

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027832.D
 Acq On : 22 Sep 2023 19:42
 Operator : MA/JU
 Sample : 04387-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Quant Time: Sep 23 03:49:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

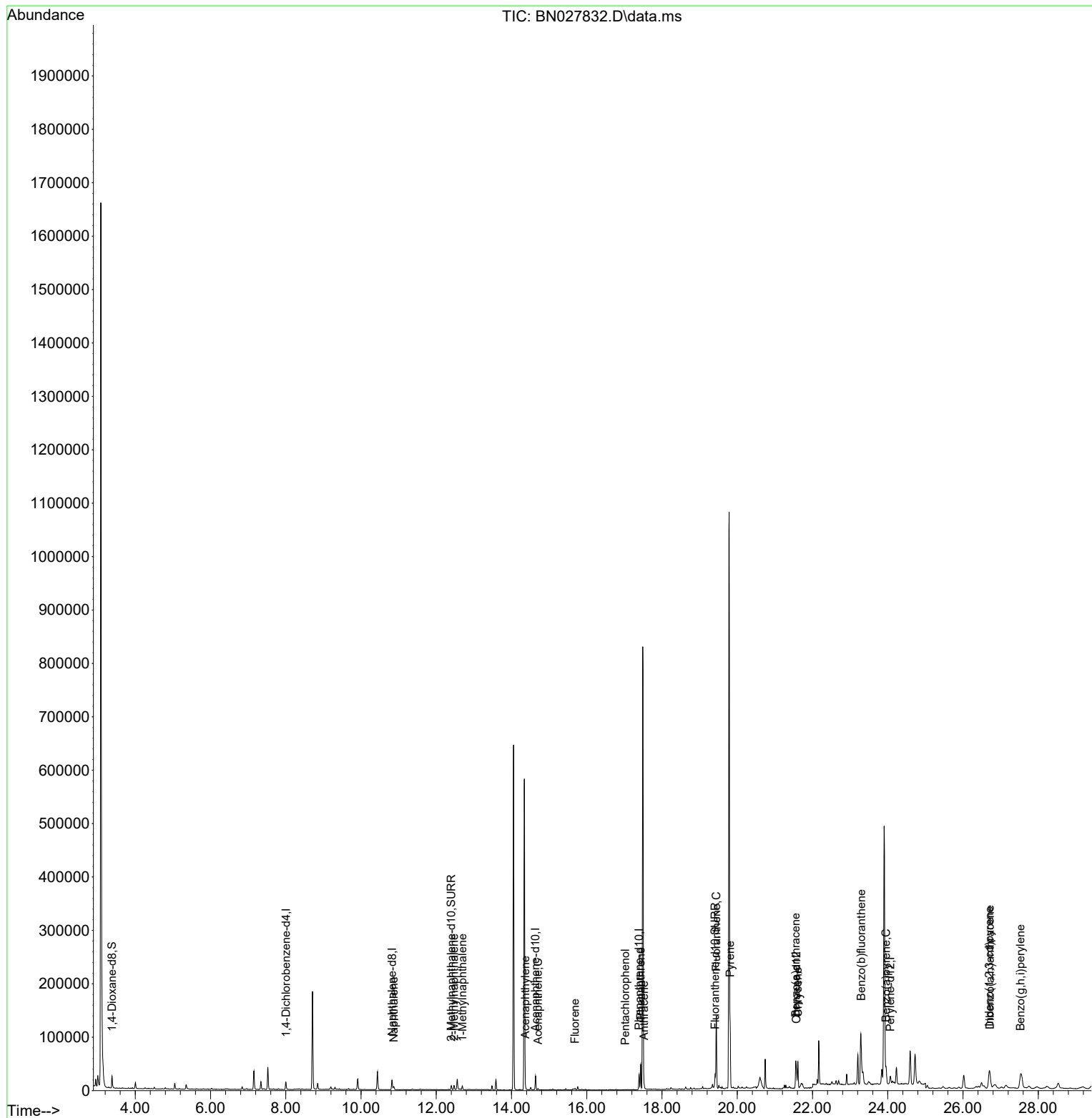
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	7099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	23869	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	14407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	32872	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	24257	0.400	ng/ul	# 0.00
23) Perylene-d12	24.070	264	21635	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	15270	1.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9553	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	24421	0.330	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	6184	0.091	ng/ul#	95
7) 2-Methylnaphthalene	12.473	142	5687	0.131	ng/ul	99
8) 1-Methylnaphthalene	12.692	142	4809	0.108	ng/ul	99
10) Acenaphthylene	14.370	152	4449	0.071	ng/ul#	92
11) Acenaphthene	14.703	153	1417	0.026	ng/ul#	88
12) Fluorene	15.688	166	1823	0.028	ng/ul#	91
14) Pentachlorophenol	17.025	266	292	0.038	ng/ul#	75
15) Phenanthrene	17.434	178	48540	0.470	ng/ul	99
16) Anthracene	17.527	178	6874	0.079	ng/ul#	90
19) Fluoranthene	19.445	202	115297	1.175	ng/ul	100
20) Pyrene	19.813	202	97038	0.960	ng/ul	97
21) Benzo(a)anthracene	21.554	228	43483	0.463	ng/ul	97
22) Chrysene	21.612	228	54250	0.559	ng/ul	98
24) Benzo(b)fluoranthene	23.296	252	101622	1.054	ng/ul#	1
26) Benzo(a)pyrene	23.956	252	41879	0.540	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.696	276	40293	0.405	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.720	278	12022	0.150	ng/ul#	1
29) Benzo(g,h,i)perylene	27.525	276	42114	0.499	ng/ul#	76

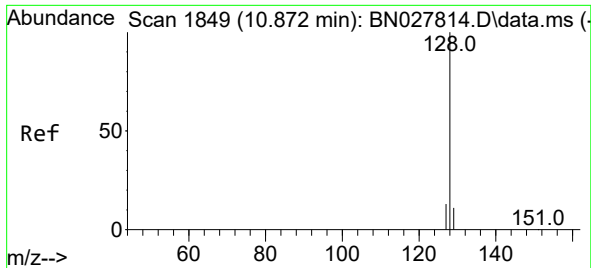
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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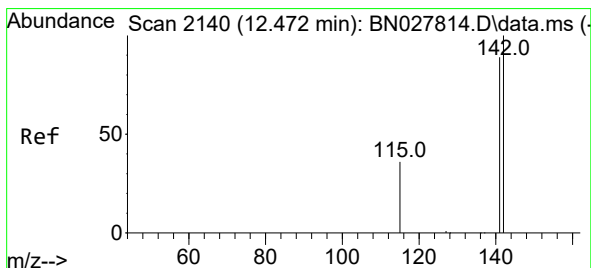
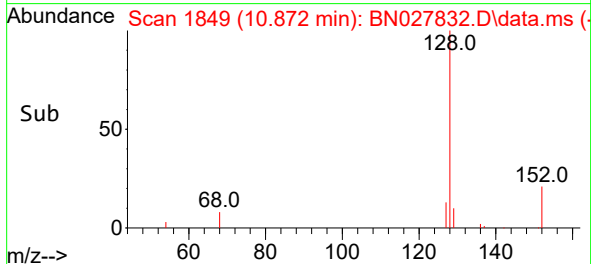
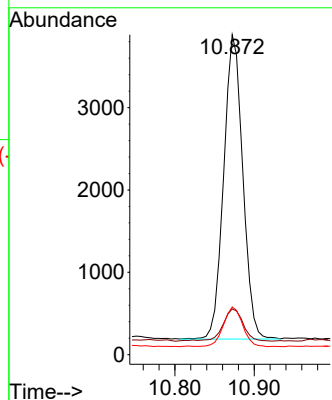
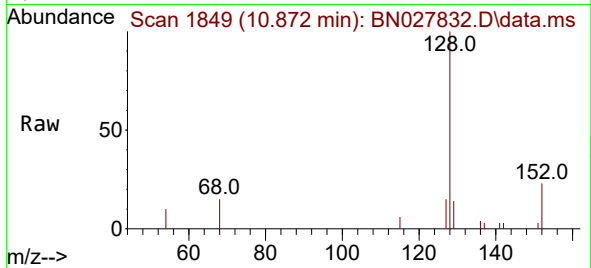




#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

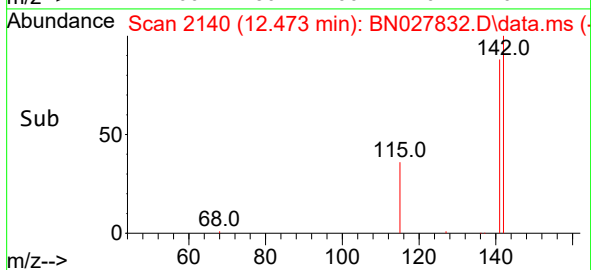
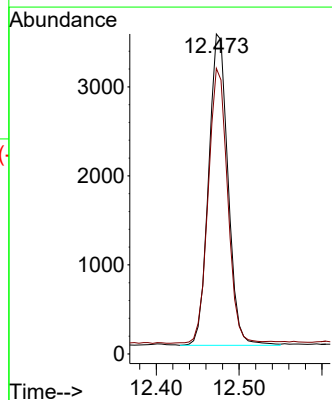
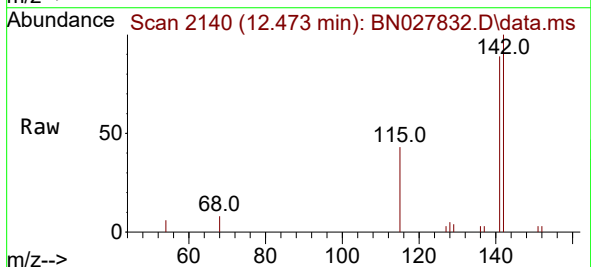
Instrument :
BNA_N
ClientSampleId :
C0AB1

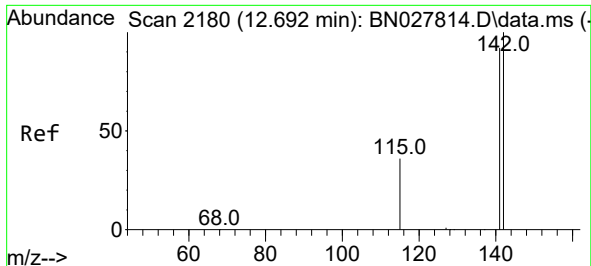
Tgt Ion:128 Resp: 6184
Ion Ratio Lower Upper
128 100
129 14.3 9.3 13.9#
127 14.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Tgt Ion:142 Resp: 5687
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7

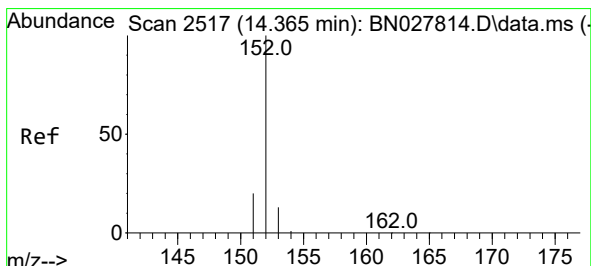
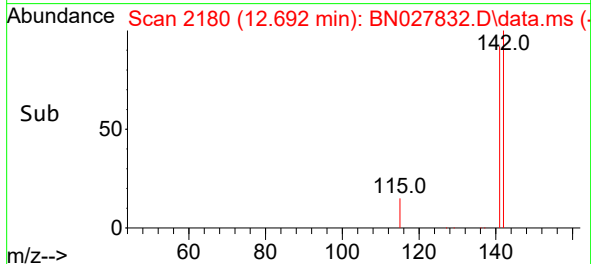
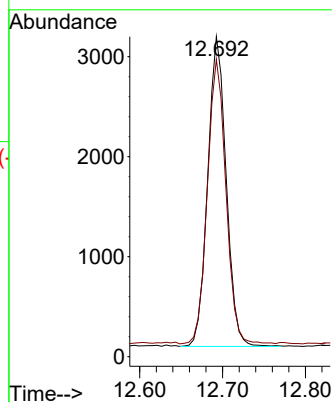
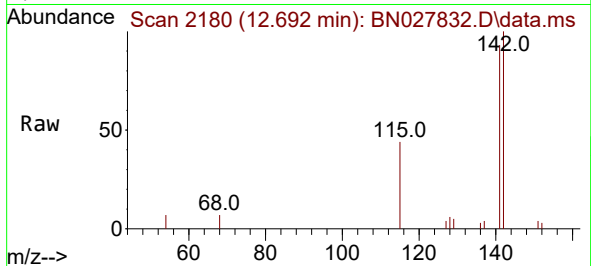




#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

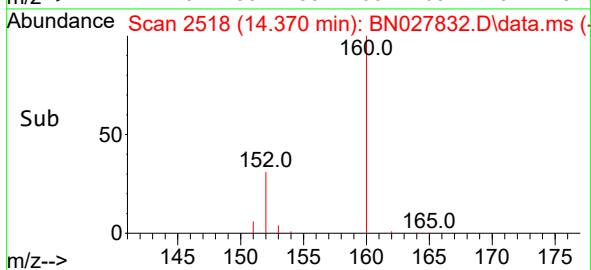
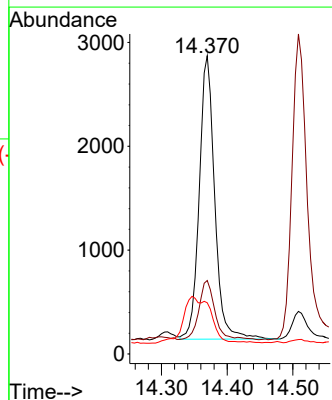
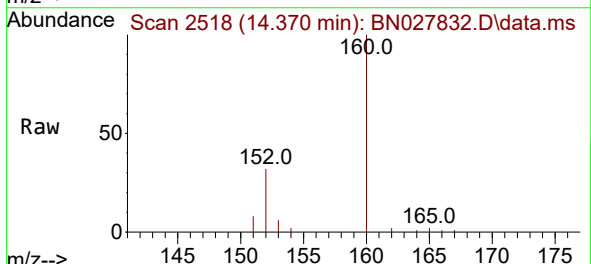
Instrument :
BNA_N
ClientSampleId :
C0AB1

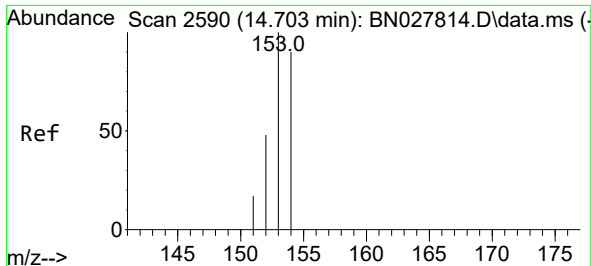
Tgt Ion:142 Resp: 4809
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Tgt Ion:152 Resp: 4449
Ion Ratio Lower Upper
152 100
151 24.6 16.6 25.0
153 17.2 11.0 16.6#

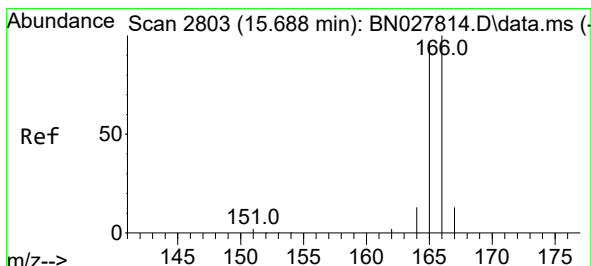
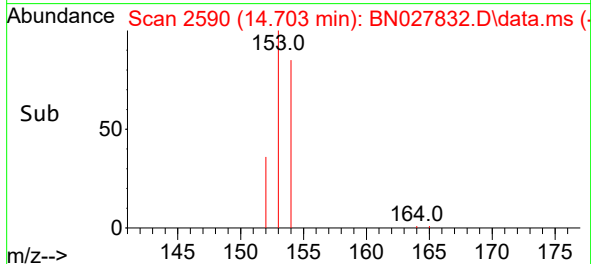
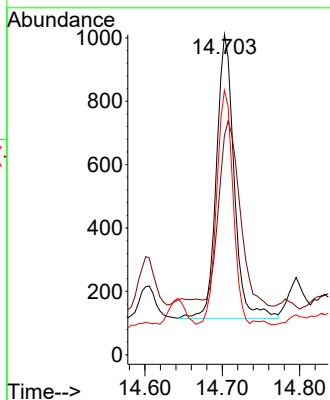
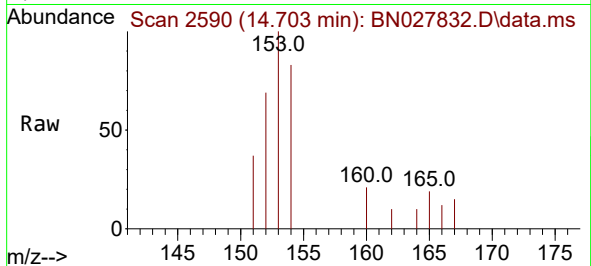




#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

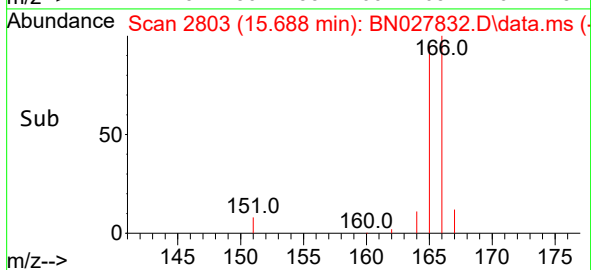
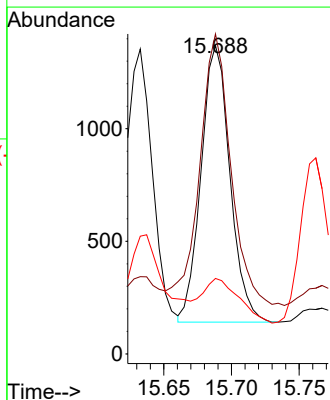
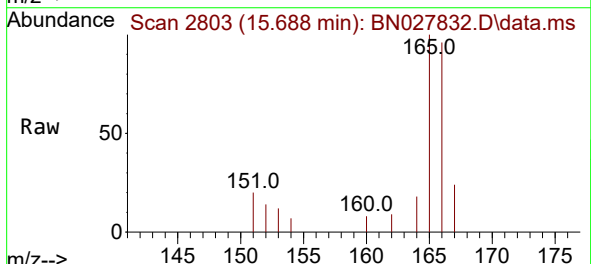
Instrument :
BNA_N
ClientSampleId :
C0AB1

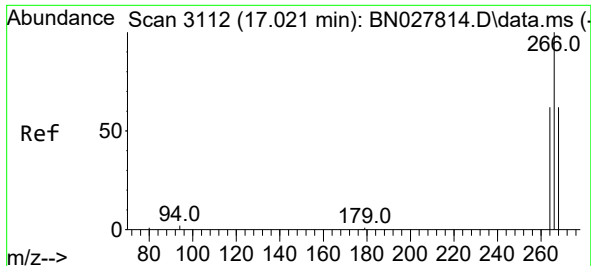
Tgt Ion:153 Resp: 1417
Ion Ratio Lower Upper
153 100
152 68.5 41.7 62.5#
154 82.7 70.3 105.5



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Tgt Ion:166 Resp: 1823
Ion Ratio Lower Upper
166 100
165 103.7 78.0 117.0
167 24.5 11.4 17.2#

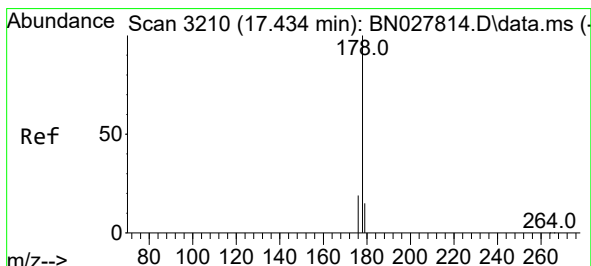
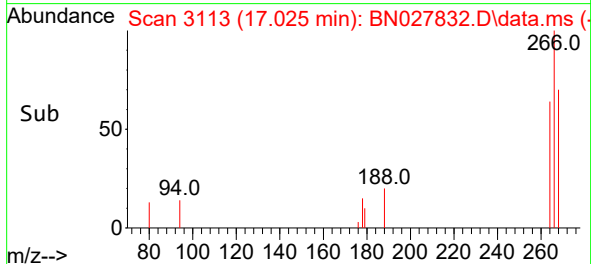
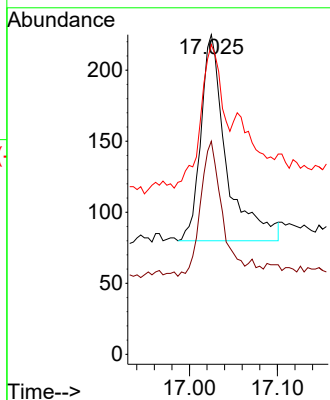
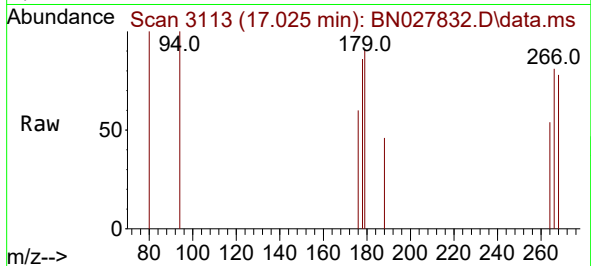




#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 17.025 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

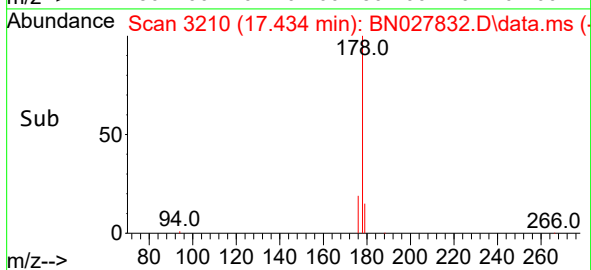
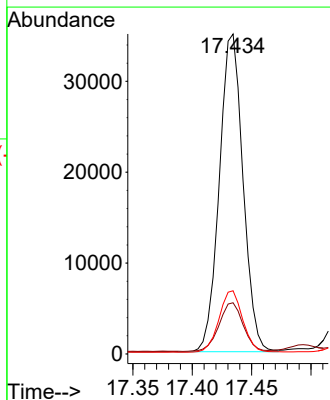
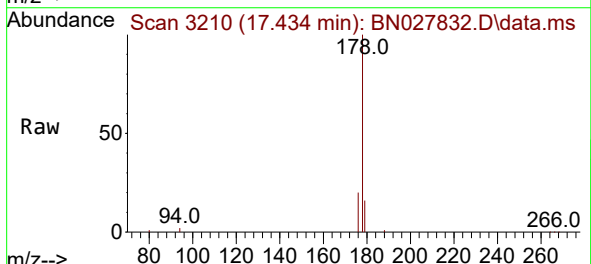
Instrument :
BNA_N
ClientSampleId :
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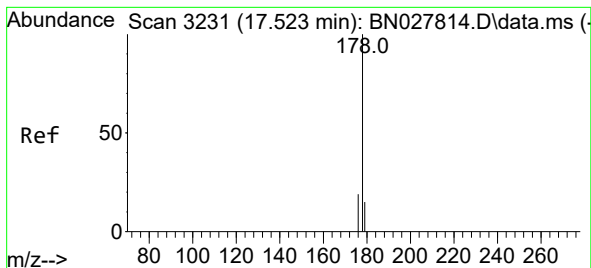
Tgt Ion:266 Resp: 292
Ion Ratio Lower Upper
266 100
264 58.2 49.6 74.4
268 97.9 50.7 76.1#



#15
Phenanthrene
Concen: 0.470 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Tgt Ion:178 Resp: 48540
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.8 16.0 24.0





#16

Anthracene

Concen: 0.079 ng/ul

RT: 17.527 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027832.D

Acq: 22 Sep 2023 19:42

Instrument :

BNA_N

ClientSampleId :

C0AB1

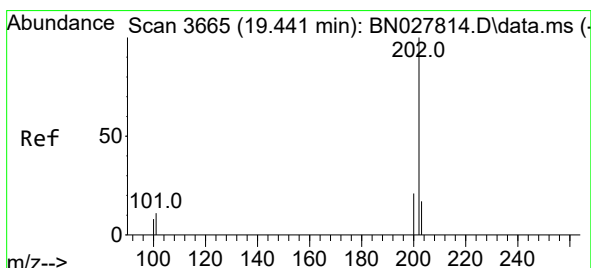
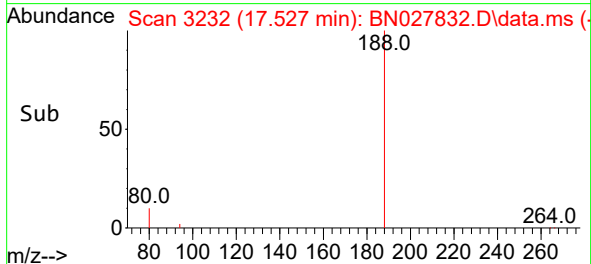
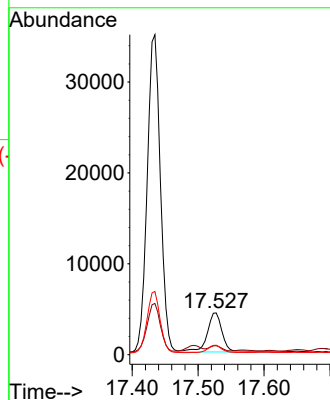
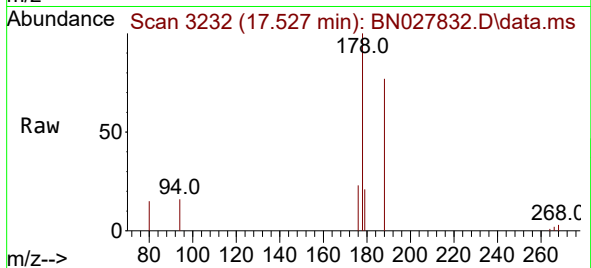
Tgt Ion:178 Resp: 6874

Ion Ratio Lower Upper

178 100

179 21.3 12.6 19.0#

176 22.5 15.5 23.3



#19

Fluoranthene

Concen: 1.175 ng/ul

RT: 19.445 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BN027832.D

Acq: 22 Sep 2023 19:42

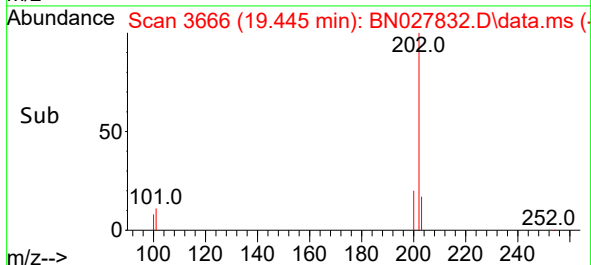
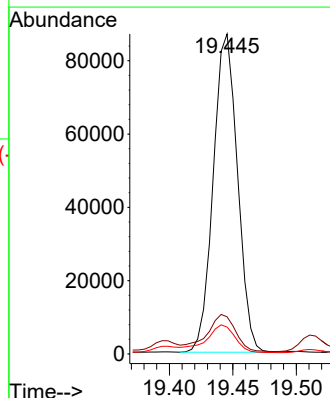
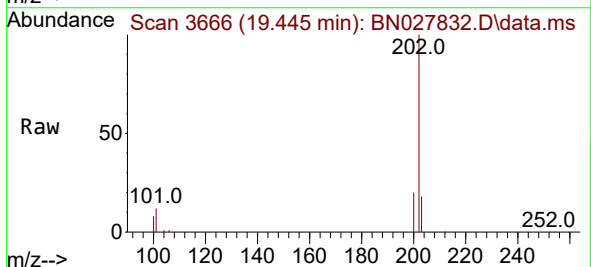
Tgt Ion:202 Resp: 115297

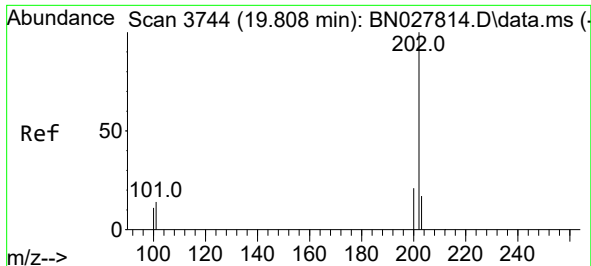
Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

100 8.4 7.0 10.4

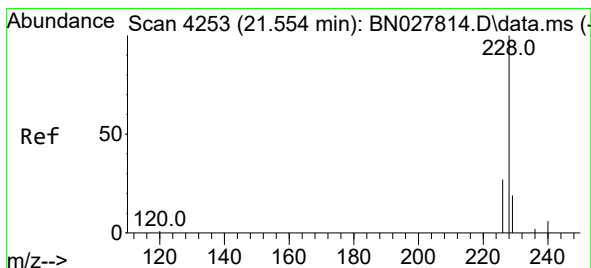
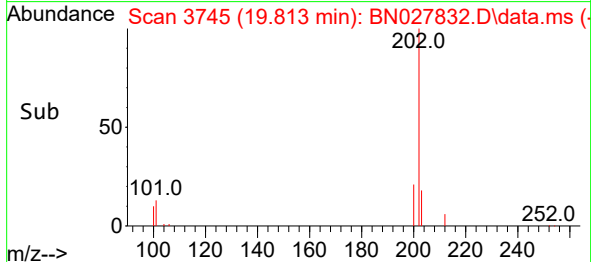
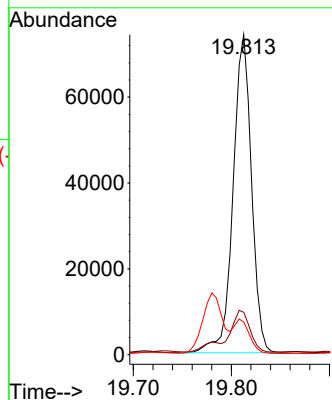
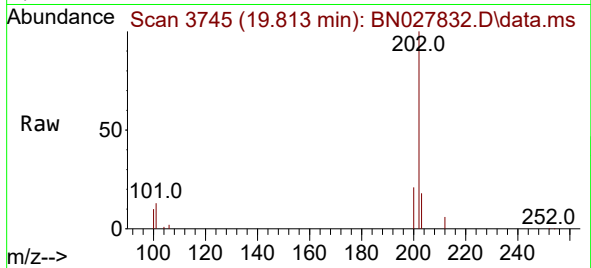




#20
Pyrene
Concen: 0.960 ng/ul
RT: 19.813 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

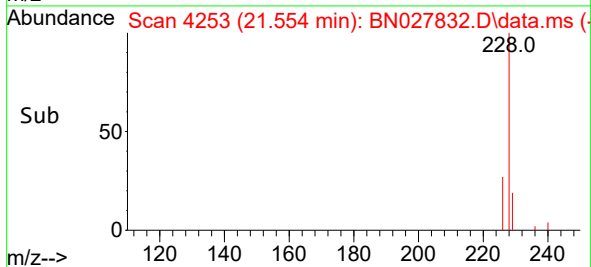
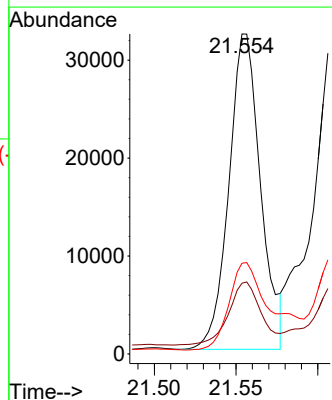
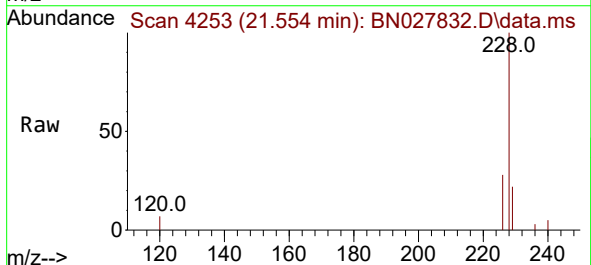
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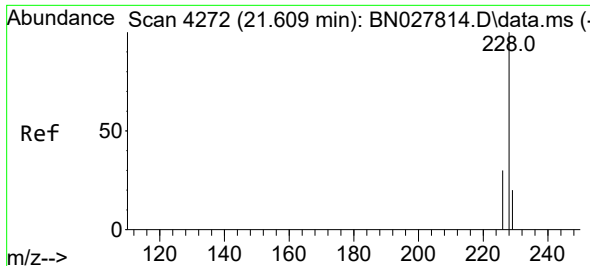
Tgt Ion:202 Resp: 97038
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.2 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.463 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

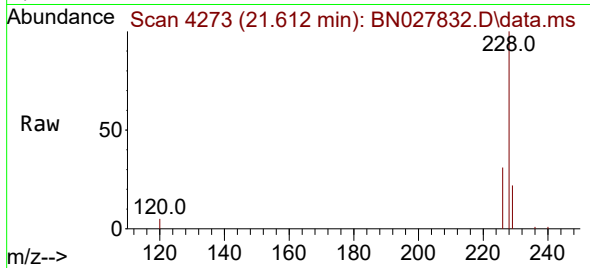
Tgt Ion:228 Resp: 43483
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.8
226 28.4 22.0 33.0



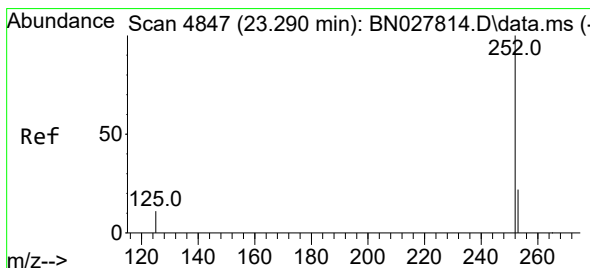
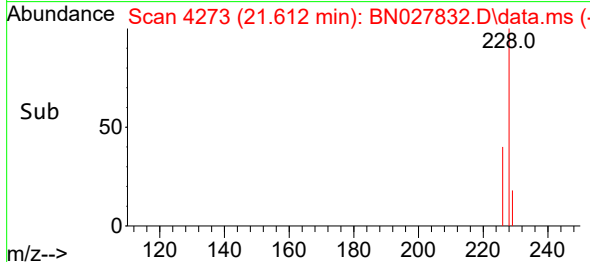
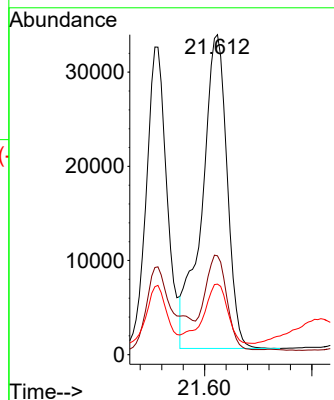


#22
Chrysene
Concen: 0.559 ng/ul
RT: 21.612 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Instrument :
BNA_N
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C0AB1

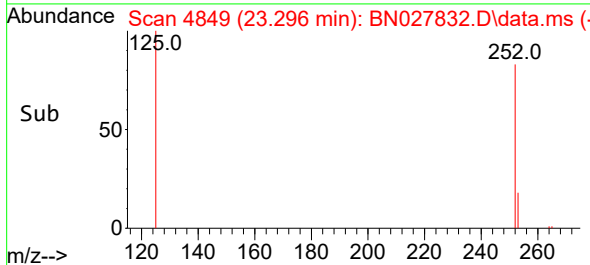
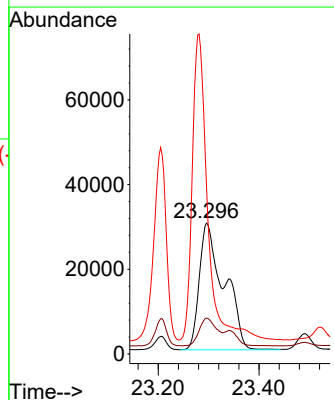
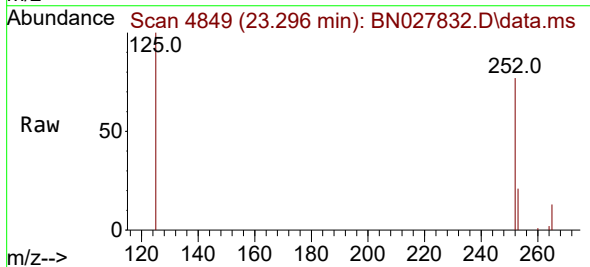


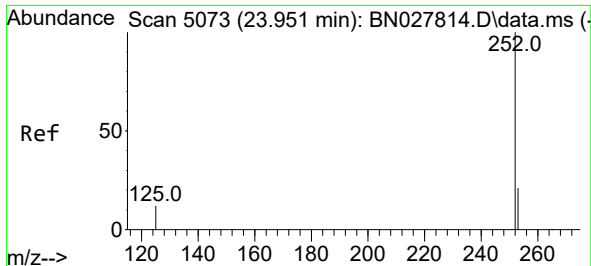
Tgt Ion:228 Resp: 54250
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.1 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 1.054 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

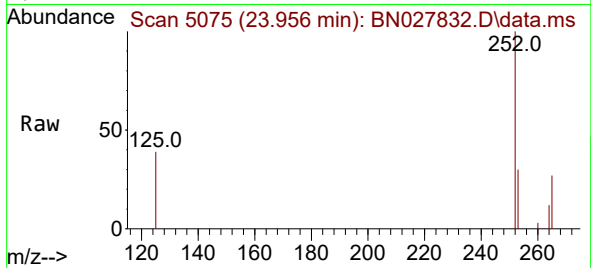
Tgt Ion:252 Resp: 101622
Ion Ratio Lower Upper
252 100
253 27.4 0.0 50.2
125 129.5 0.0 31.4#



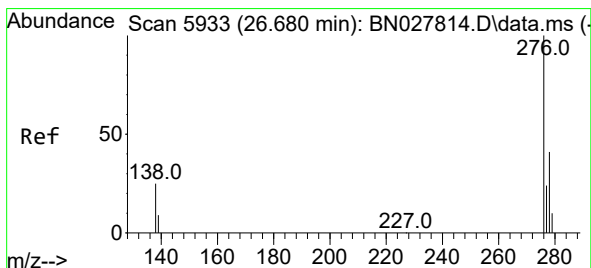
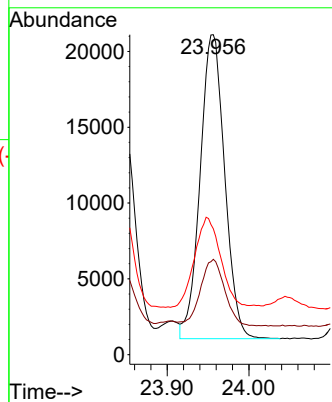
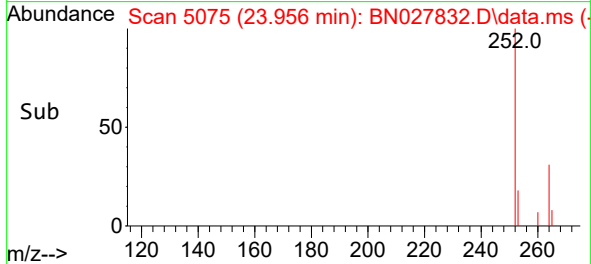


#26
Benzo(a)pyrene
Concen: 0.540 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Instrument :
BNA_N
ClientSampleId :
C0AB1

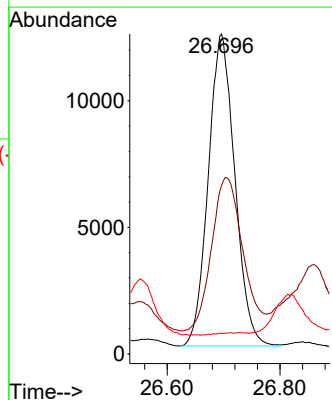
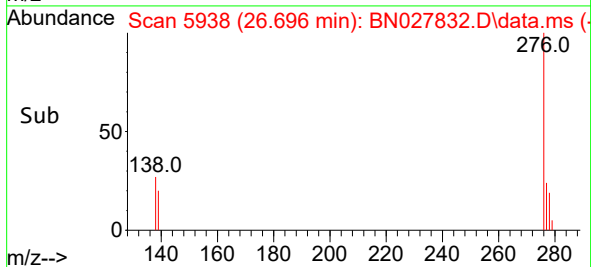
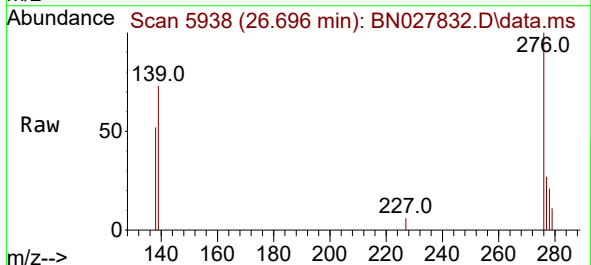


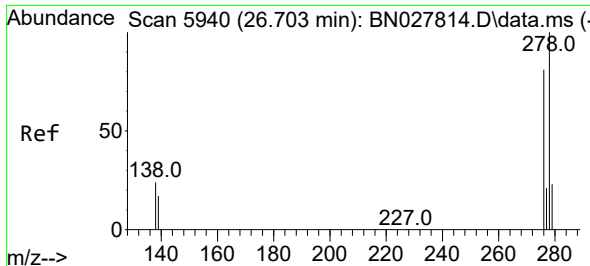
Tgt Ion:252 Resp: 41879
Ion Ratio Lower Upper
252 100
253 29.8 21.9 32.9
125 39.3 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027832.D
Acq: 22 Sep 2023 19:42

Tgt Ion:276 Resp: 40293
Ion Ratio Lower Upper
276 100
138 58.3 24.3 36.5#
227 0.0 0.0 0.0

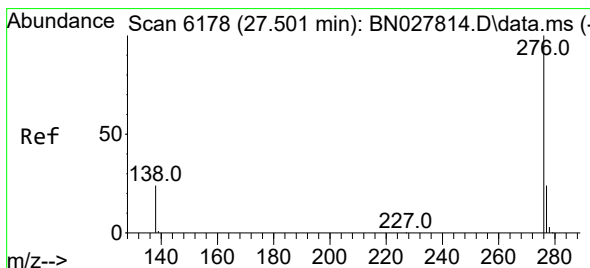
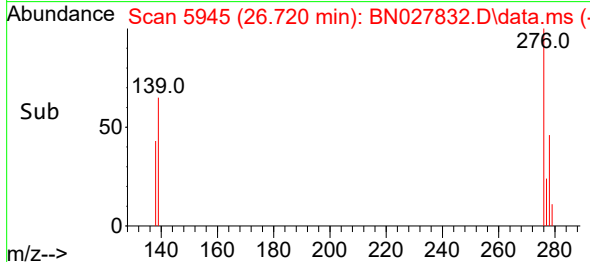
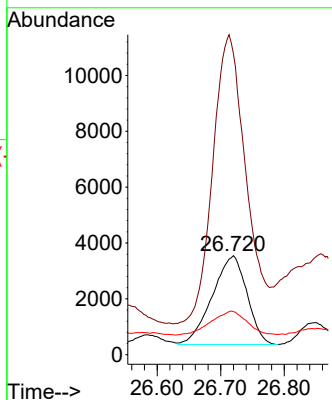
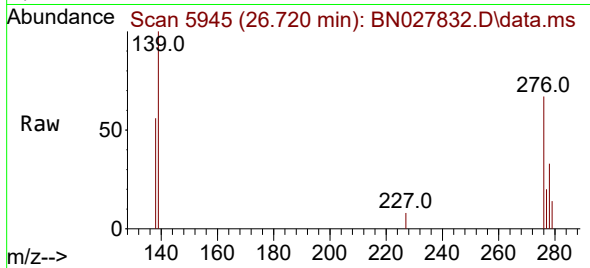




#28
 Dibenzo(a,h)anthracene
 Concen: 0.150 ng/ul
 RT: 26.720 min Scan# 5945
 Delta R.T. 0.013 min
 Lab File: BN027832.D
 Acq: 22 Sep 2023 19:42

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Tgt Ion: 278 Resp: 12022
 Ion Ratio Lower Upper
 278 100
 139 304.1 17.2 25.8#
 279 43.5 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.499 ng/ul
 RT: 27.525 min Scan# 6185
 Delta R.T. 0.020 min
 Lab File: BN027832.D
 Acq: 22 Sep 2023 19:42

Tgt Ion: 276 Resp: 42114
 Ion Ratio Lower Upper
 276 100
 138 50.3 21.7 32.5#
 277 26.5 20.2 30.2

