

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022264.D
 Acq On : 21 Oct 2022 21:17
 Operator : CG/JU
 Sample : N5064-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH7

Quant Time: Oct 21 22:42:33 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)

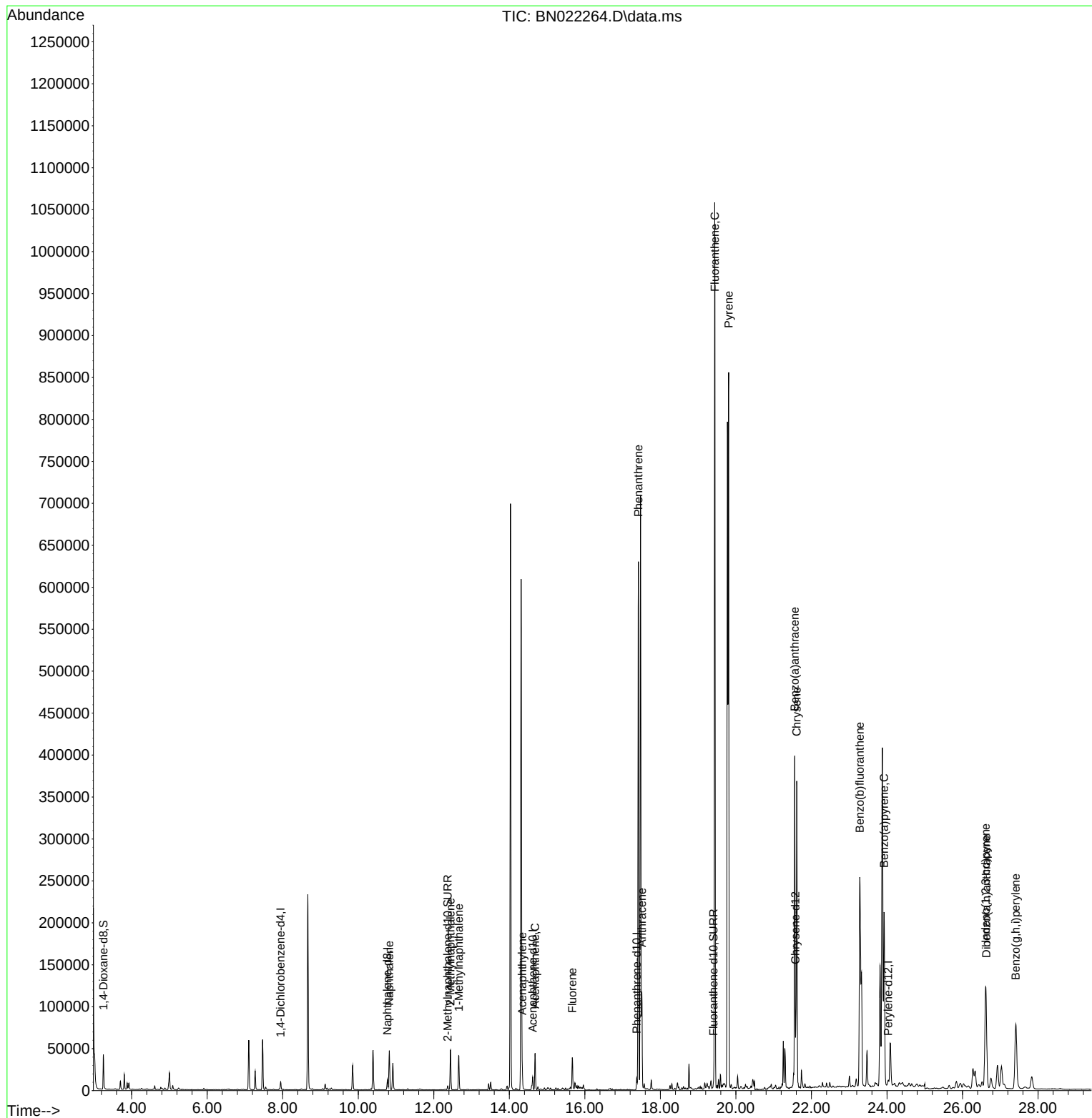
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4839	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15806	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14687	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9554	0.400	ng/ul	# 0.00
23) Perylene-d12	24.035	264	9187	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	25206	4.008	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6239	0.261	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	9583	0.299	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.822	128	62271	1.334	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	34053	1.158	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	28654	0.947	ng/ul	100
10) Acenaphthylene	14.341	152	29647	0.790	ng/ul	98
11) Acenaphthene	14.683	153	24938	0.788	ng/ul	99
12) Fluorene	15.669	166	23314	0.634	ng/ul	98
15) Phenanthrene	17.417	178	664955	13.486	ng/ul	99
16) Anthracene	17.509	178	117708	2.833	ng/ul	100
19) Fluoranthene	19.440	202	846179	19.337	ng/ul	100
20) Pyrene	19.807	202	684889	15.579	ng/ul	99
21) Benzo(a)anthracene	21.559	228	344354	9.620	ng/ul	98
22) Chrysene	21.611	228	349583	9.214	ng/ul	96
24) Benzo(b)fluoranthene	23.280	252	598687	12.977	ng/ul	96
26) Benzo(a)pyrene	23.923	252	295585	8.037	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.612	276	211407	4.624	ng/ul	92
28) Dibenzo(a,h)anthracene	26.628	278	55868	1.530	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	174952	4.697	ng/ul	98

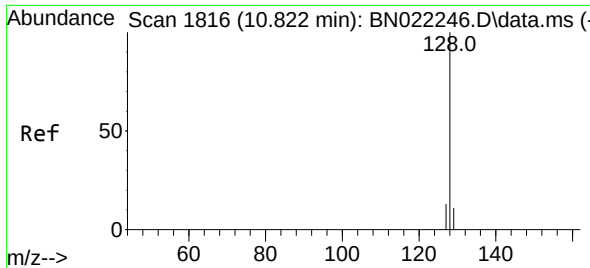
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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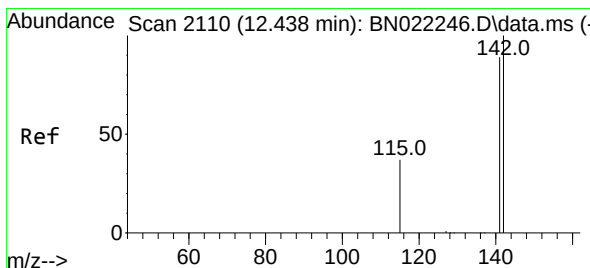
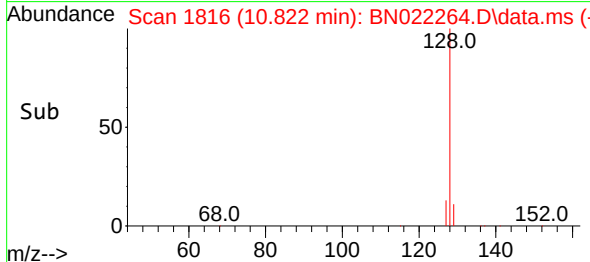
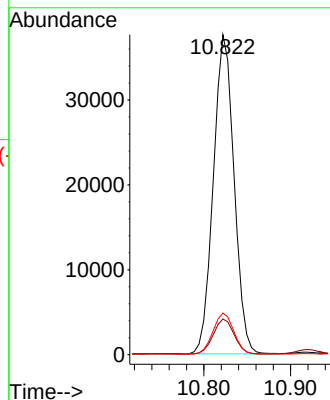
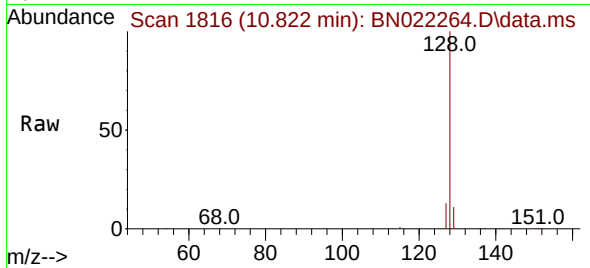




#5
Naphthalene
Concen: 1.334 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

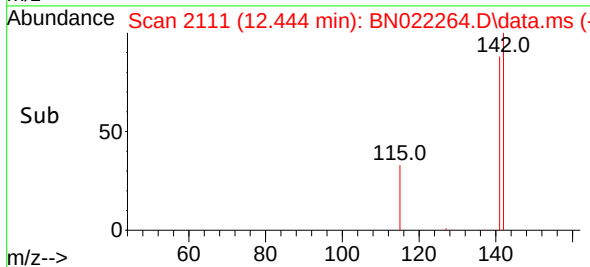
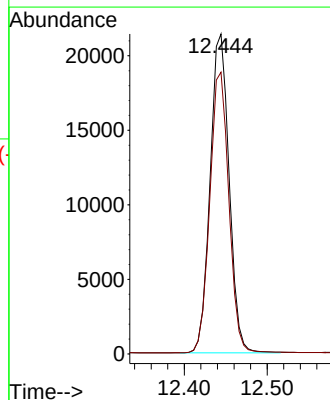
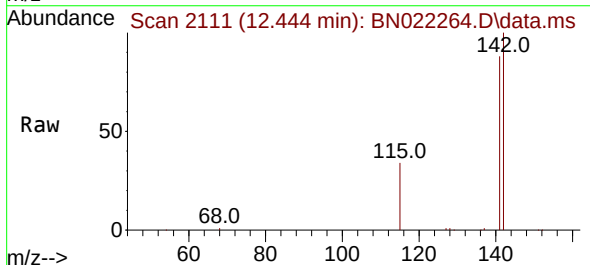
Instrument :
BNA_N
ClientSampleId :
C0BH7

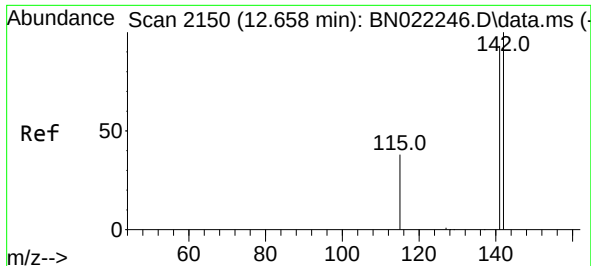
Tgt Ion:128 Resp: 62271
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.158 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:142 Resp: 34053
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

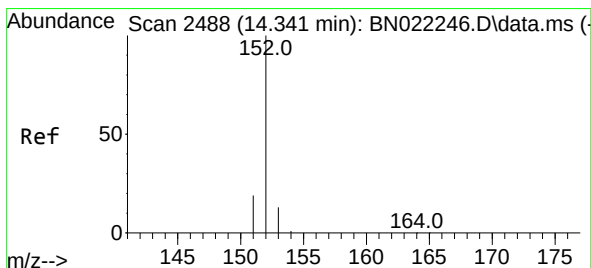
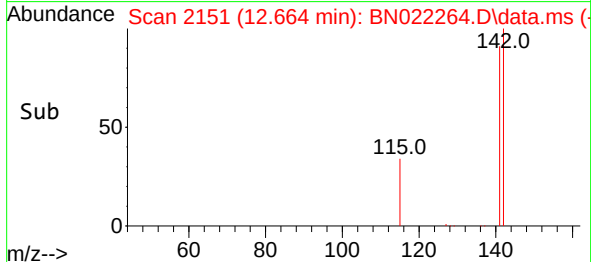
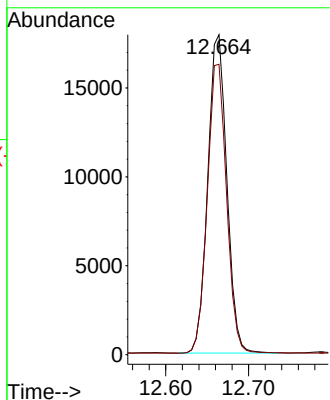
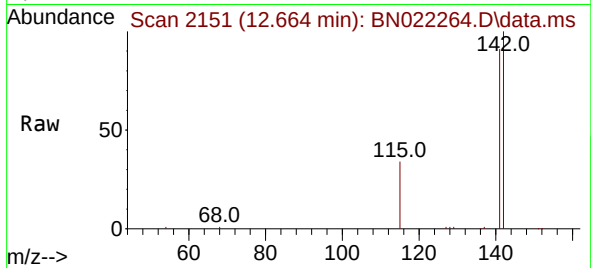




#8
1-Methylnaphthalene
Concen: 0.947 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

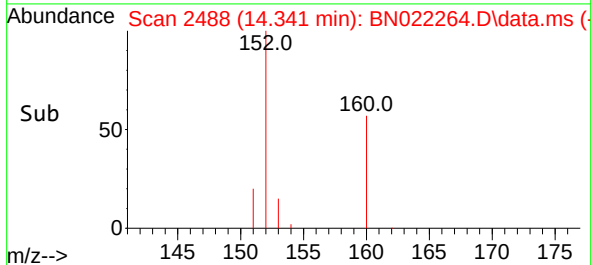
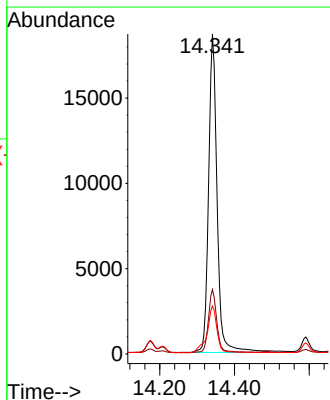
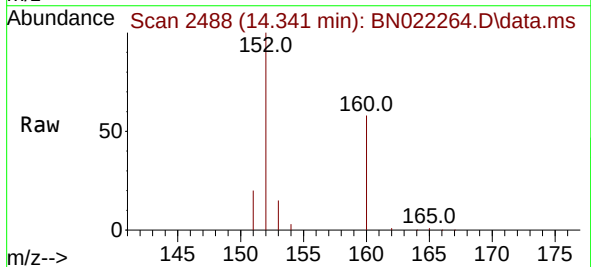
Instrument :
BNA_N
ClientSampleId :
C0BH7

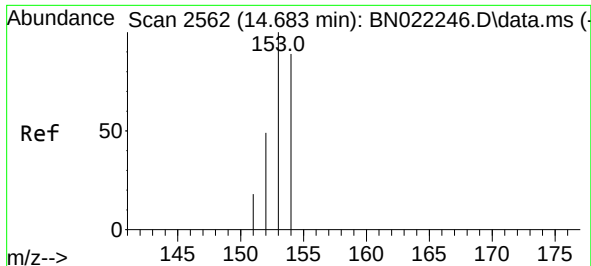
Tgt Ion:142 Resp: 28654
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#10
Acenaphthylene
Concen: 0.790 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:152 Resp: 29647
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 15.0 10.8 16.2

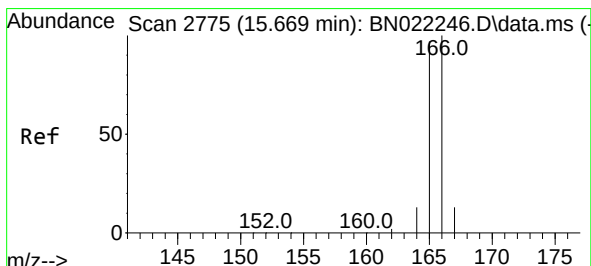
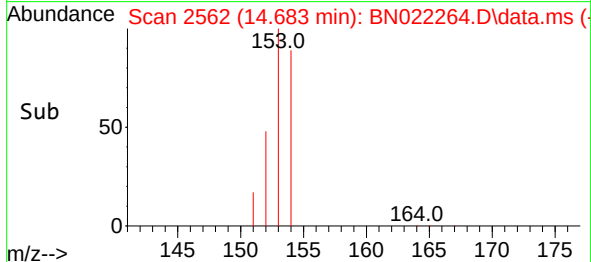
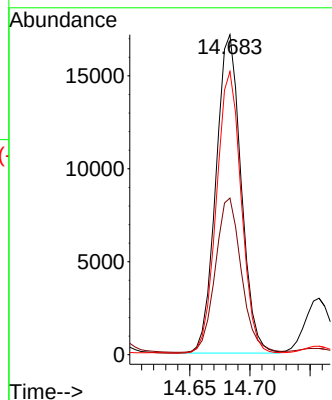
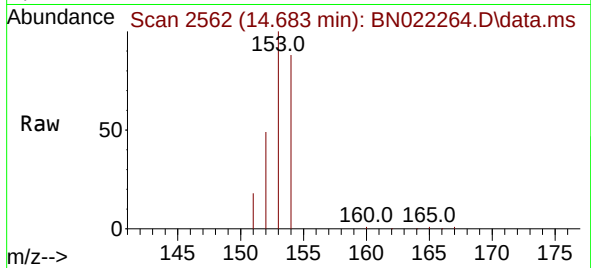




#11
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.683 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

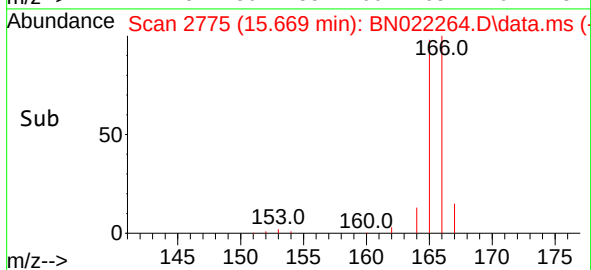
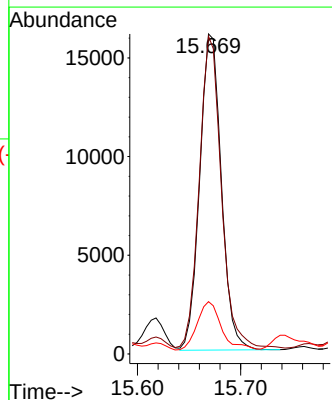
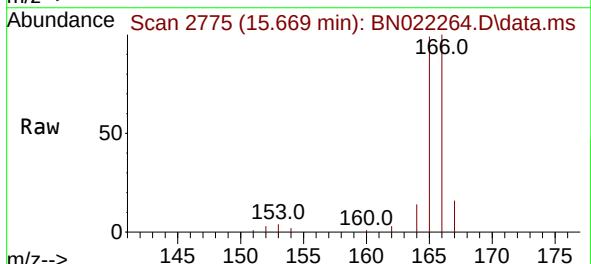
Instrument :
BNA_N
ClientSampleId :
C0BH7

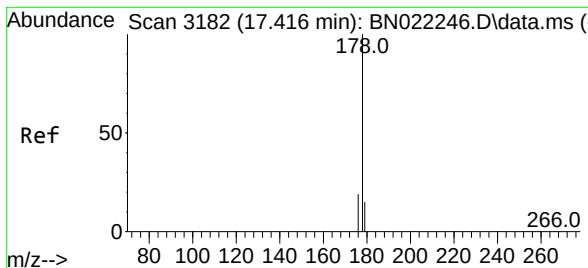
Tgt Ion:153 Resp: 24938
Ion Ratio Lower Upper
153 100
152 48.9 40.6 61.0
154 88.5 70.6 106.0



#12
Fluorene
Concen: 0.634 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.008 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:166 Resp: 23314
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 16.3 11.0 16.4





#15

Phenanthrene

Concen: 13.486 ng/ul

RT: 17.417 min Scan# 3182

Delta R.T. -0.007 min

Lab File: BN022264.D

Acq: 21 Oct 2022 21:17

Instrument :

BNA_N

ClientSampleId :

C0BH7

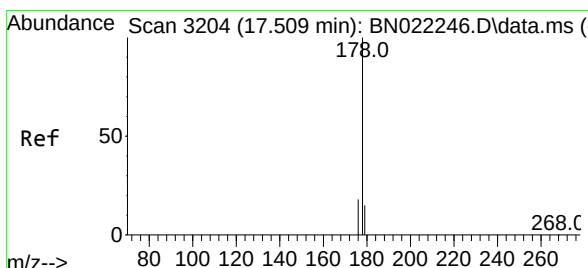
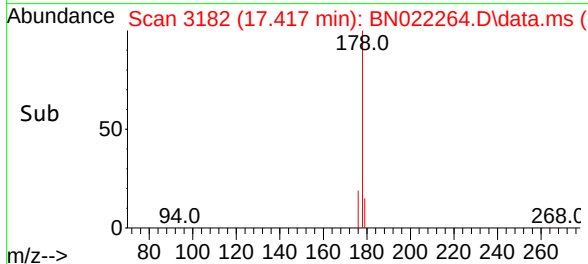
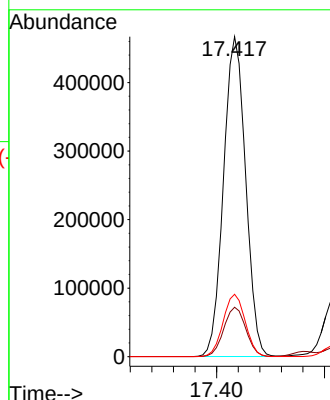
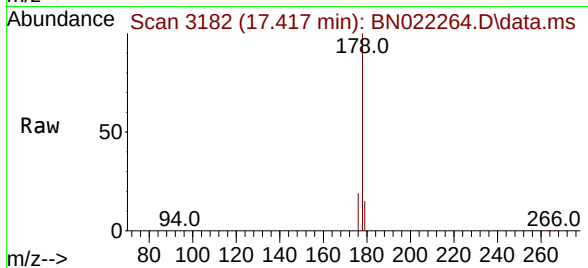
Tgt Ion:178 Resp: 664955

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 19.5 15.4 23.2



#16

Anthracene

Concen: 2.833 ng/ul

RT: 17.509 min Scan# 3204

Delta R.T. -0.007 min

Lab File: BN022264.D

Acq: 21 Oct 2022 21:17

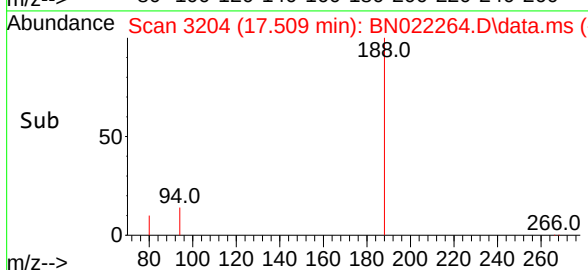
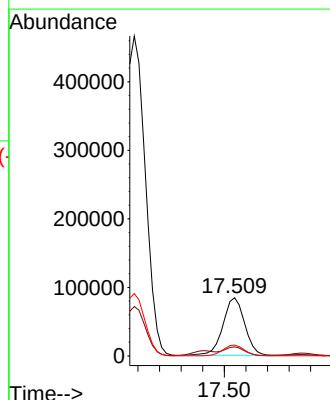
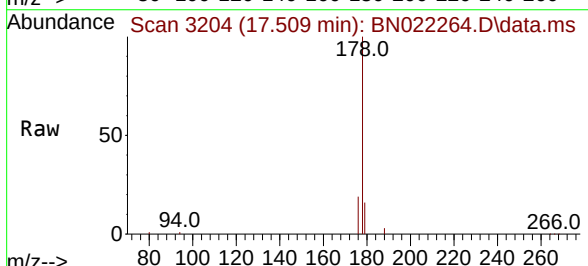
Tgt Ion:178 Resp: 117708

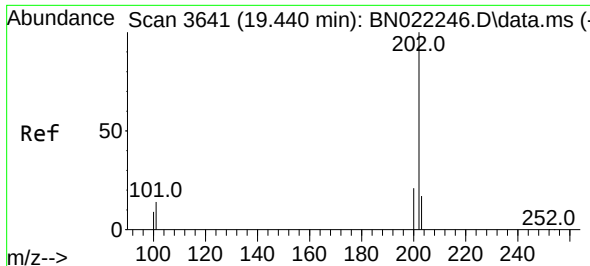
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 18.7 15.0 22.6

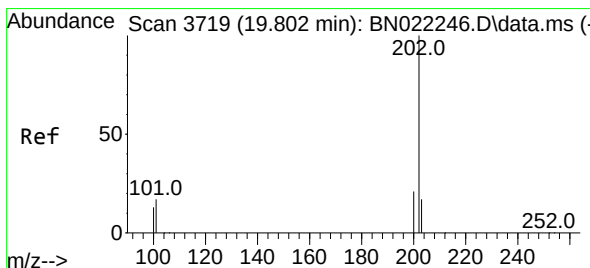
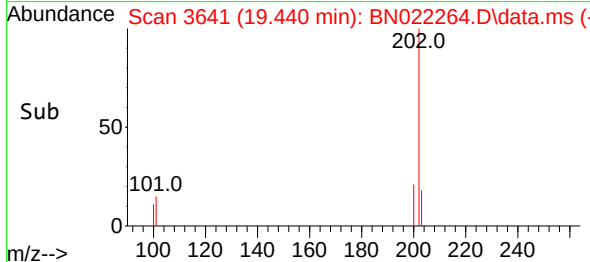
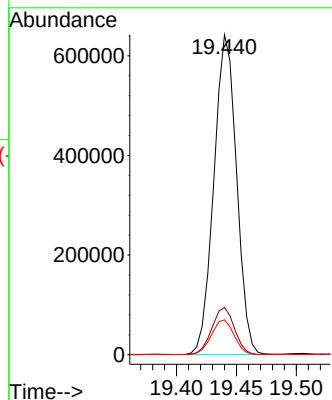
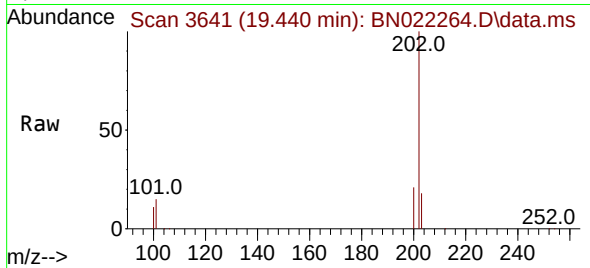




#19
Fluoranthene
Concen: 19.337 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

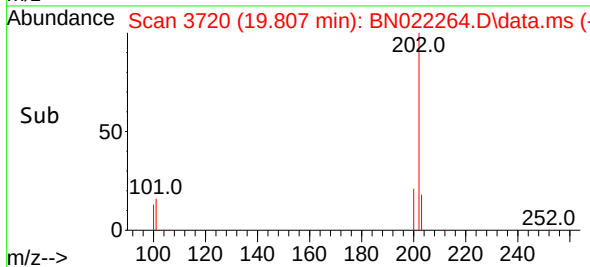
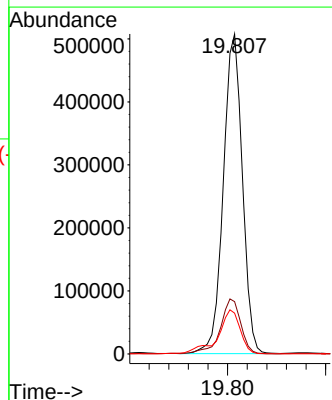
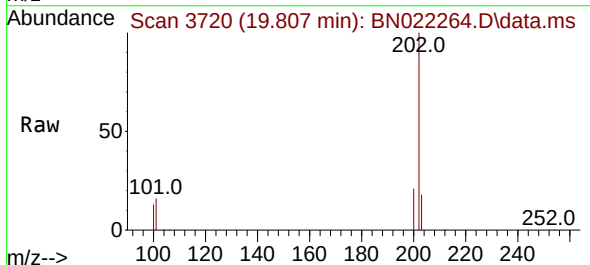
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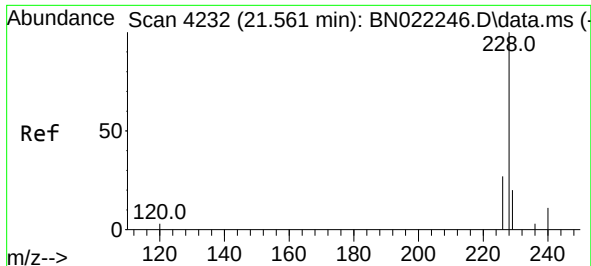
Tgt Ion:202 Resp: 846179
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 15.579 ng/u1
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:202 Resp: 684889
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.7 10.6 16.0

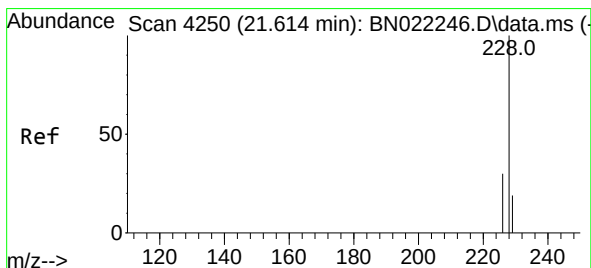
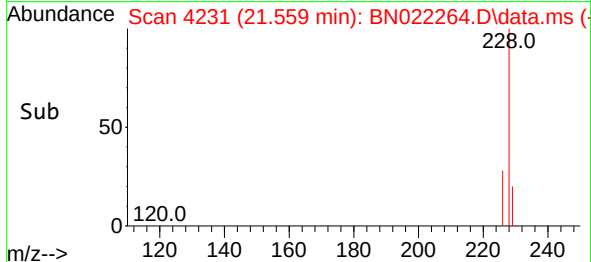
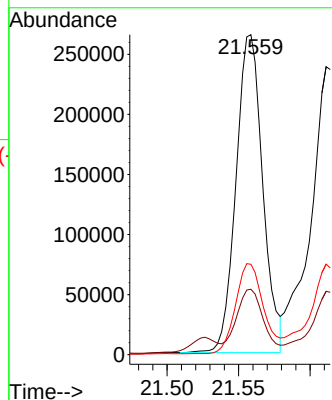
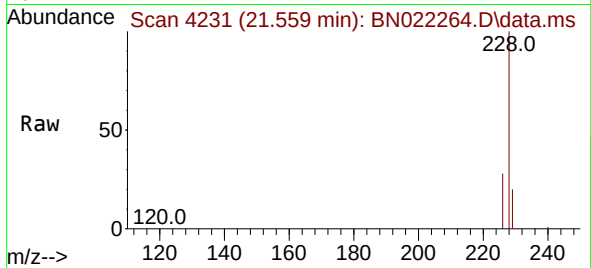




#21
Benzo(a)anthracene
Concen: 9.620 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

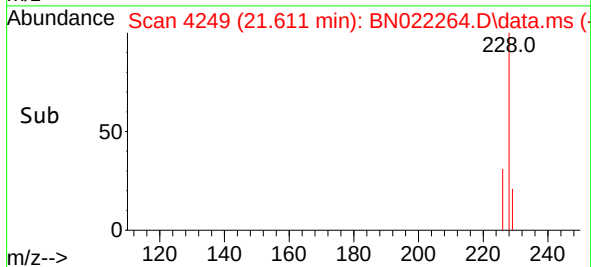
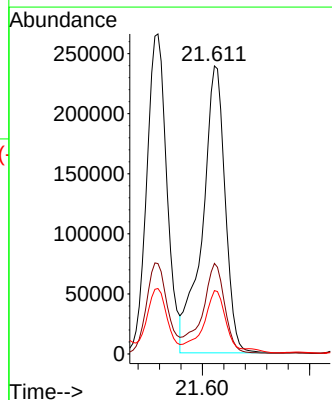
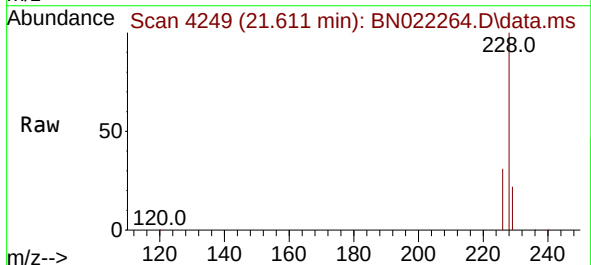
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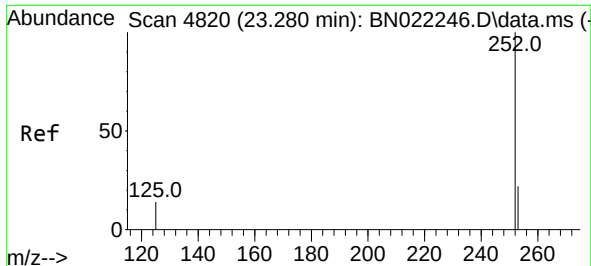
Tgt Ion:228 Resp: 344354
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.2 21.5 32.3



#22
Chrysene
Concen: 9.214 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:228 Resp: 349583
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 22.0 15.9 23.9

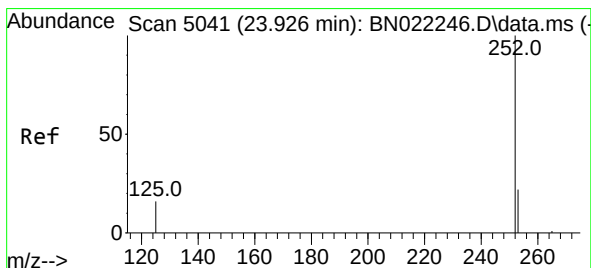
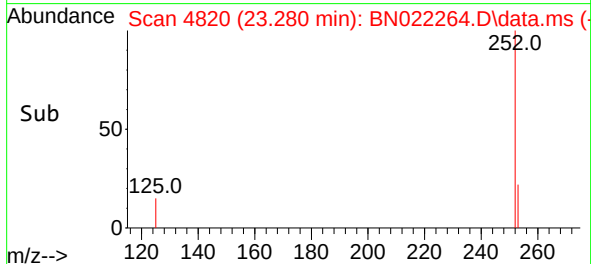
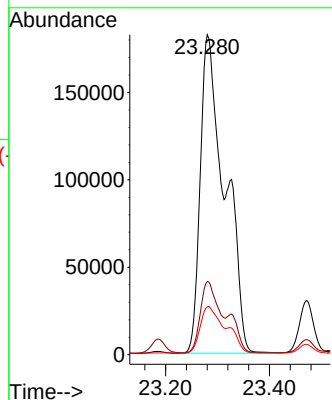
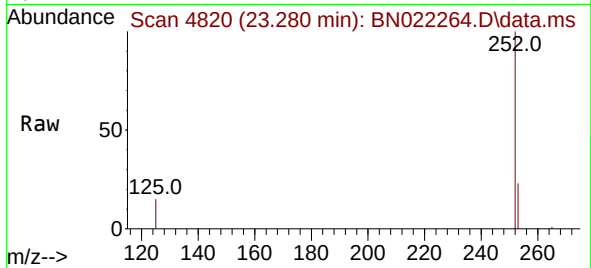




#24
Benzo(b)fluoranthene
Concen: 12.977 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

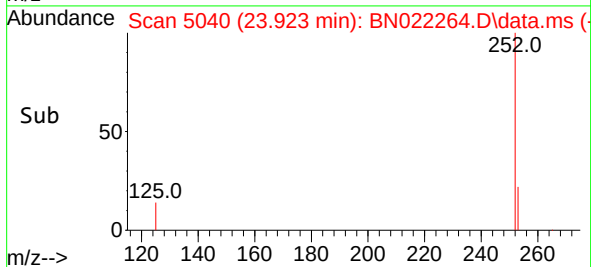
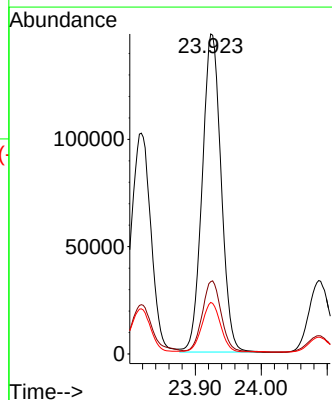
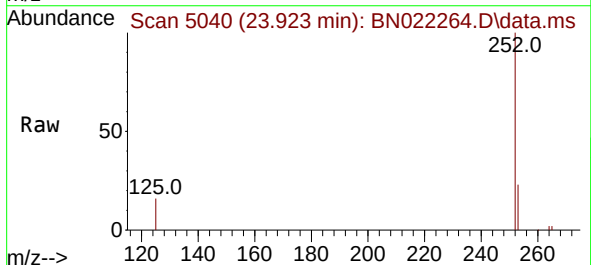
Instrument :
BNA_N
ClientSampleId :
C0BH7

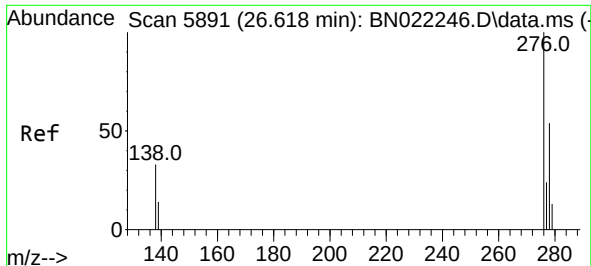
Tgt Ion:252 Resp: 598687
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.0
125 14.9 0.0 35.2



#26
Benzo(a)pyrene
Concen: 8.037 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. -0.012 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:252 Resp: 295585
Ion Ratio Lower Upper
252 100
253 22.6 21.0 31.6
125 16.1 17.9 26.9#

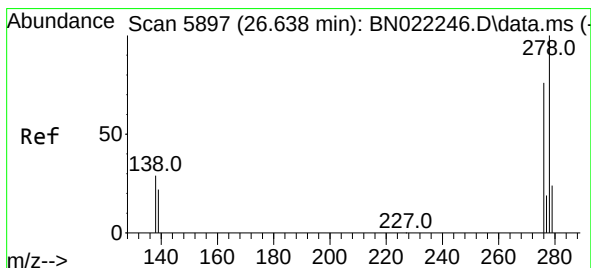
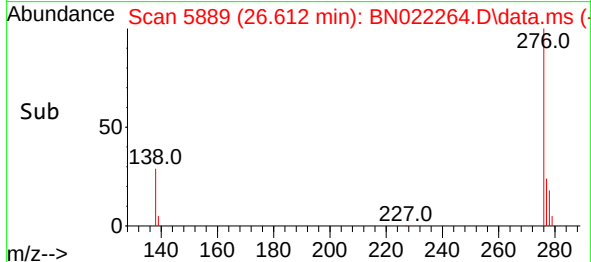
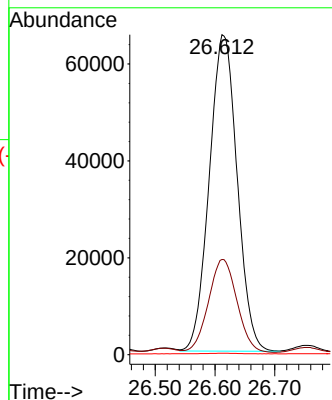
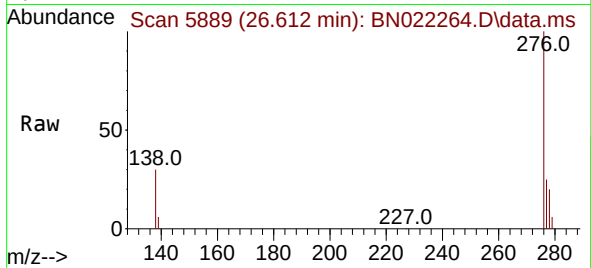




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.624 ng/ul
 RT: 26.612 min Scan# 5889
 Delta R.T. -0.024 min
 Lab File: BN022264.D
 Acq: 21 Oct 2022 21:17

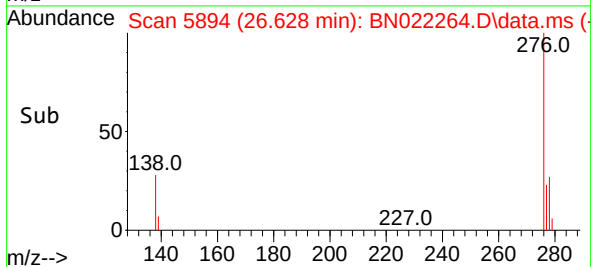
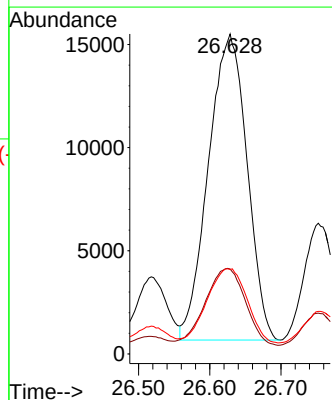
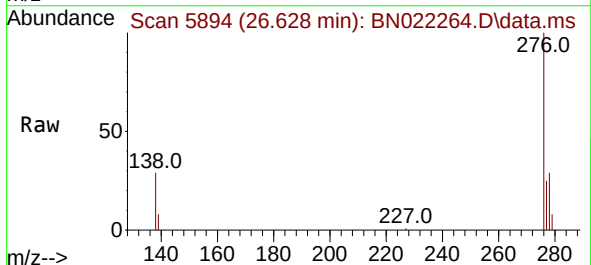
Instrument :
 BNA_N
 ClientSampleId :
 C0BH7

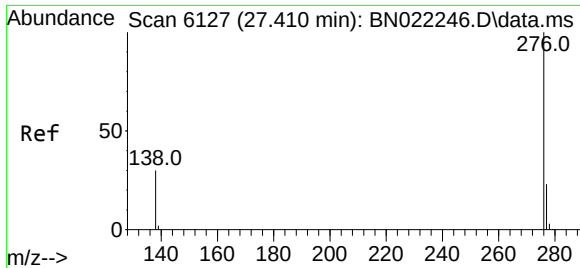
Tgt Ion:276 Resp: 211407
 Ion Ratio Lower Upper
 276 100
 138 29.9 27.7 41.5
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 1.530 ng/ul
 RT: 26.628 min Scan# 5894
 Delta R.T. -0.027 min
 Lab File: BN022264.D
 Acq: 21 Oct 2022 21:17

Tgt Ion:278 Resp: 55868
 Ion Ratio Lower Upper
 278 100
 139 26.6 19.6 29.4
 279 26.4 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 4.697 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN022264.D
 Acq: 21 Oct 2022 21:17

Instrument :
 BNA_N
 ClientSampleId :
 C0BH7

Tgt Ion:276 Resp: 174952
 Ion Ratio Lower Upper
 276 100
 138 29.9 25.2 37.8
 277 24.1 19.9 29.9

