

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026549.D
 Acq On : 17 Jul 2023 22:44
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M1

Quant Time: Jul 18 04:23:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

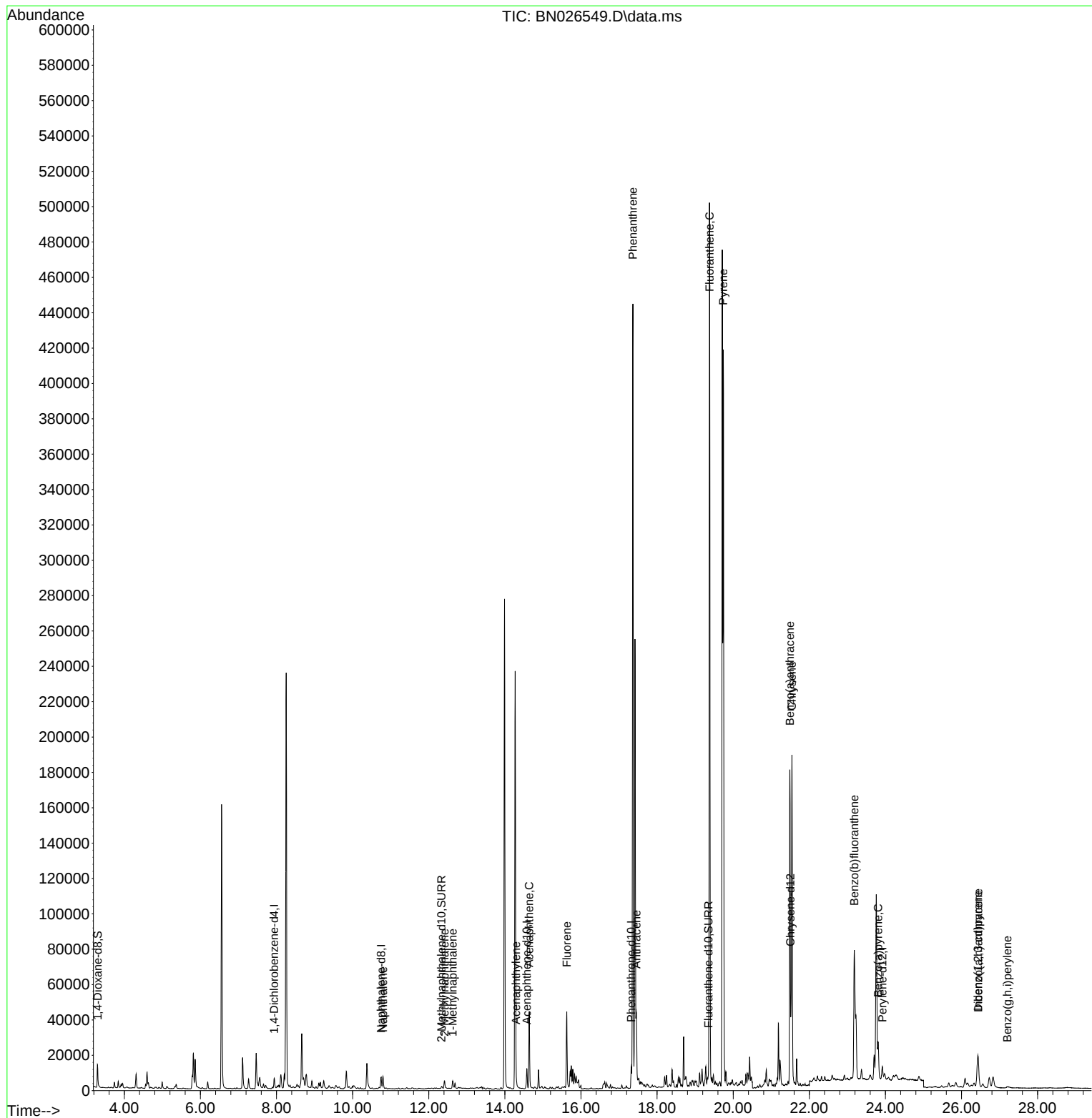
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3422	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	9784	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	6476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	15362	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	11879	0.400	ng/ul	#-0.01
23) Perylene-d12	23.920	264	9968	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8850	1.964	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1938	0.146	ng/ul	-0.01
18) Fluoranthene-d10	19.349	212	6202	0.151	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	10374	0.386	ng/ul	100
7) 2-Methylnaphthalene	12.414	142	3728	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	3202	0.196	ng/ul	98
10) Acenaphthylene	14.297	152	1946	0.061	ng/ul#	67
11) Acenaphthene	14.640	153	26399	1.093	ng/ul	99
12) Fluorene	15.625	166	27702	1.093	ng/ul	99
15) Phenanthrene	17.364	178	466409	9.533	ng/ul	97
16) Anthracene	17.457	178	45866	1.080	ng/ul	96
19) Fluoranthene	19.377	202	449823	8.079	ng/ul#	96
20) Pyrene	19.740	202	381355	6.306	ng/ul	97
21) Benzo(a)anthracene	21.488	228	157127	3.599	ng/ul	99
22) Chrysene	21.543	228	188755	3.799	ng/ul	98
24) Benzo(b)fluoranthene	23.183	252	176058	4.534	ng/ul	85
26) Benzo(a)pyrene	23.809	252	32154	0.930	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.430	276	30393	0.671	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.437	278	12859	0.370	ng/ul#	94
29) Benzo(g,h,i)perylene	27.205	276	1810	0.045	ng/ul#	67

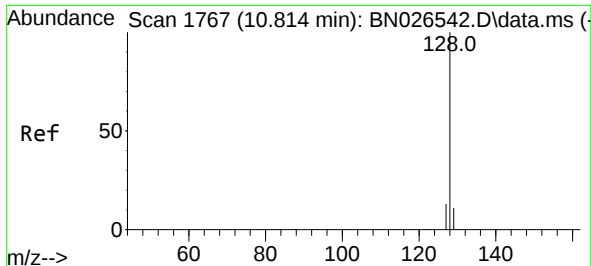
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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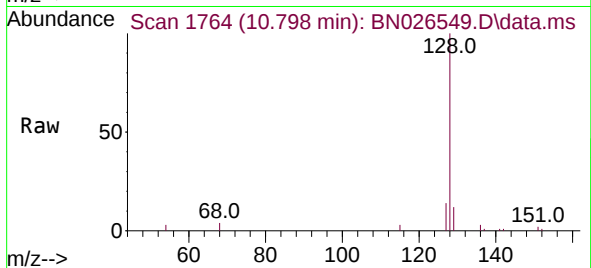
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



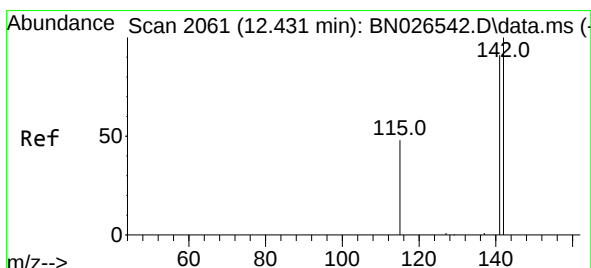
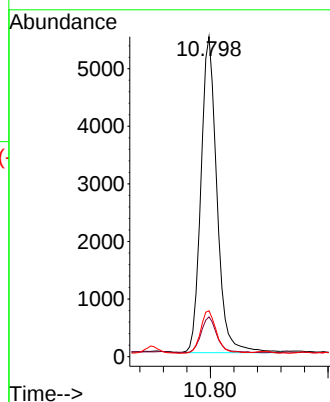
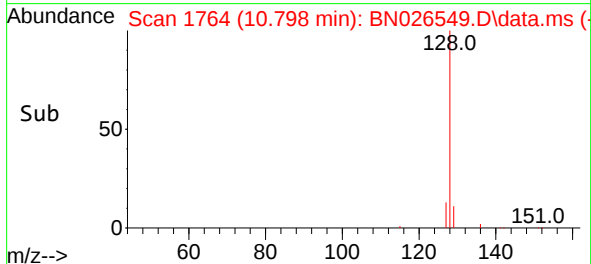


#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Instrument :
BNA_N
ClientSampleId :
A46M1

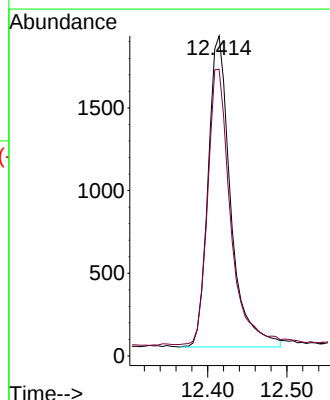
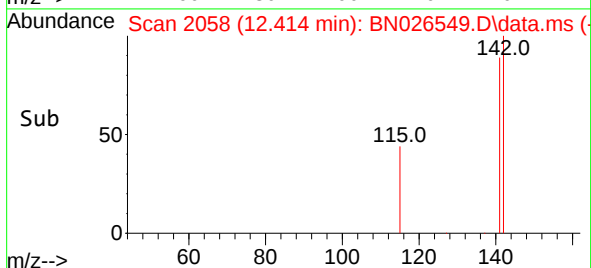
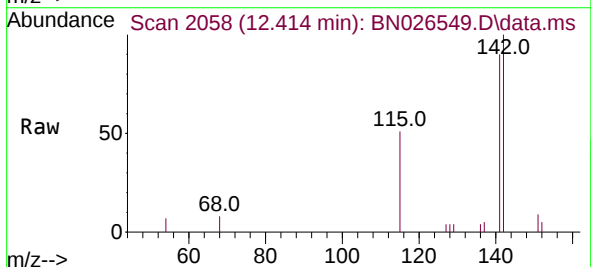


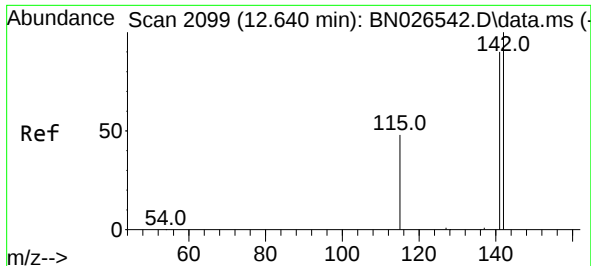
Tgt Ion:128 Resp: 10374
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.2
127 14.3 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:142 Resp: 3728
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5

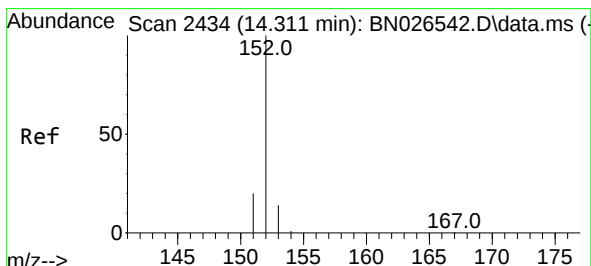
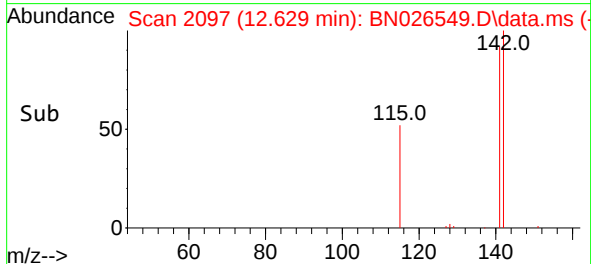
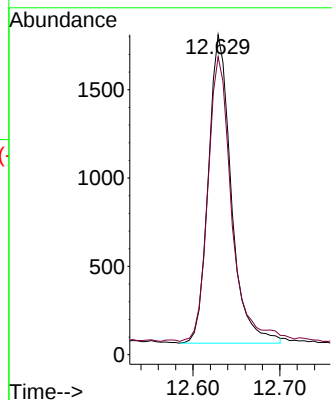
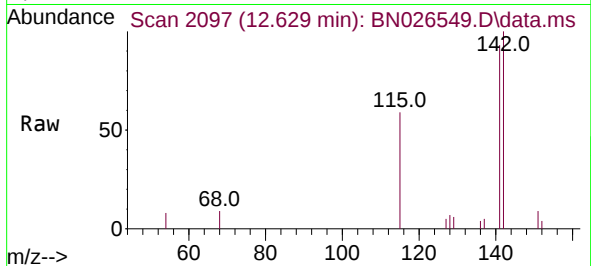




#8
1-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

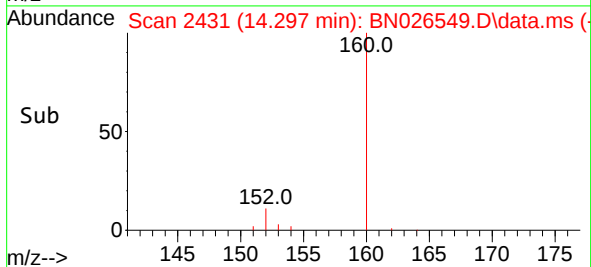
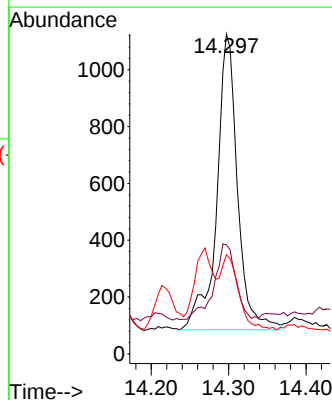
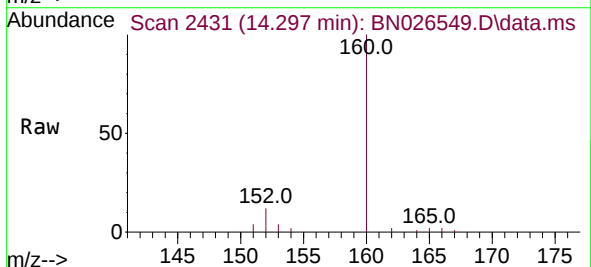
Instrument :
BNA_N
ClientSampleId :
A46M1

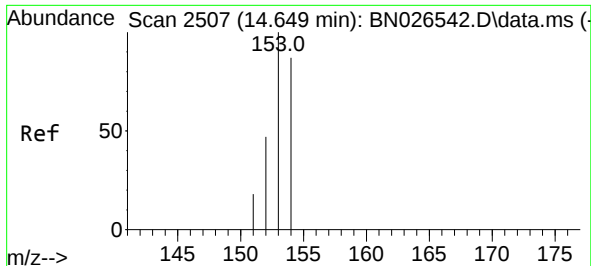
Tgt Ion:142 Resp: 3202
Ion Ratio Lower Upper
142 100
141 94.6 74.5 111.7



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:152 Resp: 1946
Ion Ratio Lower Upper
152 100
151 34.1 17.0 25.6#
153 31.0 11.4 17.2#

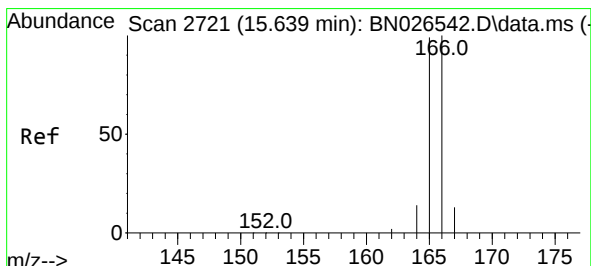
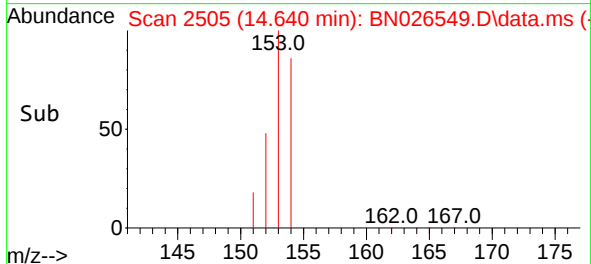
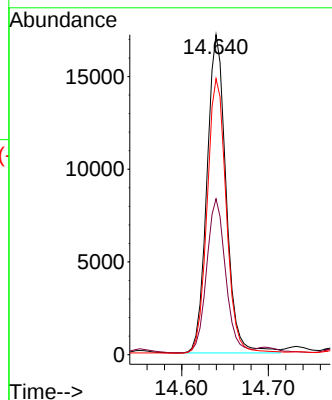
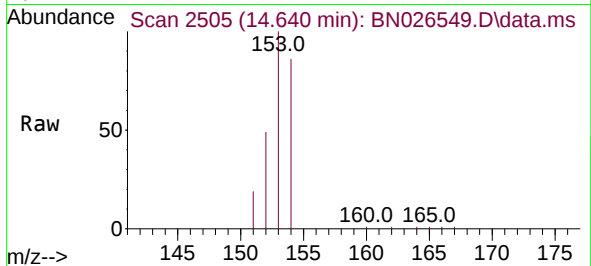




#11
Acenaphthene
Concen: 1.093 ng/ul
RT: 14.640 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

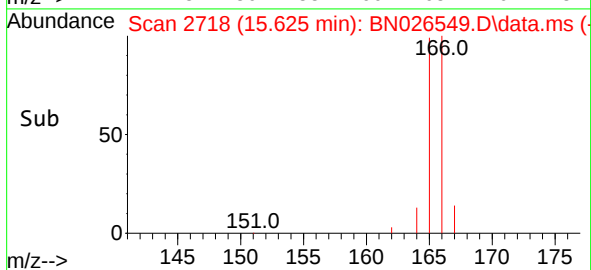
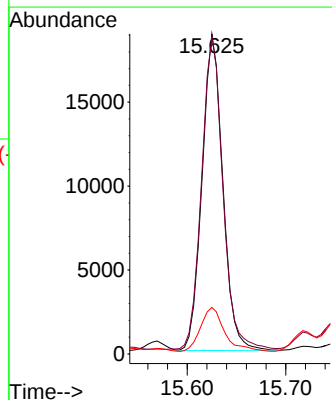
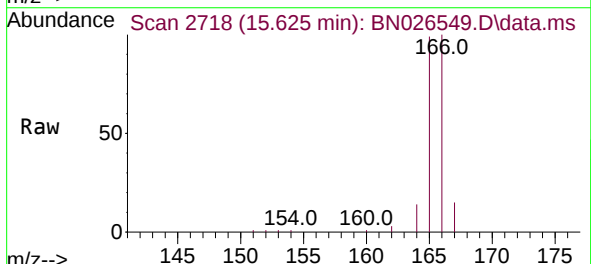
Instrument :
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ClientSampleId :
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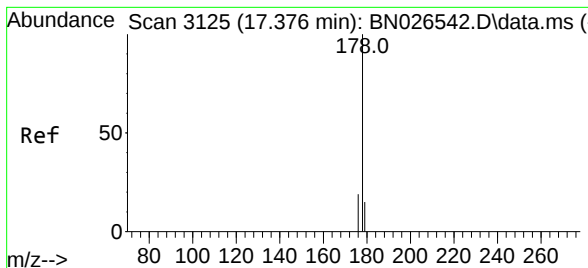
Tgt Ion:153 Resp: 26399
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 86.2 69.3 103.9



#12
Fluorene
Concen: 1.093 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:166 Resp: 27702
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 14.5 12.0 18.0





#15

Phenanthrene

Concen: 9.533 ng/u1

RT: 17.364 min Scan# 3122

Delta R.T. -0.008 min

Lab File: BN026549.D

Acq: 17 Jul 2023 22:44

Instrument :

BNA_N

ClientSampleId :

A46M1

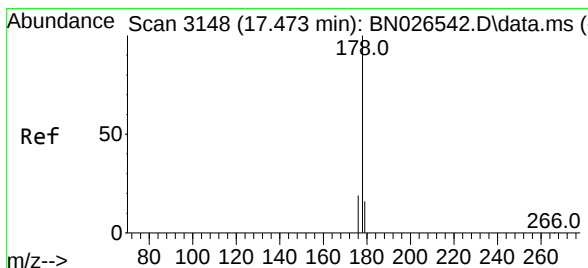
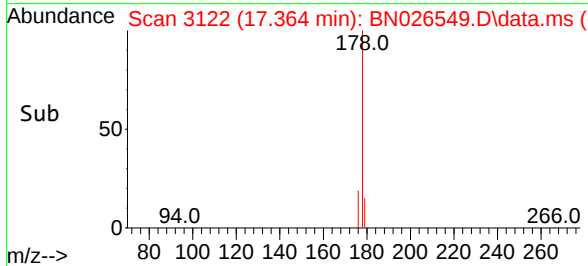
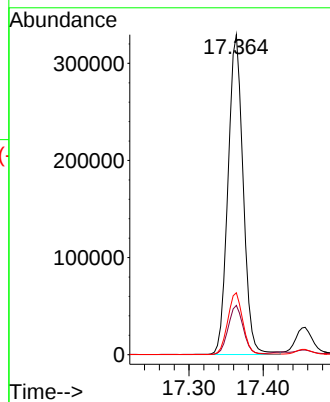
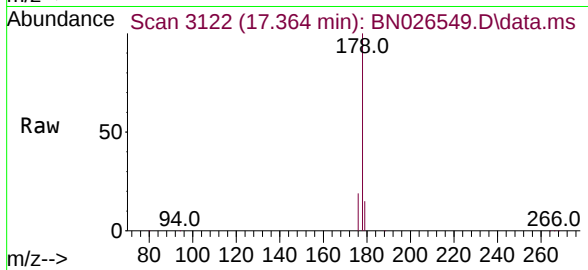
Tgt Ion:178 Resp: 466409

Ion Ratio Lower Upper

178 100

179 15.4 13.7 20.5

176 19.3 16.5 24.7



#16

Anthracene

Concen: 1.080 ng/u1

RT: 17.457 min Scan# 3144

Delta R.T. -0.008 min

Lab File: BN026549.D

Acq: 17 Jul 2023 22:44

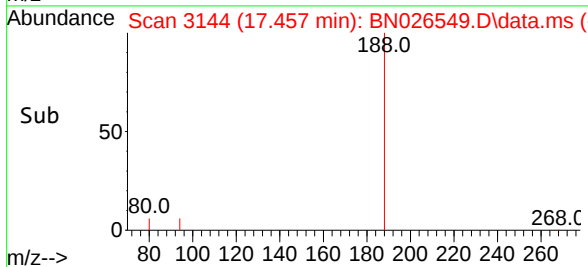
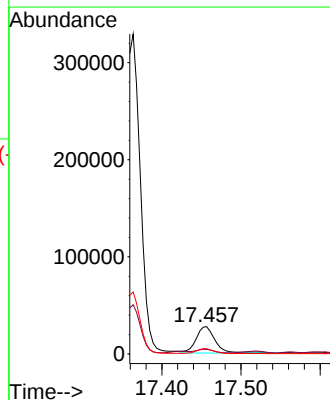
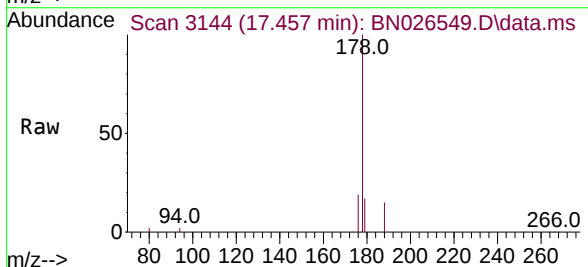
Tgt Ion:178 Resp: 45866

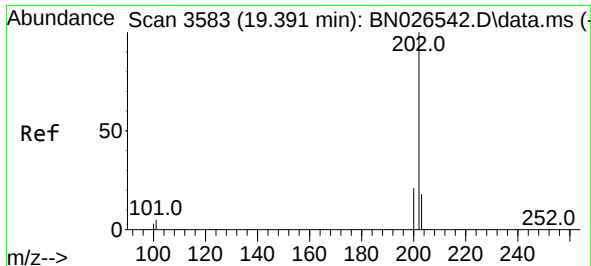
Ion Ratio Lower Upper

178 100

179 16.8 14.8 22.2

176 19.2 16.6 25.0

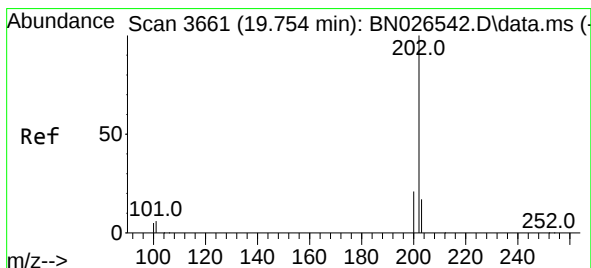
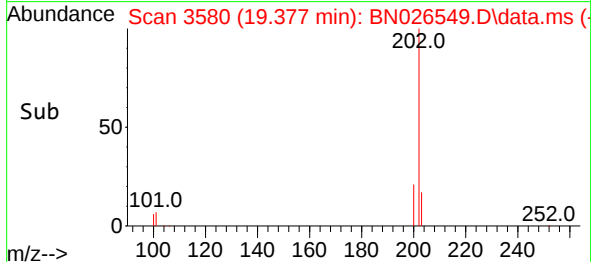
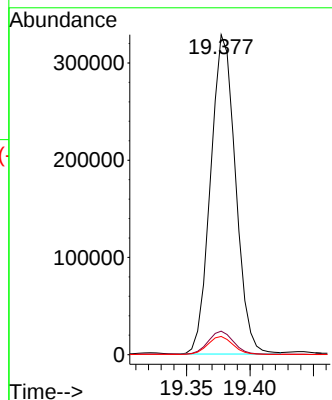
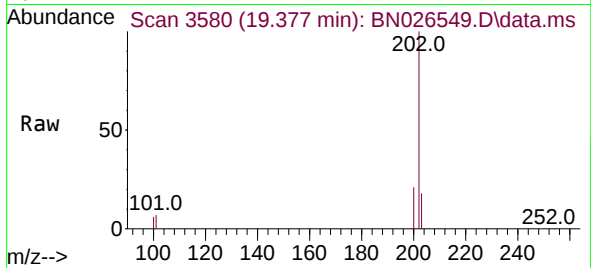




#19
Fluoranthene
Concen: 8.079 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. -0.009 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

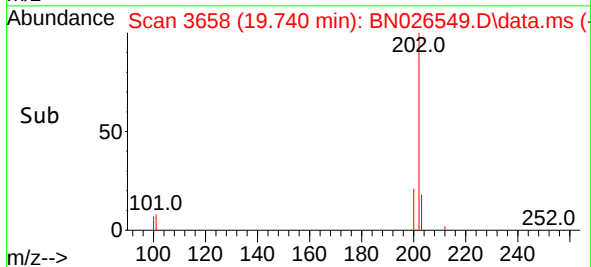
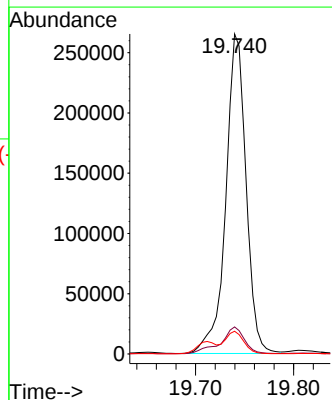
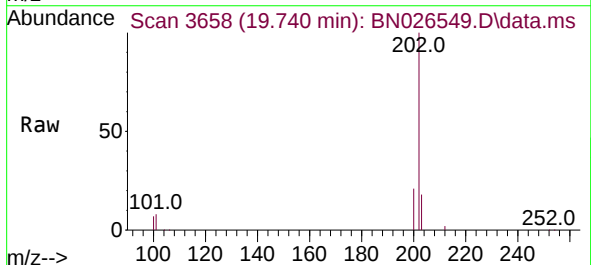
Instrument :
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A46M1

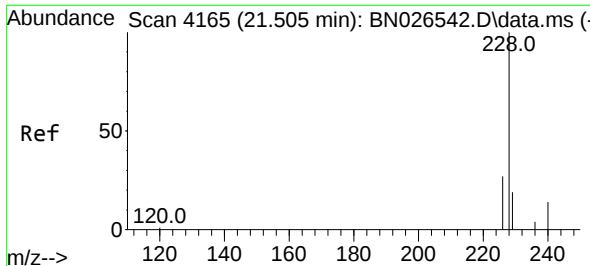
Tgt Ion:202 Resp: 449823
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 5.7 6.0 9.0#



#20
Pyrene
Concen: 6.306 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

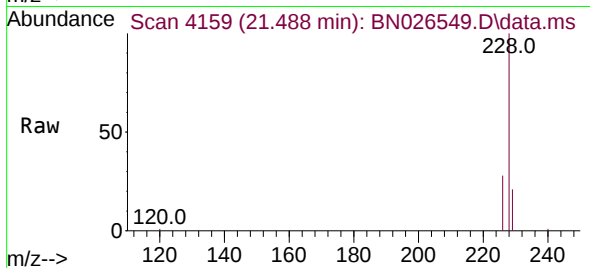
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Ion Ratio Lower Upper
202 100
101 8.5 8.0 12.0
100 7.1 6.2 9.2



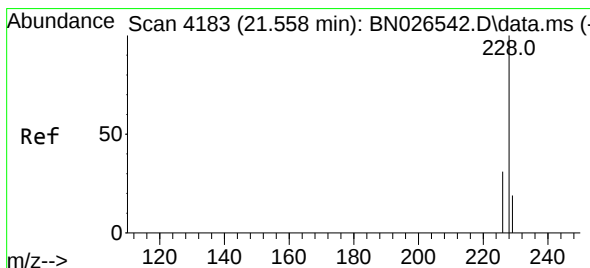
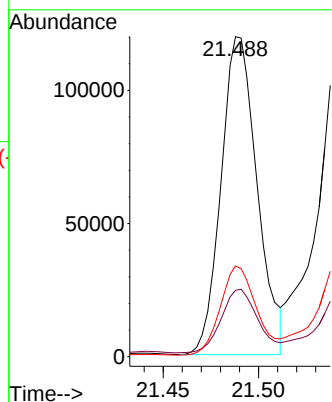


#21
Benzo(a)anthracene
Concen: 3.599 ng/ul
RT: 21.488 min Scan# 4165
Delta R.T. -0.015 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Instrument :
BNA_N
ClientSampleId :
A46M1

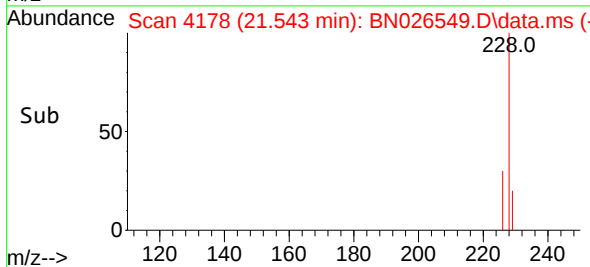
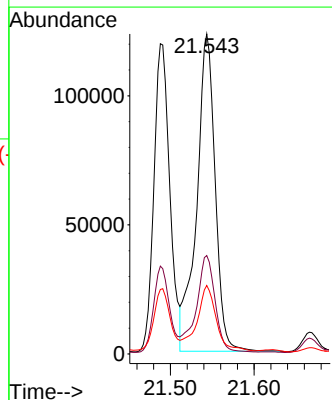
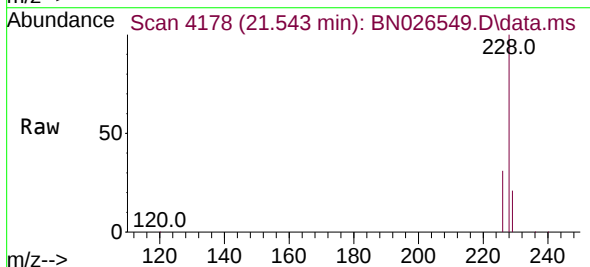


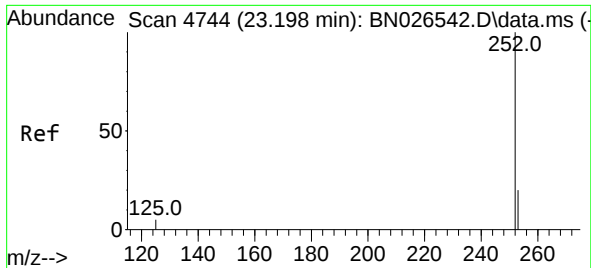
Tgt Ion:228 Resp: 157127
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 28.3 23.5 35.3



#22
Chrysene
Concen: 3.799 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.015 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:228 Resp: 188755
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.4 16.4 24.6

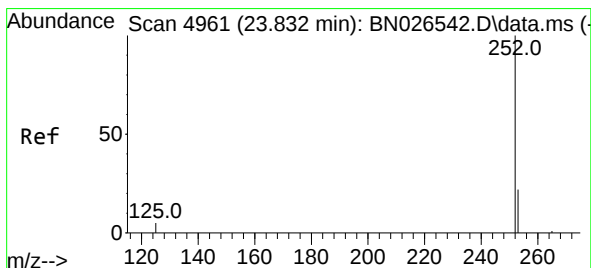
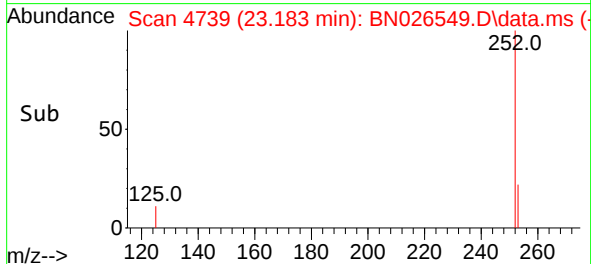
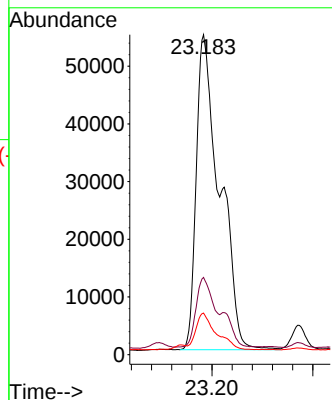
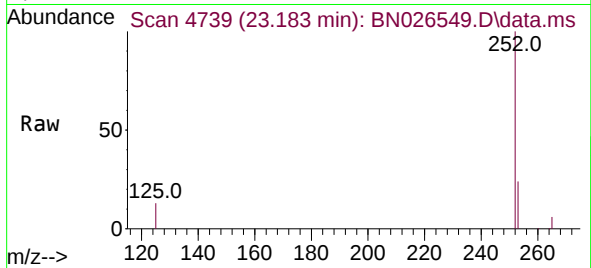




#24
Benzo(b)fluoranthene
Concen: 4.534 ng/ul
RT: 23.183 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

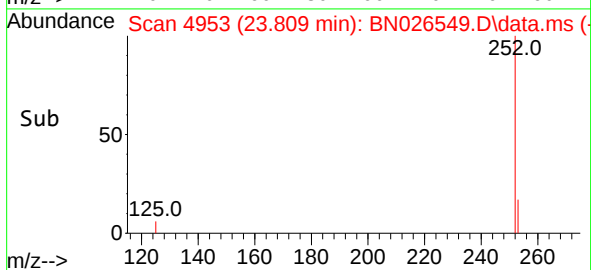
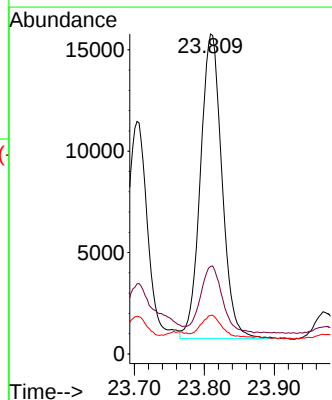
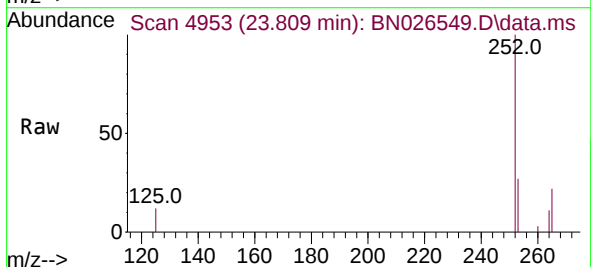
Instrument :
BNA_N
ClientSampleId :
A46M1

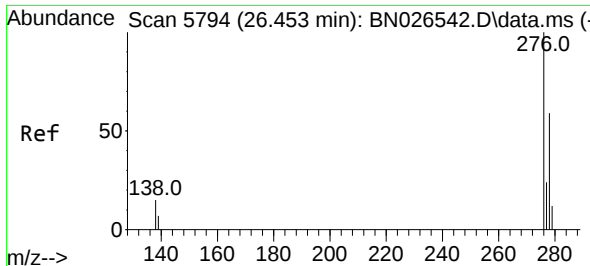
Tgt Ion:252 Resp: 176058
Ion Ratio Lower Upper
252 100
253 24.1 0.0 68.6
125 13.0 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.930 ng/ul
RT: 23.809 min Scan# 4953
Delta R.T. -0.018 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:252 Resp: 32154
Ion Ratio Lower Upper
252 100
253 27.3 32.6 49.0#
125 12.1 19.3 28.9#

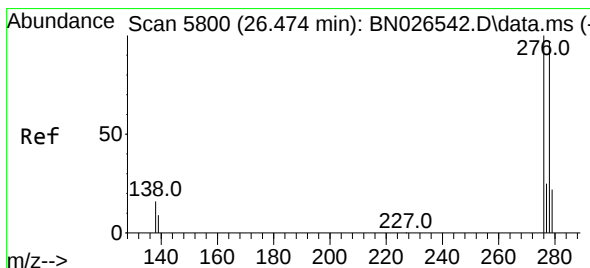
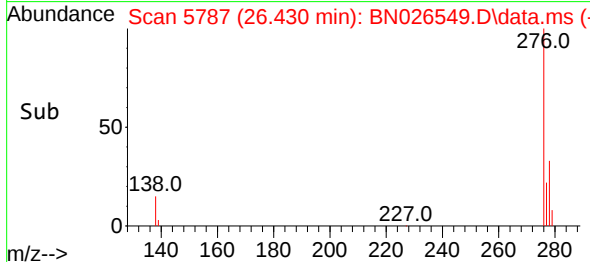
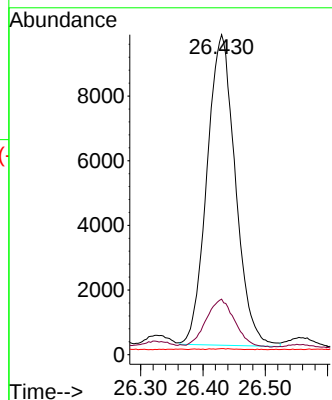
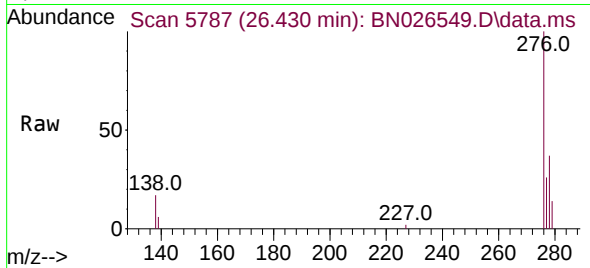




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.671 ng/ul
 RT: 26.430 min Scan# 5794
 Delta R.T. -0.023 min
 Lab File: BN026549.D
 Acq: 17 Jul 2023 22:44

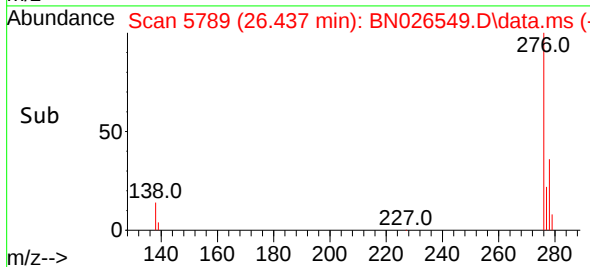
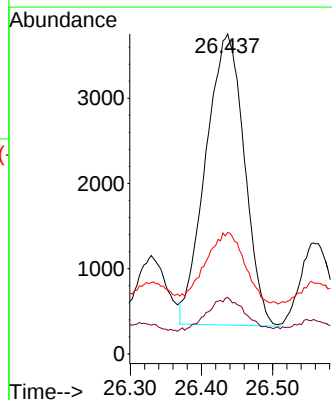
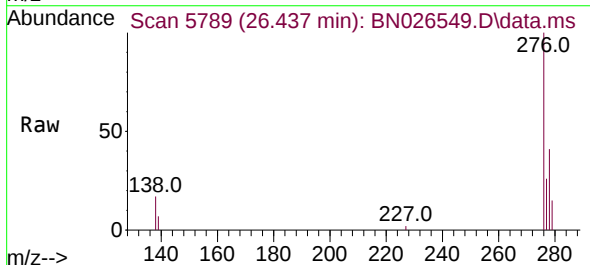
Instrument :
 BNA_N
 ClientSampleId :
 A46M1

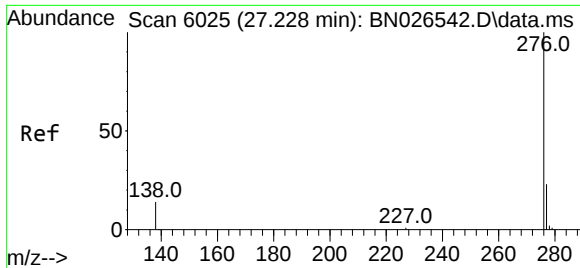
Tgt Ion:276 Resp: 30393
 Ion Ratio Lower Upper
 276 100
 138 15.7 22.2 33.4#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.370 ng/ul
 RT: 26.437 min Scan# 5789
 Delta R.T. -0.030 min
 Lab File: BN026549.D
 Acq: 17 Jul 2023 22:44

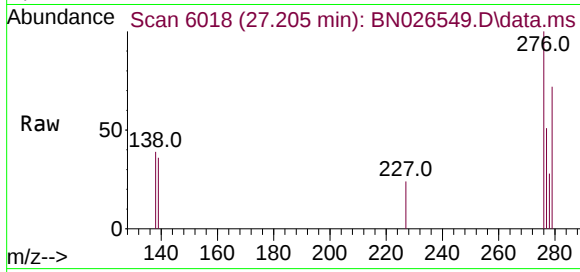
Tgt Ion:278 Resp: 12859
 Ion Ratio Lower Upper
 278 100
 139 17.7 18.9 28.3#
 279 37.9 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 27.205 min Scan# 6018
 Delta R.T. -0.020 min
 Lab File: BN026549.D
 Acq: 17 Jul 2023 22:44

Instrument :
 BNA_N
 ClientSampleId :
 A46M1



Tgt Ion: 276 Resp: 1810

Ion	Ratio	Lower	Upper
276	100		
138	38.6	22.6	34.0#
277	51.4	21.8	32.8#

