

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026636.D
 Acq On : 21 Jul 2023 20:09
 Operator : MA/JU
 Sample : 03536-02MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW57MS

Quant Time: Jul 22 00:59:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

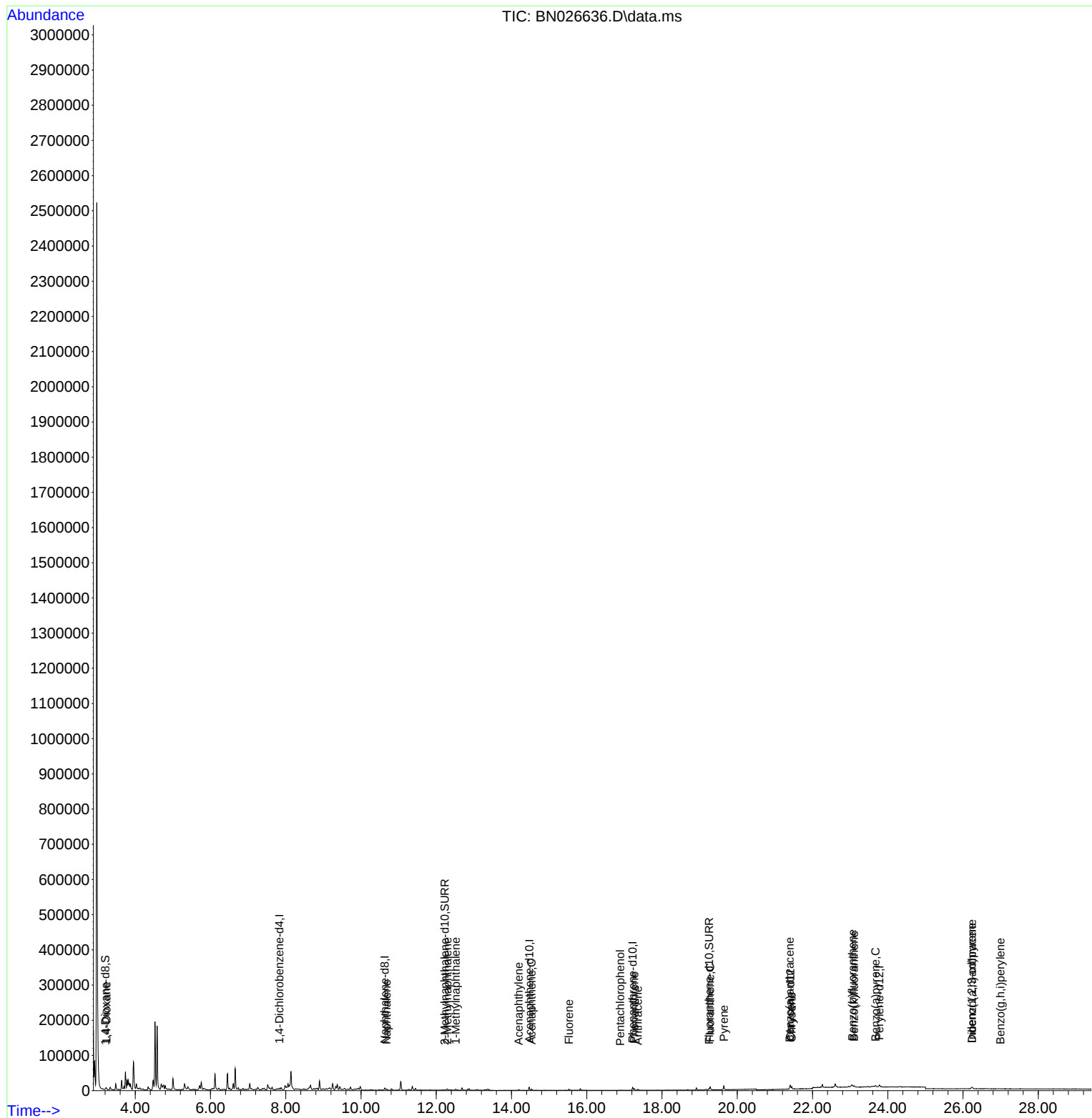
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2741	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9171	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	5495	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	11688	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.411	240	8658	0.400	ng/ul	#-0.01
23) Perylene-d12	23.778	264	8639	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	460	0.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	1522	0.122	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	3912	0.130	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	2011	0.589	ng/ul#	1
5) Naphthalene	10.680	128	4652	0.185	ng/ul#	93
7) 2-Methylnaphthalene	12.297	142	2397	0.168	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	2242	0.146	ng/ul	92
10) Acenaphthylene	14.194	152	2943	0.109	ng/ul#	89
11) Acenaphthene	14.532	153	2646	0.129	ng/ul	99
12) Fluorene	15.526	166	2579	0.120	ng/ul#	96
14) Pentachlorophenol	16.886	266	434	0.147	ng/ul	98
15) Phenanthrene	17.261	178	5820	0.156	ng/ul	96
16) Anthracene	17.359	178	3770	0.117	ng/ul#	90
19) Fluoranthene	19.278	202	8513	0.210	ng/ul#	90
20) Pyrene	19.641	202	10630	0.241	ng/ul#	90
21) Benzo(a)anthracene	21.393	228	6254	0.197	ng/ul#	73
22) Chrysene	21.446	228	6817	0.188	ng/ul#	76
24) Benzo(b)fluoranthene	23.056	252	8655	0.257	ng/ul#	24
25) Benzo(k)fluoranthene	23.103	252	5281	0.150	ng/ul#	24
26) Benzo(a)pyrene	23.673	252	4746	0.158	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.231	276	6161	0.157	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.241	278	4309	0.143	ng/ul#	30
29) Benzo(g,h,i)perylene	26.992	276	919	0.027	ng/ul#	1

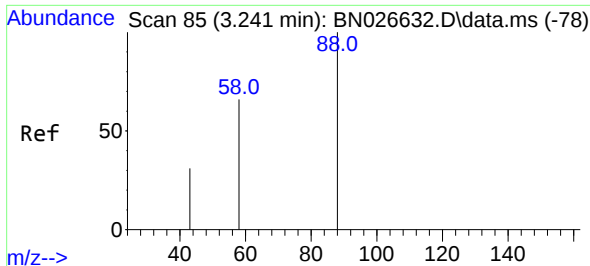
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 00:59:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
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QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

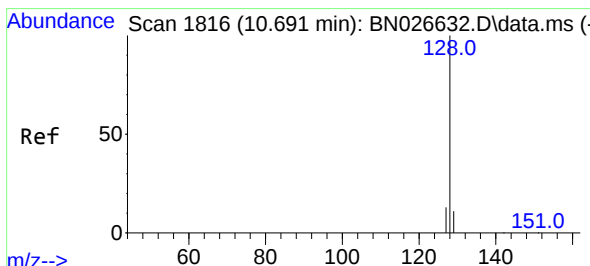
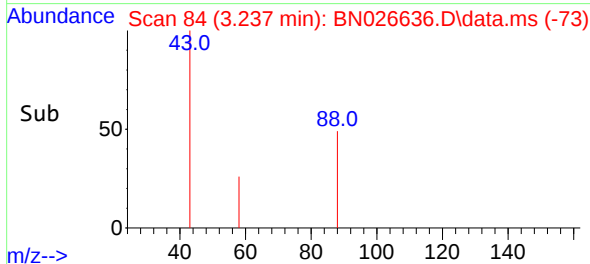
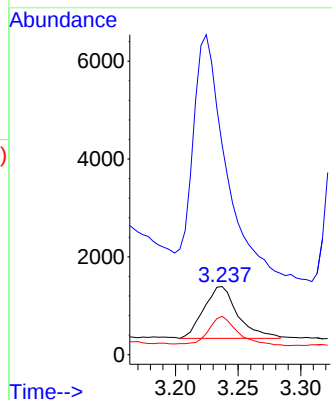
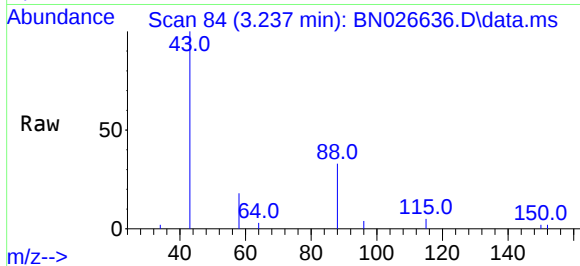




#2
1,4-Dioxane
Concen: 0.589 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.004 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

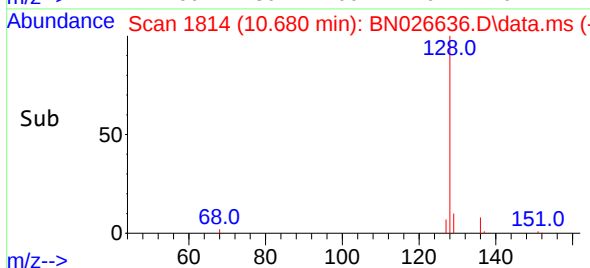
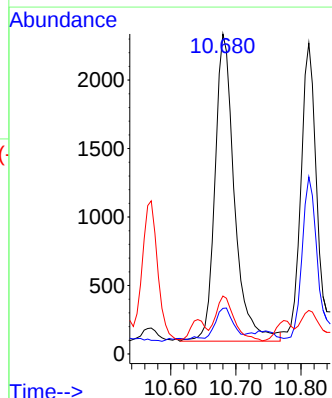
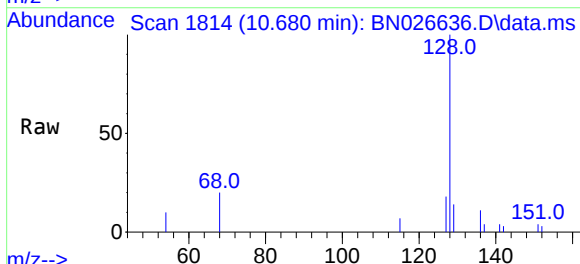
Instrument :
BNA_N
ClientSampleId :
YBW57MS

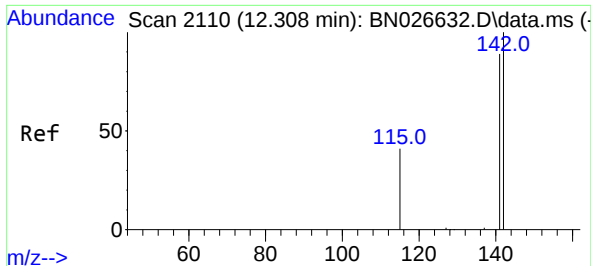
Tgt Ion: 88 Resp: 2011
Ion Ratio Lower Upper
88 100
43 307.5 33.0 49.6#
58 56.3 41.7 62.5



#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion: 128 Resp: 4652
Ion Ratio Lower Upper
128 100
129 14.2 10.2 15.2
127 18.1 11.4 17.0#

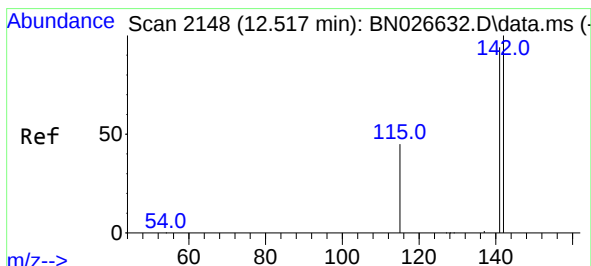
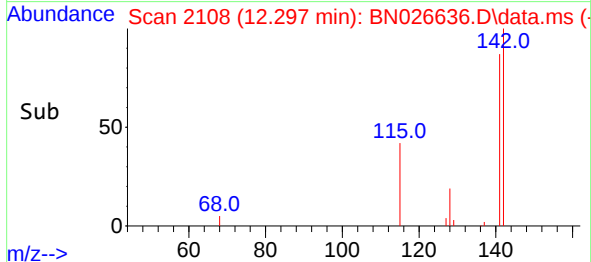
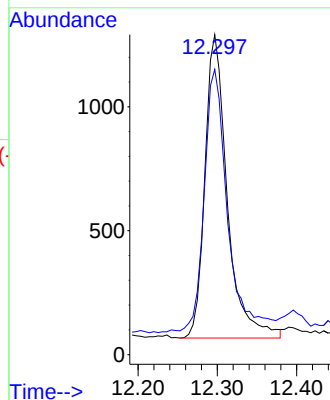
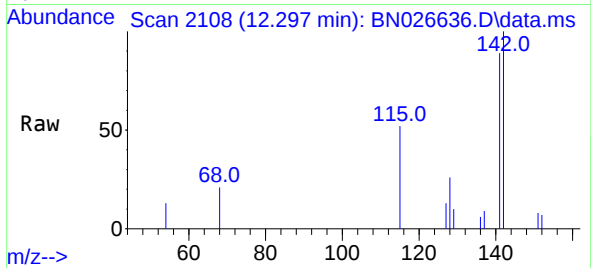




#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.297 min Scan# 2110
Delta R.T. -0.016 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

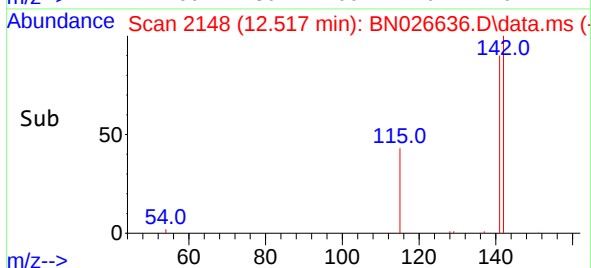
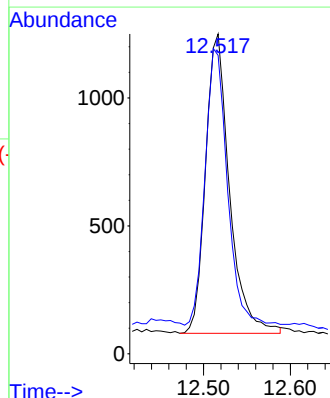
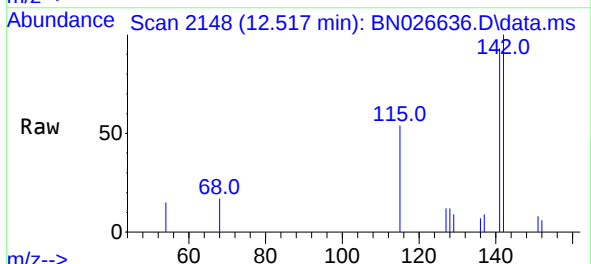
Instrument :
BNA_N
ClientSampleId :
YBW57MS

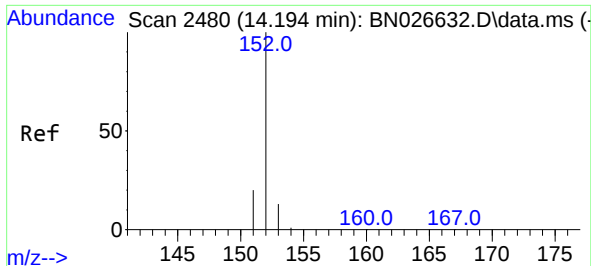
Tgt Ion:142 Resp: 2397
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:142 Resp: 2242
Ion Ratio Lower Upper
142 100
141 85.7 74.5 111.7

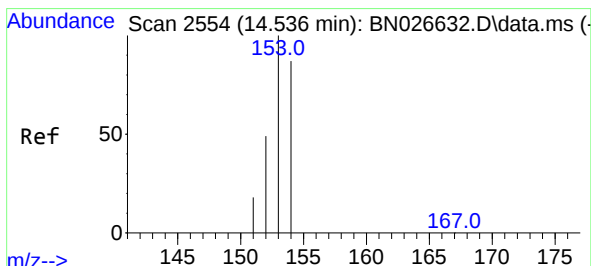
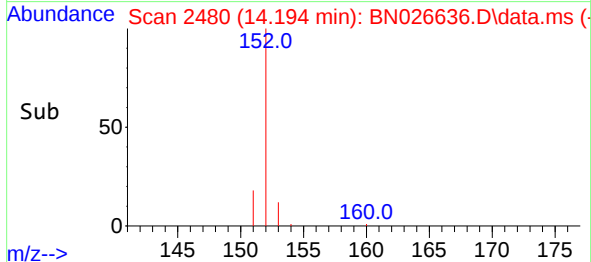
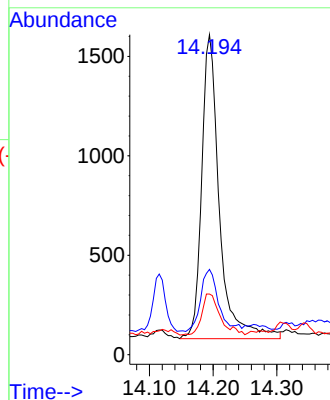
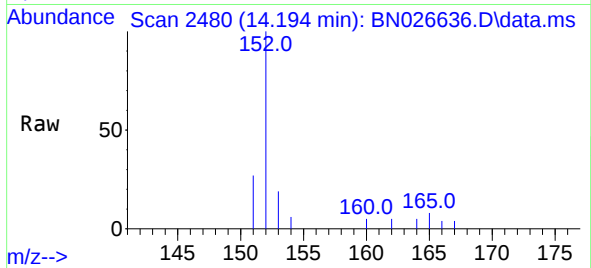




#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

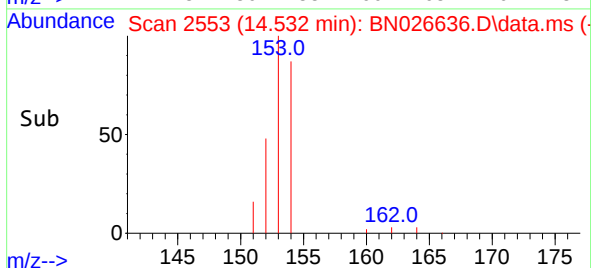
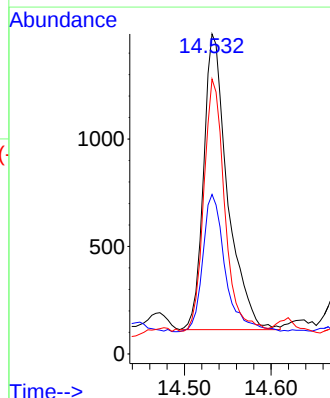
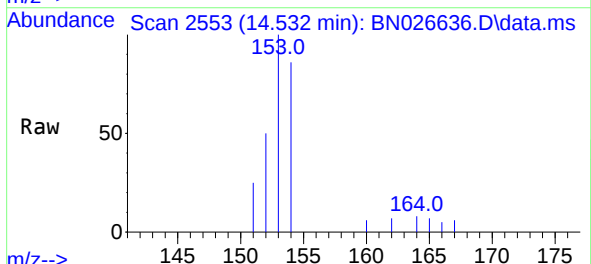
Instrument :
BNA_N
ClientSampleId :
YBW57MS

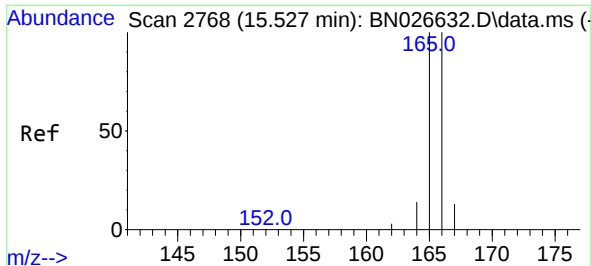
Tgt Ion:152 Resp: 2943
Ion Ratio Lower Upper
152 100
151 26.7 17.0 25.6#
153 19.0 11.4 17.2#



#11
Acenaphthene
Concen: 0.129 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:153 Resp: 2646
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 85.9 69.3 103.9

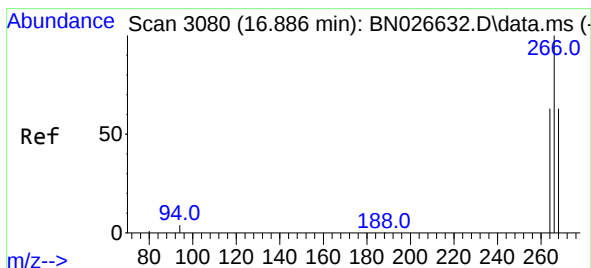
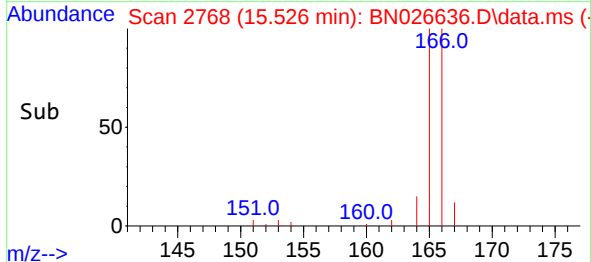
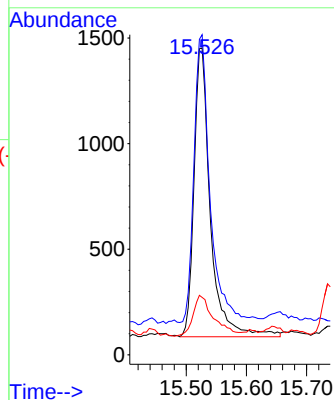
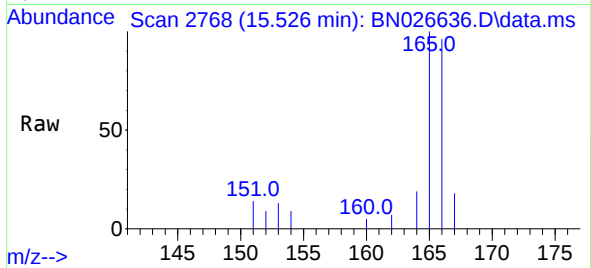




#12
Fluorene
Concen: 0.120 ng/ul
RT: 15.526 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

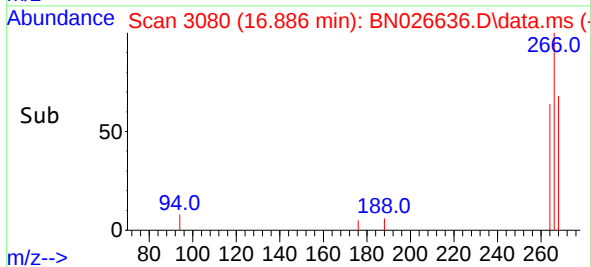
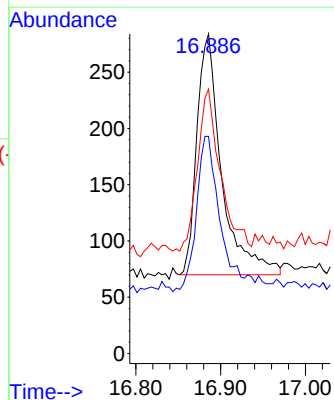
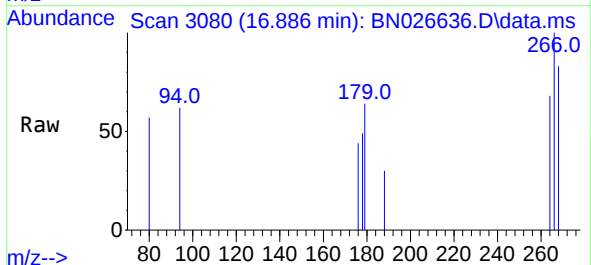
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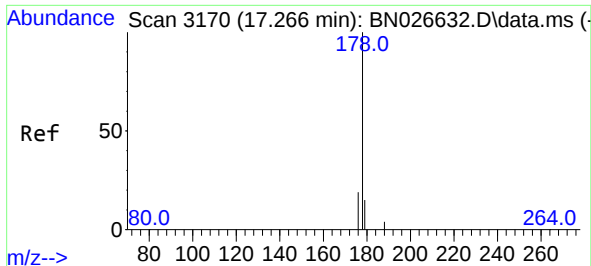
Tgt Ion:166 Resp: 2579
Ion Ratio Lower Upper
166 100
165 104.3 80.6 120.8
167 18.7 12.0 18.0#



#14
Pentachlorophenol
Concen: 0.147 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:266 Resp: 434
Ion Ratio Lower Upper
266 100
264 64.5 52.0 78.0
268 63.6 53.0 79.6

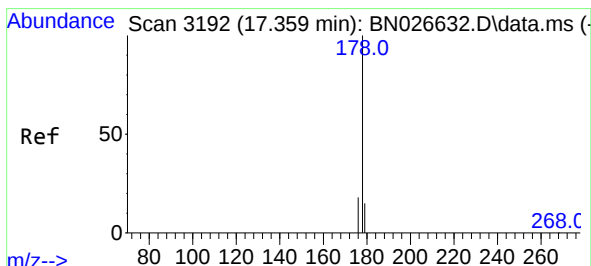
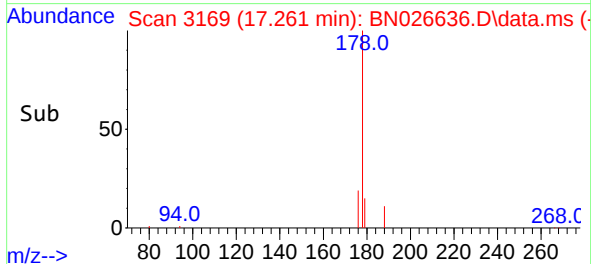
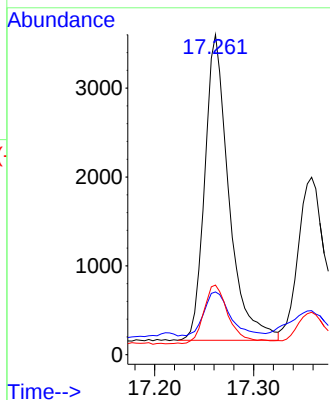
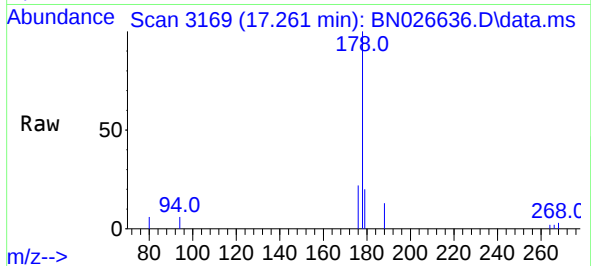




#15
Phenanthrene
Concen: 0.156 ng/ul
RT: 17.261 min Scan# 3170
Delta R.T. -0.004 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

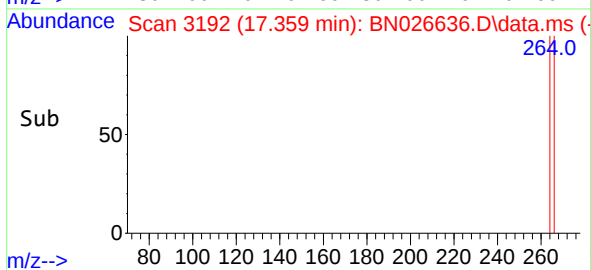
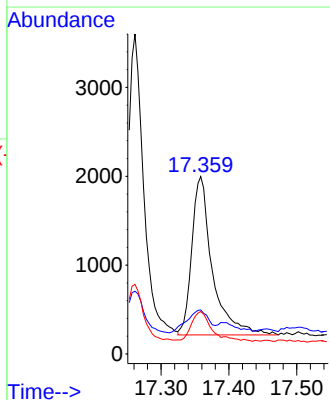
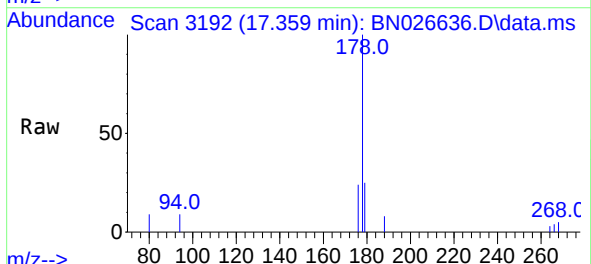
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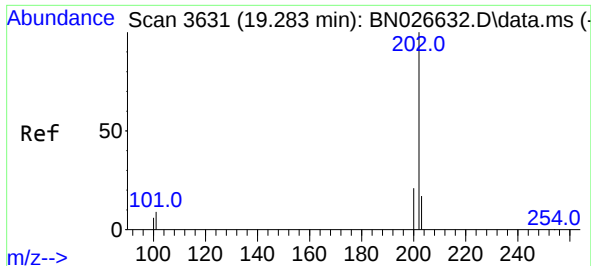
Tgt Ion:178	Resp:	5820
Ion Ratio	Lower	Upper
178	100	
179	19.6	13.7 20.5
176	21.7	16.5 24.7



#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.359 min Scan# 3192
Delta R.T. -0.004 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:178	Resp:	3770
Ion Ratio	Lower	Upper
178	100	
179	24.8	14.8 22.2#
176	23.9	16.6 25.0

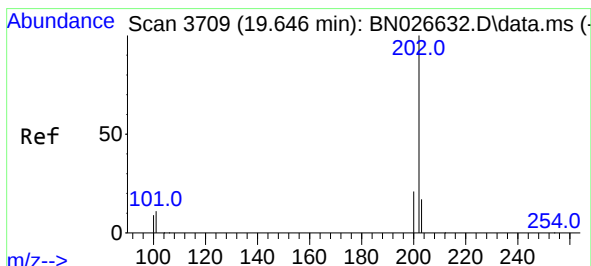
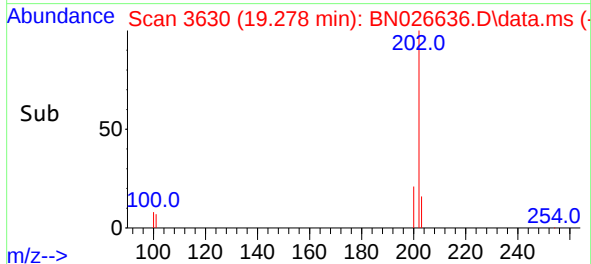
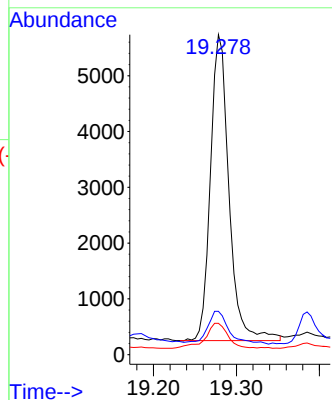
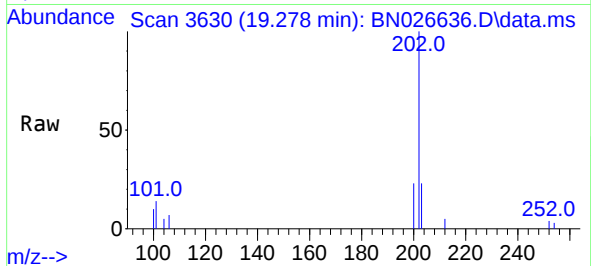




#19
Fluoranthene
Concen: 0.210 ng/ul
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

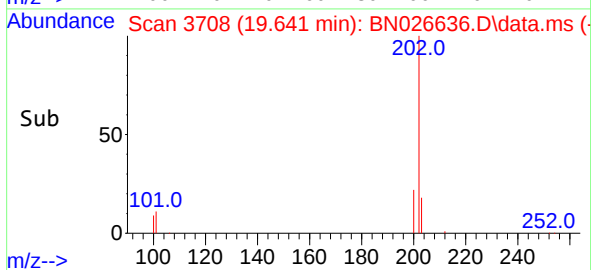
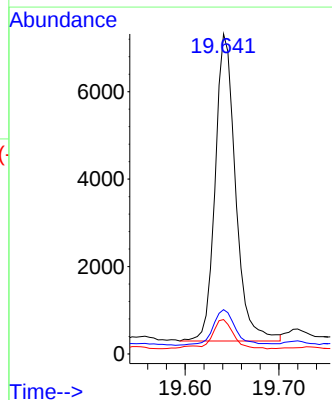
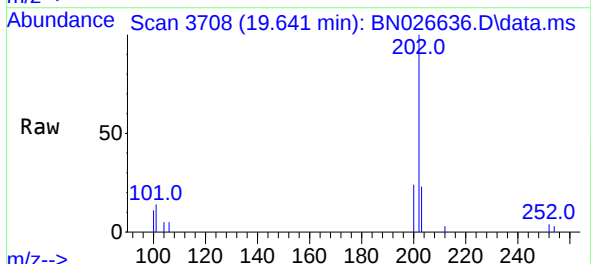
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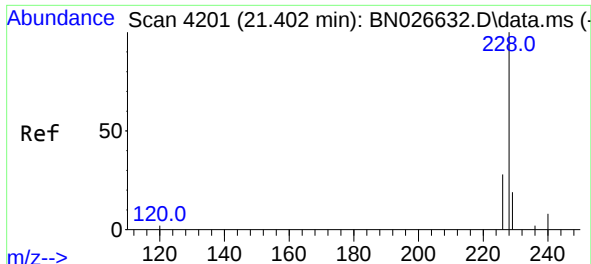
Tgt Ion:202 Resp: 8513
Ion Ratio Lower Upper
202 100
101 13.5 7.0 10.4#
100 9.8 6.0 9.0#



#20
Pyrene
Concen: 0.241 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:202 Resp: 10630
Ion Ratio Lower Upper
202 100
101 13.8 8.0 12.0#
100 10.8 6.2 9.2#

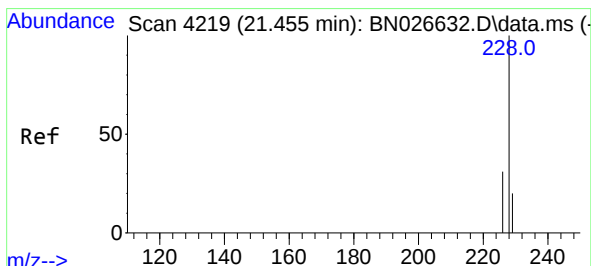
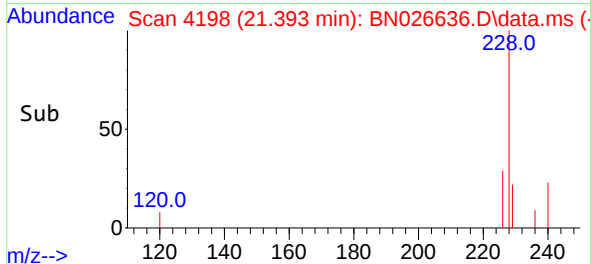
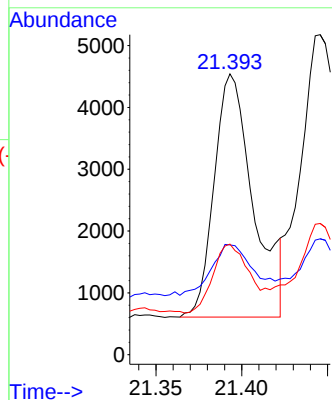
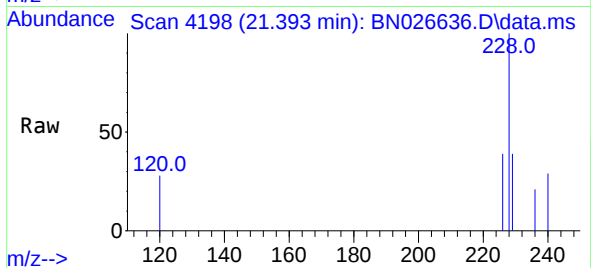




#21
Benzo(a)anthracene
Concen: 0.197 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.017 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

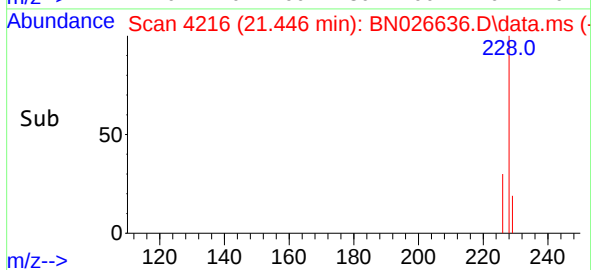
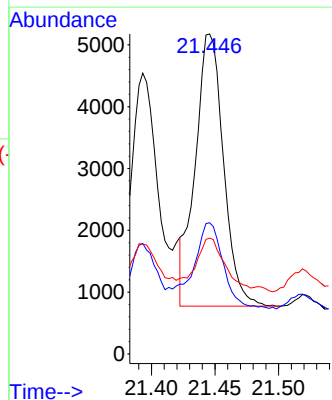
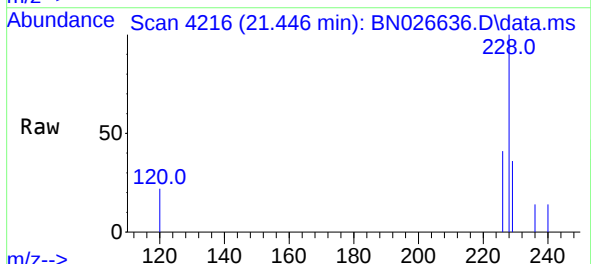
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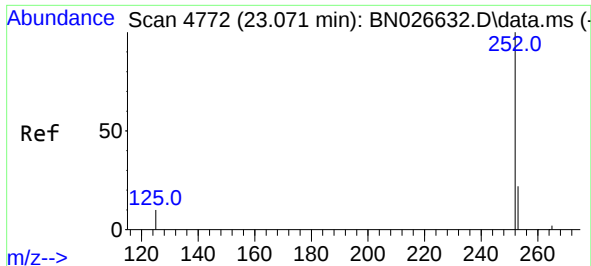
Tgt Ion:228 Resp: 6254
Ion Ratio Lower Upper
228 100
229 39.1 16.7 25.1#
226 39.4 23.5 35.3#



#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.017 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

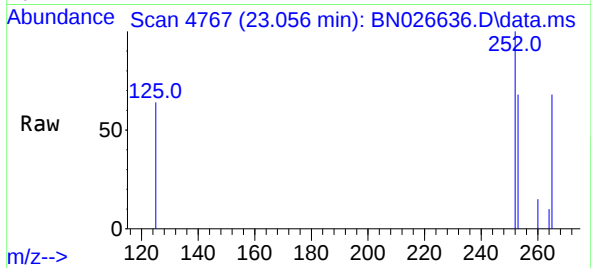
Tgt Ion:228 Resp: 6817
Ion Ratio Lower Upper
228 100
226 41.0 25.2 37.8#
229 36.2 16.4 24.6#



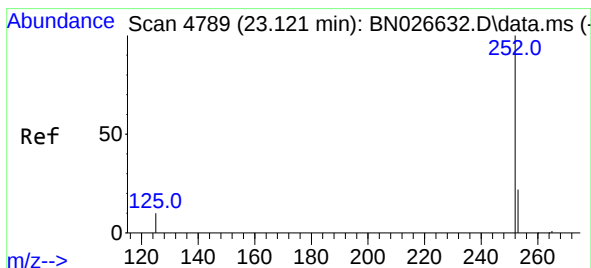
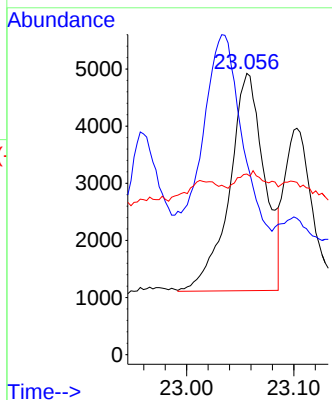


#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.056 min Scan# 4767
Delta R.T. -0.023 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Instrument :
BNA_N
ClientSampleId :
YBW57MS

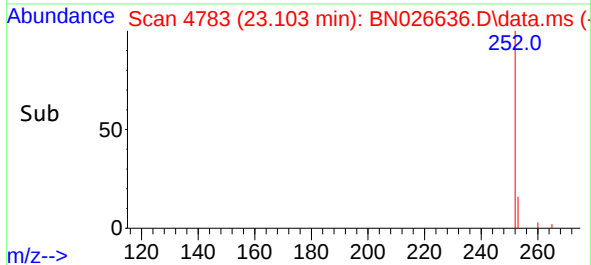
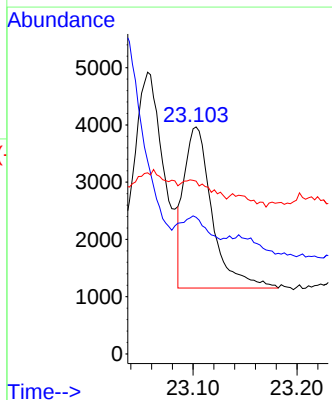
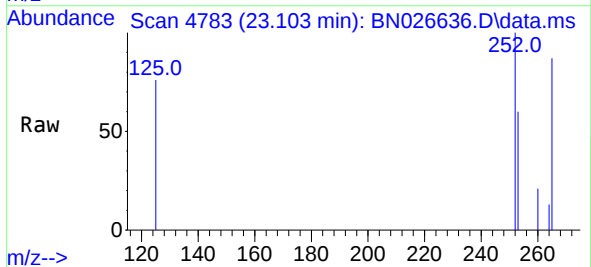


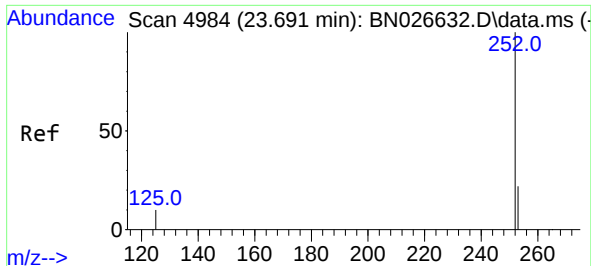
Tgt Ion:252 Resp: 8655
Ion Ratio Lower Upper
252 100
253 68.5 0.0 68.6
125 64.2 0.0 34.0#



#25
Benzo(k)fluoranthene
Concen: 0.150 ng/ul
RT: 23.103 min Scan# 4783
Delta R.T. -0.026 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:252 Resp: 5281
Ion Ratio Lower Upper
252 100
253 60.2 27.2 40.8#
125 76.1 13.4 20.2#

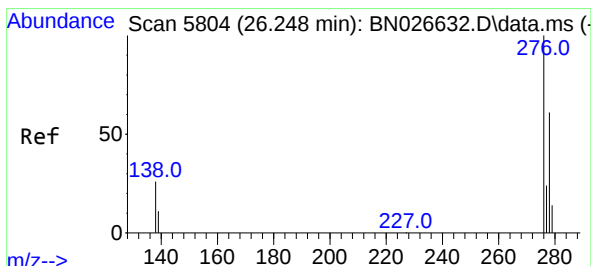
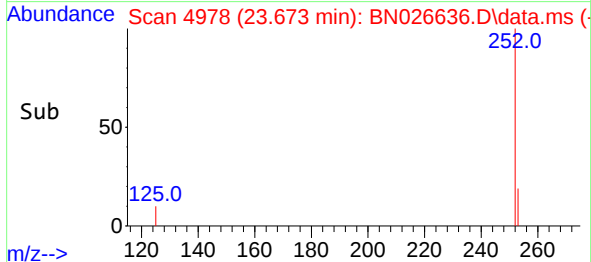
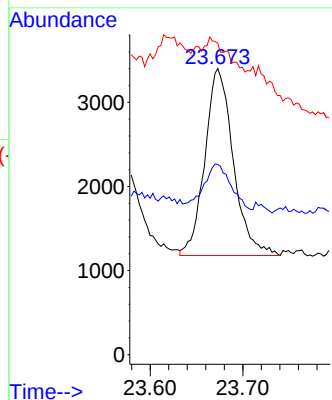
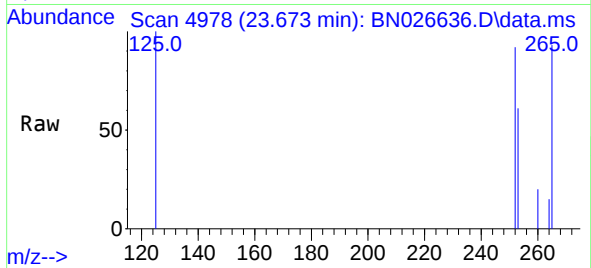




#26
Benzo(a)pyrene
Concen: 0.158 ng/ul
RT: 23.673 min Scan# 4984
Delta R.T. -0.023 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

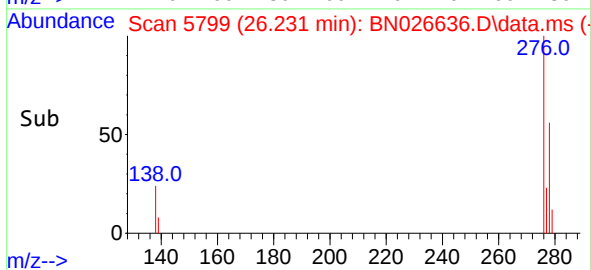
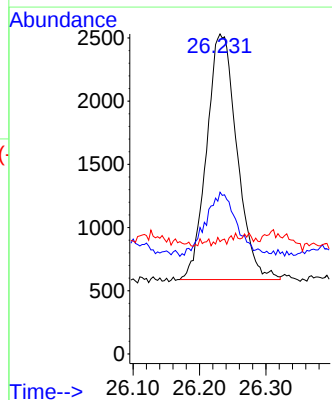
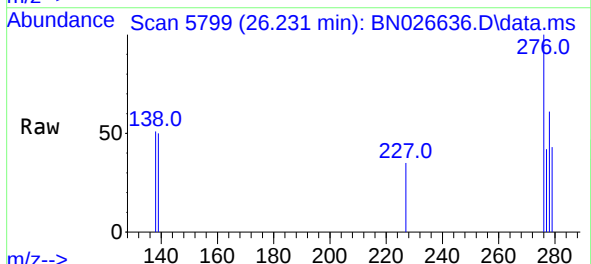
Instrument :
BNA_N
ClientSampleId :
YBW57MS

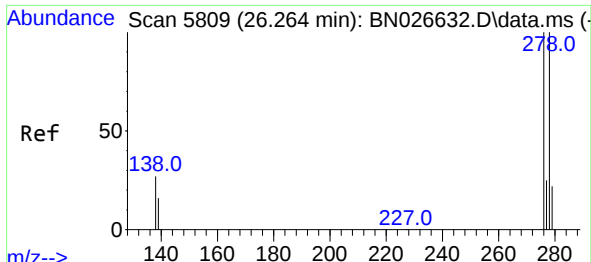
Tgt Ion:252 Resp: 4746
Ion Ratio Lower Upper
252 100
253 66.5 32.6 49.0#
125 108.8 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 26.231 min Scan# 5799
Delta R.T. -0.027 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:276 Resp: 6161
Ion Ratio Lower Upper
276 100
138 27.1 22.2 33.4
227 0.7 0.1 0.1#

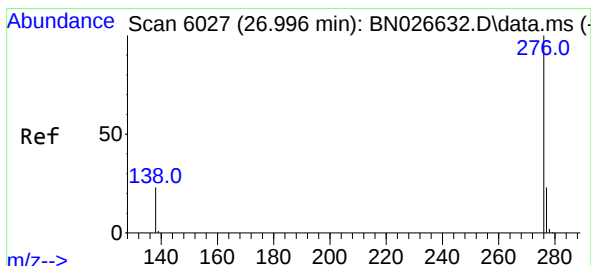
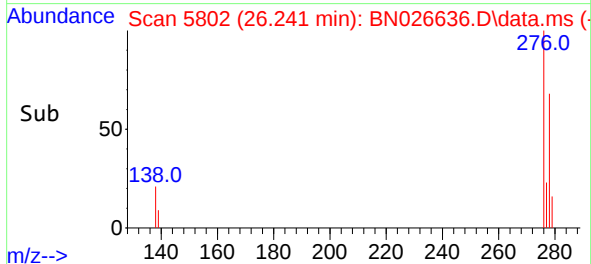
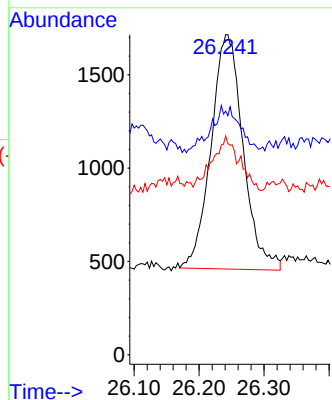
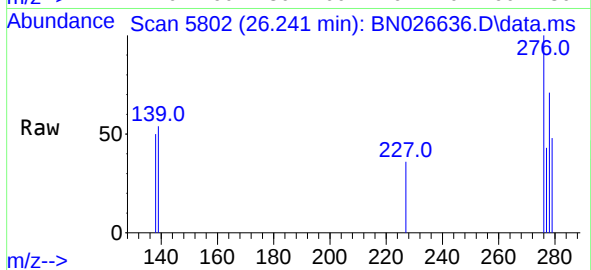




#28
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 26.241 min Scan# 5809
Delta R.T. -0.033 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Instrument :
BNA_N
ClientSampleId :
YBW57MS

Tgt Ion:278 Resp: 4309
Ion Ratio Lower Upper
278 100
139 76.1 18.9 28.3#
279 68.3 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.992 min Scan# 6026
Delta R.T. -0.020 min
Lab File: BN026636.D
Acq: 21 Jul 2023 20:09

Tgt Ion:276 Resp: 919
Ion Ratio Lower Upper
276 100
138 93.4 22.6 34.0#
277 75.1 21.8 32.8#

