

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028746.D
 Acq On : 18 Nov 2023 19:29
 Operator : MA/JU
 Sample : 05370-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:04:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

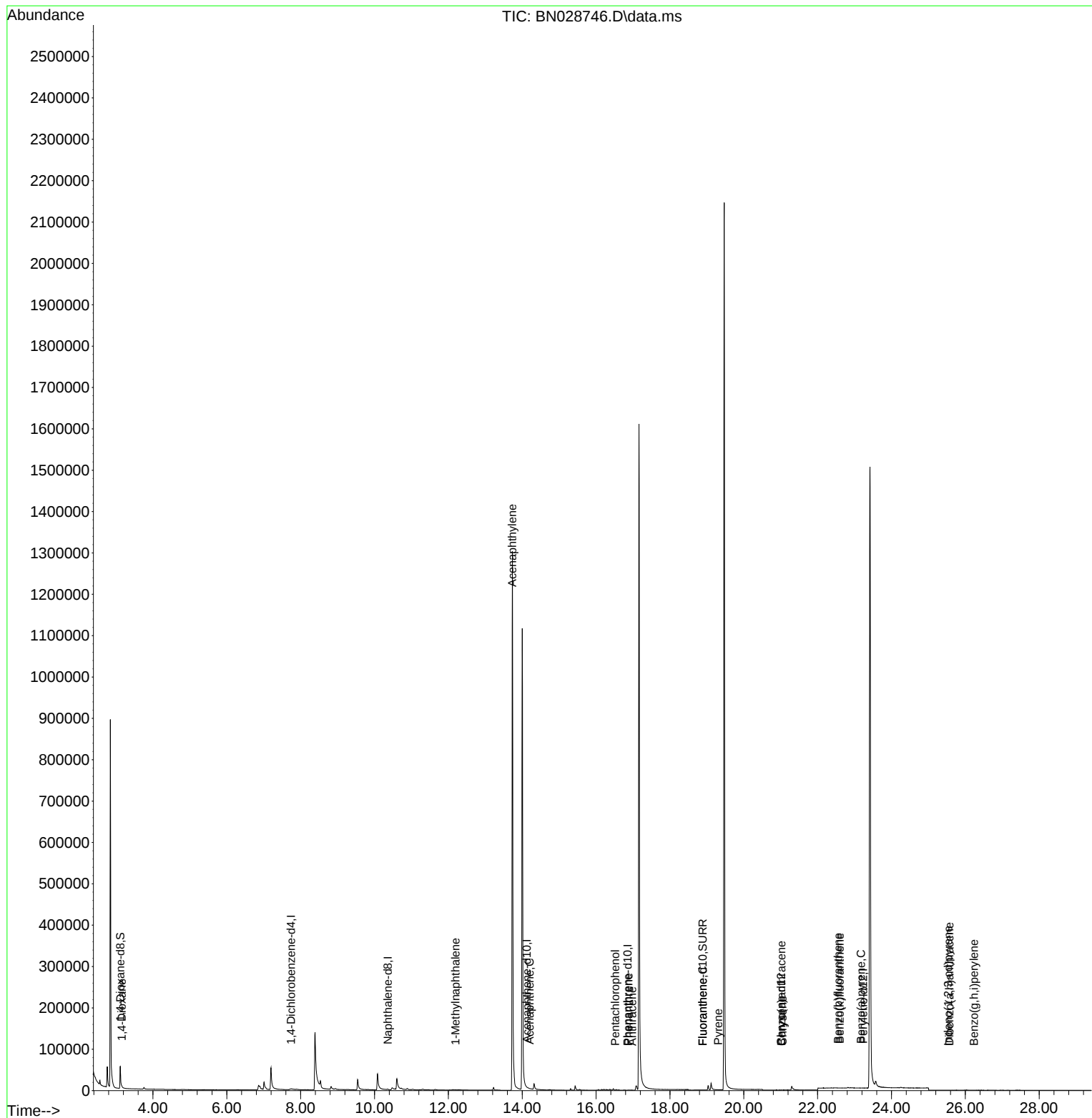
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	3178	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.358	136	772	0.400	ng/ul	#-0.13
9) Acenaphthene-d10	14.127	164	2	0.400	ng/ul	#-0.20
13) Phenanthrene-d10	16.854	188	3	0.400	ng/ul	#-0.24
17) Chrysene-d12	21.013	240	11	0.400	ng/ul	#-0.28
23) Perylene-d12	23.234	264	9	0.400	ng/ul	#-0.35
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	36743	10.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.963	152	5	0.004	ng/ul	-0.15
18) Fluoranthene-d10	18.885	212	20	0.565	ng/ul	-0.24
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	1559	0.402	ng/ul#	68
8) 1-Methylnaphthalene	12.194	142	41	0.028	ng/ul#	1
10) Acenaphthylene	13.729	152	207	20.738	ng/ul#	1
11) Acenaphthene	14.205	153	32	4.356	ng/ul#	66
14) Pentachlorophenol	16.516	266	4	5.556	ng/ul#	68
15) Phenanthrene	16.879	178	164	17.793	ng/ul#	1
16) Anthracene	16.976	178	16	1.893	ng/ul#	1
19) Fluoranthene	18.890	202	20	0.428	ng/ul#	1
20) Pyrene	19.304	202	24	0.495	ng/ul#	1
21) Benzo(a)anthracene	21.019	228	9	0.207	ng/ul#	1
22) Chrysene	21.051	228	3	0.071	ng/ul#	1
24) Benzo(b)fluoranthene	22.552	252	12	0.355	ng/ul#	1
25) Benzo(k)fluoranthene	22.599	252	9	0.254	ng/ul#	1
26) Benzo(a)pyrene	23.172	252	12	0.376	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.539	276	4	0.113	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.569	278	6	0.212	ng/ul#	1
29) Benzo(g,h,i)perylene	26.233	276	6	0.207	ng/ul#	1

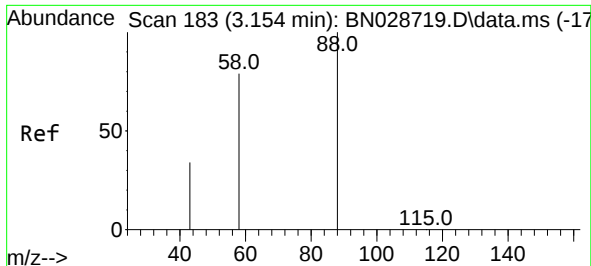
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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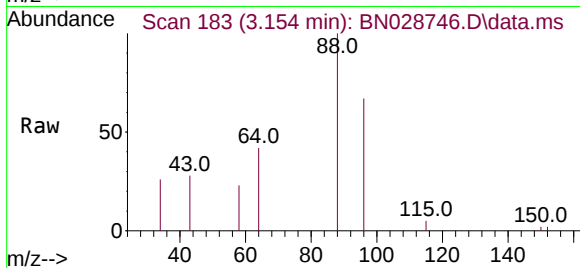
Quant Time: Nov 18 23:04:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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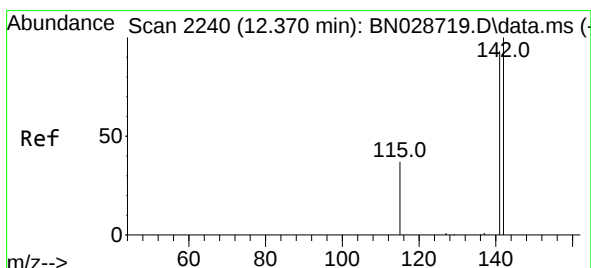
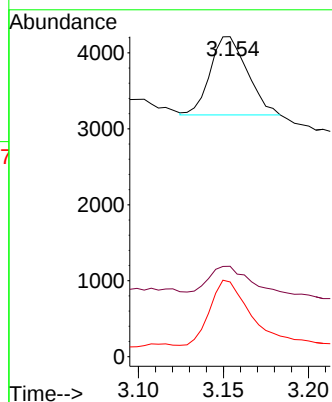
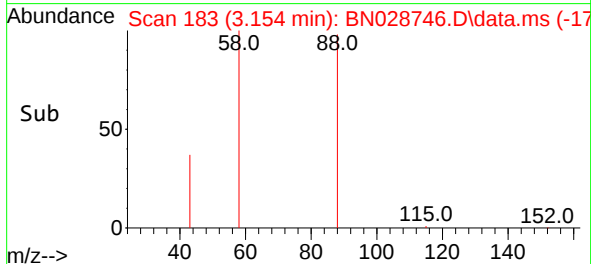


#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.154 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Instrument :
BNA_M
ClientSampleId :

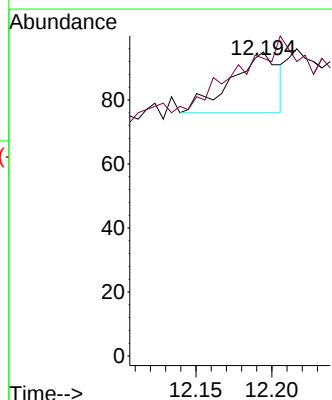
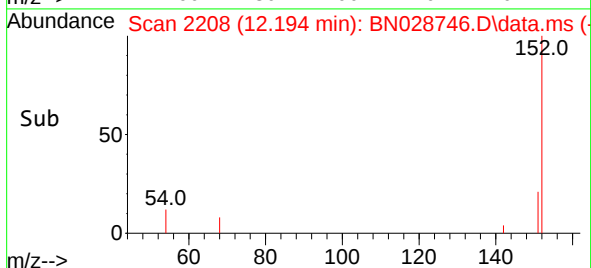
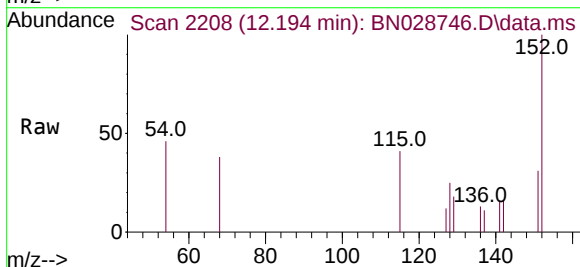


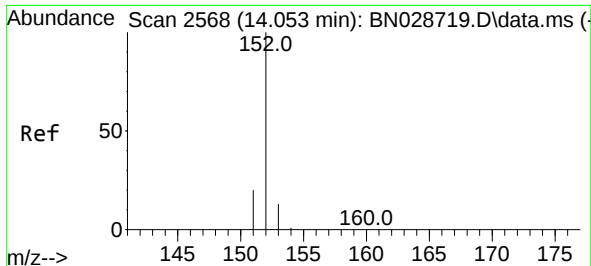
Tgt Ion: 88 Resp: 1559
Ion Ratio Lower Upper
88 100
43 28.2 32.9 49.3#
58 23.4 41.8 62.8#



#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.194 min Scan# 2208
Delta R.T. -0.171 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 226.8 74.1 111.1#

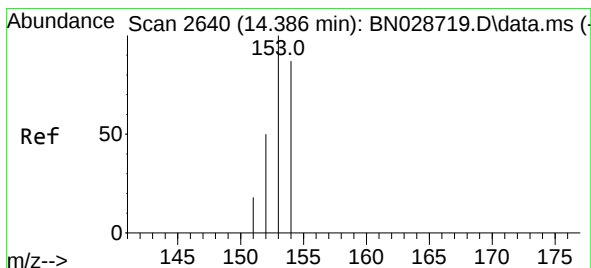
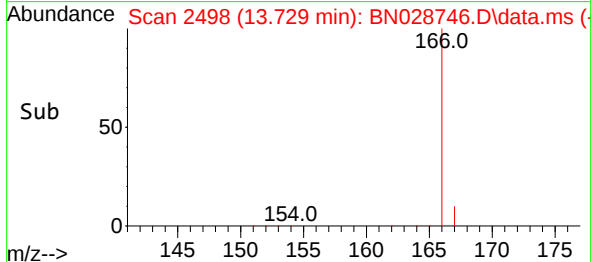
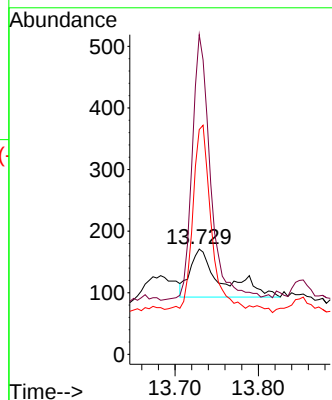
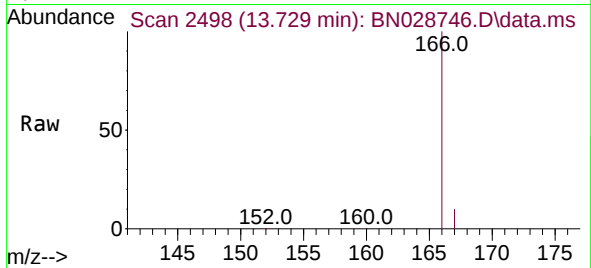




#10
Acenaphthylene
Concen: 20.738 ng/ul
RT: 13.729 min Scan# 2498
Delta R.T. -0.323 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

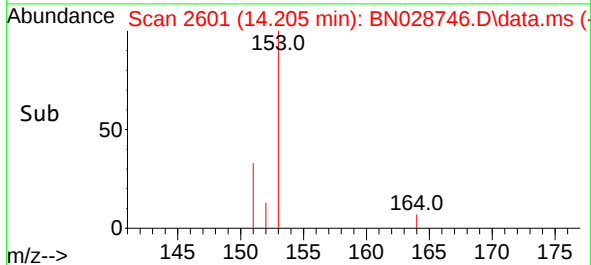
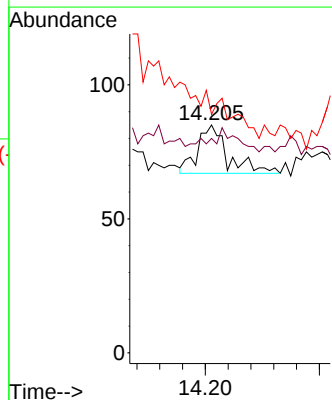
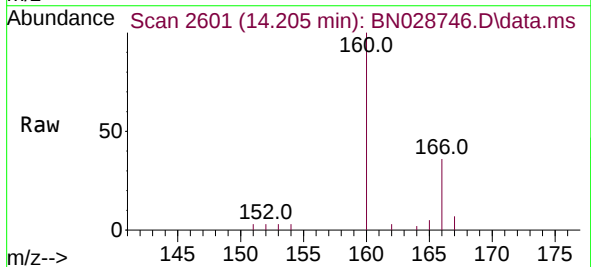
Instrument :
BNA_M
ClientSampleId :

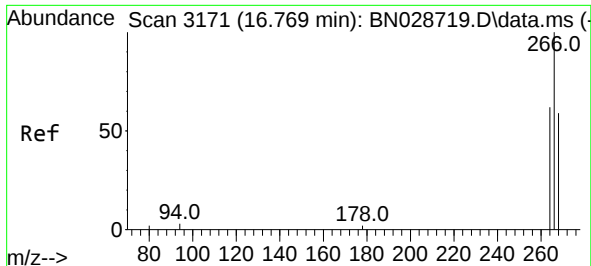
Tgt Ion:152 Resp: 207
Ion Ratio Lower Upper
152 100
151 303.5 16.1 24.1#
153 213.5 10.6 15.8#



#11
Acenaphthene
Concen: 4.356 ng/ul
RT: 14.205 min Scan# 2601
Delta R.T. -0.184 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Tgt Ion:153 Resp: 32
Ion Ratio Lower Upper
153 100
152 94.1 39.6 59.4#
154 104.7 71.0 106.6

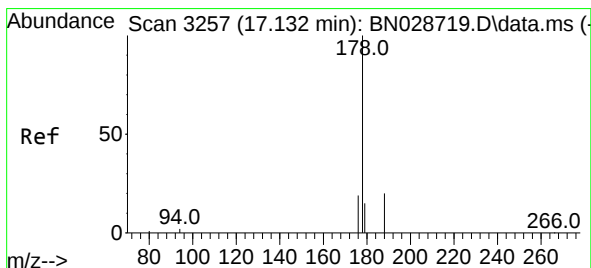
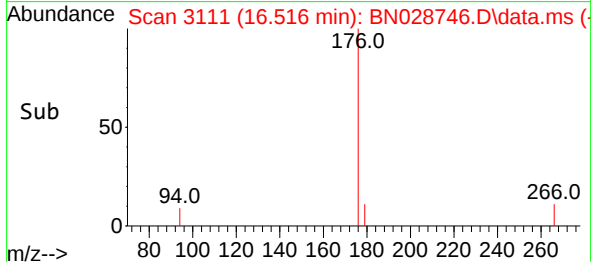
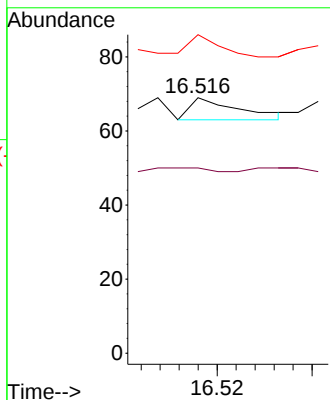
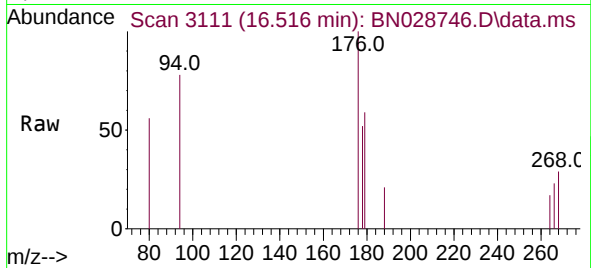




#14
 Pentachlorophenol
 Concen: 5.556 ng/ul
 RT: 16.516 min Scan# 3111
 Delta R.T. -0.232 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

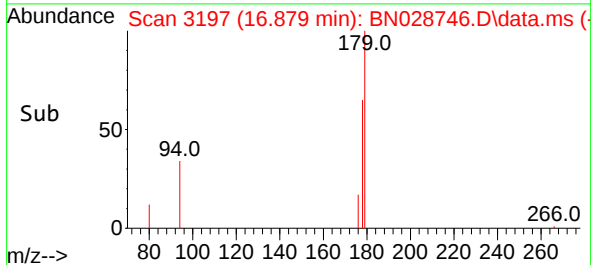
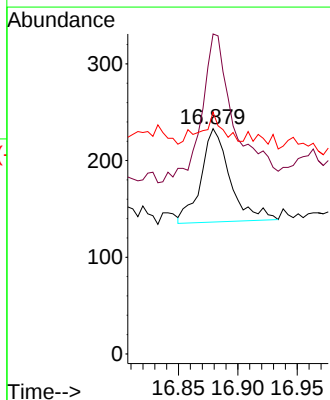
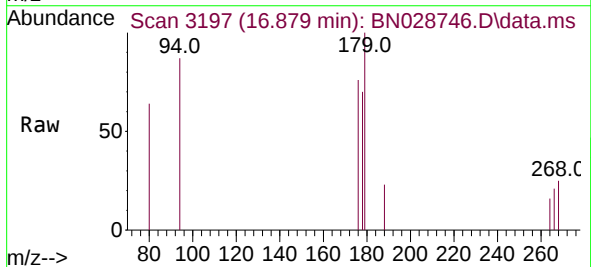
Instrument :
 BNA_M
 ClientSampleId :

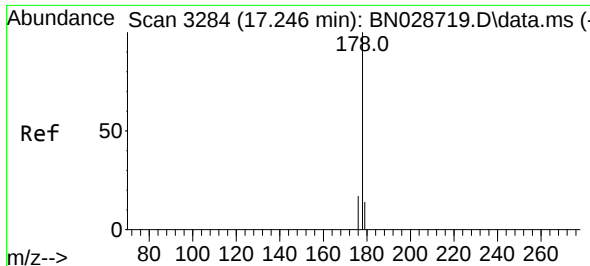
Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 25.0 50.1 75.1#
 268 75.0 50.6 75.8



#15
 Phenanthrene
 Concen: 17.793 ng/ul
 RT: 16.879 min Scan# 3197
 Delta R.T. -0.253 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

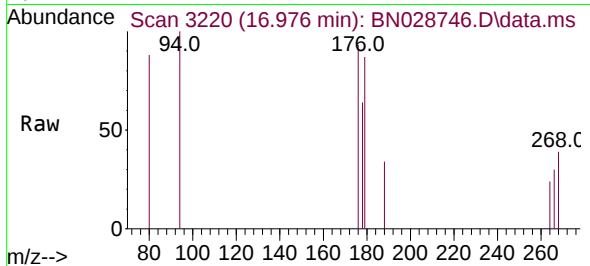
Tgt Ion:178 Resp: 164
 Ion Ratio Lower Upper
 178 100
 179 142.1 12.4 18.6#
 176 107.3 15.4 23.2#



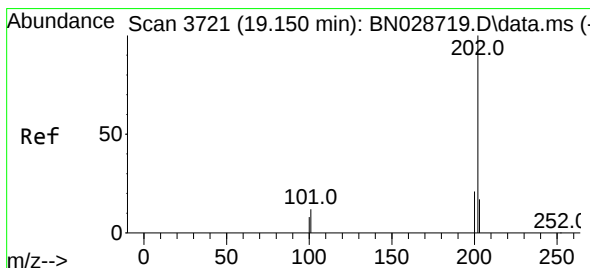
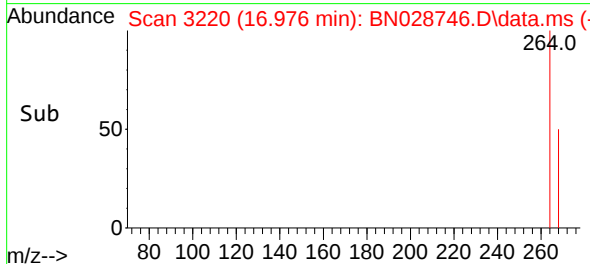
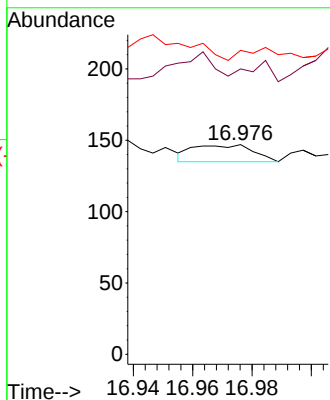


#16
 Anthracene
 Concen: 1.893 ng/ul
 RT: 16.976 min Scan# 31
 Delta R.T. -0.261 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

Instrument :
 BNA_M
 ClientSampleId :

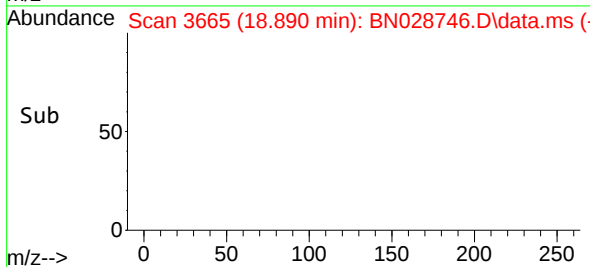
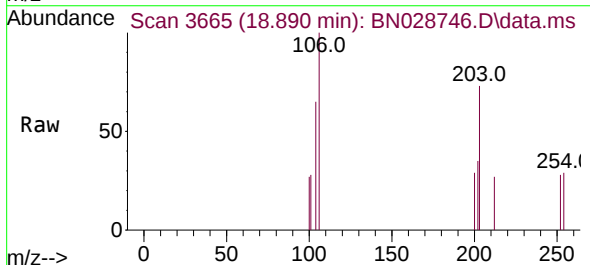
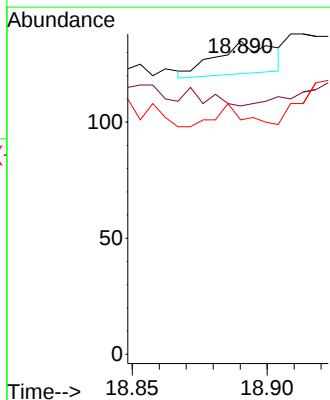


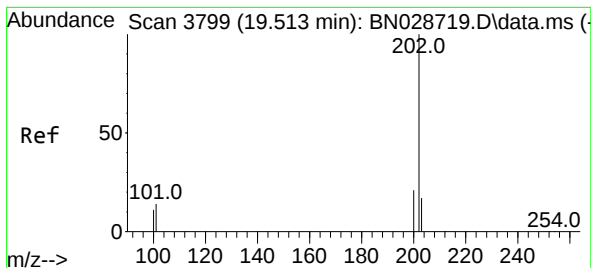
Tgt Ion:178 Resp: 16
 Ion Ratio Lower Upper
 178 100
 179 136.1 12.6 18.8#
 176 144.9 14.9 22.3#



#19
 Fluoranthene
 Concen: 0.428 ng/ul
 RT: 18.890 min Scan# 3665
 Delta R.T. -0.260 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

Tgt Ion:202 Resp: 20
 Ion Ratio Lower Upper
 202 100
 101 79.3 9.5 14.3#
 100 74.8 7.2 10.8#





#20

Pyrene

Concen: 0.495 ng/ul

RT: 19.304 min Scan# 31

Delta R.T. -0.208 min

Lab File: BN028746.D

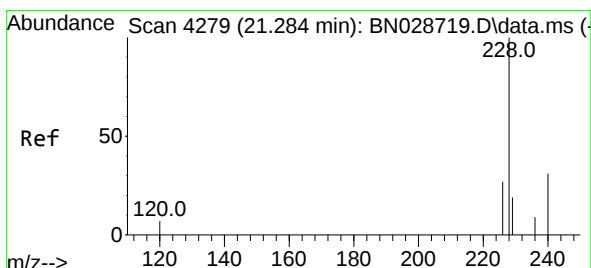
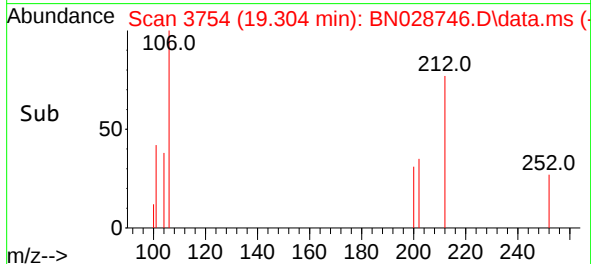
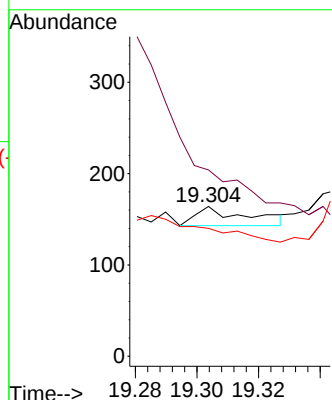
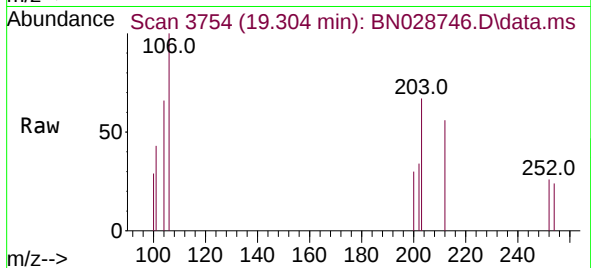
Acq: 18 Nov 2023 19:29

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	24
Ion Ratio	Lower	Upper
202	100	
101	124.4	10.3 15.5#
100	85.4	8.2 12.2#



#21

Benzo(a)anthracene

Concen: 0.207 ng/ul

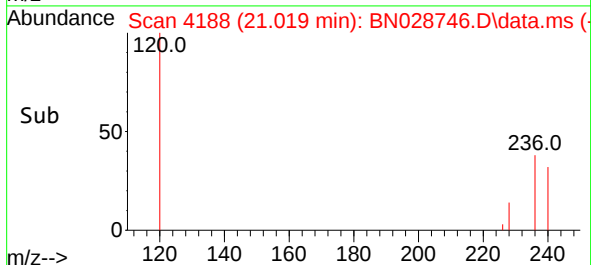
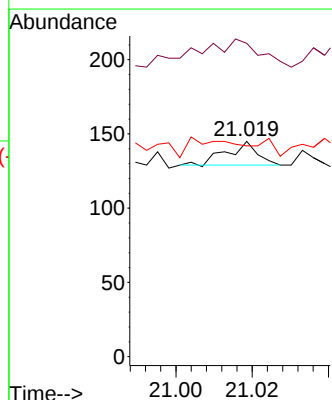
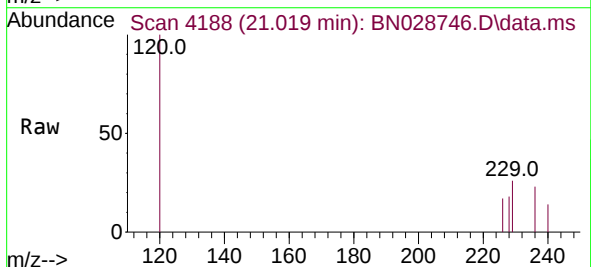
RT: 21.019 min Scan# 4188

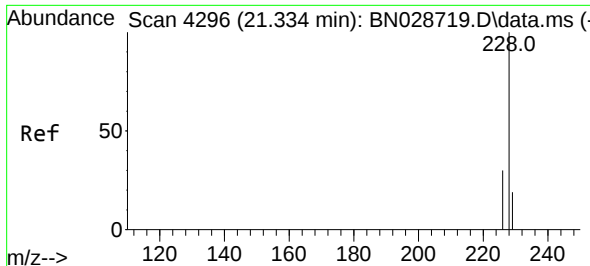
Delta R.T. -0.262 min

Lab File: BN028746.D

Acq: 18 Nov 2023 19:29

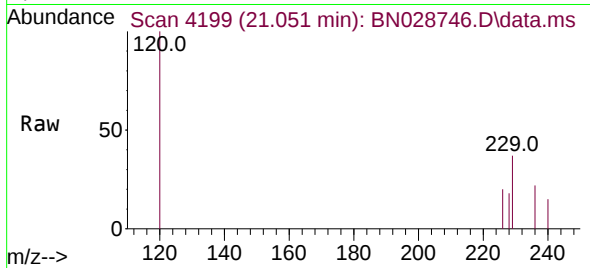
Tgt Ion:228	Resp:	9
Ion Ratio	Lower	Upper
228	100	
229	145.5	15.7 23.5#
226	97.9	21.4 32.0#



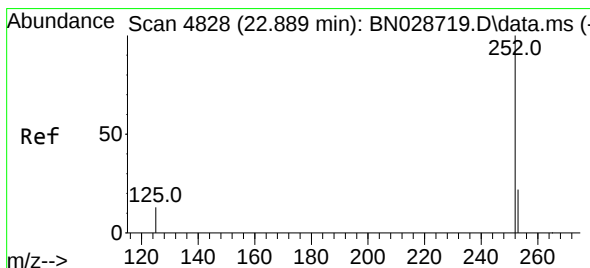
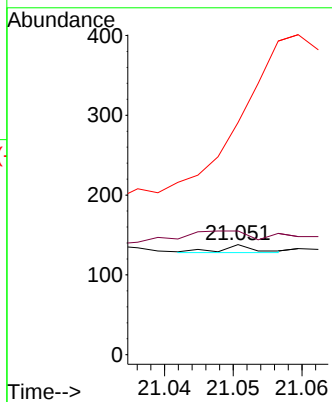
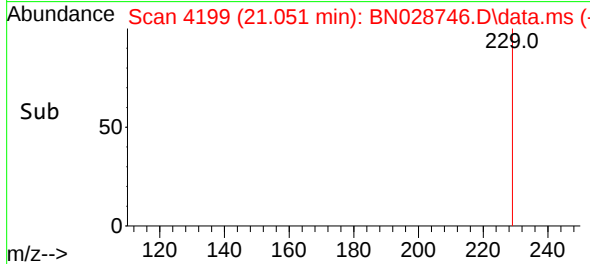


#22
Chrysene
Concen: 0.071 ng/ul
RT: 21.051 min Scan# 4119
Delta R.T. -0.283 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Instrument :
BNA_M
ClientSampleId :

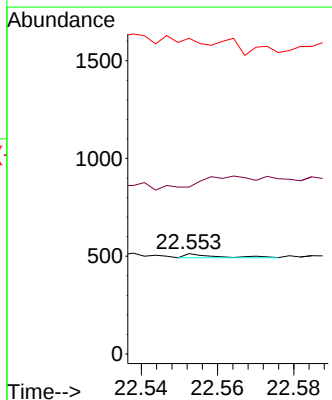
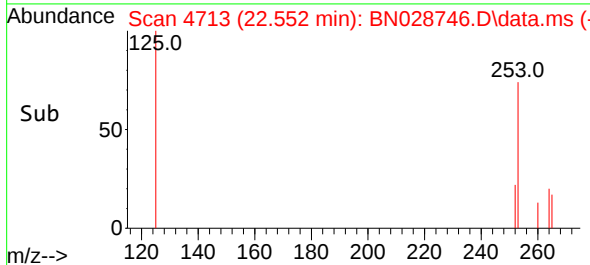
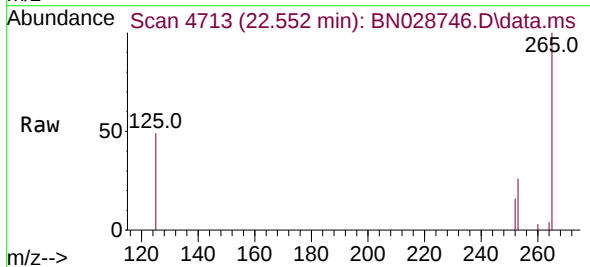


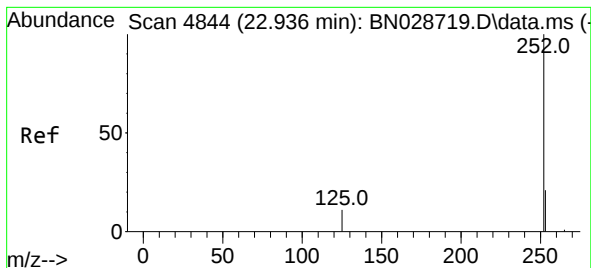
Tgt Ion:228 Resp: 3
Ion Ratio Lower Upper
228 100
226 112.3 23.8 35.8#
229 210.9 15.4 23.2#



#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 22.552 min Scan# 4713
Delta R.T. -0.336 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Tgt Ion:252 Resp: 12
Ion Ratio Lower Upper
252 100
253 166.5 0.0 46.6#
125 314.8 0.0 27.6#





#25

Benzo(k)fluoranthene

Concen: 0.254 ng/ul

RT: 22.599 min Scan# 41

Delta R.T. -0.333 min

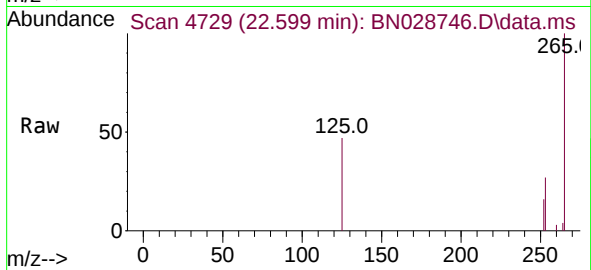
Lab File: BN028746.D

Acq: 18 Nov 2023 19:29

Instrument :

BNA_M

ClientSampleId :



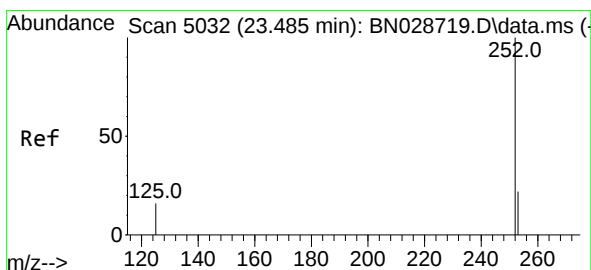
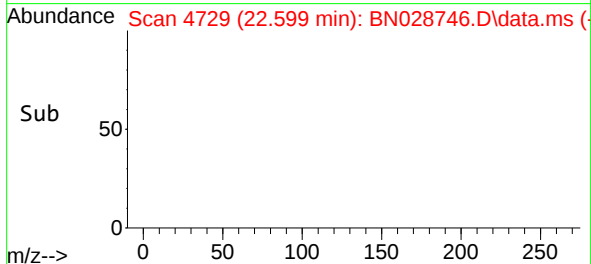
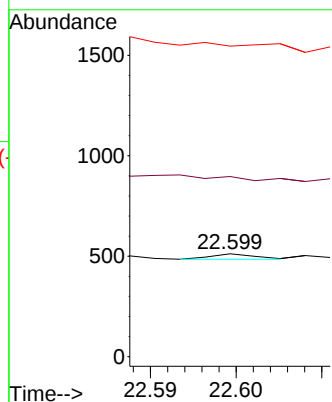
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 175.2 18.6 28.0#

125 302.0 12.7 19.1#



#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.172 min Scan# 4925

Delta R.T. -0.309 min

Lab File: BN028746.D

Acq: 18 Nov 2023 19:29

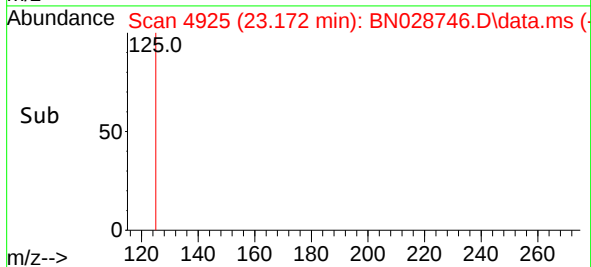
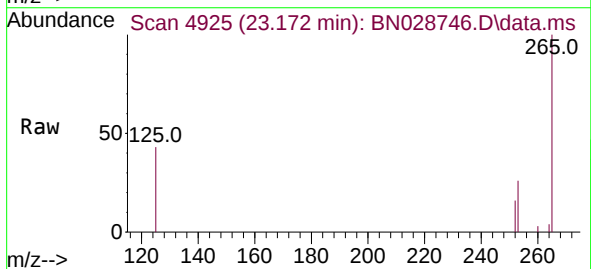
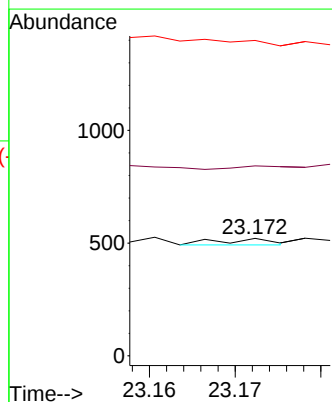
Tgt Ion:252 Resp: 12

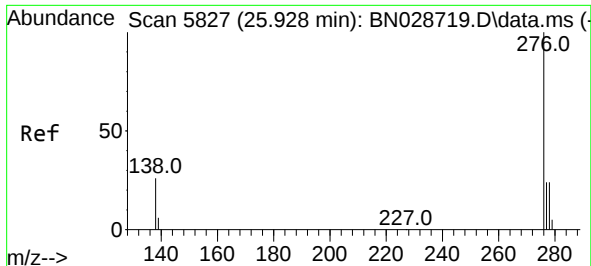
Ion Ratio Lower Upper

252 100

253 161.8 19.0 28.6#

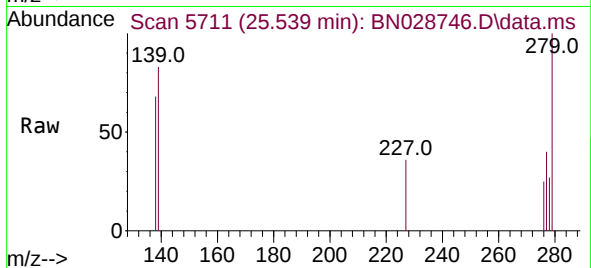
125 268.5 13.2 19.8#



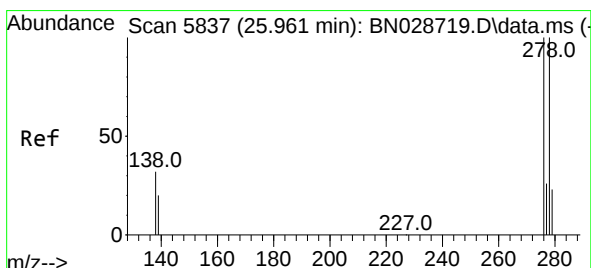
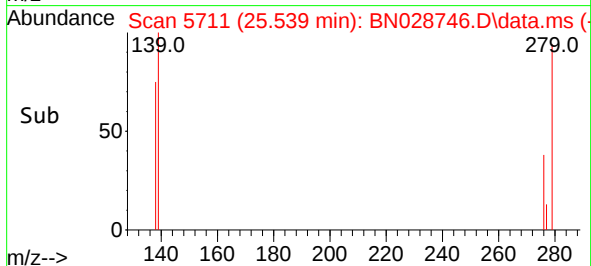
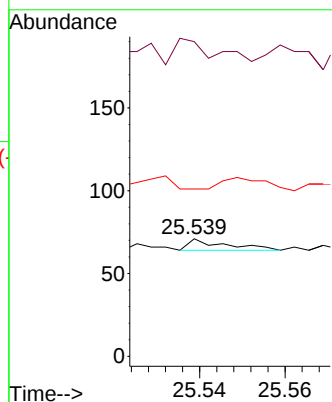


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.113 ng/ul
 RT: 25.539 min Scan# 5711
 Delta R.T. -0.392 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

Instrument :
 BNA_M
 ClientSampleId :

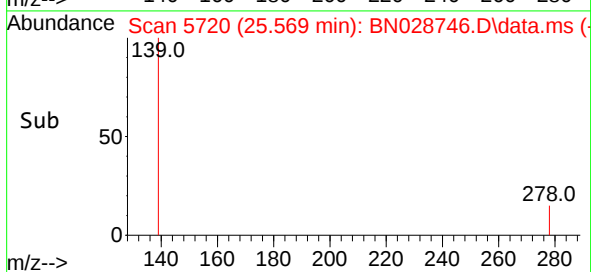
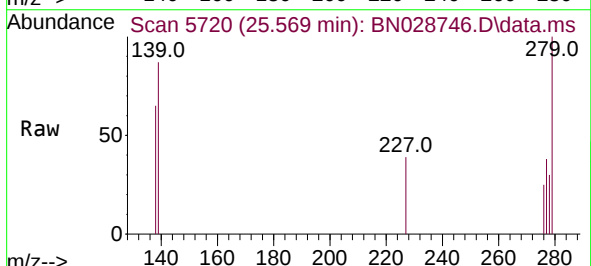
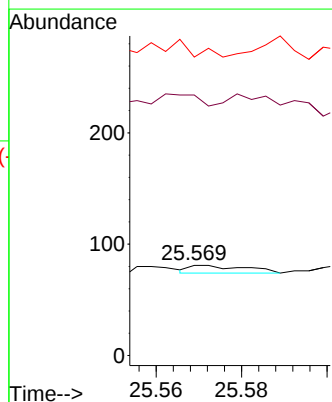


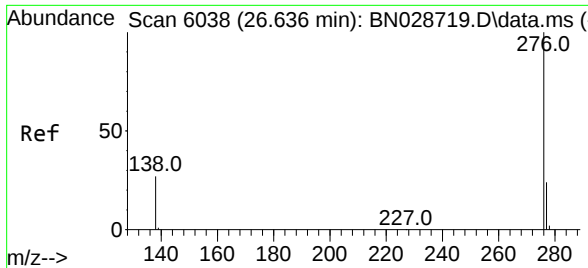
Tgt Ion:276 Resp: 4
 Ion Ratio Lower Upper
 276 100
 138 250.0 23.8 35.6#
 227 75.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.212 ng/ul
 RT: 25.569 min Scan# 5720
 Delta R.T. -0.388 min
 Lab File: BN028746.D
 Acq: 18 Nov 2023 19:29

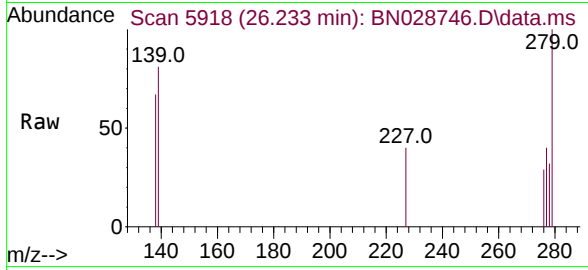
Tgt Ion:278 Resp: 6
 Ion Ratio Lower Upper
 278 100
 139 288.9 18.2 27.4#
 279 330.9 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 26.233 min Scan# 51
Delta R.T. -0.408 min
Lab File: BN028746.D
Acq: 18 Nov 2023 19:29

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 6
Ion Ratio Lower Upper
276 100
138 227.5 20.5 30.7#
277 136.2 19.4 29.0#

