

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023343.D
 Acq On : 22 Dec 2022 17:29
 Operator : CG/JU
 Sample : N6003-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 23:54:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

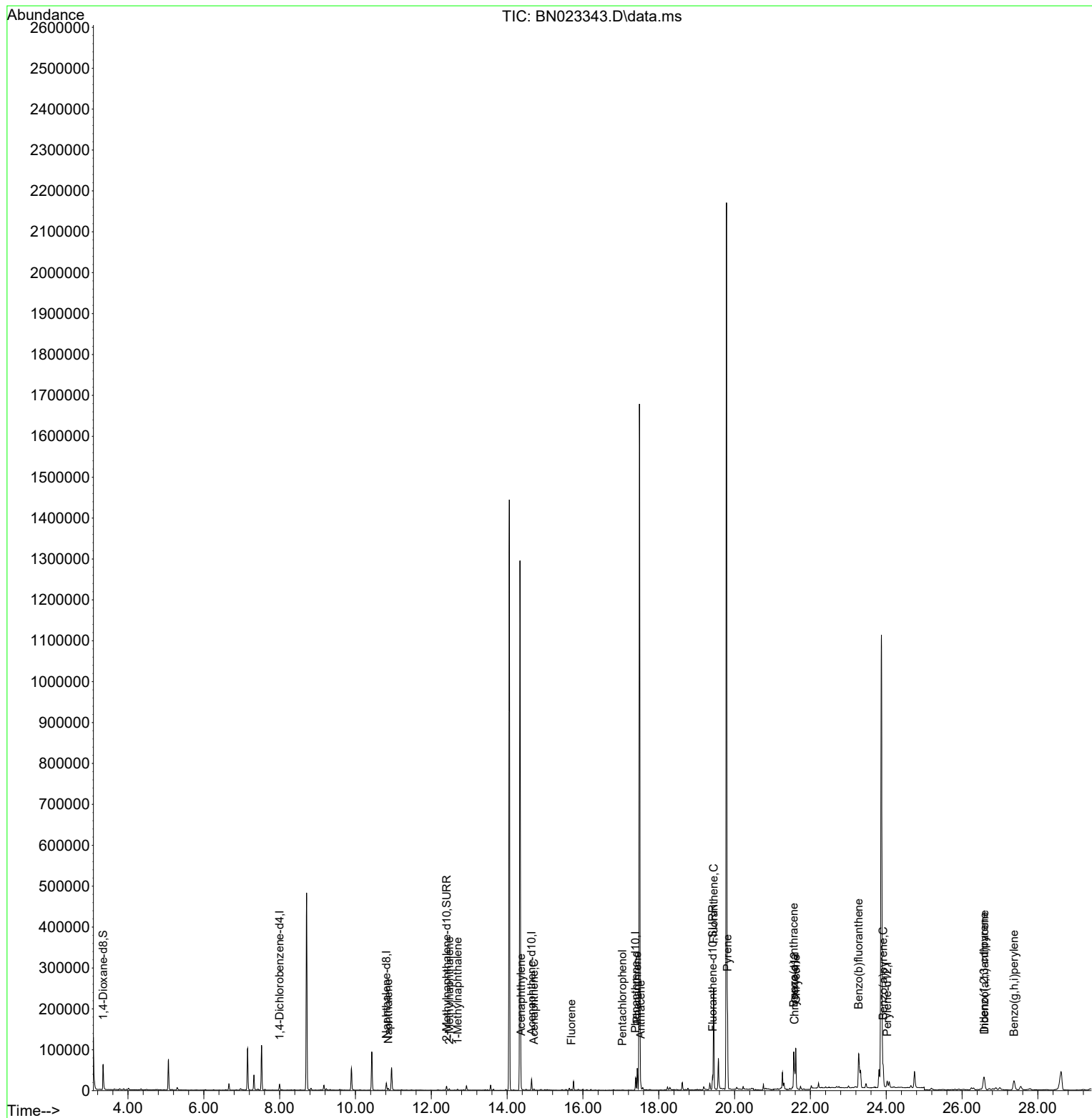
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	22844	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	13981	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33116	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	26702	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	21708	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	40711	5.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	11988	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	30784	0.319	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	5519	0.082	ng/ul#	95
7) 2-Methylnaphthalene	12.476	142	2373	0.055	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	1689	0.038	ng/ul	98
10) Acenaphthylene	14.368	152	7371	0.119	ng/ul	97
11) Acenaphthene	14.705	153	1456	0.028	ng/ul	98
12) Fluorene	15.695	166	1395	0.024	ng/ul#	94
14) Pentachlorophenol	17.040	266	367	0.040	ng/ul	97
15) Phenanthrene	17.432	178	53516	0.496	ng/ul	100
16) Anthracene	17.525	178	9425	0.105	ng/ul	97
19) Fluoranthene	19.448	202	190850	1.473	ng/ul#	92
20) Pyrene	19.815	202	141816	1.086	ng/ul	97
21) Benzo(a)anthracene	21.560	228	75229	0.724	ng/ul	97
22) Chrysene	21.616	228	101056	0.956	ng/ul#	96
24) Benzo(b)fluoranthene	23.273	252	186719	1.663	ng/ul	99
26) Benzo(a)pyrene	23.919	252	69159	0.778	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.577	276	54225	0.523	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.590	278	13154	0.163	ng/ul#	80
29) Benzo(g,h,i)perylene	27.372	276	45981	0.544	ng/ul#	84

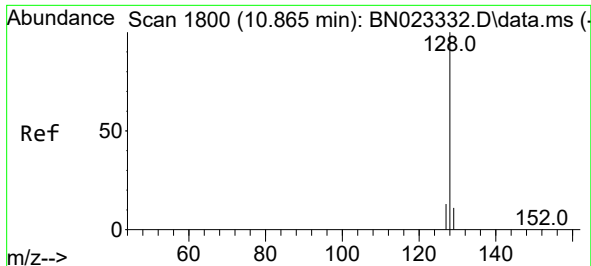
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:54:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

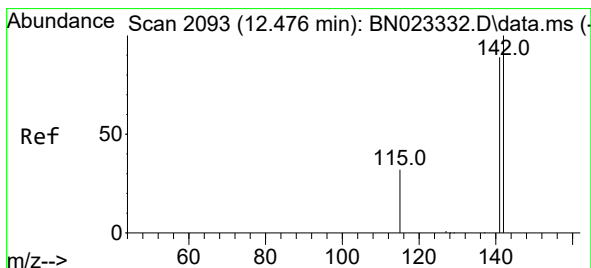
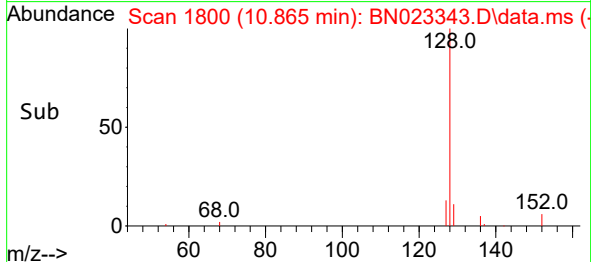
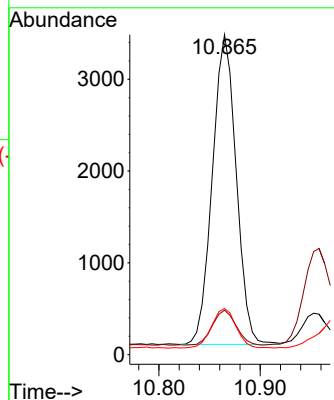
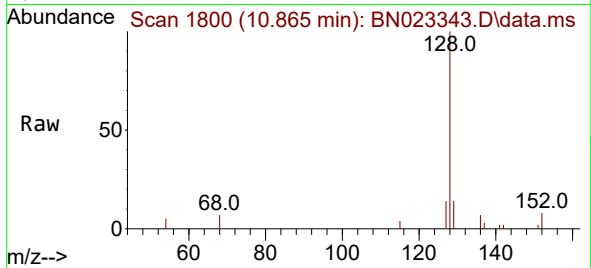




#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

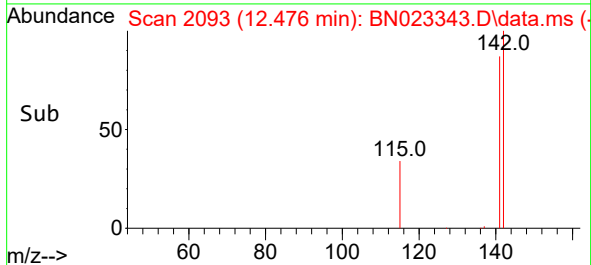
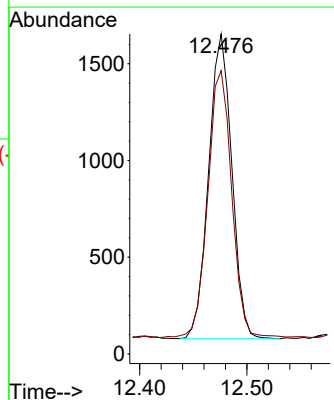
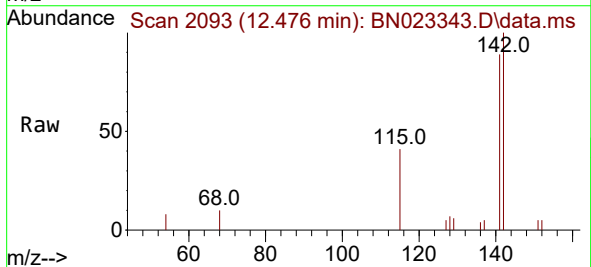
Instrument :
BNA_N
ClientSampleId :

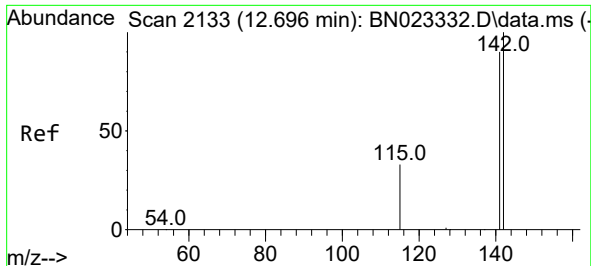
Tgt Ion:128 Resp: 5519
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.4#
127 14.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

Tgt Ion:142 Resp: 2373
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2

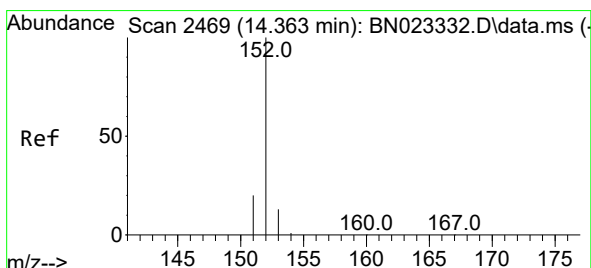
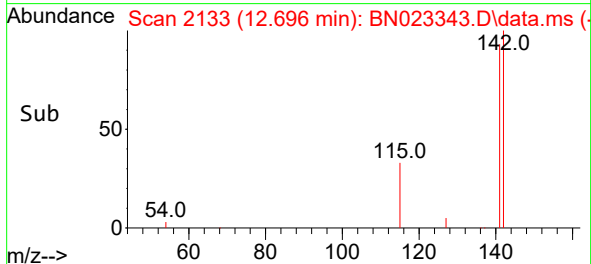
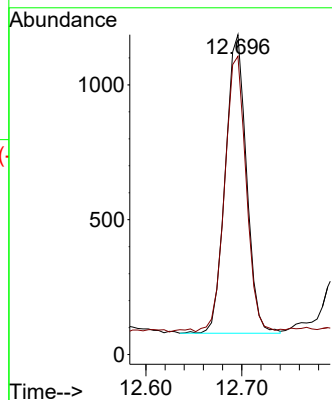
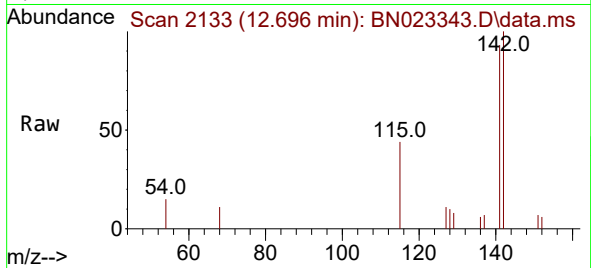




#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

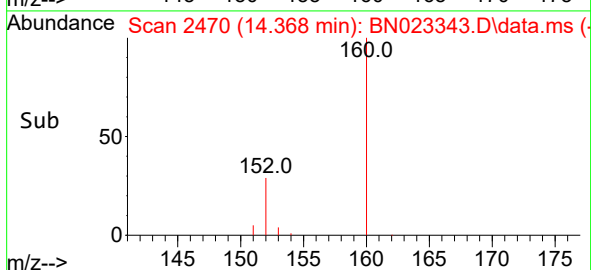
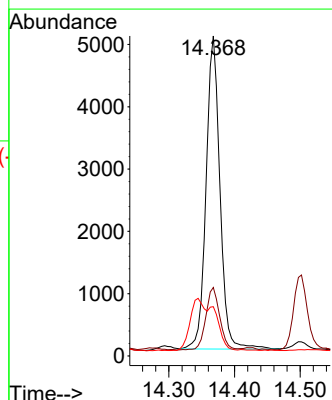
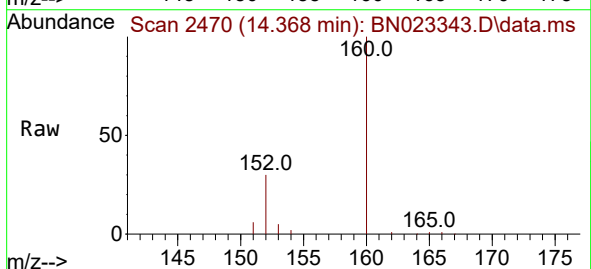
Instrument :
BNA_N
ClientSampleId :

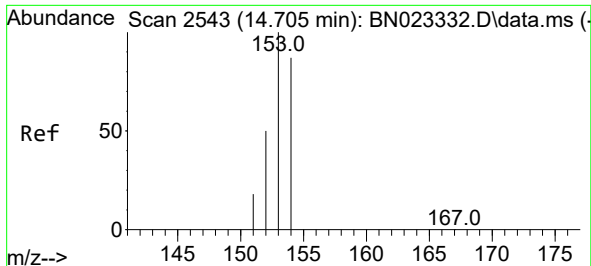
Tgt Ion:142 Resp: 1689
Ion Ratio Lower Upper
142 100
141 94.7 74.0 111.0



#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

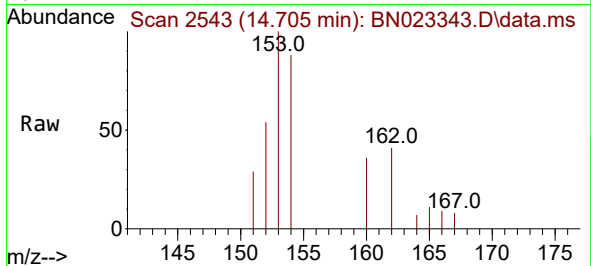
Tgt Ion:152 Resp: 7371
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 15.4 10.9 16.3



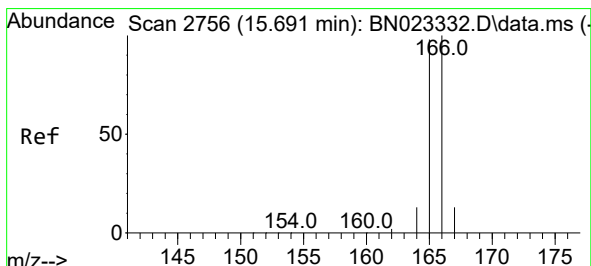
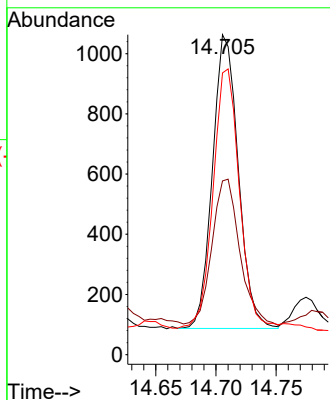
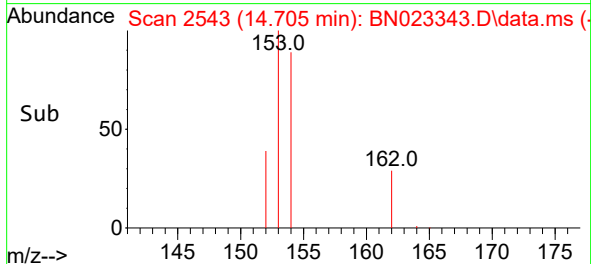


#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

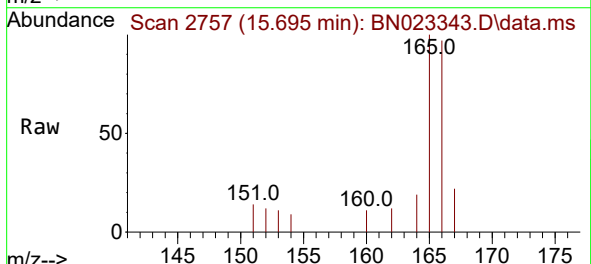
Instrument :
BNA_N
ClientSampleId :



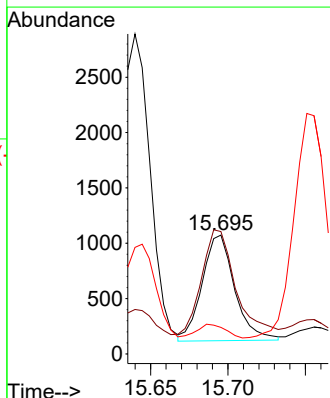
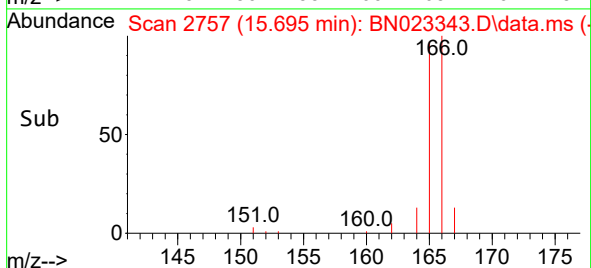
Tgt Ion:153 Resp: 1456
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.4
154 88.1 69.5 104.3

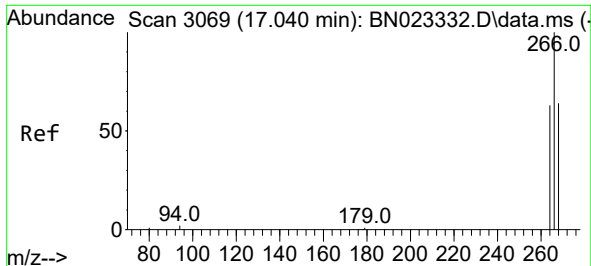


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29



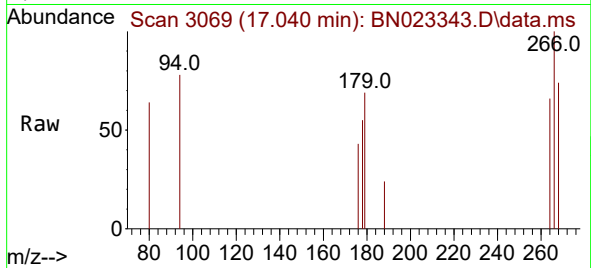
Tgt Ion:166 Resp: 1395
Ion Ratio Lower Upper
166 100
165 103.0 79.1 118.7
167 22.3 11.0 16.4#



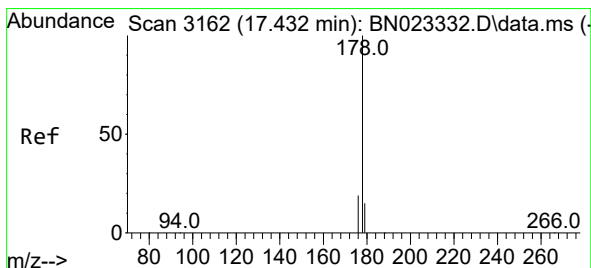
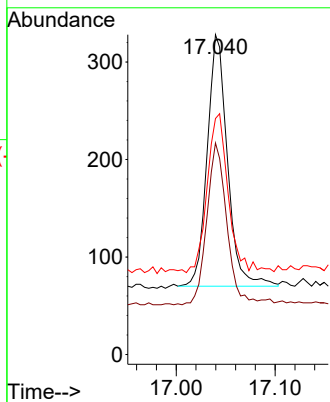
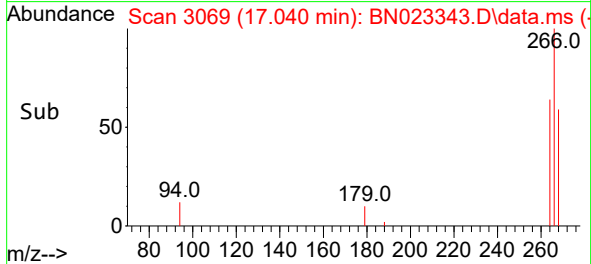


#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

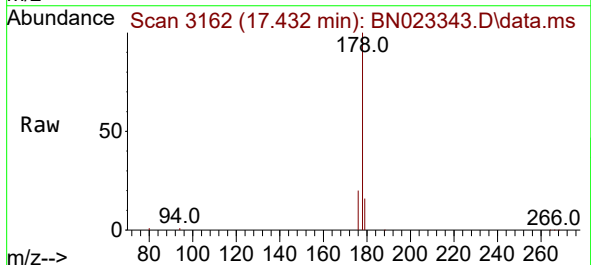
Instrument :
BNA_N
ClientSampleId :



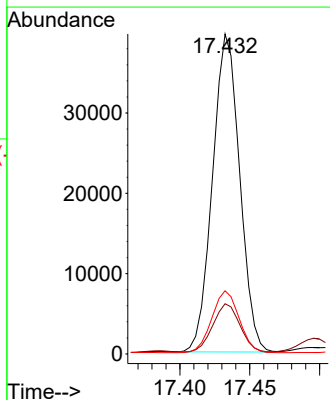
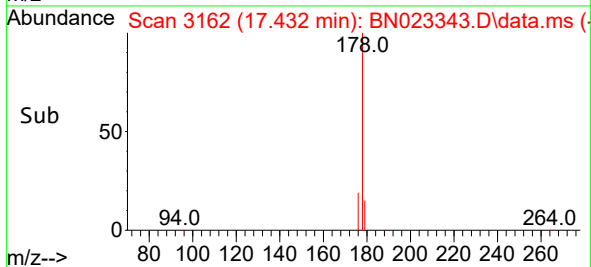
Tgt Ion:266 Resp: 367
Ion Ratio Lower Upper
266 100
264 65.1 49.8 74.6
268 65.9 51.4 77.0

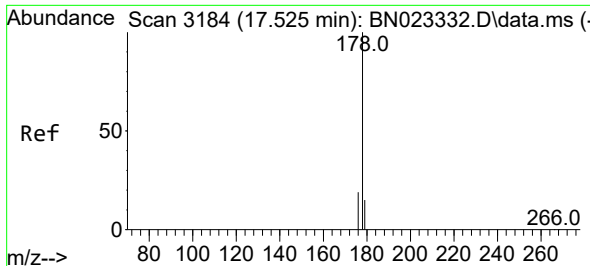


#15
Phenanthrene
Concen: 0.496 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29



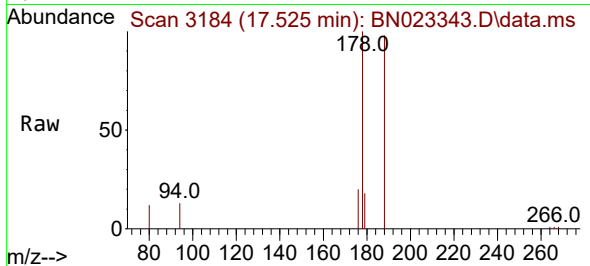
Tgt Ion:178 Resp: 53516
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.8 15.7 23.5



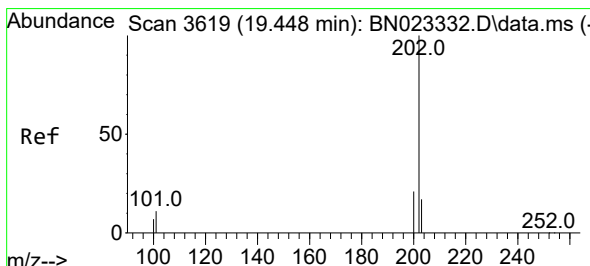
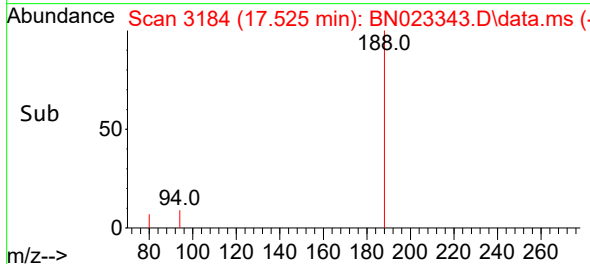
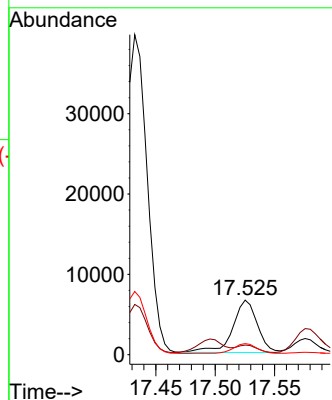


#16
 Anthracene
 Concen: 0.105 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023343.D
 Acq: 22 Dec 2022 17:29

Instrument :
 BNA_N
 ClientSampleId :

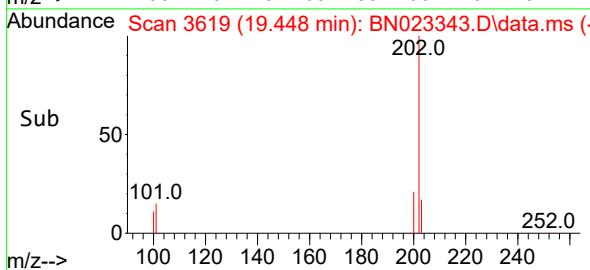
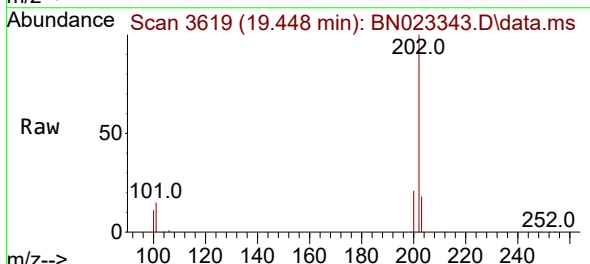
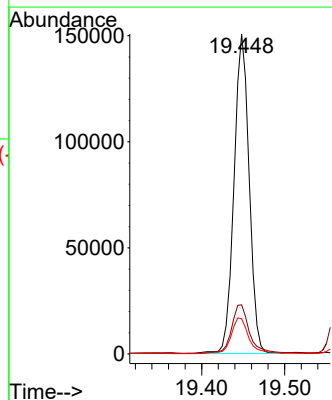


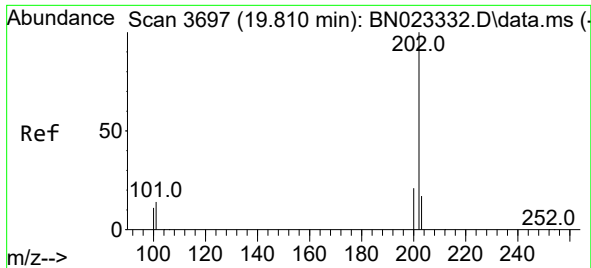
Tgt Ion:178 Resp: 9425
 Ion Ratio Lower Upper
 178 100
 179 17.7 12.6 18.8
 176 20.3 15.4 23.0



#19
 Fluoranthene
 Concen: 1.473 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023343.D
 Acq: 22 Dec 2022 17:29

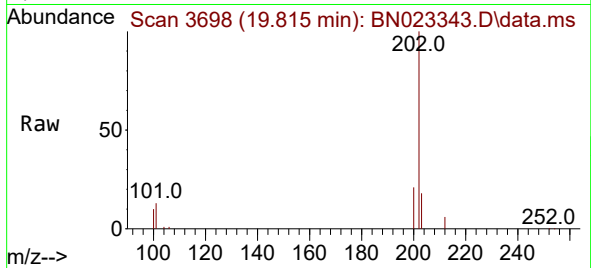
Tgt Ion:202 Resp: 190850
 Ion Ratio Lower Upper
 202 100
 101 15.4 9.4 14.2#
 100 11.0 7.0 10.6#



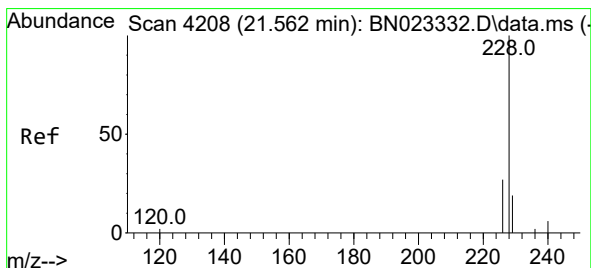
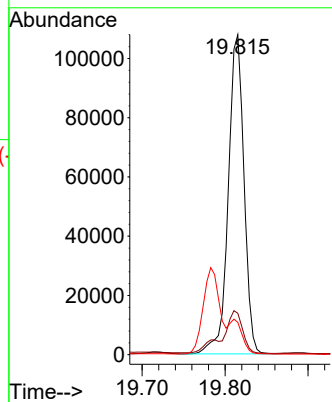
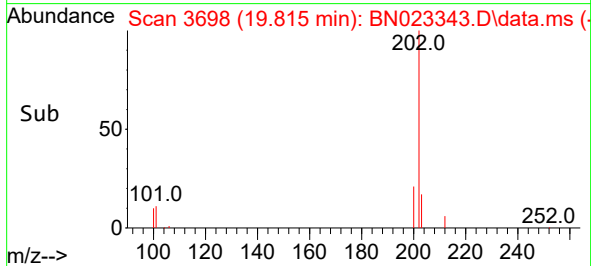


#20
Pyrene
Concen: 1.086 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

Instrument :
BNA_N
ClientSampleId :

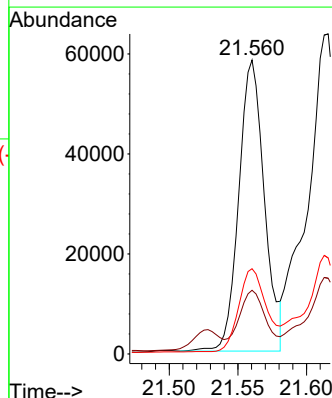
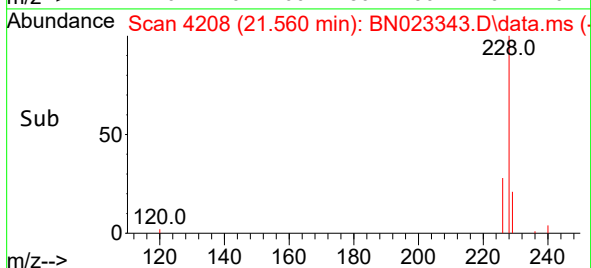
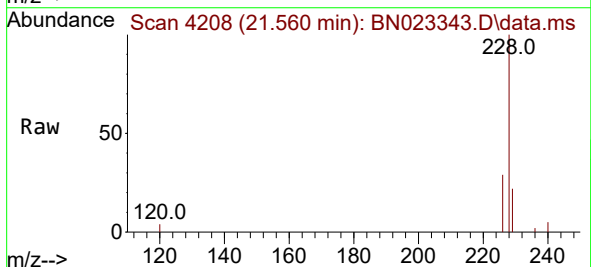


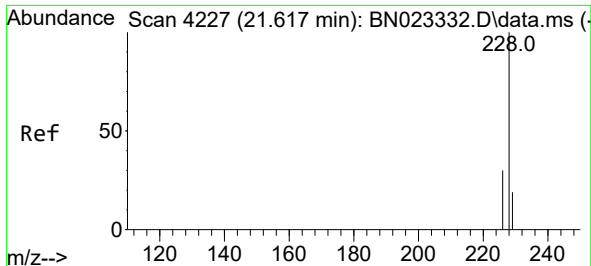
Tgt Ion:202 Resp: 141816
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.1 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.724 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

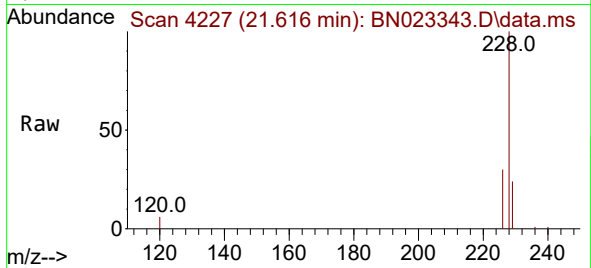
Tgt Ion:228 Resp: 75229
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.0 22.2 33.2



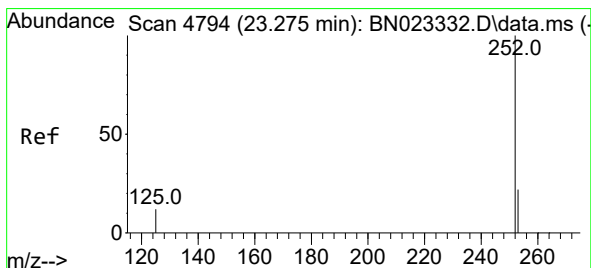
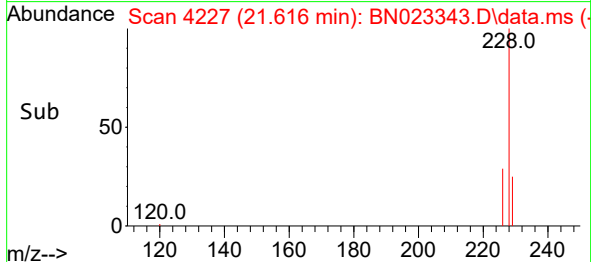
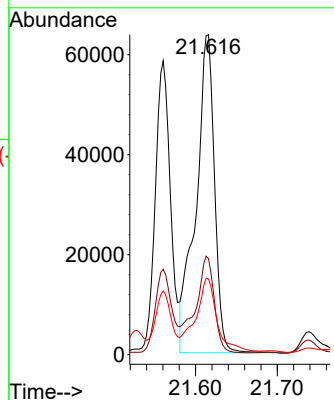


#22
Chrysene
Concen: 0.956 ng/ul
RT: 21.616 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

Instrument :
BNA_N
ClientSampleId :

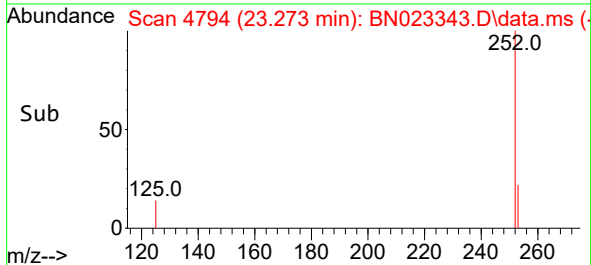
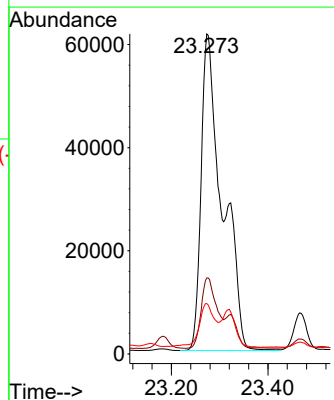
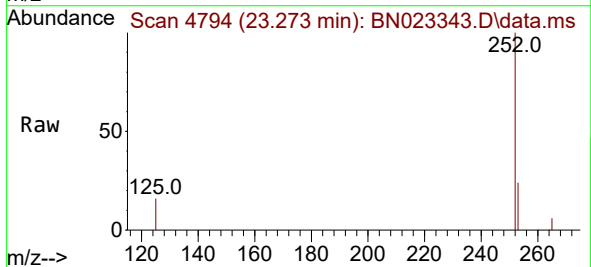


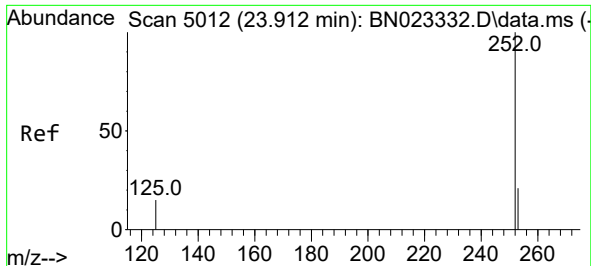
Tgt Ion:228 Resp: 101056
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 23.6 15.8 23.6#



#24
Benzo(b)fluoranthene
Concen: 1.663 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

Tgt Ion:252 Resp: 186719
Ion Ratio Lower Upper
252 100
253 23.8 0.0 49.2
125 15.8 0.0 31.8

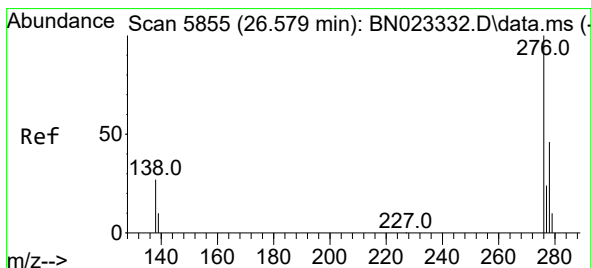
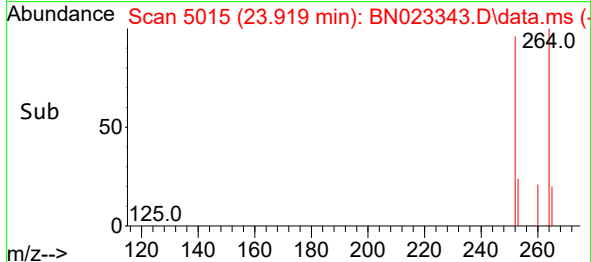
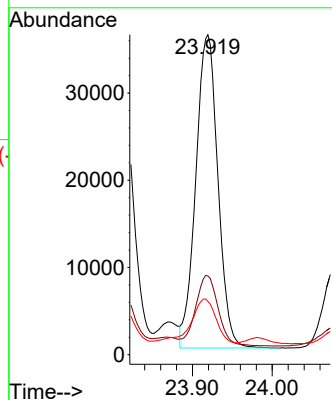
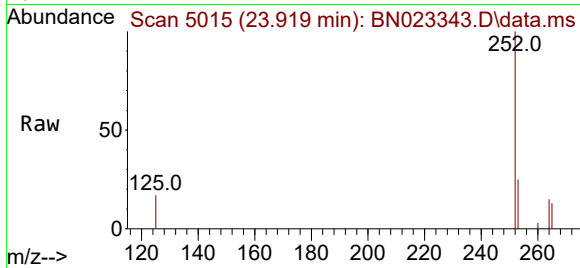




#26
Benzo(a)pyrene
Concen: 0.778 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

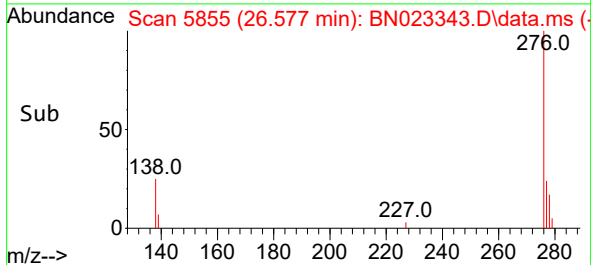
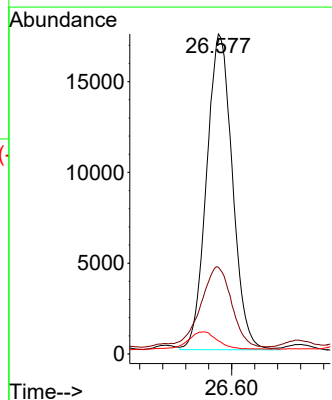
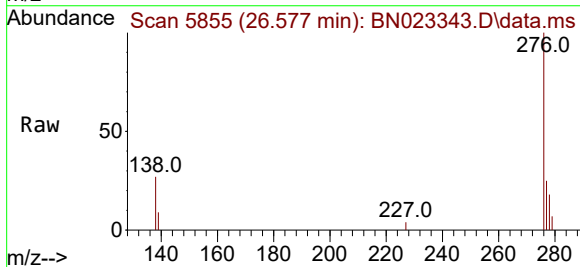
Instrument :
BNA_N
ClientSampleId :

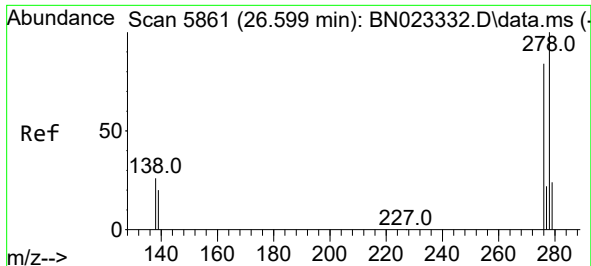
Tgt Ion:252 Resp: 69159
Ion Ratio Lower Upper
252 100
253 24.6 21.4 32.2
125 16.7 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023343.D
Acq: 22 Dec 2022 17:29

Tgt Ion:276 Resp: 54225
Ion Ratio Lower Upper
276 100
138 29.9 23.4 35.2
227 0.0 0.0 0.0

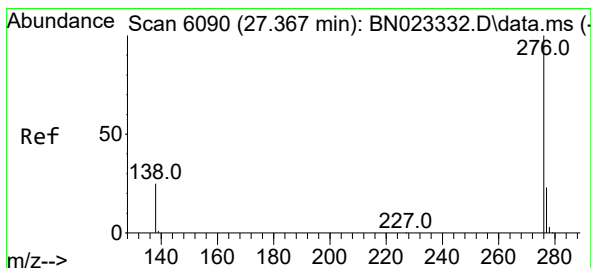
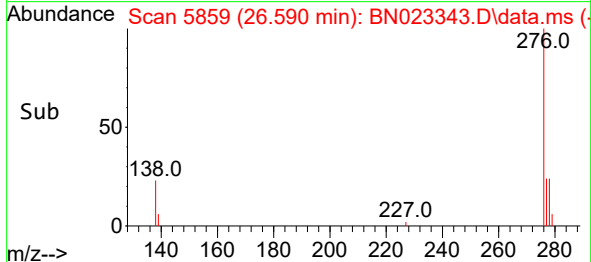
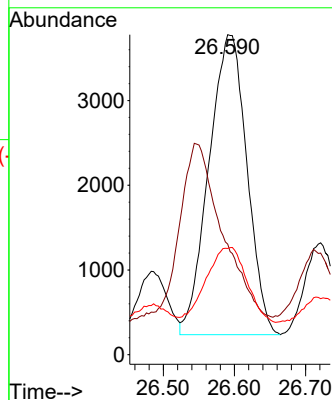
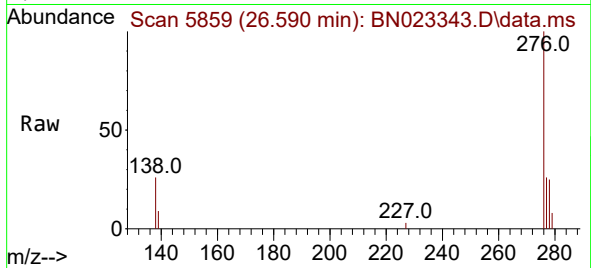




#28
 Dibenzo(a,h)anthracene
 Concen: 0.163 ng/ul
 RT: 26.590 min Scan# 5859
 Delta R.T. -0.011 min
 Lab File: BN023343.D
 Acq: 22 Dec 2022 17:29

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 13154
 Ion Ratio Lower Upper
 278 100
 139 34.6 16.6 24.8#
 279 33.2 21.3 31.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.544 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.003 min
 Lab File: BN023343.D
 Acq: 22 Dec 2022 17:29

Tgt Ion:276 Resp: 45981
 Ion Ratio Lower Upper
 276 100
 138 41.2 20.3 30.5#
 277 24.7 19.7 29.5

