

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022328.D
 Acq On : 25 Oct 2022 17:06
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:14:44 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 : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

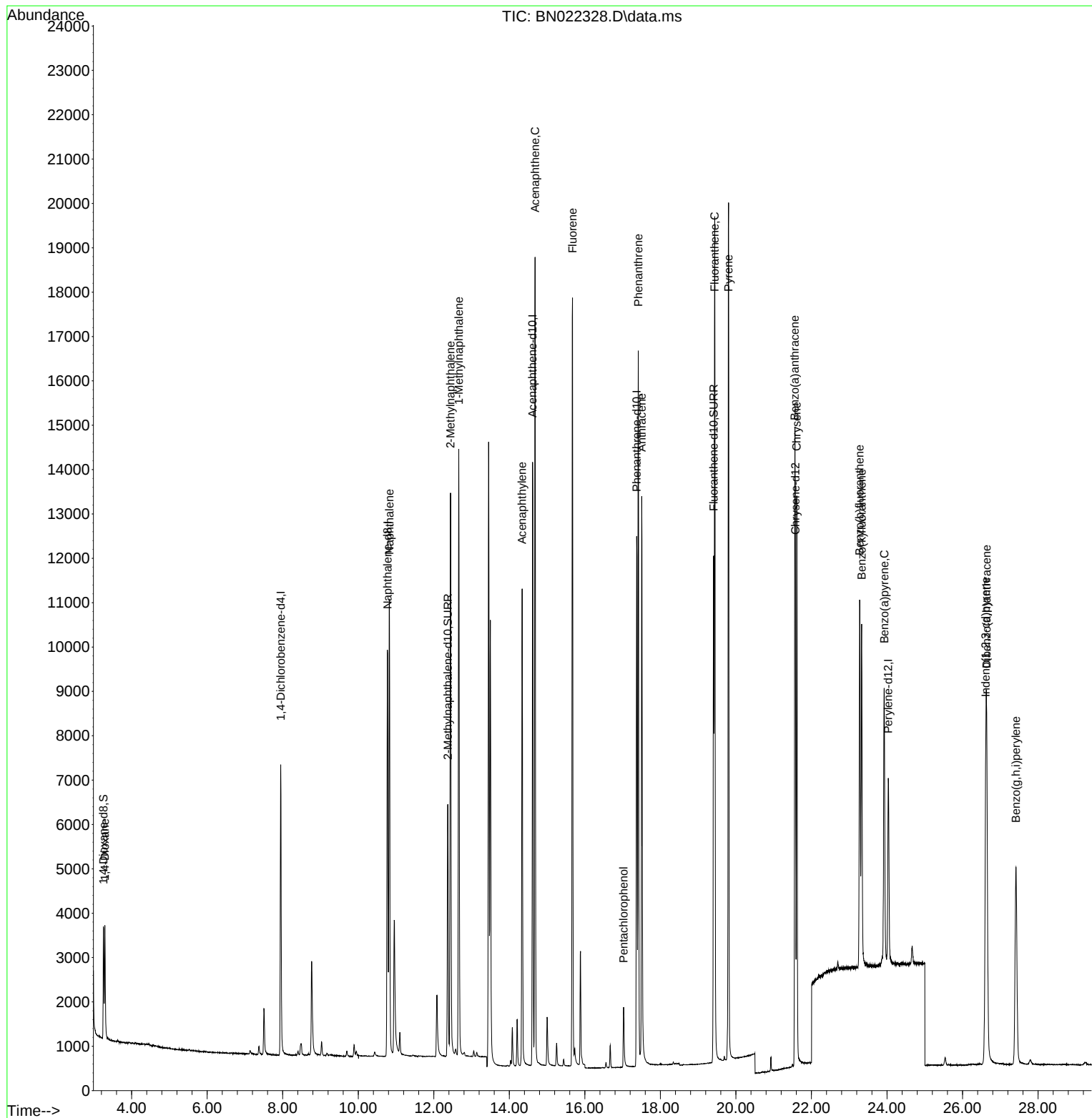
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	3671	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	13076	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	7412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	13848	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	7650	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	6150	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	1706	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	7862	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	12382	0.482	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.291	88	1760	0.359	ng/ul#	90
5) Naphthalene	10.826	128	14781	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.443	142	9563	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	9785	0.391	ng/ul	100
10) Acenaphthylene	14.340	152	12979	0.390	ng/ul	99
11) Acenaphthene	14.682	153	10591	0.377	ng/ul	100
12) Fluorene	15.672	166	11653	0.358	ng/ul	99
14) Pentachlorophenol	17.027	266	1103	0.335	ng/ul	100
15) Phenanthrene	17.415	178	17710	0.381	ng/ul	99
16) Anthracene	17.508	178	15103	0.386	ng/ul	99
19) Fluoranthene	19.438	202	16590	0.473	ng/ul	100
20) Pyrene	19.806	202	16442	0.467	ng/ul	99
21) Benzo(a)anthracene	21.559	228	11398	0.398	ng/ul	99
22) Chrysene	21.611	228	11722	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.277	252	10949	0.355	ng/ul	92
25) Benzo(k)fluoranthene	23.330	252	10715	0.357	ng/ul	95
26) Benzo(a)pyrene	23.927	252	9476	0.385	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.615	276	12225	0.399	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.639	278	9639	0.394	ng/ul	96
29) Benzo(g,h,i)perylene	27.417	276	10080	0.404	ng/ul	99

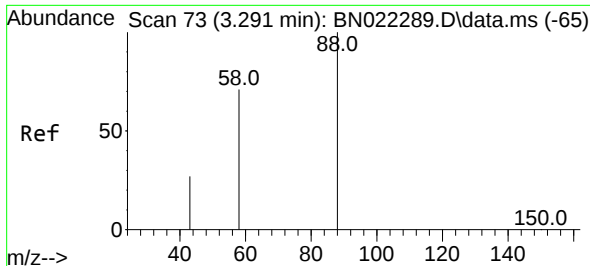
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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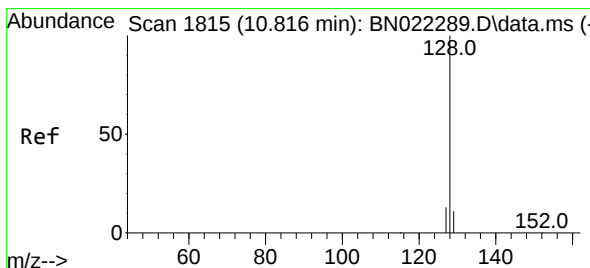
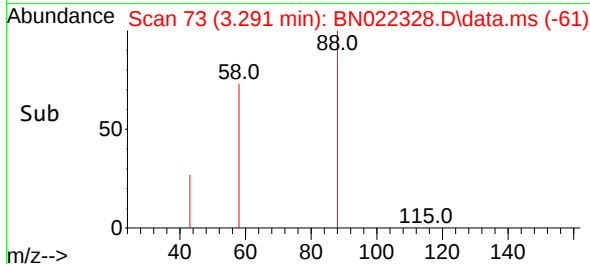
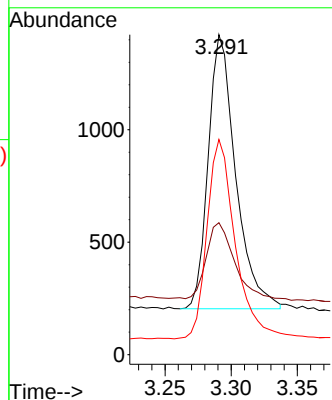
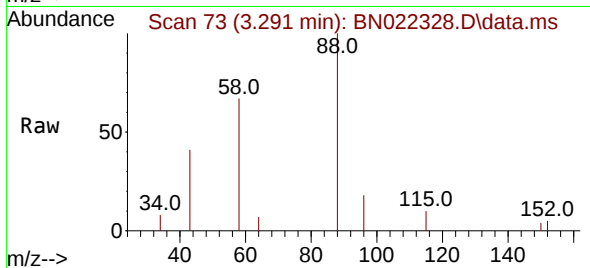




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.291 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

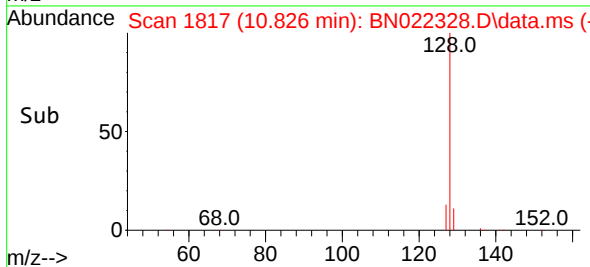
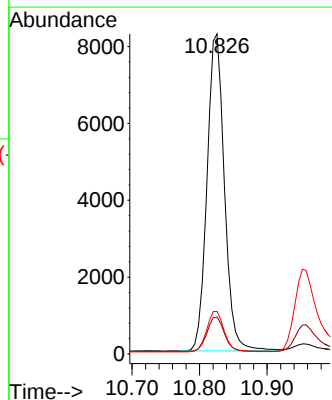
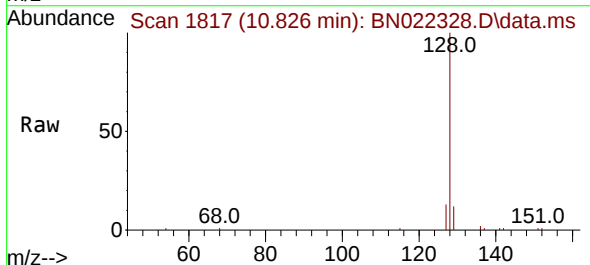
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BNA_N
ClientSampleId :

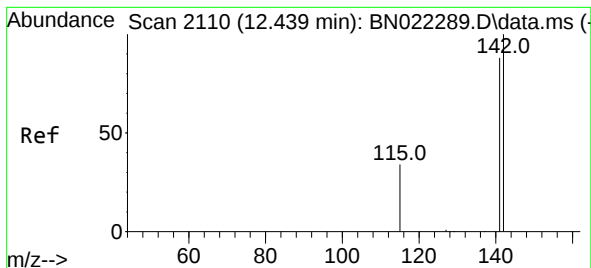
Tgt Ion: 88 Resp: 1760
Ion Ratio Lower Upper
88 100
43 41.3 27.4 41.2#
58 67.3 48.2 72.2



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.826 min Scan# 1817
Delta R.T. 0.004 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Tgt Ion:128 Resp: 14781
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.3 10.7 16.1

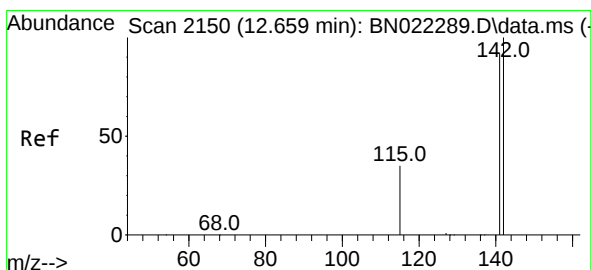
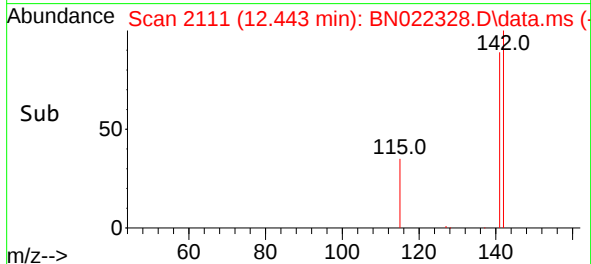
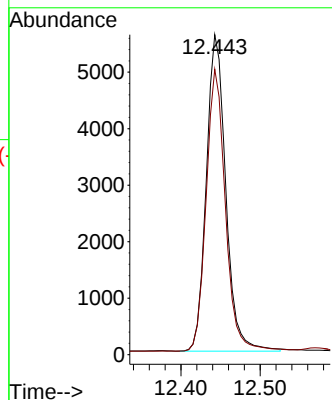
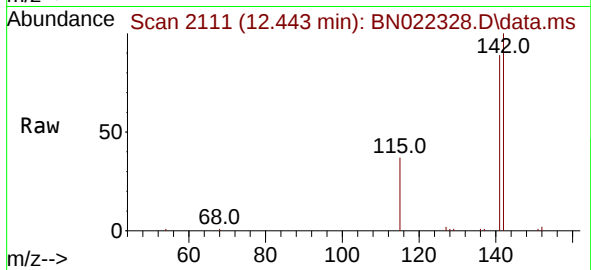




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

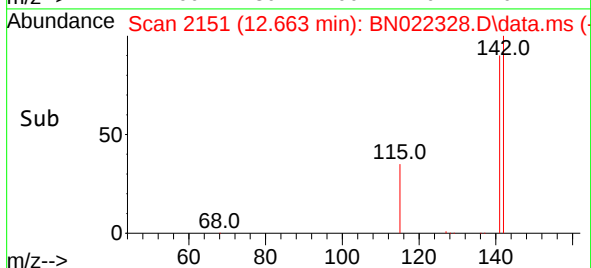
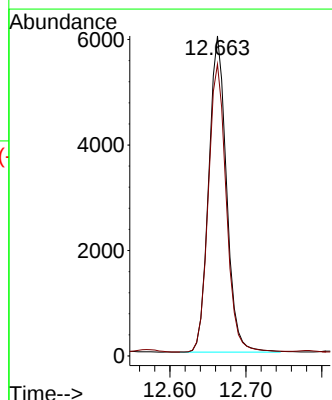
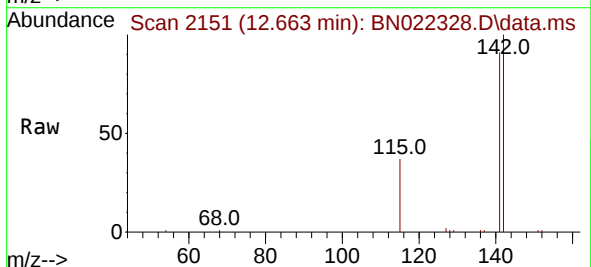
Instrument :
BNA_N
ClientSampleId :

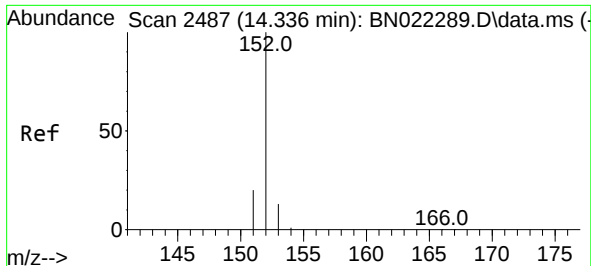
Tgt Ion:142 Resp: 9563
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.002 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

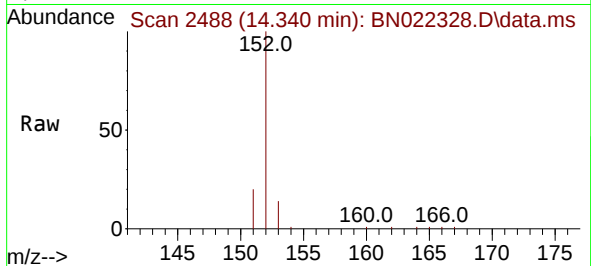
Tgt Ion:142 Resp: 9785
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9



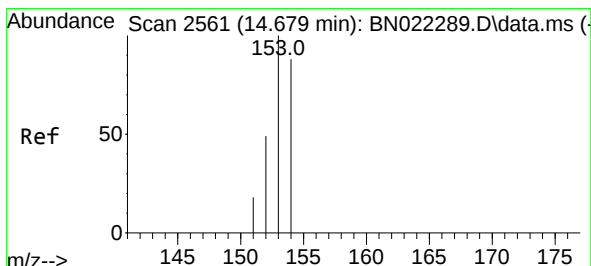
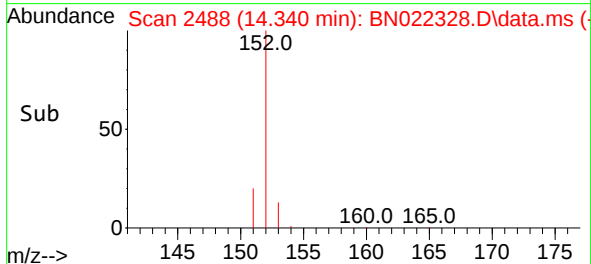
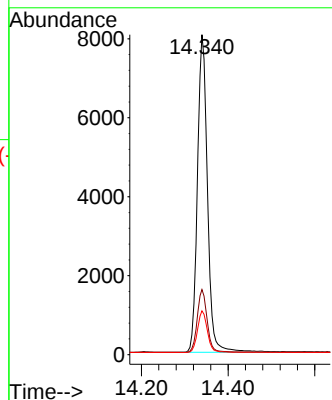


#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_N
ClientSampleId :

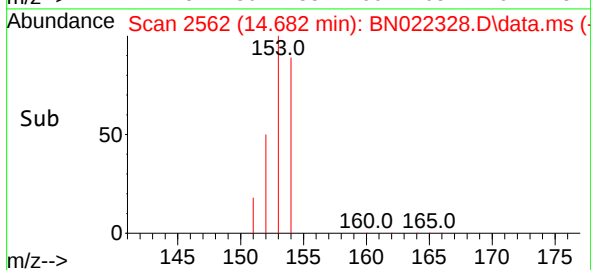
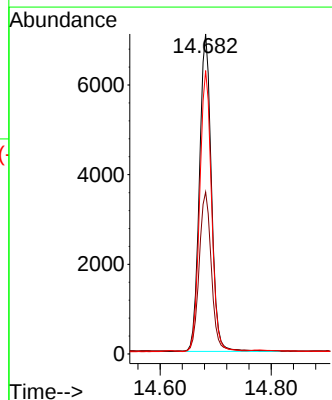
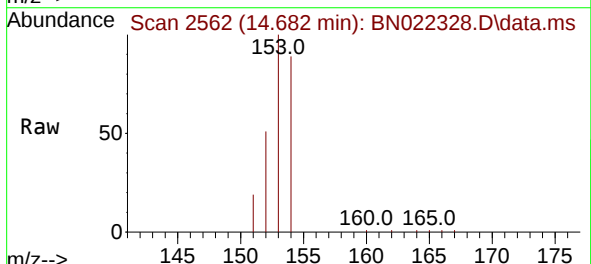


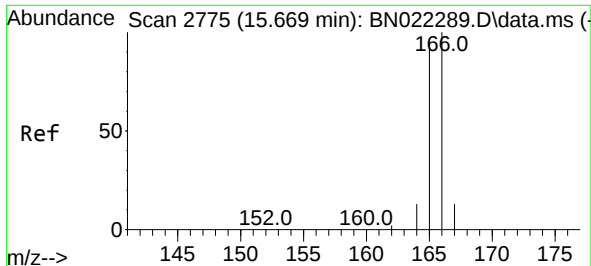
Tgt Ion:152 Resp: 12979
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.682 min Scan# 2562
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Tgt Ion:153 Resp: 10591
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 88.5 70.6 106.0

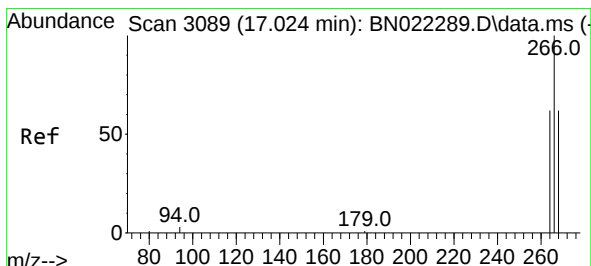
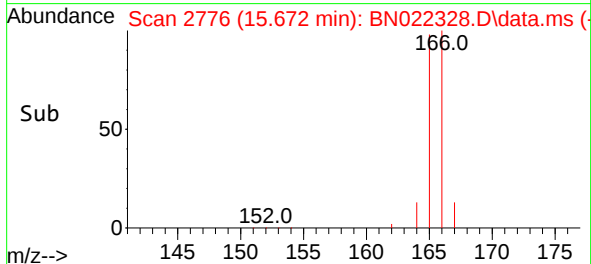
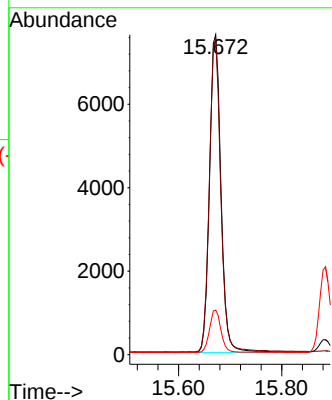
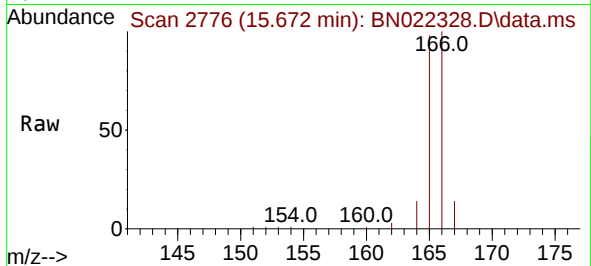




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.672 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

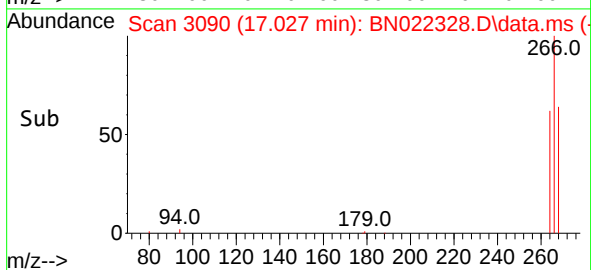
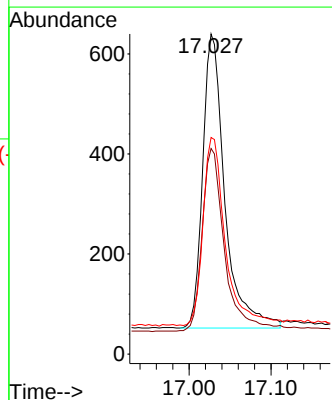
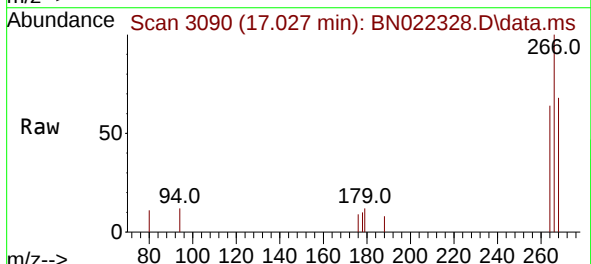
Instrument :
BNA_N
ClientSampleId :

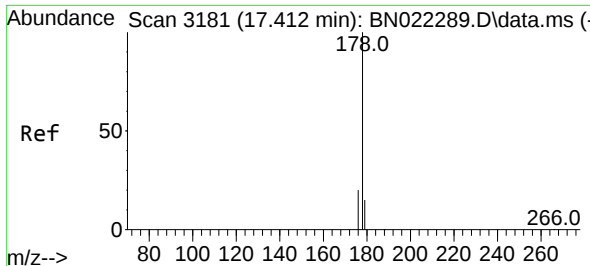
Tgt Ion:166 Resp: 11653
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 0.335 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Tgt Ion:266 Resp: 1103
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.6
268 64.6 51.4 77.2

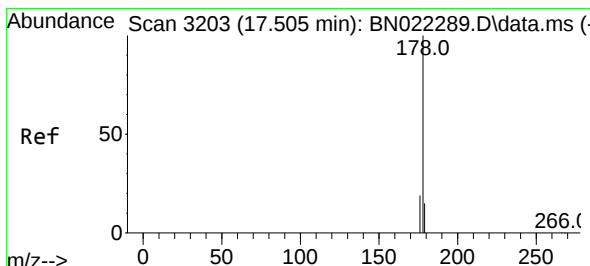
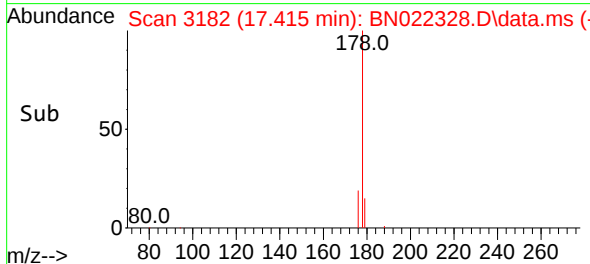
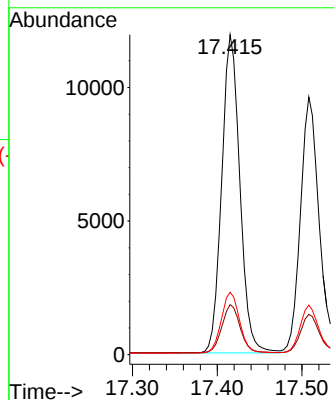
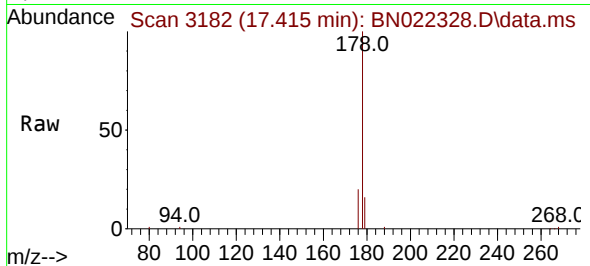




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.415 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

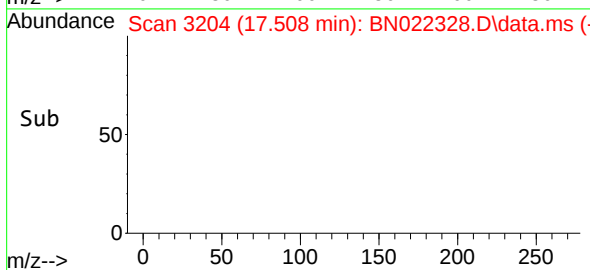
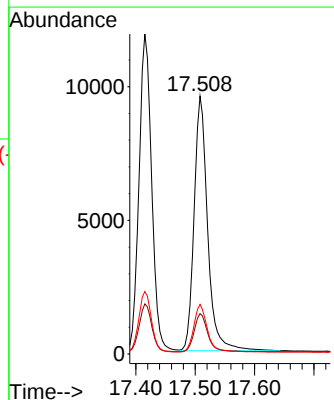
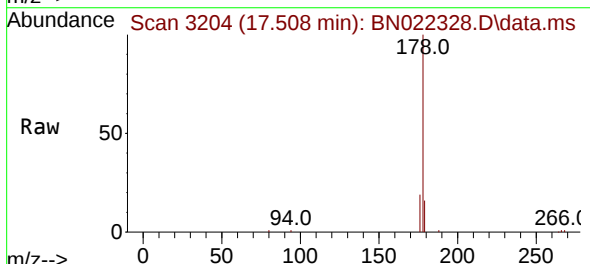
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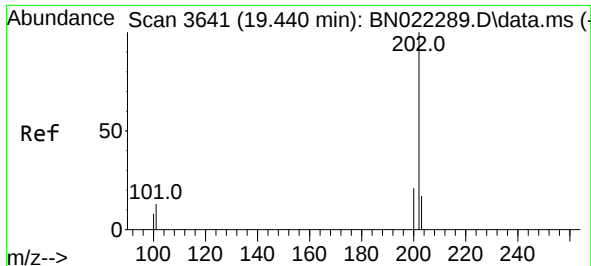
Tgt Ion:178 Resp: 17710
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.508 min Scan# 3204
Delta R.T. -0.002 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Tgt Ion:178 Resp: 15103
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.0 22.6

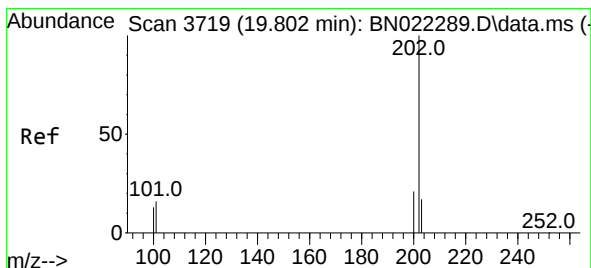
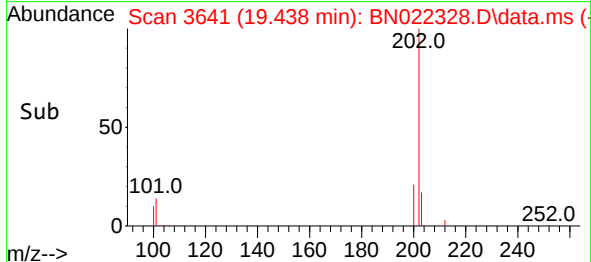
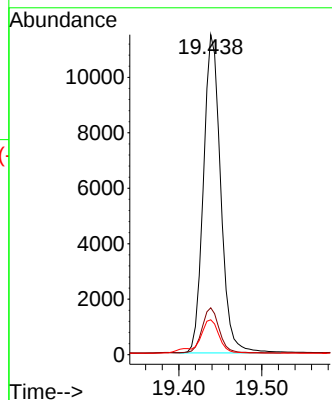
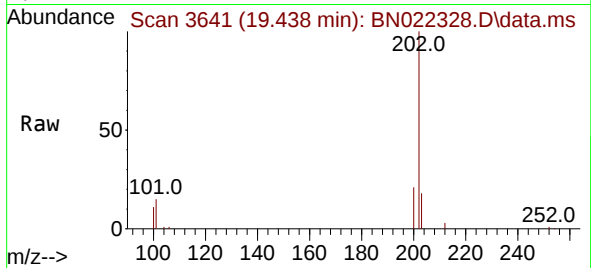




#19
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.438 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

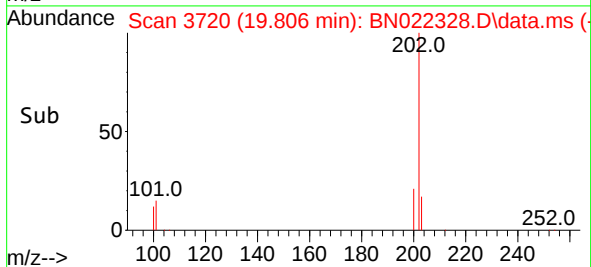
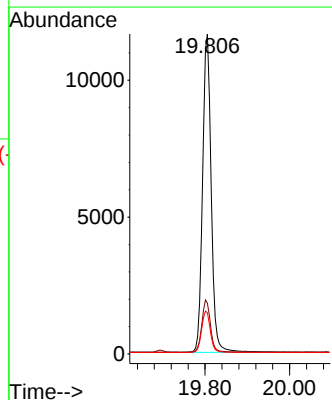
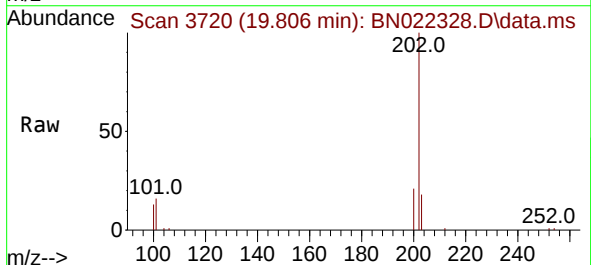
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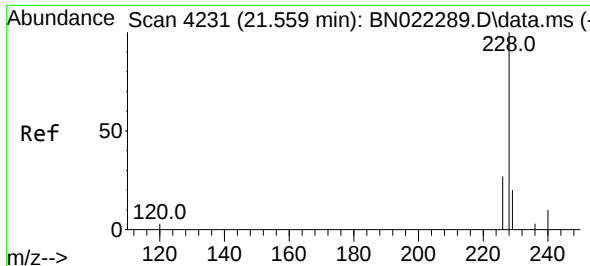
Tgt Ion:202 Resp: 16590
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.806 min Scan# 3720
Delta R.T. 0.003 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

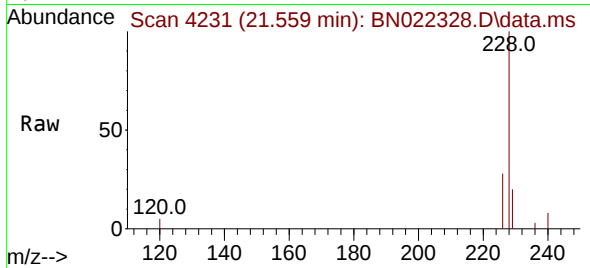
Tgt Ion:202 Resp: 16442
Ion Ratio Lower Upper
202 100
101 15.9 13.1 19.7
100 12.8 10.6 16.0



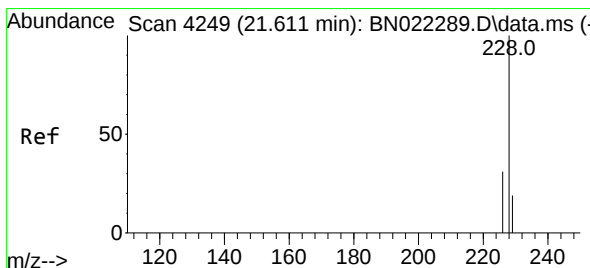
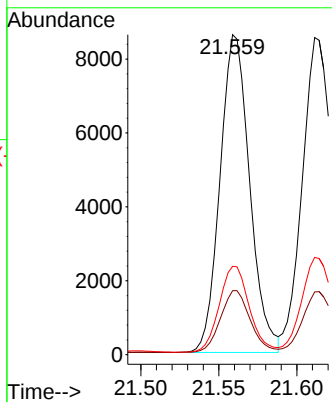
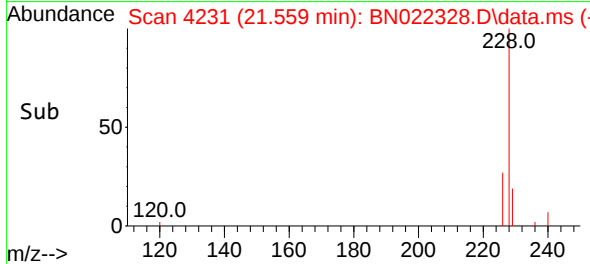


#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_N
ClientSampleId :

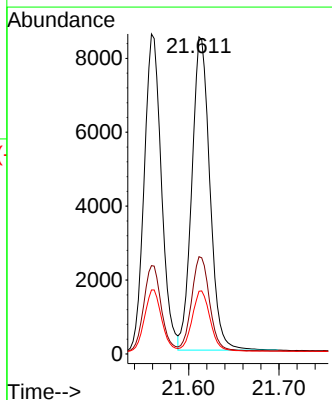
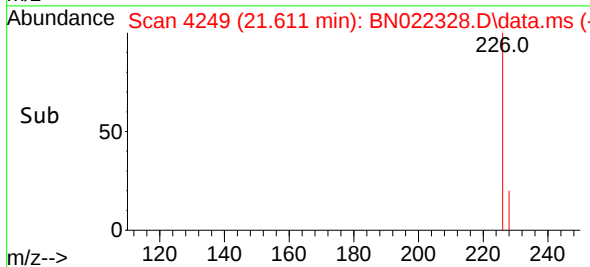
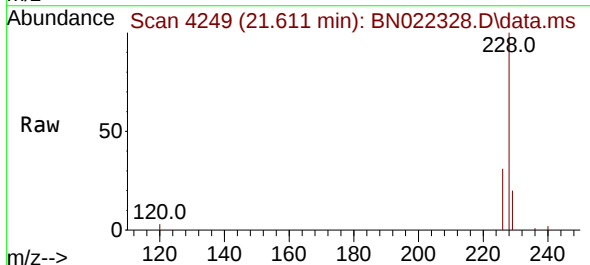


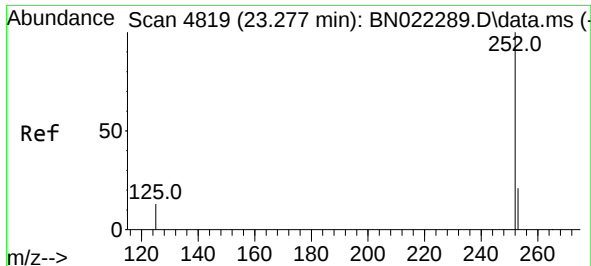
Tgt Ion:228 Resp: 11398
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. 0.000 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

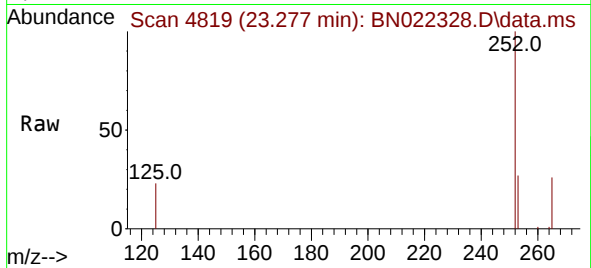
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Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 19.8 15.9 23.9



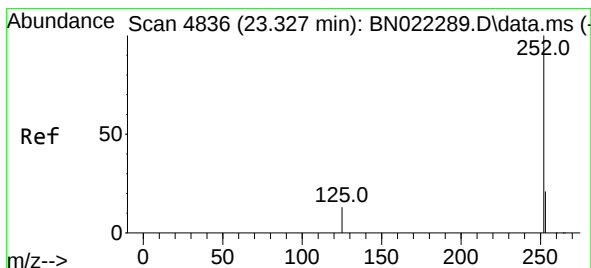
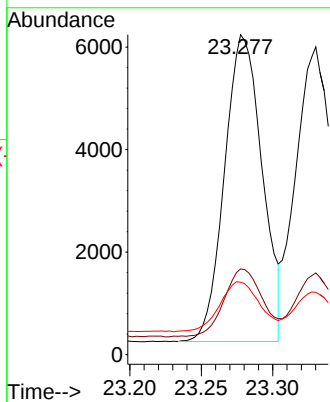
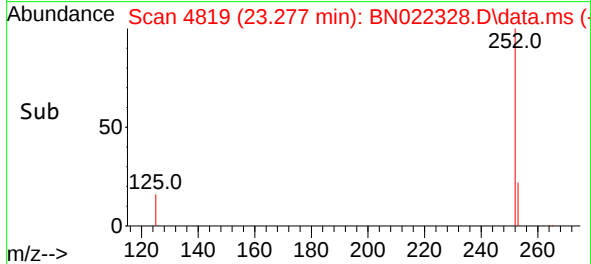


#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. 0.000 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_N
ClientSampleId :

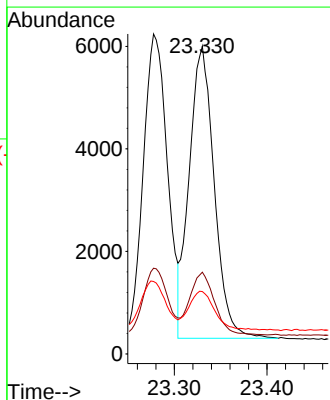
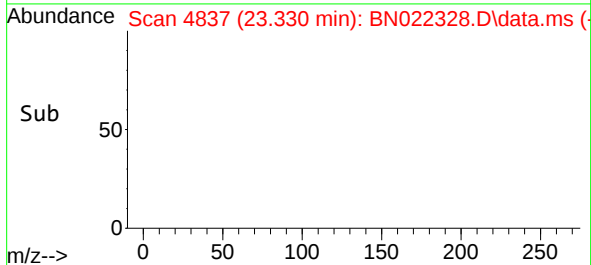
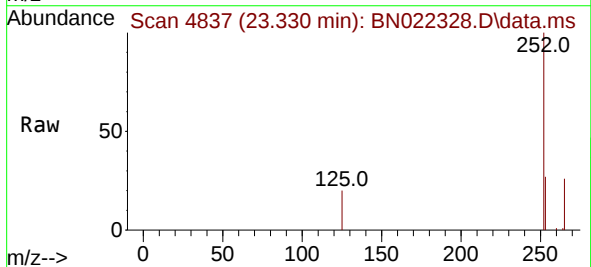


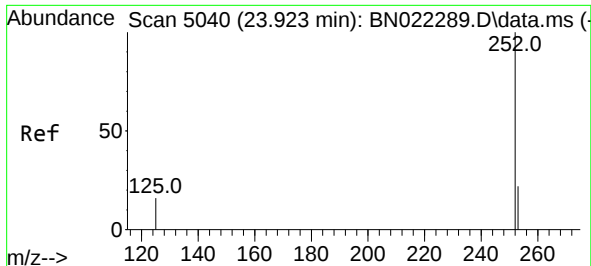
Tgt Ion:252 Resp: 10949
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.0
125 22.7 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. 0.003 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

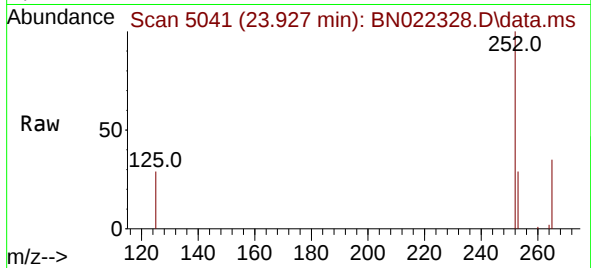
Tgt Ion:252 Resp: 10715
Ion Ratio Lower Upper
252 100
253 26.6 19.7 29.5
125 20.3 14.0 21.0



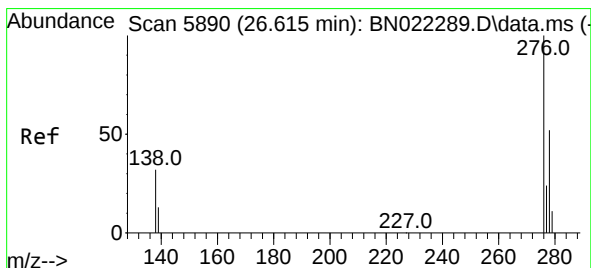
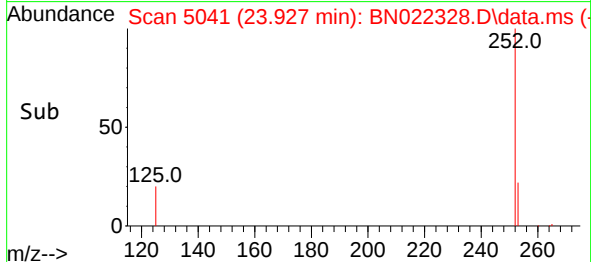
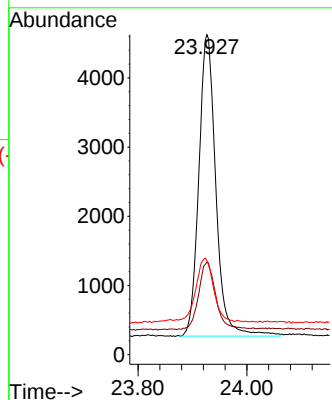


#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.927 min Scan# 5040
Delta R.T. 0.006 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Instrument :
BNA_N
ClientSampleId :

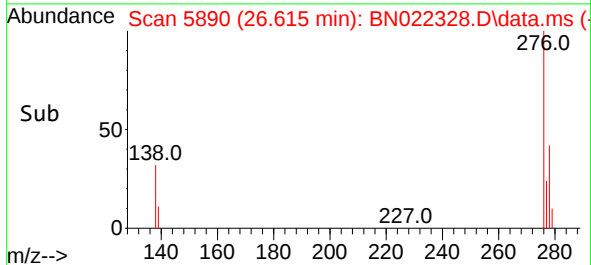
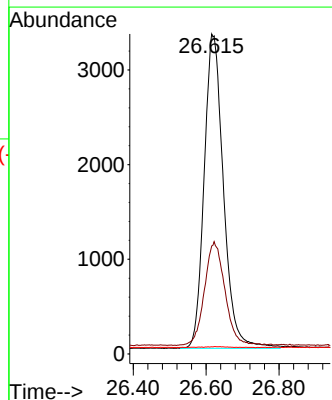
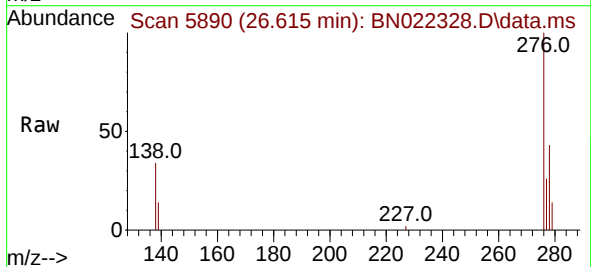


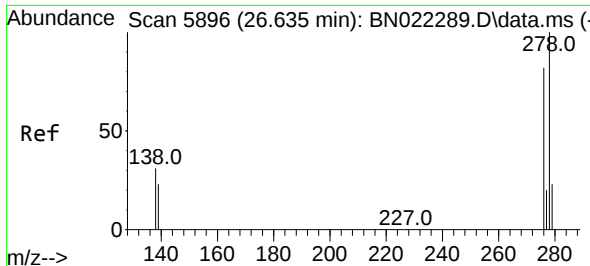
Tgt Ion:252 Resp: 9476
Ion Ratio Lower Upper
252 100
253 28.9 21.0 31.6
125 29.4 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. 0.000 min
Lab File: BN022328.D
Acq: 25 Oct 2022 17:06

Tgt Ion:276 Resp: 12225
Ion Ratio Lower Upper
276 100
138 34.9 27.7 41.5
227 0.0 0.2 0.2#

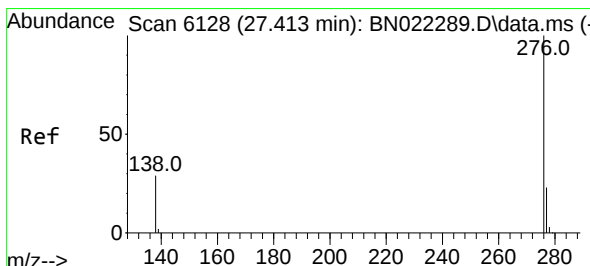
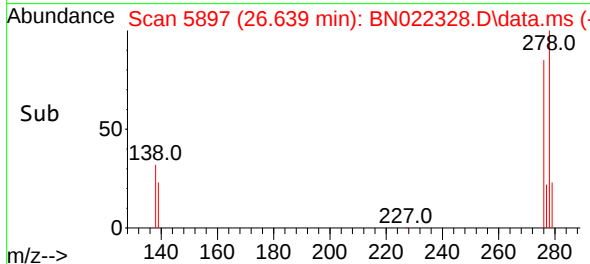
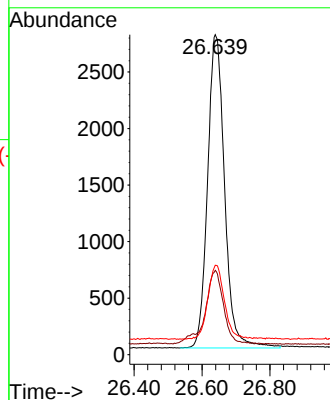
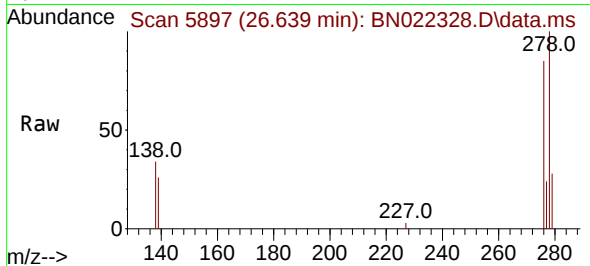




#28
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 26.639 min Scan# 5896
 Delta R.T. 0.000 min
 Lab File: BN022328.D
 Acq: 25 Oct 2022 17:06

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 9639
 Ion Ratio Lower Upper
 278 100
 139 26.3 19.6 29.4
 279 28.0 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.404 ng/ul
 RT: 27.417 min Scan# 6129
 Delta R.T. 0.007 min
 Lab File: BN022328.D
 Acq: 25 Oct 2022 17:06

Tgt Ion:276 Resp: 10080
 Ion Ratio Lower Upper
 276 100
 138 32.0 25.2 37.8
 277 25.2 19.9 29.9

