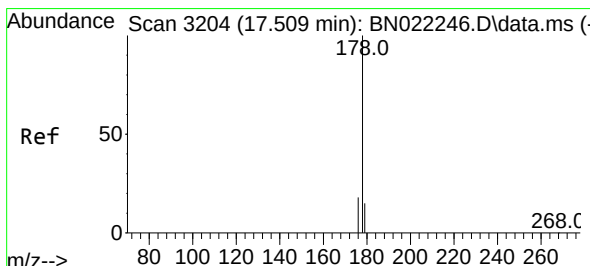
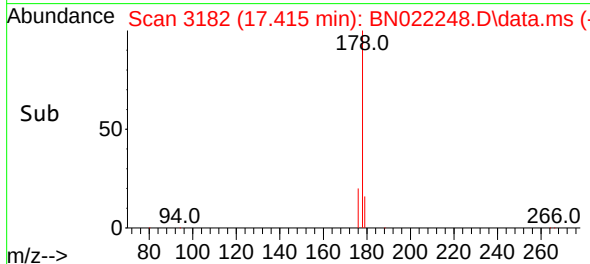
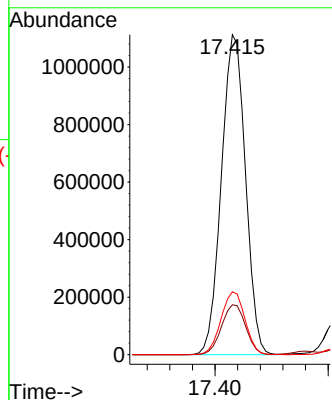
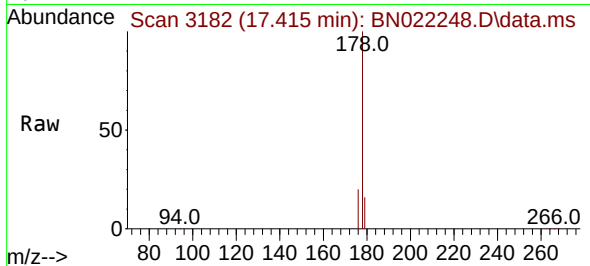




#15
Phenanthrene
Concen: 17.487 ng/ul
RT: 17.415 min Scan# 3182
Delta R.T. -0.008 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

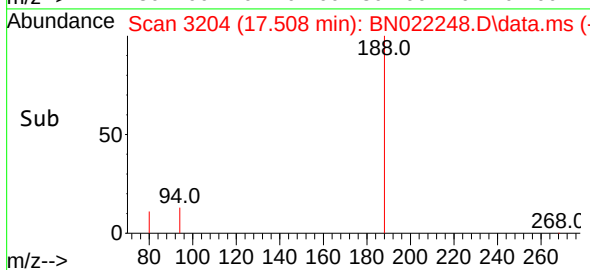
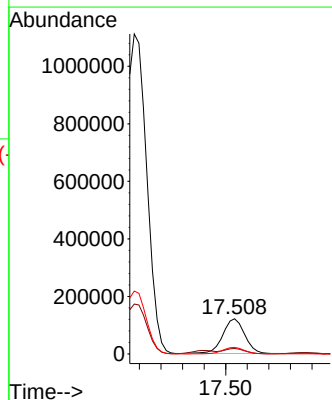
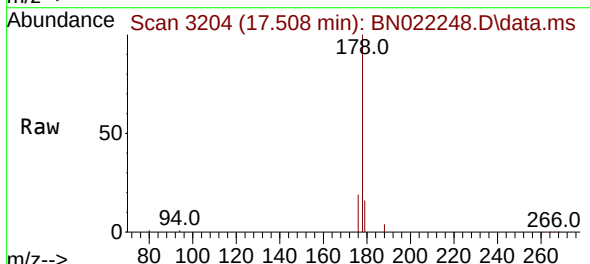
Instrument :
BNA_N
ClientSampleId :
C1BE1

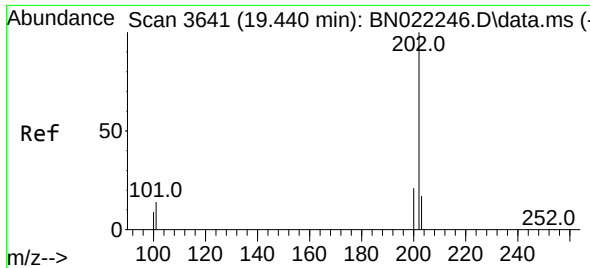
Tgt Ion:178 Resp: 1644580
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.7 15.4 23.2



#16
Anthracene
Concen: 2.141 ng/ul
RT: 17.508 min Scan# 3204
Delta R.T. -0.008 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:178 Resp: 169619
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.7 15.0 22.6

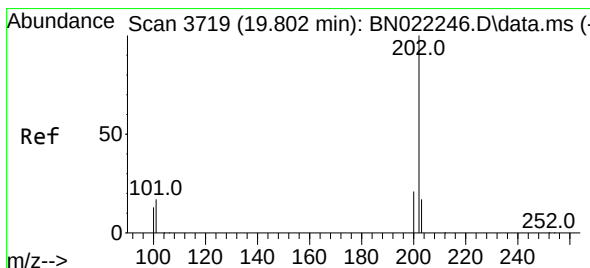
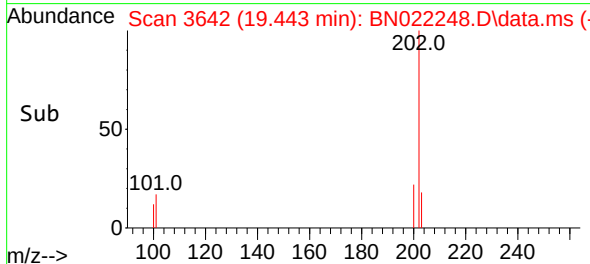
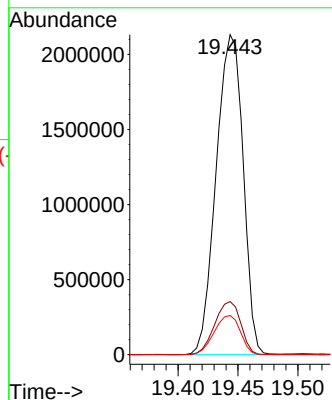
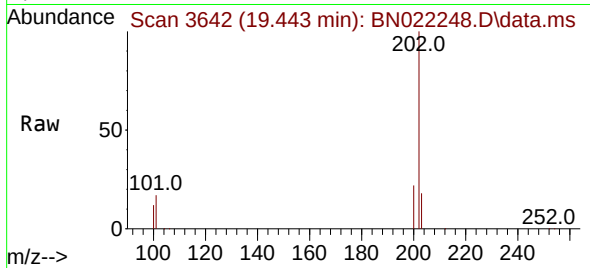




#19
Fluoranthene
Concen: 39.418 ng/ul
RT: 19.443 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

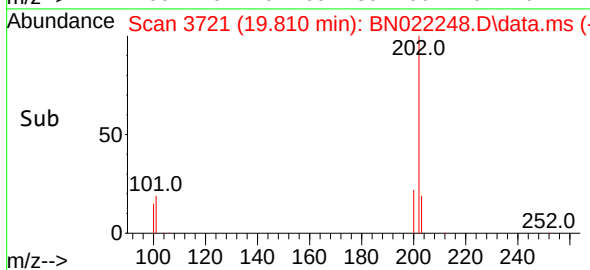
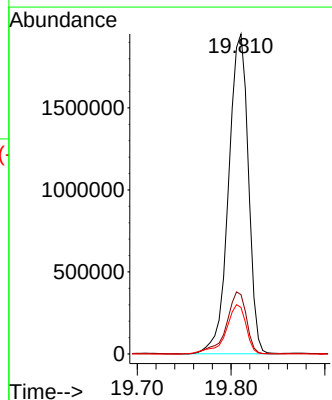
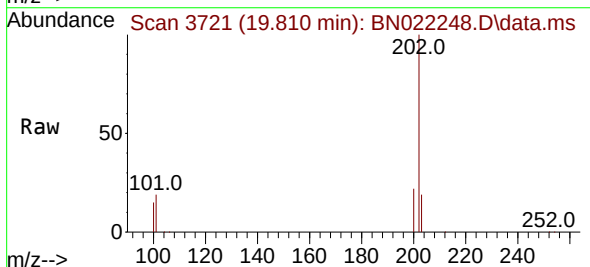
Instrument :
BNA_N
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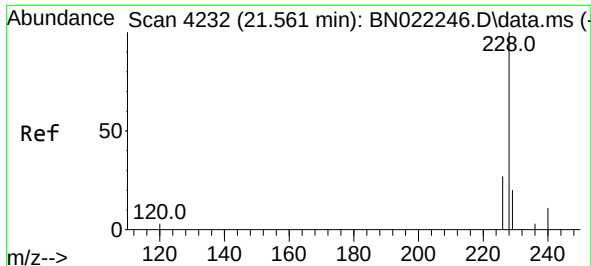
Tgt Ion:202 Resp: 3340326
Ion Ratio Lower Upper
202 100
101 16.6 11.8 17.6
100 12.2 8.7 13.1



#20
Pyrene
Concen: 33.436 ng/ul
RT: 19.810 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:202 Resp: 2846502
Ion Ratio Lower Upper
202 100
101 18.6 13.1 19.7
100 14.6 10.6 16.0

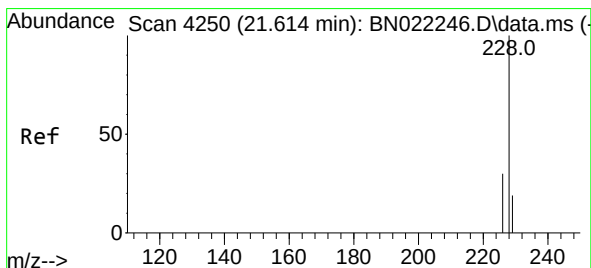
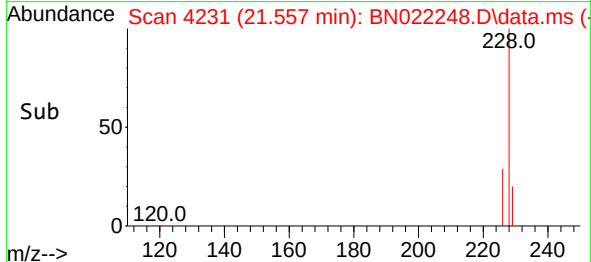
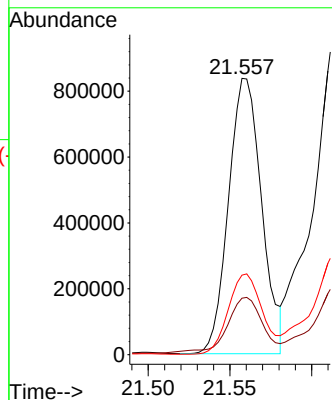
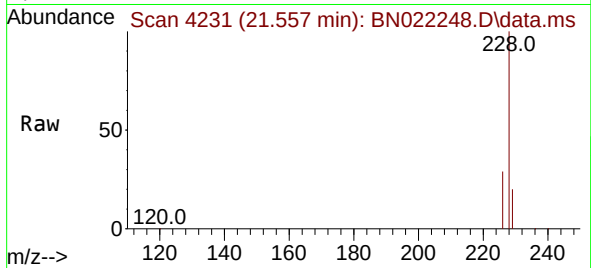




#21
Benzo(a)anthracene
Concen: 17.019 ng/ul
RT: 21.557 min Scan# 4231
Delta R.T. -0.010 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

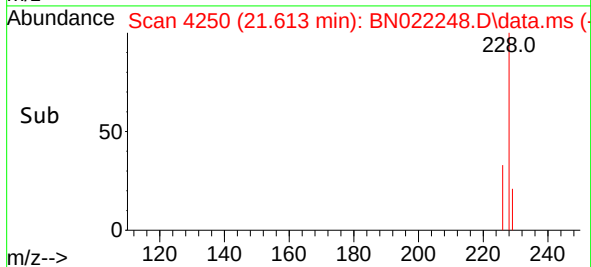
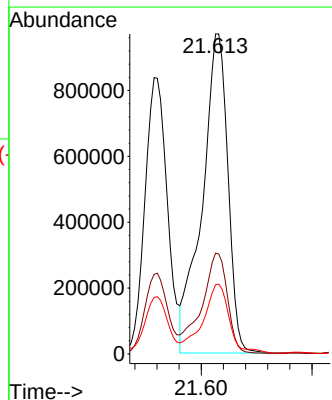
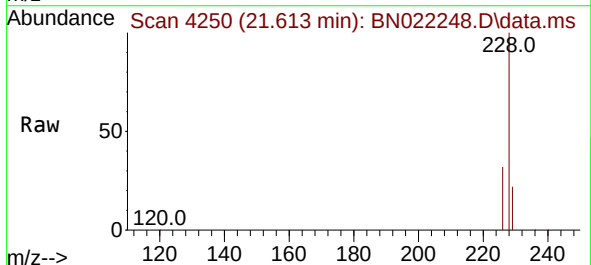
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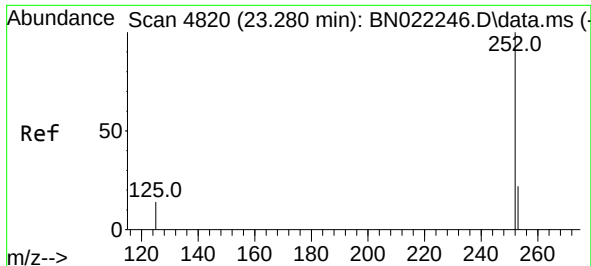
Tgt Ion:228 Resp: 1179770
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.8 21.5 32.3



#22
Chrysene
Concen: 21.306 ng/ul
RT: 21.613 min Scan# 4250
Delta R.T. -0.008 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:228 Resp: 1565408
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 21.6 15.9 23.9

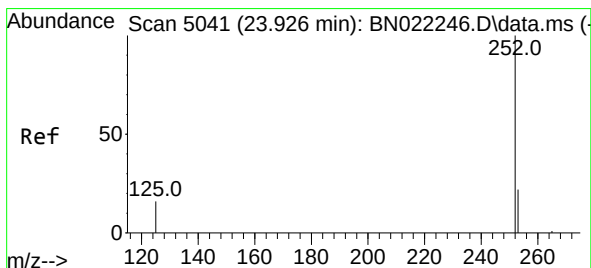
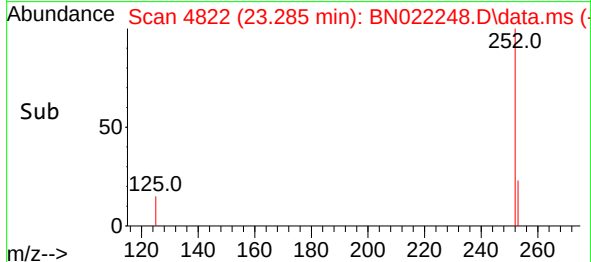
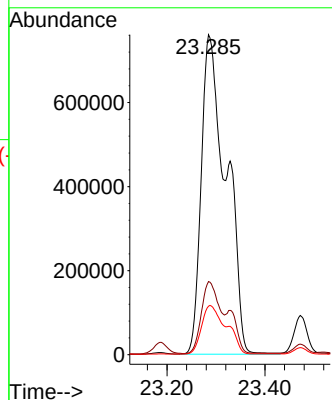
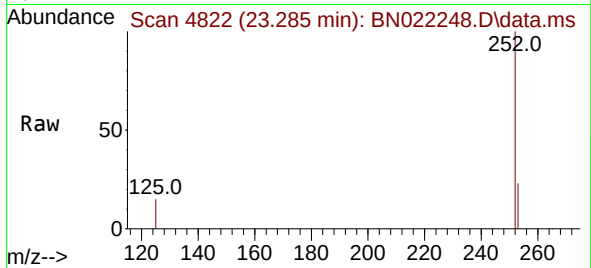




#24
Benzo(b)fluoranthene
Concen: 31.342 ng/ul
RT: 23.285 min Scan# 4820
Delta R.T. -0.005 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

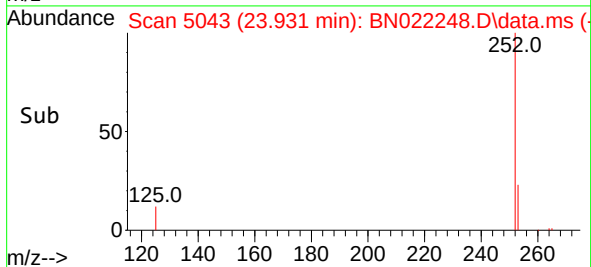
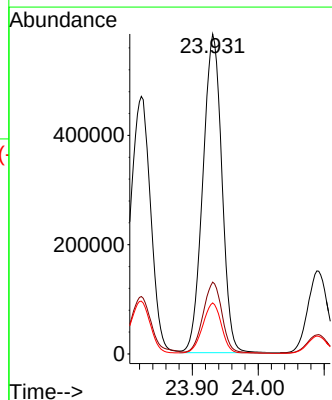
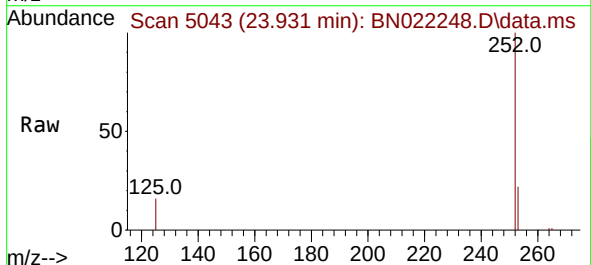
Instrument :
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ClientSampleId :
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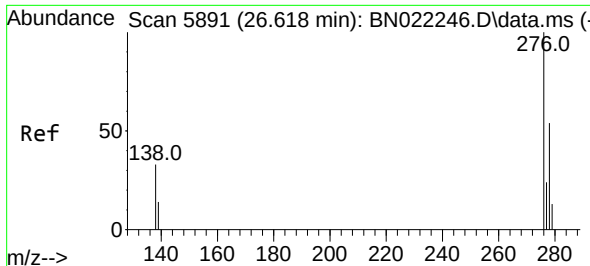
Tgt Ion:252 Resp: 2688103
Ion Ratio Lower Upper
252 100
253 22.8 0.0 49.0
125 15.1 0.0 35.2



#26
Benzo(a)pyrene
Concen: 17.081 ng/ul
RT: 23.931 min Scan# 5043
Delta R.T. -0.005 min
Lab File: BN022248.D
Acq: 21 Oct 2022 11:19

Tgt Ion:252 Resp: 1167921
Ion Ratio Lower Upper
252 100
253 22.4 21.0 31.6
125 15.9 17.9 26.9#

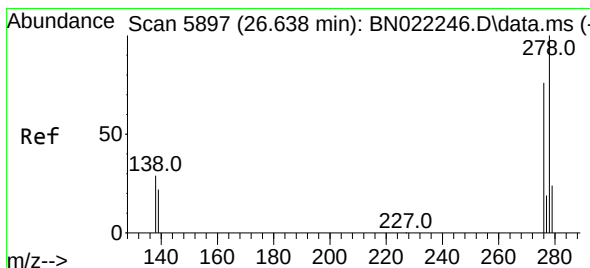
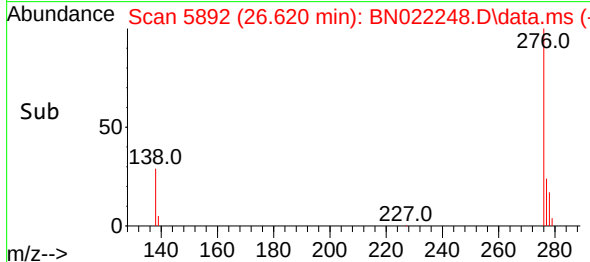
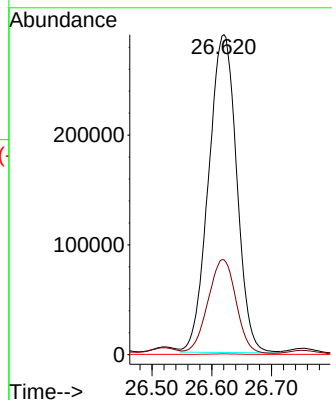
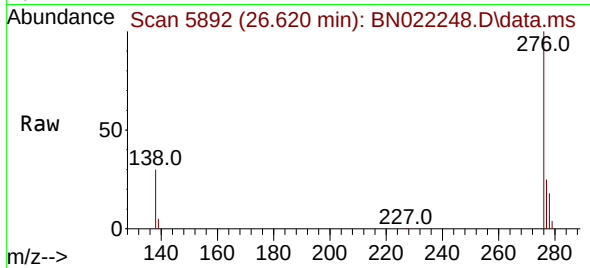




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.116 ng/ul
 RT: 26.620 min Scan# 5892
 Delta R.T. -0.015 min
 Lab File: BN022248.D
 Acq: 21 Oct 2022 11:19

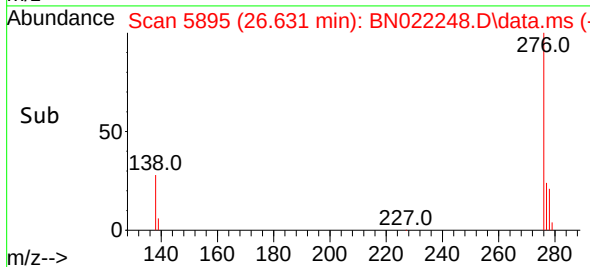
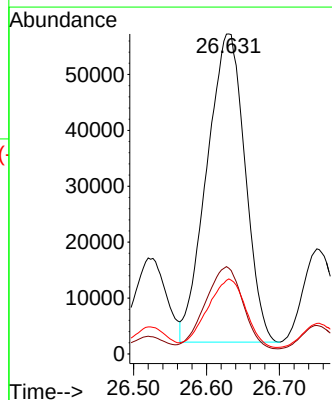
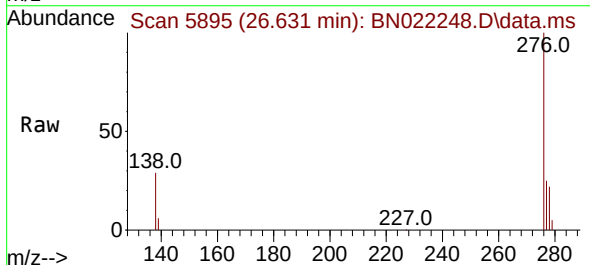
Instrument :
 BNA_N
 ClientSampleId :
 C1BE1

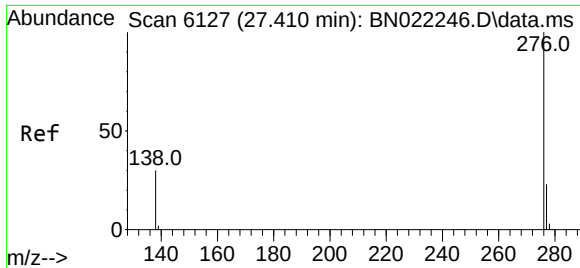
Tgt Ion:276 Resp: 944796
 Ion Ratio Lower Upper
 276 100
 138 29.3 27.7 41.5
 227 0.2 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.959 ng/ul
 RT: 26.631 min Scan# 5895
 Delta R.T. -0.025 min
 Lab File: BN022248.D
 Acq: 21 Oct 2022 11:19

Tgt Ion:278 Resp: 200946
 Ion Ratio Lower Upper
 278 100
 139 26.8 19.6 29.4
 279 23.4 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 12.461 ng/ul
 RT: 27.419 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BN022248.D
 Acq: 21 Oct 2022 11:19

Instrument :
 BNA_N
 ClientSampleId :
 C1BE1

Tgt Ion:	276	Resp:	862878
Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.2	37.8
277	24.2	19.9	29.9

