

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027788.D
 Acq On : 21 Sep 2023 15:47
 Operator : MA/JU
 Sample : 04330-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX8

Quant Time: Sep 22 03:59:55 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)

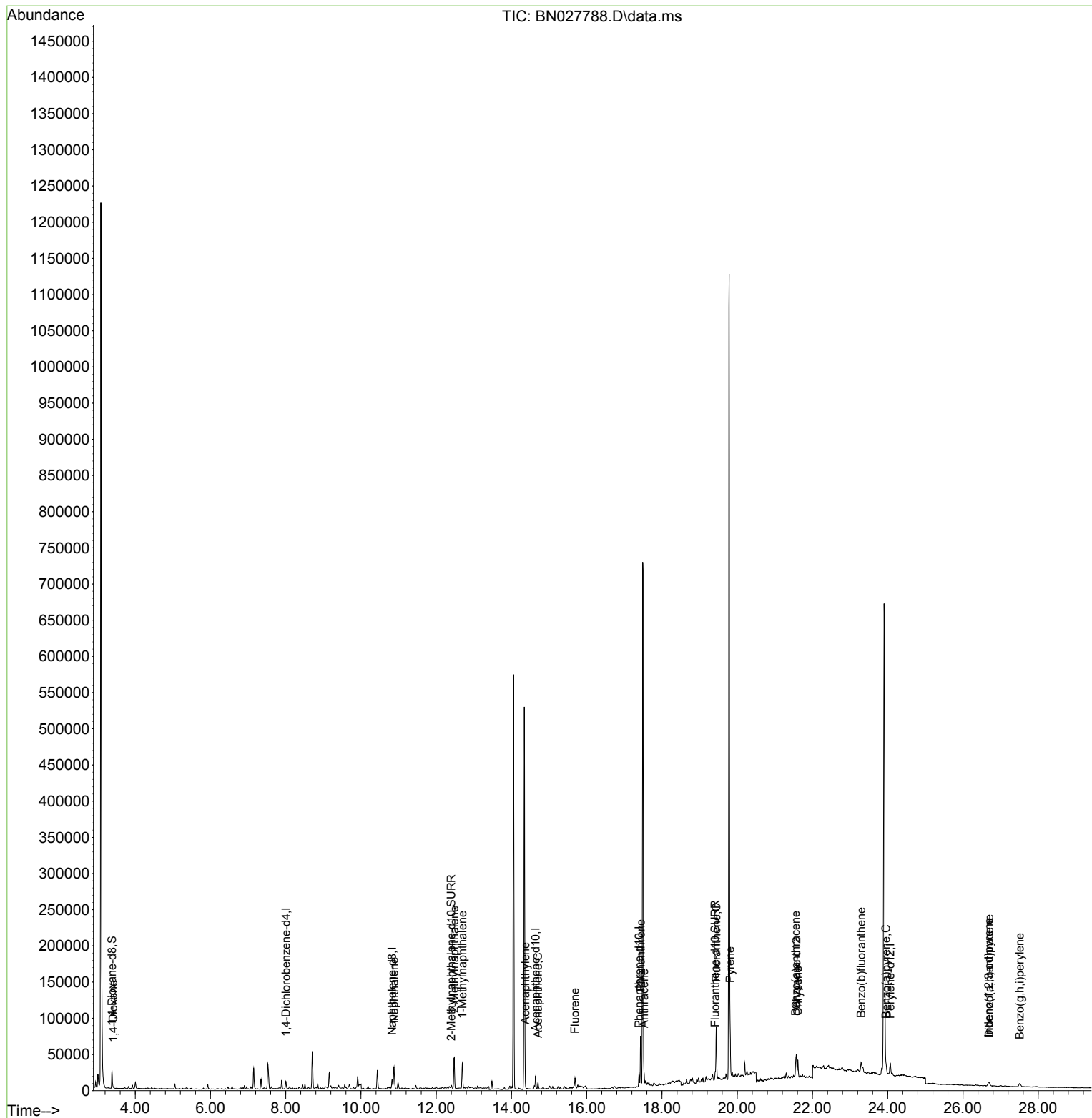
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	4720	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.823	136	16554	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	10202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	23419	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	21216	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	24201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16286	2.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4412	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	12218	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	182	0.029	ng/ul#	1
5) Naphthalene	10.878	128	41113	0.869	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	30878	1.029	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	23460	0.758	ng/ul	100
10) Acenaphthylene	14.365	152	1103	0.025	ng/ul#	10
11) Acenaphthene	14.703	153	5465	0.142	ng/ul	96
12) Fluorene	15.688	166	8859	0.196	ng/ul#	95
15) Phenanthrene	17.434	178	74873	1.017	ng/ul	98
16) Anthracene	17.523	178	13296	0.216	ng/ul#	88
19) Fluoranthene	19.446	202	65710	0.766	ng/ul	99
20) Pyrene	19.813	202	58301	0.660	ng/ul	99
21) Benzo(a)anthracene	21.554	228	19566	0.238	ng/ul#	69
22) Chrysene	21.609	228	25089	0.296	ng/ul#	66
24) Benzo(b)fluoranthene	23.293	252	32491	0.301	ng/ul#	1
26) Benzo(a)pyrene	23.954	252	14946	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.686	276	9572	0.086	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.700	278	2764	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	10064	0.107	ng/ul#	56

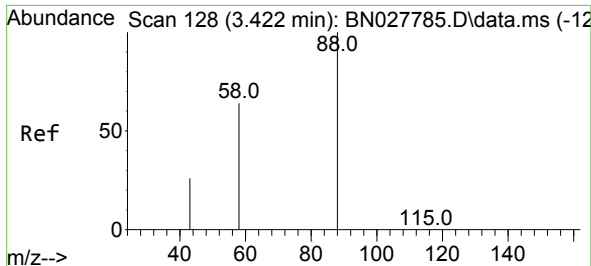
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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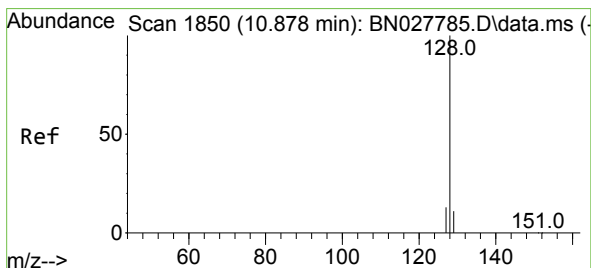
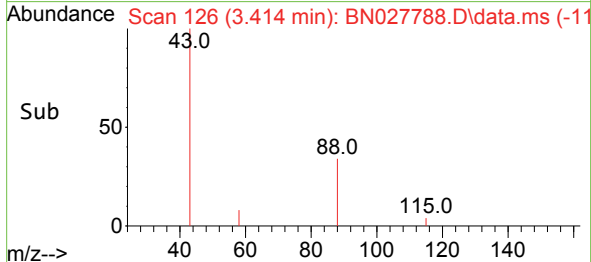
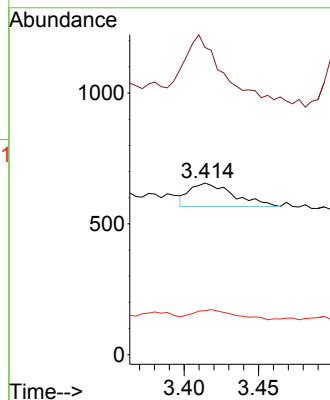
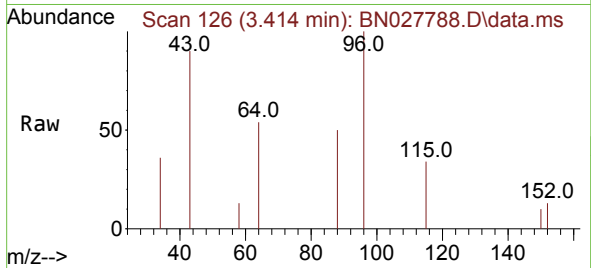




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.414 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

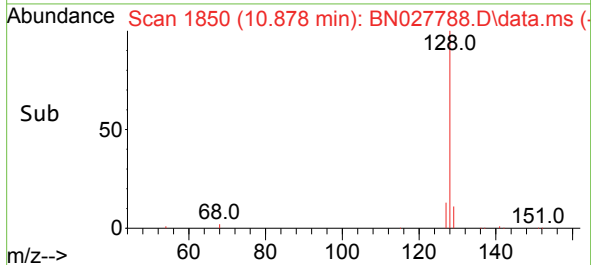
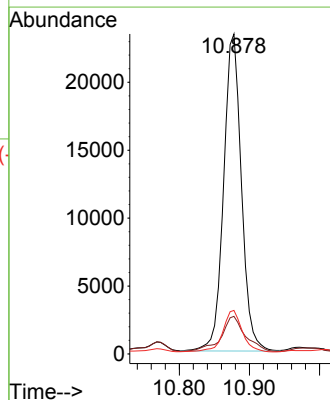
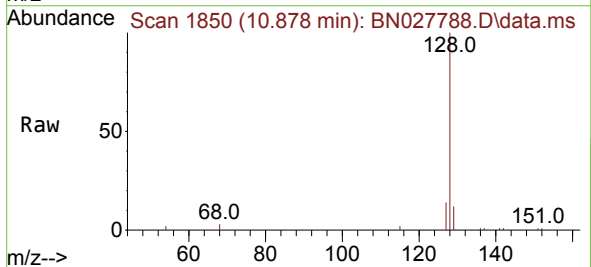
Instrument :
BNA_N
ClientSampleId :
EZYX8

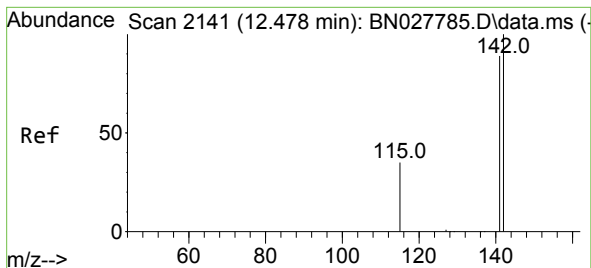
Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 179.0 39.6 59.4#
58 25.6 48.3 72.5#



#5
Naphthalene
Concen: 0.869 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

Tgt Ion: 128 Resp: 41113
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.7 16.1

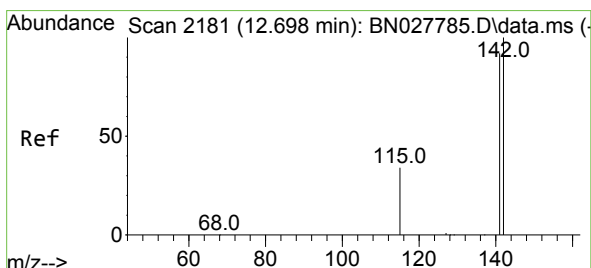
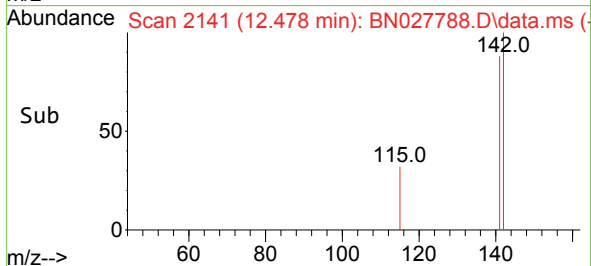
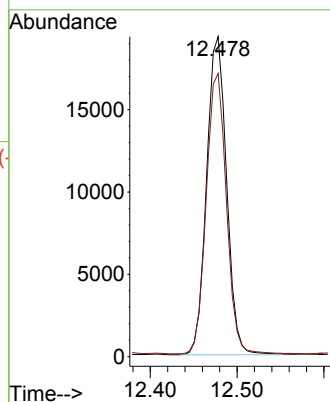
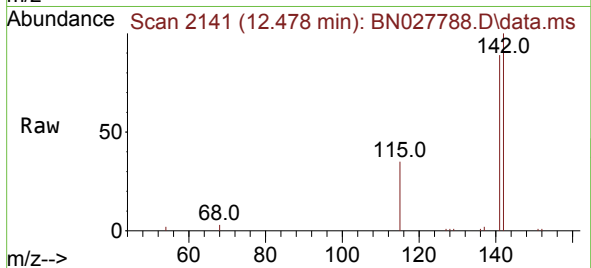




#7
2-Methylnaphthalene
Concen: 1.029 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

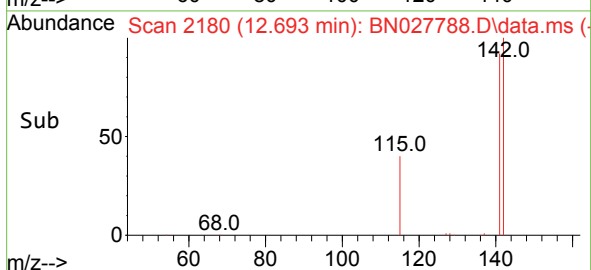
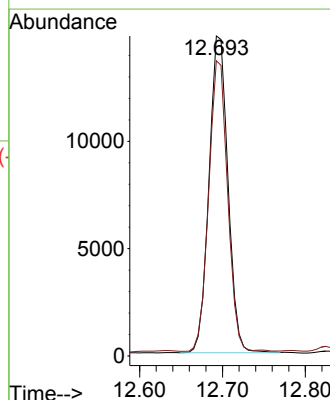
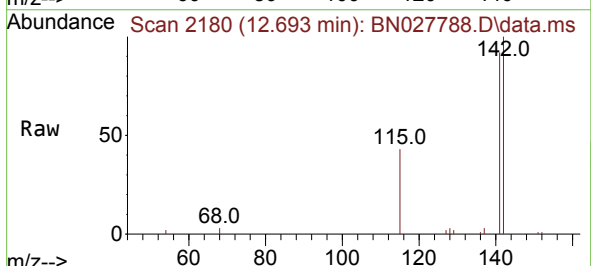
Instrument :
BNA_N
ClientSampleId :
EZYX8

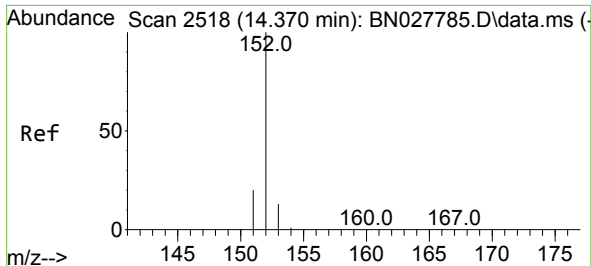
Tgt Ion:142 Resp: 30878
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.758 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

Tgt Ion:142 Resp: 23460
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

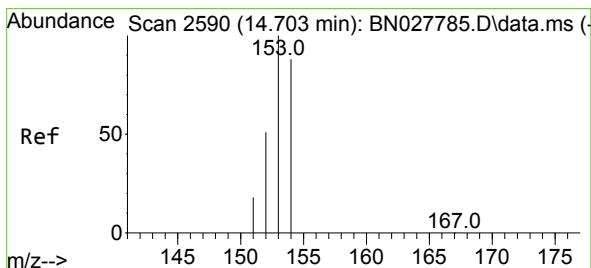
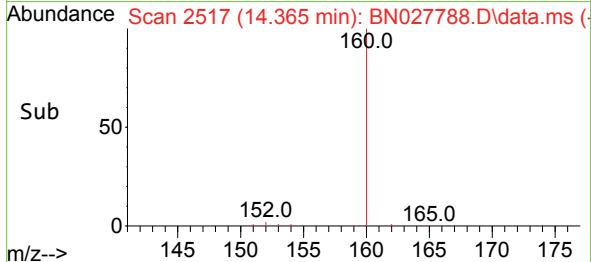
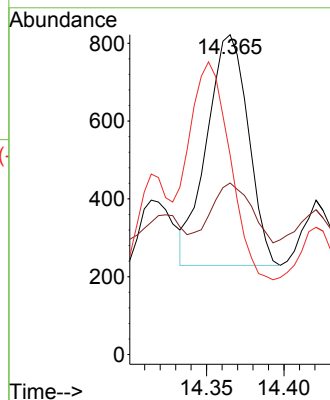
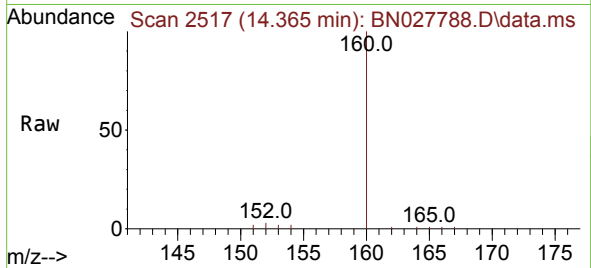




#10
Acenaphthylene
Concen: 0.025 ng/u1
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

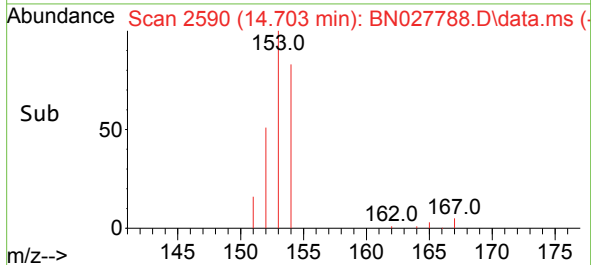
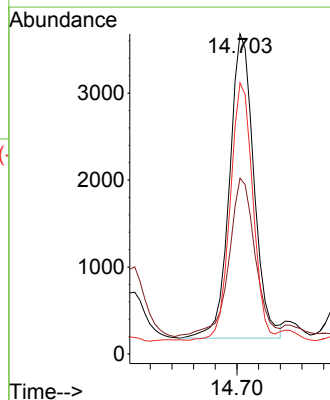
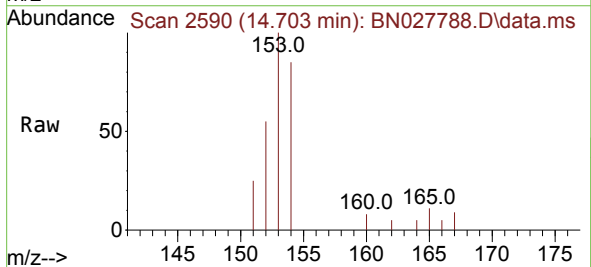
Instrument :
BNA_N
ClientSampleId :
EZYX8

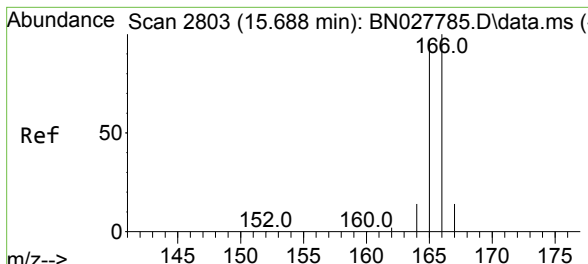
Tgt Ion:152 Resp: 1103
Ion Ratio Lower Upper
152 100
151 53.6 16.6 25.0#
153 62.4 11.0 16.6#



#11
Acenaphthene
Concen: 0.142 ng/u1
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

Tgt Ion:153 Resp: 5465
Ion Ratio Lower Upper
153 100
152 54.9 41.7 62.5
154 84.7 70.3 105.5

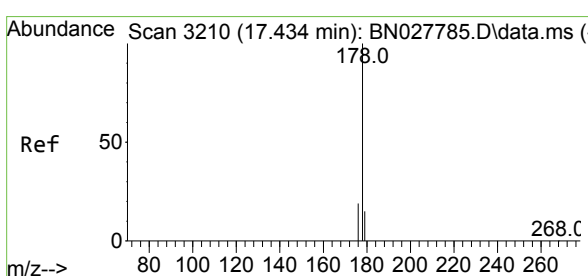
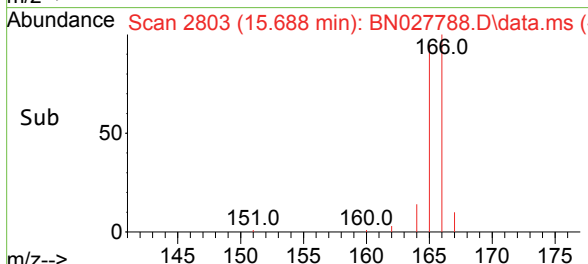
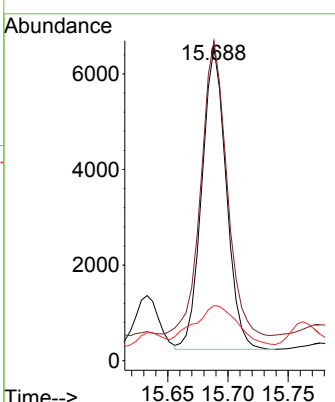
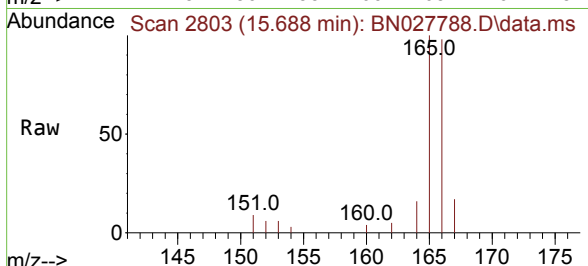




#12
 Fluorene
 Concen: 0.196 ng/ul
 RT: 15.688 min Scan# 2803
 Delta R.T. 0.000 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

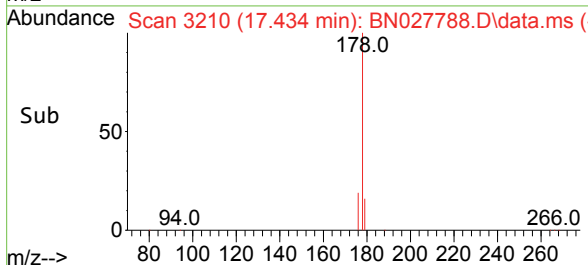
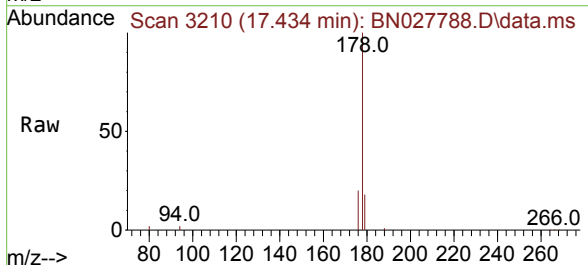
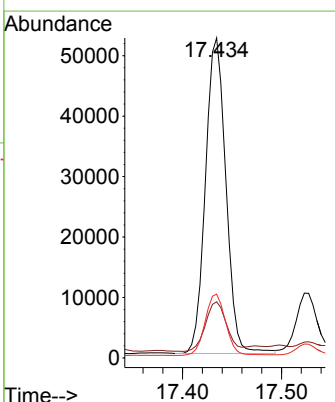
Instrument :
 BNA_N
 ClientSampleId :
 EZYX8

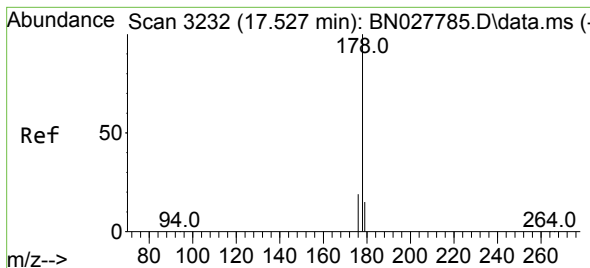
Tgt Ion:	166	Resp:	8859
Ion Ratio	Lower	Upper	
166	100		
165	102.1	78.0	117.0
167	17.6	11.4	17.2#



#15
 Phenanthrene
 Concen: 1.017 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. 0.000 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

Tgt Ion:	178	Resp:	74873
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.4	18.6
176	19.9	16.0	24.0





#16

Anthracene

Concen: 0.216 ng/ul

RT: 17.523 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027788.D

Acq: 21 Sep 2023 15:47

Instrument :

BNA_N

ClientSampleId :

EZYX8

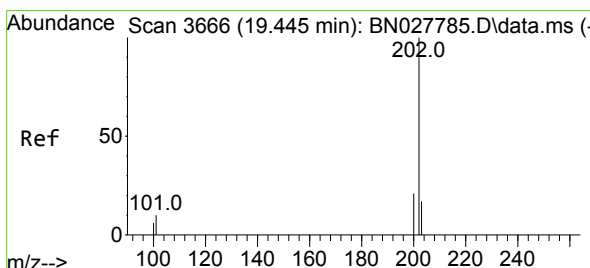
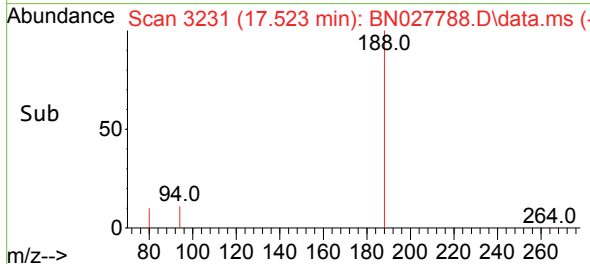
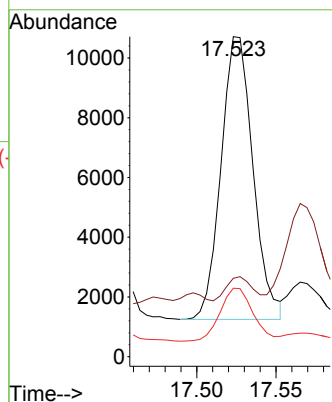
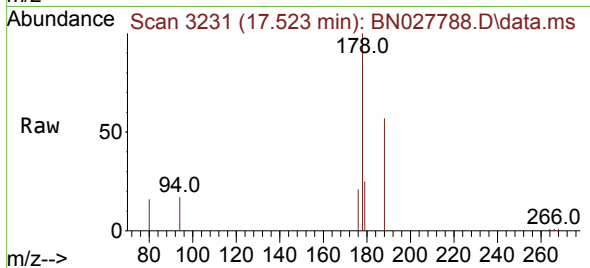
Tgt Ion:178 Resp: 13296

Ion Ratio Lower Upper

178 100

179 24.5 12.6 19.0#

176 21.4 15.5 23.3



#19

Fluoranthene

Concen: 0.766 ng/ul

RT: 19.446 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BN027788.D

Acq: 21 Sep 2023 15:47

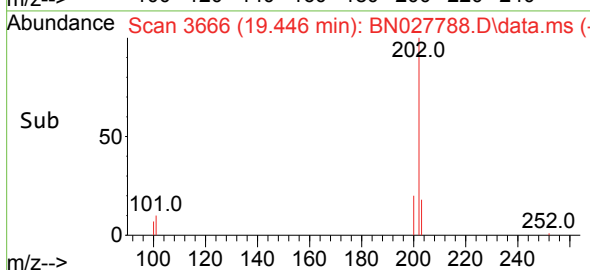
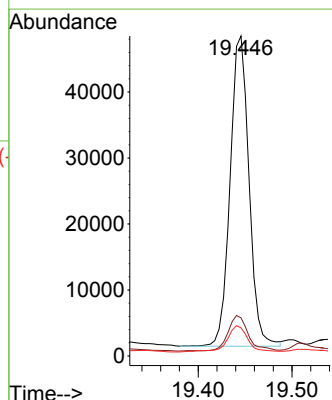
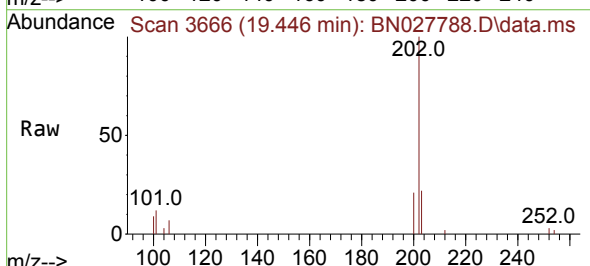
Tgt Ion:202 Resp: 65710

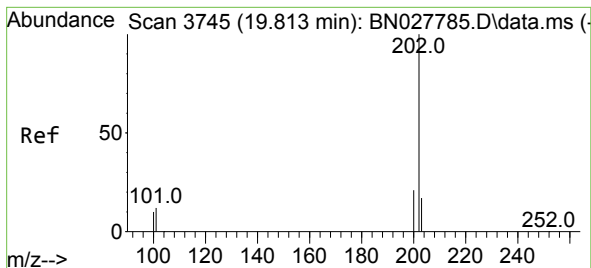
Ion Ratio Lower Upper

202 100

101 11.9 9.3 13.9

100 8.8 7.0 10.4





#20

Pyrene

Concen: 0.660 ng/ul

RT: 19.813 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027788.D

Acq: 21 Sep 2023 15:47

Instrument :

BNA_N

ClientSampleId :

EZYX8

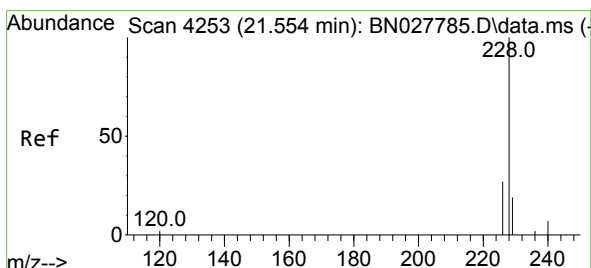
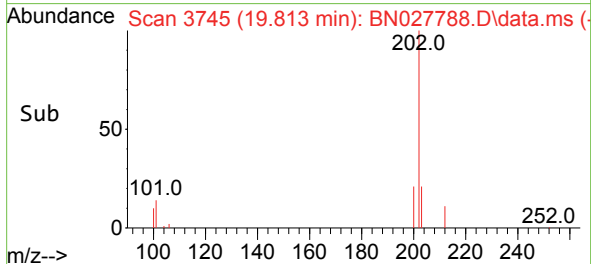
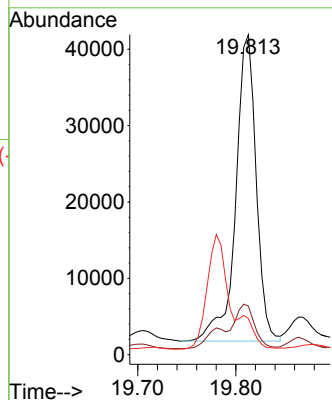
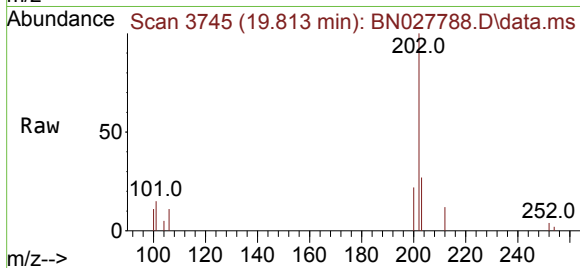
Tgt Ion:202 Resp: 58301

Ion Ratio Lower Upper

202 100

101 15.2 11.4 17.0

100 11.3 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.238 ng/ul

RT: 21.554 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BN027788.D

Acq: 21 Sep 2023 15:47

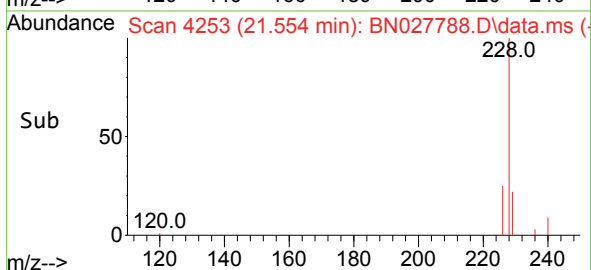
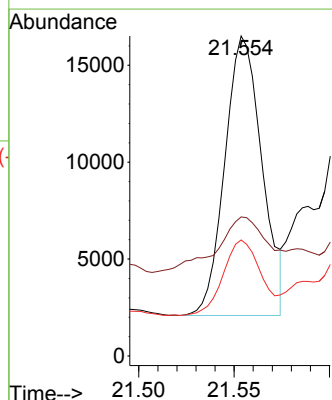
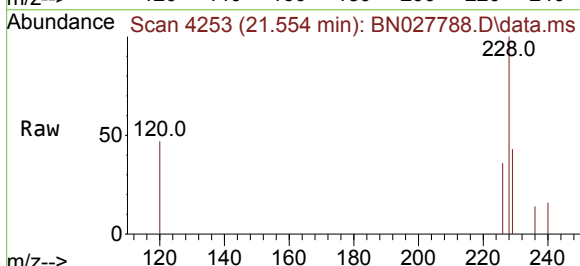
Tgt Ion:228 Resp: 19566

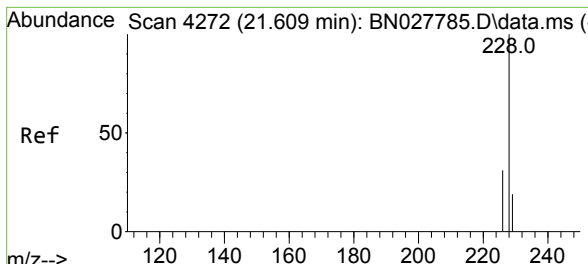
Ion Ratio Lower Upper

228 100

229 43.5 15.8 23.8#

226 36.3 22.0 33.0#





#22

Chrysene

Concen: 0.296 ng/ul

RT: 21.609 min Scan# 4272

Delta R.T. 0.000 min

Lab File: BN027788.D

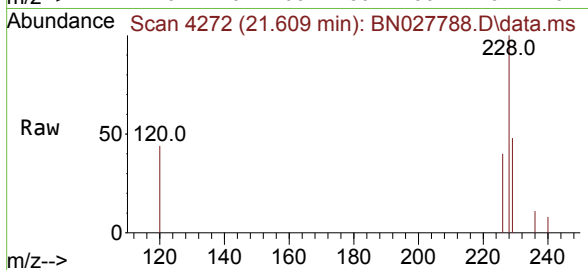
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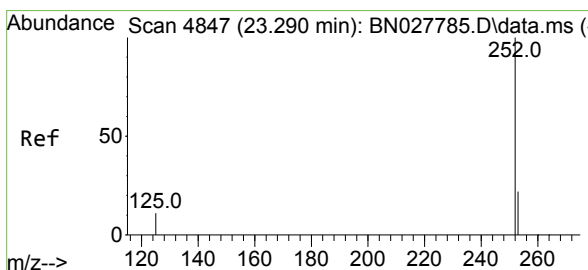
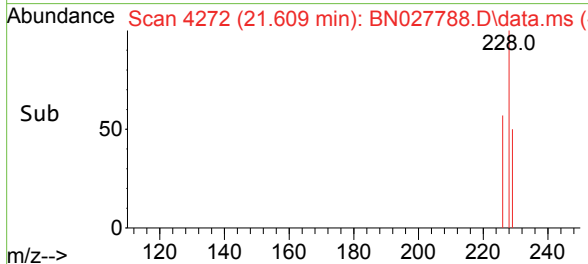
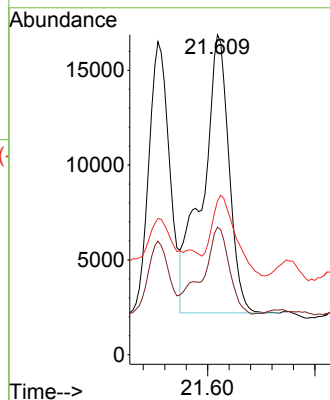
Tgt Ion:228 Resp: 25089

Ion Ratio Lower Upper

228 100

226 39.9 24.5 36.7#

229 48.0 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.301 ng/ul

RT: 23.293 min Scan# 4848

Delta R.T. 0.003 min

Lab File: BN027788.D

Acq: 21 Sep 2023 15:47

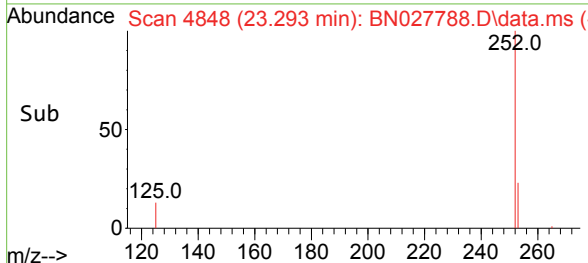
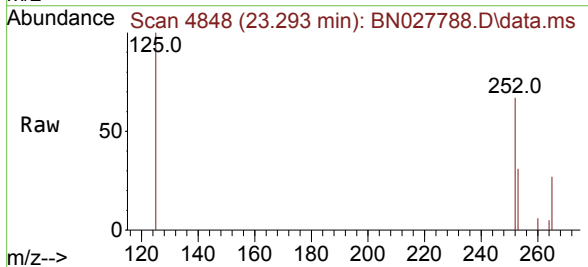
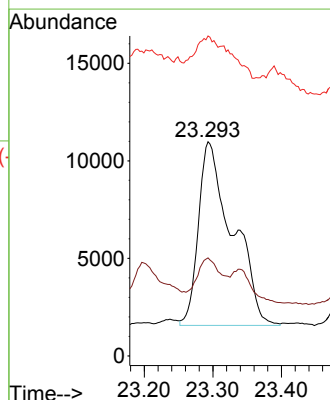
Tgt Ion:252 Resp: 32491

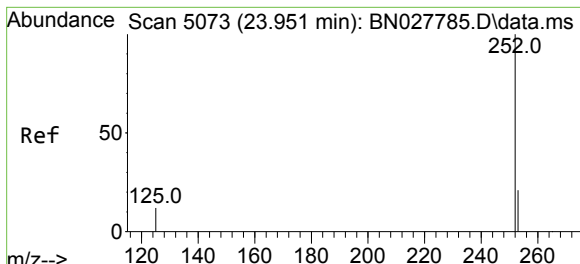
Ion Ratio Lower Upper

252 100

253 45.8 0.0 50.2

125 149.4 0.0 31.4#

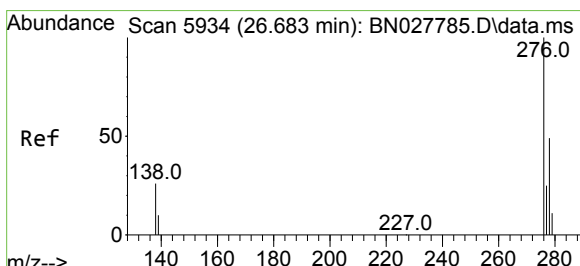
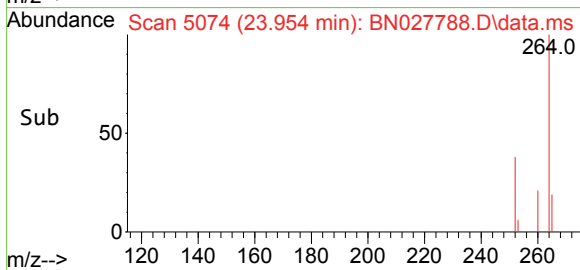
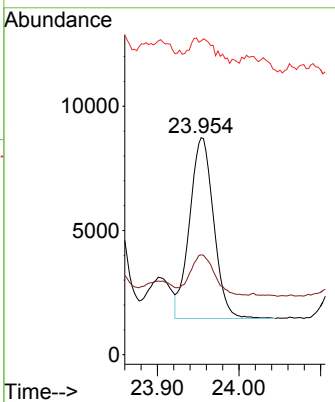
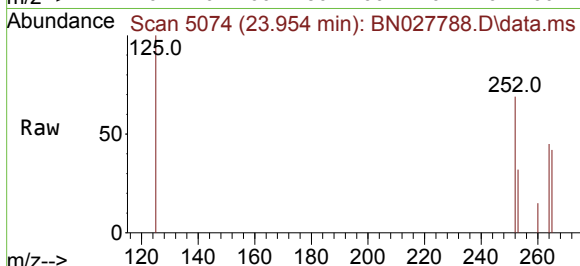




#26
Benzo(a)pyrene
Concen: 0.172 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

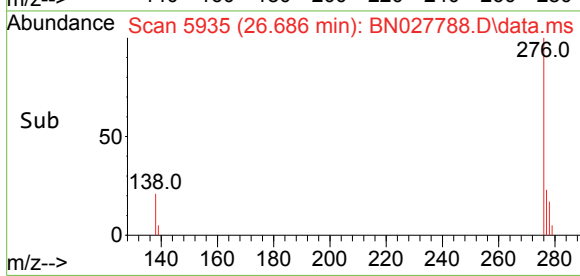
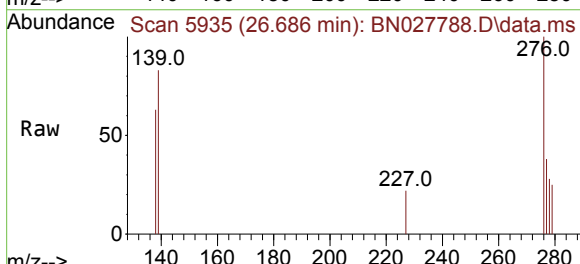
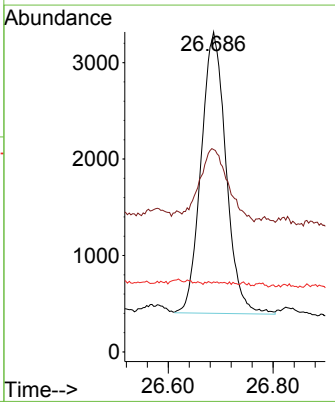
Instrument : BNA_N
ClientSampleId : EZYX8

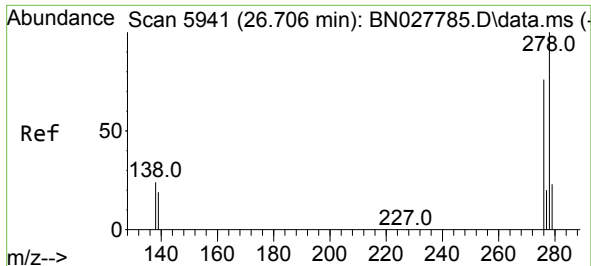
Tgt Ion:	252	Resp:	14946
Ion Ratio	Lower	Upper	
252	100		
253	46.0	21.9	32.9#
125	144.6	15.5	23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.686 min Scan# 5935
Delta R.T. 0.003 min
Lab File: BN027788.D
Acq: 21 Sep 2023 15:47

Tgt Ion:	276	Resp:	9572
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.3	36.5
227	1.0	0.0	0.0#

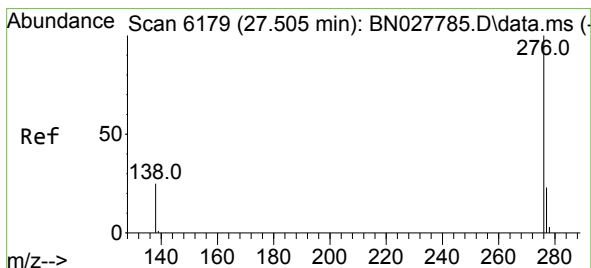
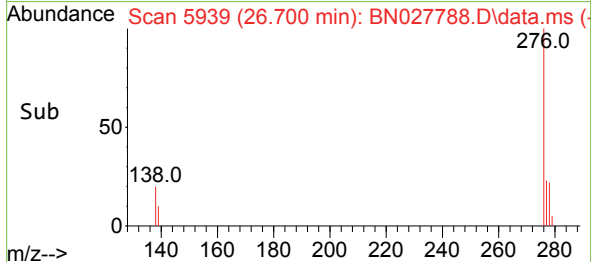
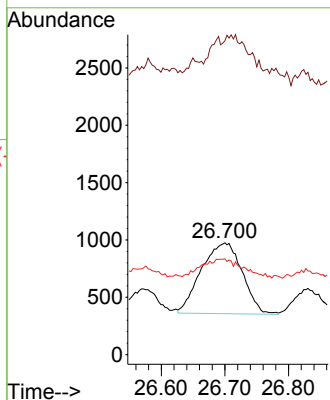
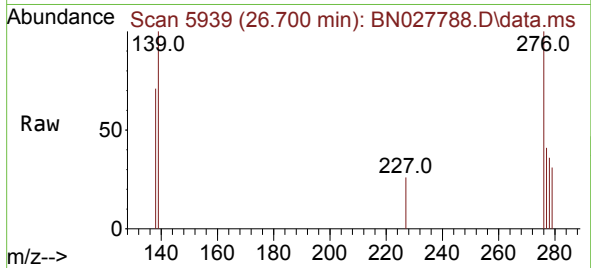




#28
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 26.700 min Scan# 5941
 Delta R.T. -0.007 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

Instrument :
 BNA_N
 ClientSampleId :
 EZYX8

Tgt Ion:278 Resp: 2764
 Ion Ratio Lower Upper
 278 100
 139 280.7 17.2 25.8#
 279 85.6 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.107 ng/ul
 RT: 27.511 min Scan# 6181
 Delta R.T. 0.007 min
 Lab File: BN027788.D
 Acq: 21 Sep 2023 15:47

Tgt Ion:276 Resp: 10064
 Ion Ratio Lower Upper
 276 100
 138 60.6 21.7 32.5#
 277 36.6 20.2 30.2#

