

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027911.D
 Acq On : 27 Sep 2023 22:12
 Operator : MA/JU
 Sample : 04472-09DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE9DL

Quant Time: Sep 28 00:02:43 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

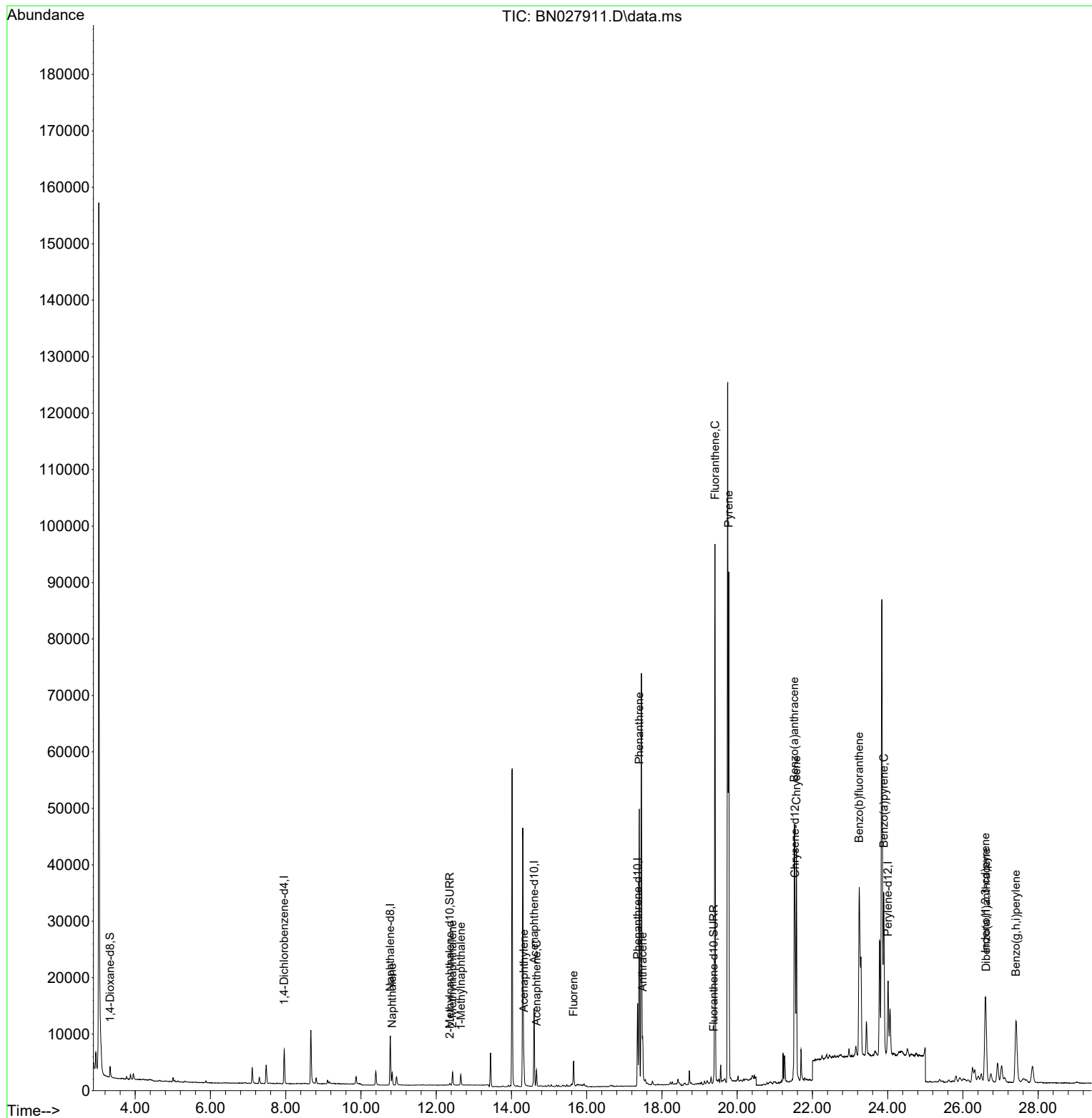
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17227	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17467	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	18020	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1382	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	426	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	1160	0.022	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	3045	0.089	ng/ul#	93
7) 2-Methylnaphthalene	12.434	142	1729	0.080	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	1355	0.061	ng/ul	100
10) Acenaphthylene	14.328	152	3972	0.118	ng/ul#	95
11) Acenaphthene	14.666	153	1679	0.058	ng/ul	96
12) Fluorene	15.651	166	2710	0.079	ng/ul#	98
15) Phenanthrene	17.396	178	50327	0.930	ng/ul	99
16) Anthracene	17.485	178	7360	0.162	ng/ul	96
19) Fluoranthene	19.408	202	79303	1.123	ng/ul	98
20) Pyrene	19.776	202	73176	1.006	ng/ul	99
21) Benzo(a)anthracene	21.519	228	38307	0.567	ng/ul	99
22) Chrysene	21.574	228	40208	0.576	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	77304	0.962	ng/ul	99
26) Benzo(a)pyrene	23.895	252	42974	0.665	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.596	276	28549	0.345	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.616	278	6909	0.104	ng/ul#	72
29) Benzo(g,h,i)perylene	27.411	276	27030	0.385	ng/ul	98

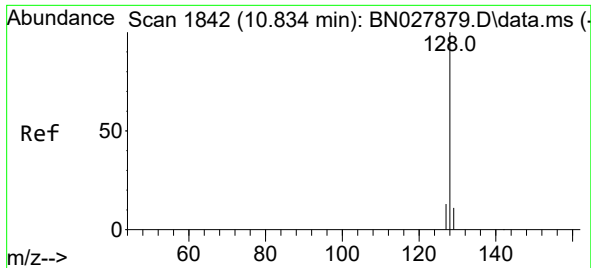
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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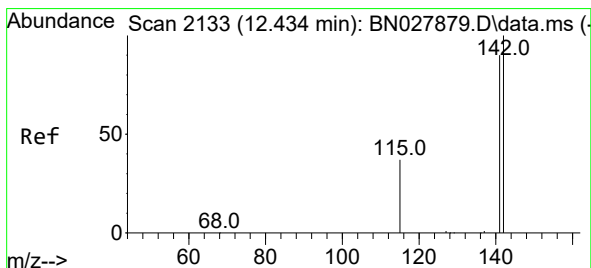
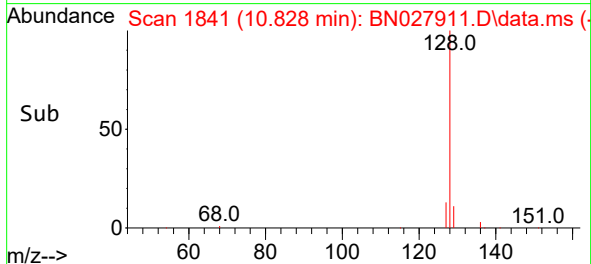
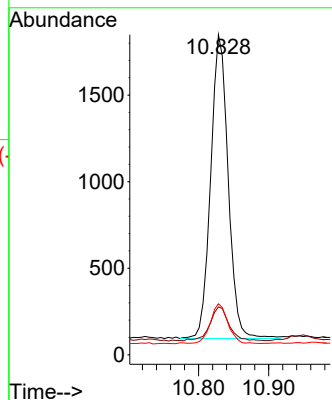
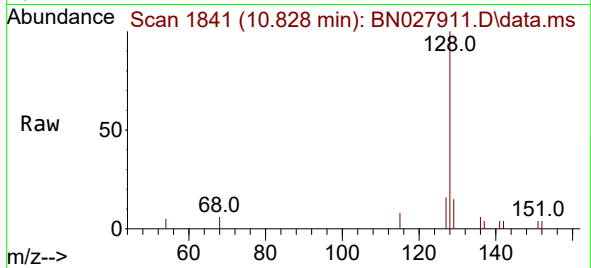




#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

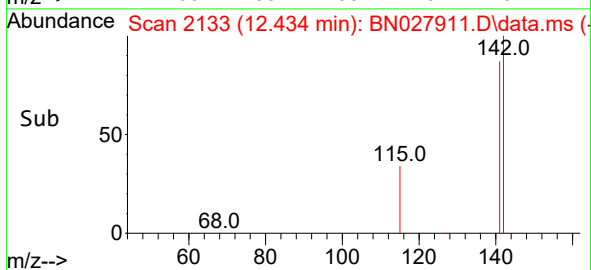
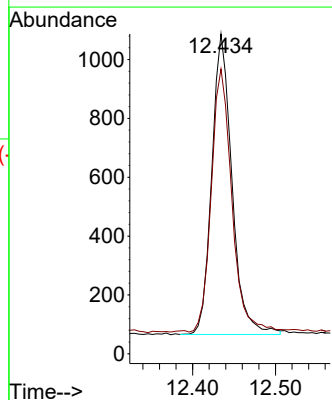
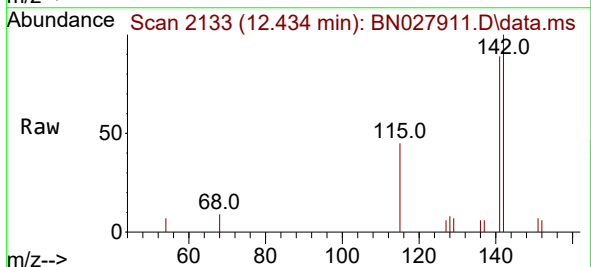
Instrument :
BNA_N
ClientSampleId :
EZY9DL

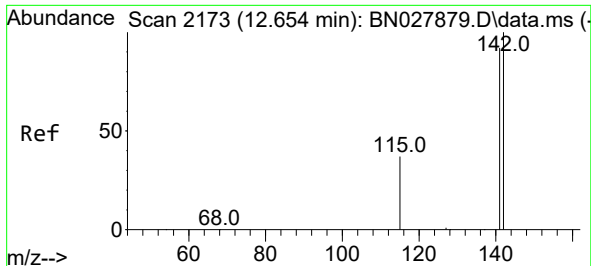
Tgt Ion:128 Resp: 3045
Ion Ratio Lower Upper
128 100
129 14.9 9.3 13.9#
127 15.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:142 Resp: 1729
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

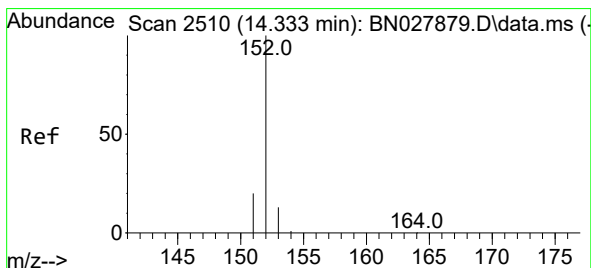
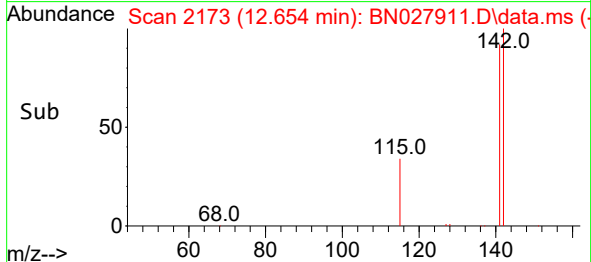
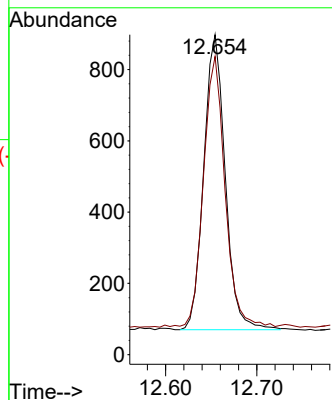
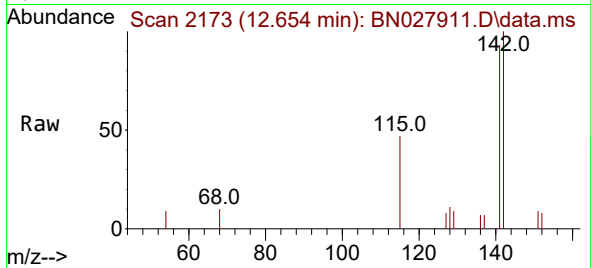




#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

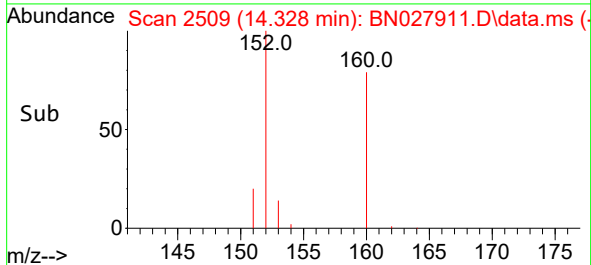
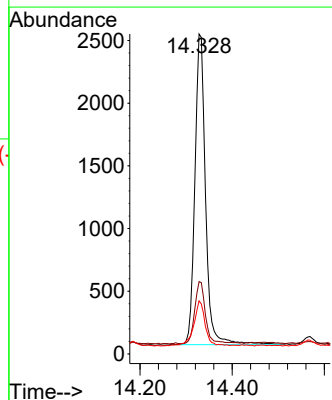
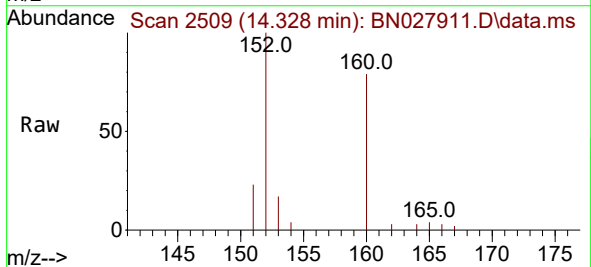
Instrument :
BNA_N
ClientSampleId :
EZY9DL

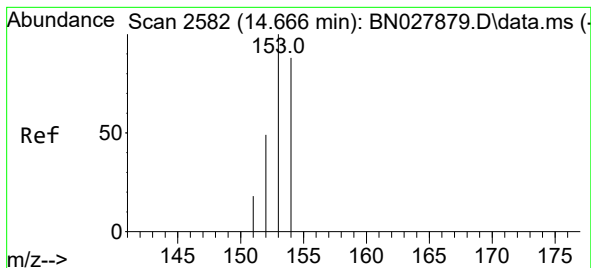
Tgt Ion:142 Resp: 1355
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2



#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:152 Resp: 3972
Ion Ratio Lower Upper
152 100
151 22.6 16.6 25.0
153 16.6 11.0 16.6#





#11

Acenaphthene

Concen: 0.058 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BN027911.D

Acq: 27 Sep 2023 22:12

Instrument :

BNA_N

ClientSampleId :

EZY9DL

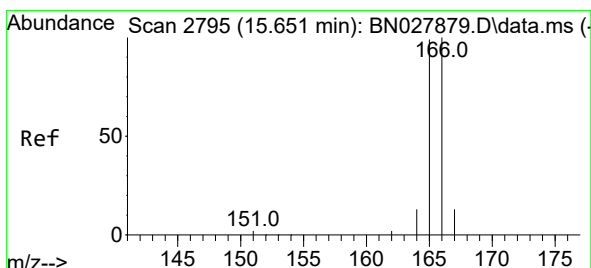
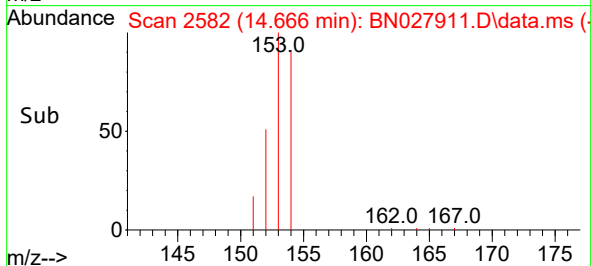
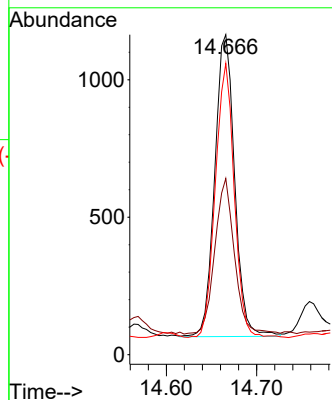
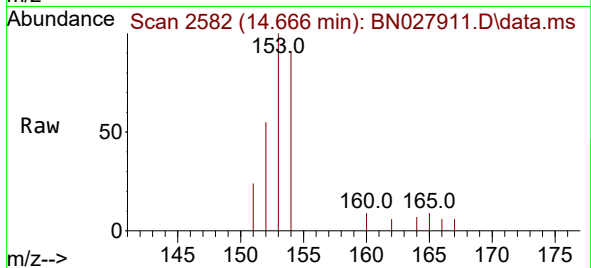
Tgt Ion:153 Resp: 1679

Ion Ratio Lower Upper

153 100

152 55.1 41.7 62.5

154 91.0 70.3 105.5



#12

Fluorene

Concen: 0.079 ng/ul

RT: 15.651 min Scan# 2795

Delta R.T. 0.000 min

Lab File: BN027911.D

Acq: 27 Sep 2023 22:12

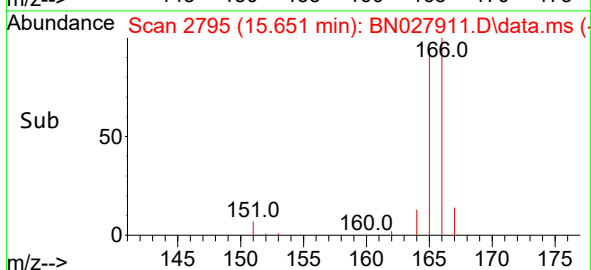
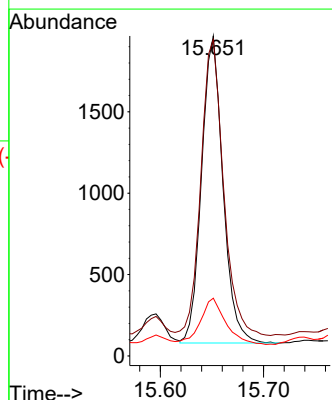
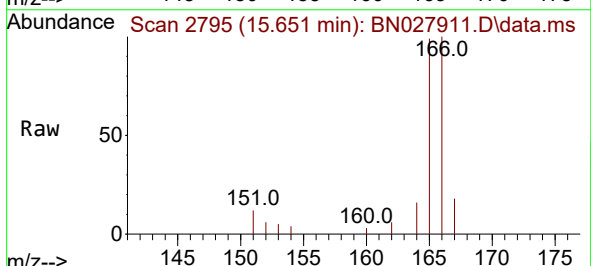
Tgt Ion:166 Resp: 2710

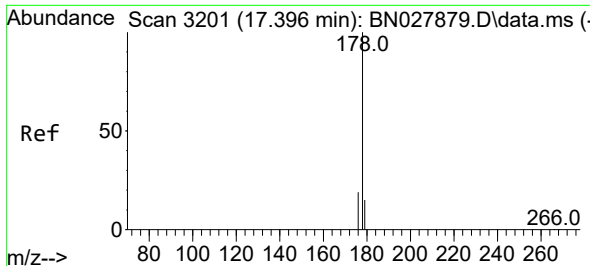
Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

167 18.1 11.4 17.2#

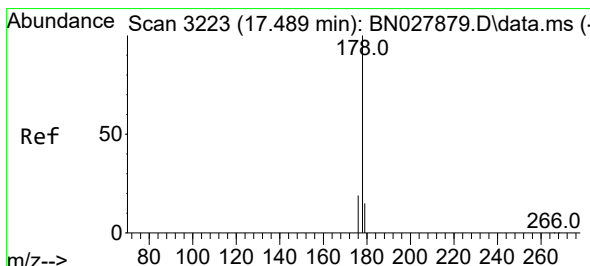
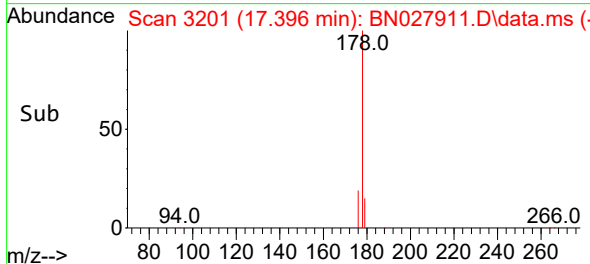
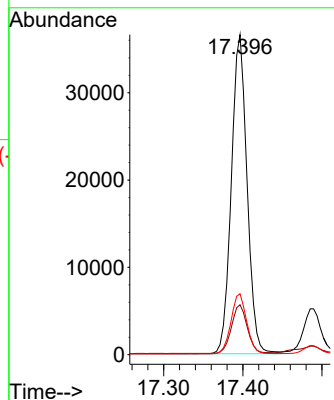
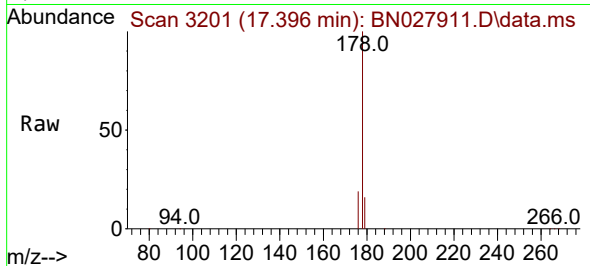




#15
Phenanthrene
Concen: 0.930 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

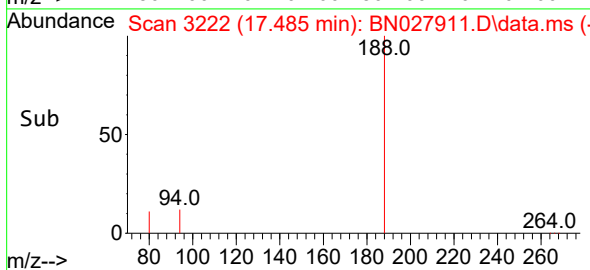
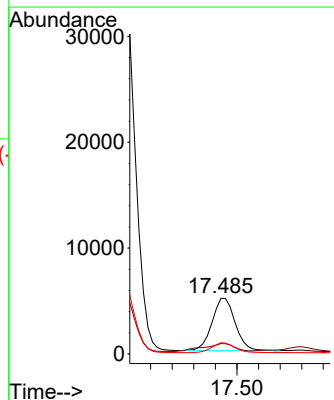
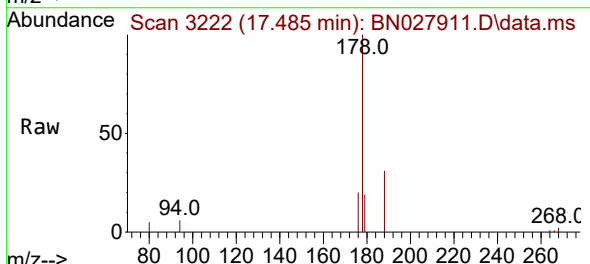
Instrument :
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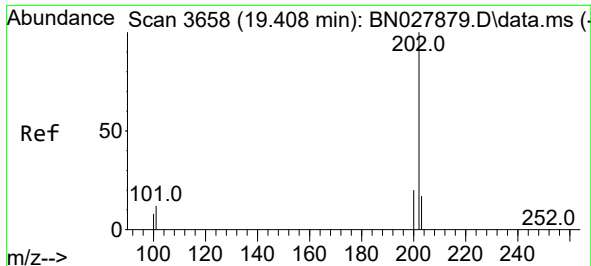
Tgt Ion:178 Resp: 50327
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.162 ng/ul
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:178 Resp: 7360
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 20.1 15.5 23.3

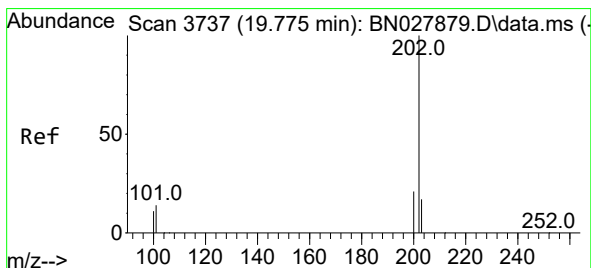
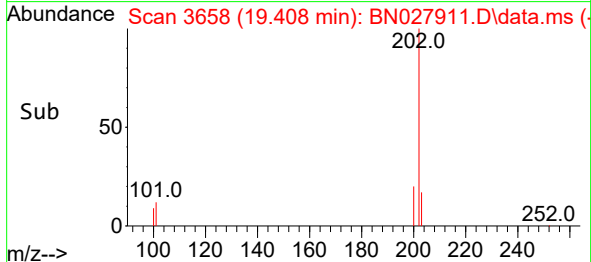
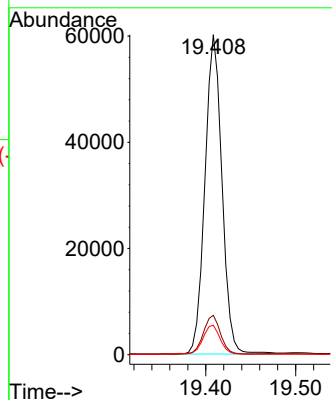
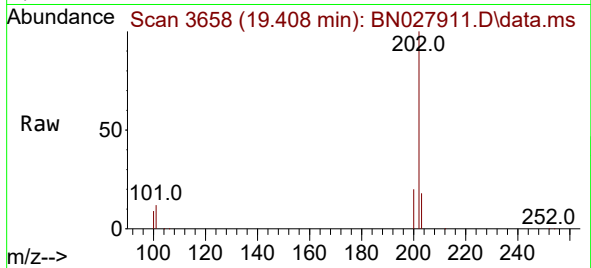




#19
Fluoranthene
Concen: 1.123 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

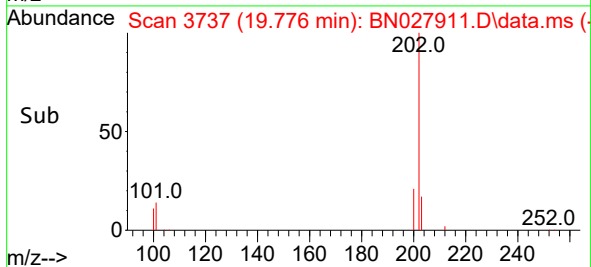
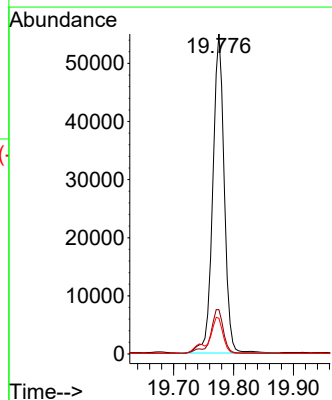
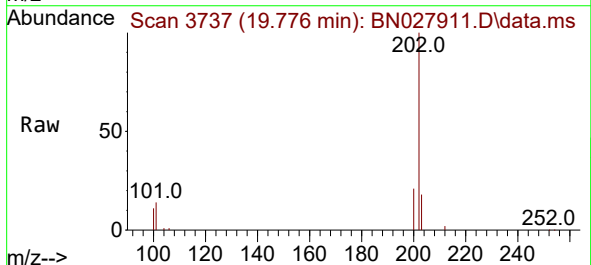
Instrument :
BNA_N
ClientSampleId :
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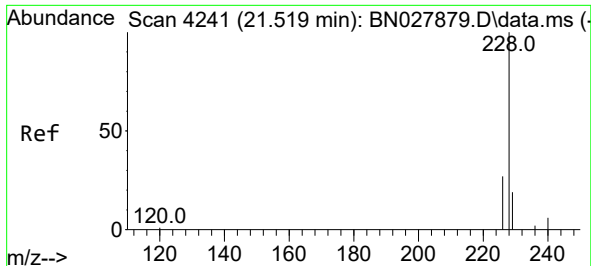
Tgt Ion:202 Resp: 79303
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 9.2 7.0 10.4



#20
Pyrene
Concen: 1.006 ng/ul
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:202 Resp: 73176
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.1 9.1 13.7

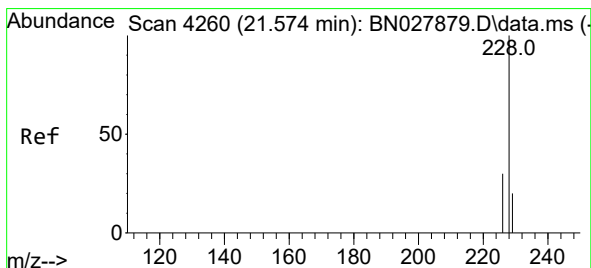
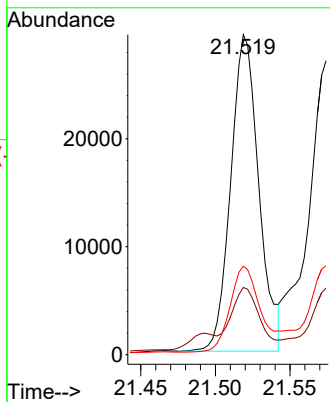
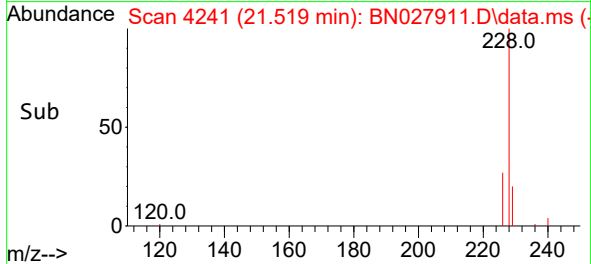
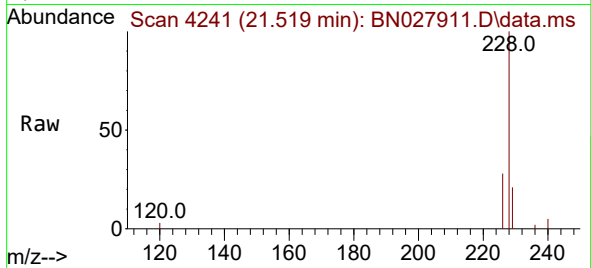




#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

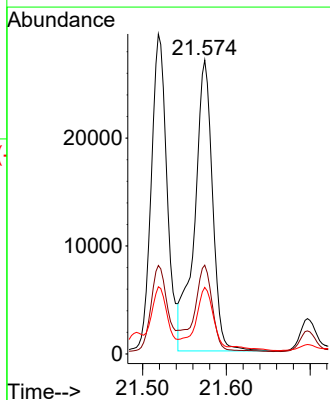
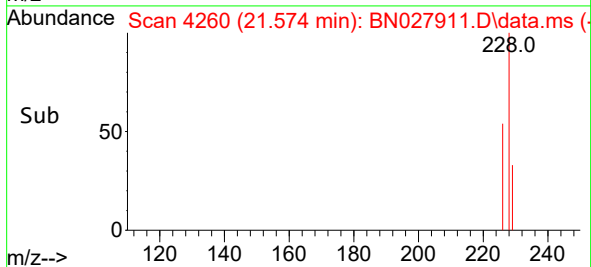
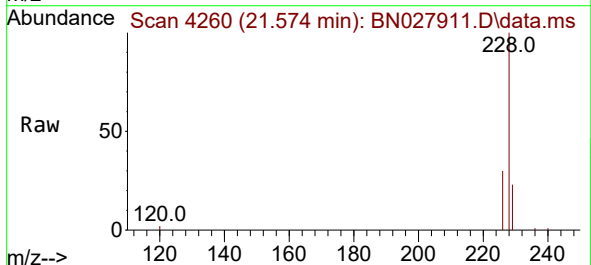
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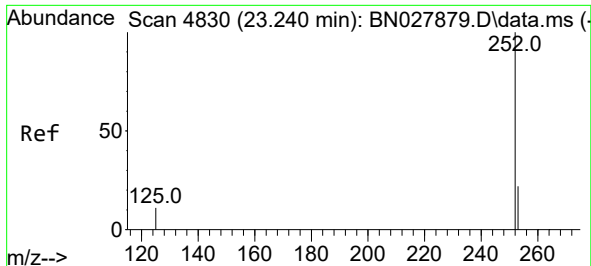
Tgt Ion:228 Resp: 38307
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.576 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

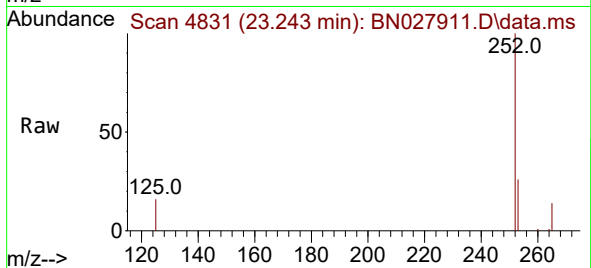
Tgt Ion:228 Resp: 40208
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.6 16.0 24.0



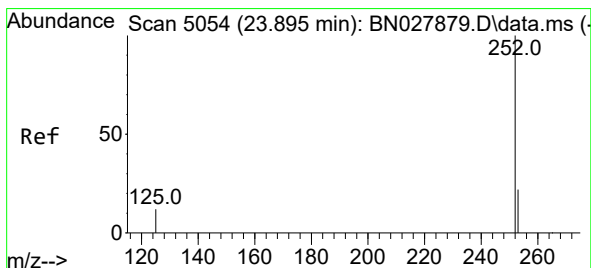
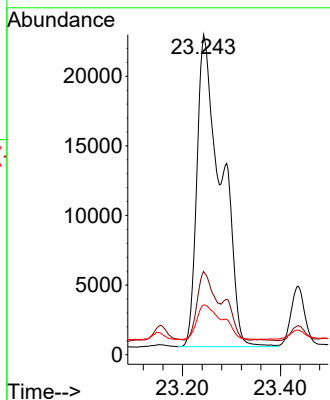


#24
Benzo(b)fluoranthene
Concen: 0.962 ng/ul
RT: 23.243 min Scan# 4830
Delta R.T. 0.003 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Instrument :
BNA_N
ClientSampleId :
EZY9DL

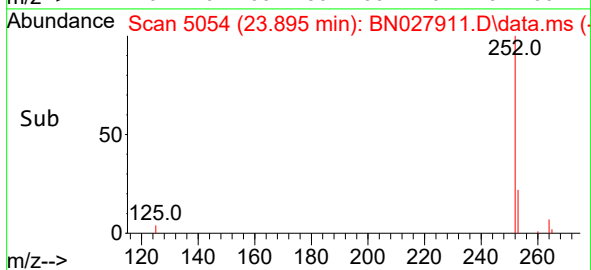
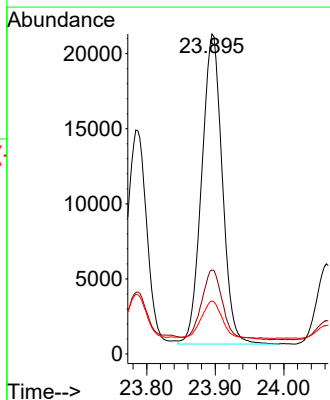
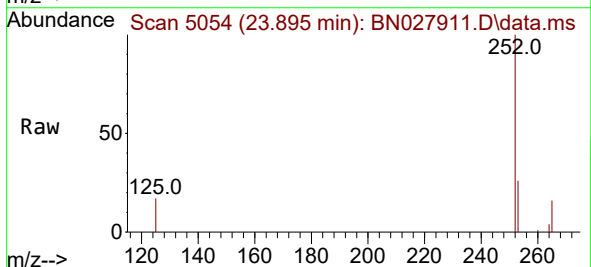


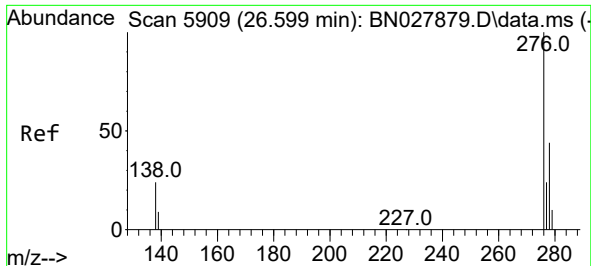
Tgt Ion:252 Resp: 77304
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.2
125 15.6 0.0 31.4



#26
Benzo(a)pyrene
Concen: 0.665 ng/ul
RT: 23.895 min Scan# 5054
Delta R.T. 0.000 min
Lab File: BN027911.D
Acq: 27 Sep 2023 22:12

Tgt Ion:252 Resp: 42974
Ion Ratio Lower Upper
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253 26.3 21.9 32.9
125 16.6 15.5 23.3

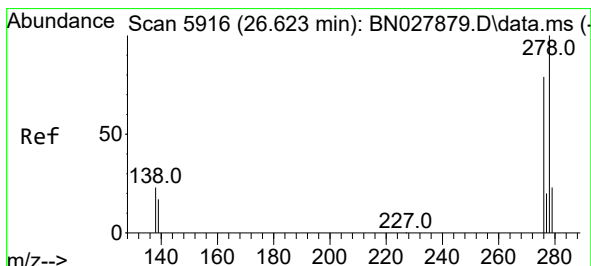
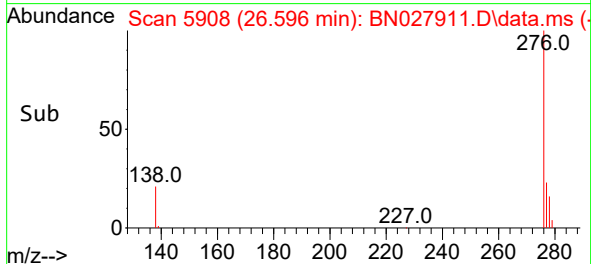
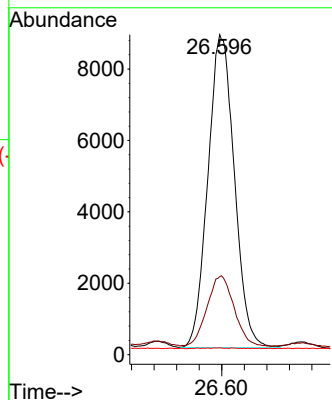
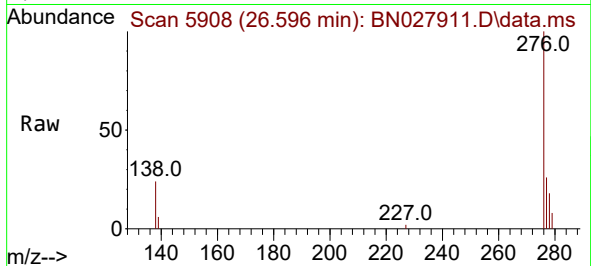




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.345 ng/ul
 RT: 26.596 min Scan# 5909
 Delta R.T. -0.003 min
 Lab File: BN027911.D
 Acq: 27 Sep 2023 22:12

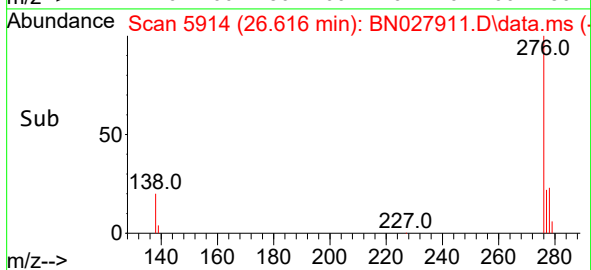
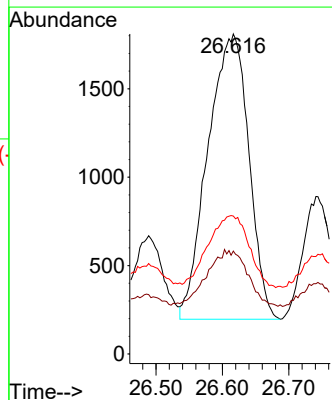
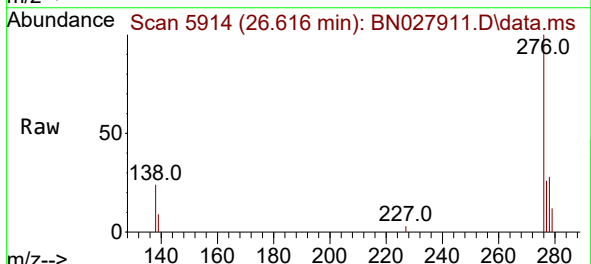
Instrument :
 BNA_N
 ClientSampleId :
 EYZE9DL

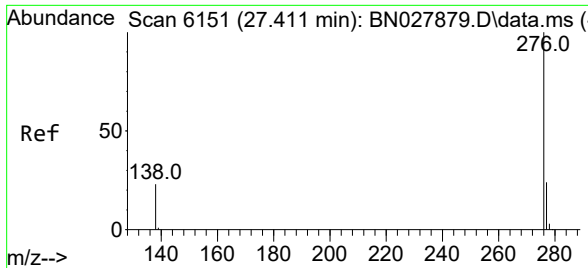
Tgt Ion:276 Resp: 28549
 Ion Ratio Lower Upper
 276 100
 138 22.9 24.3 36.5#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.104 ng/ul
 RT: 26.616 min Scan# 5914
 Delta R.T. -0.006 min
 Lab File: BN027911.D
 Acq: 27 Sep 2023 22:12

Tgt Ion:278 Resp: 6909
 Ion Ratio Lower Upper
 278 100
 139 32.2 17.2 25.8#
 279 43.1 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.385 ng/ul
 RT: 27.411 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN027911.D
 Acq: 27 Sep 2023 22:12

Instrument :
 BNA_N
 ClientSampleId :
 EZYE9DL

Tgt Ion:	276	Resp:	27030
Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.7	32.5
277	25.8	20.2	30.2

