

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040489.D
 Acq On : 01 Jul 2023 01:57
 Operator : MA/JU
 Sample : 03161-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX6

Quant Time: Jul 01 03:06:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

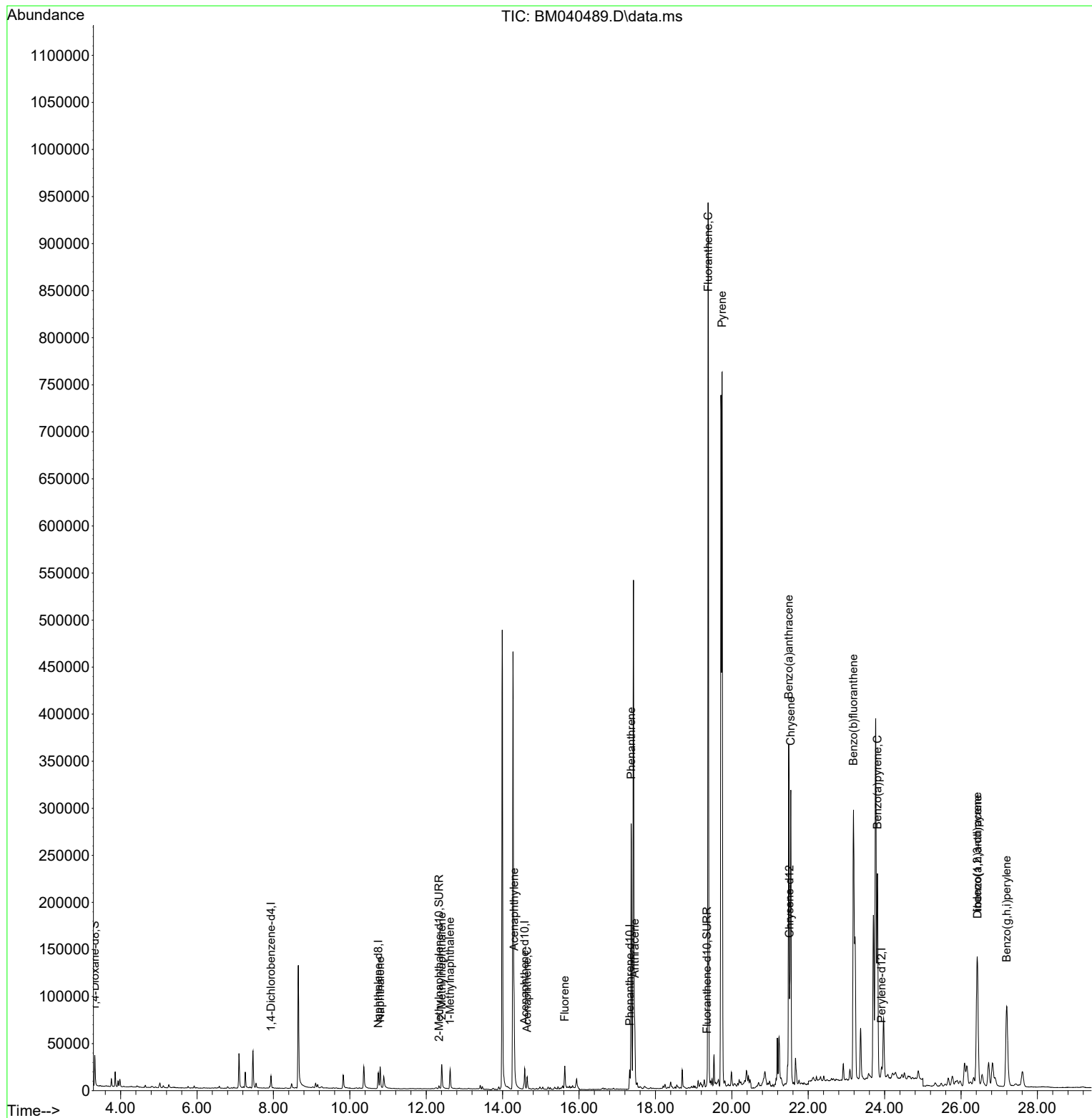
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6895	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25605	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	12443	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	24959	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14339	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	16564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	19992	1.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	4843	0.135	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	8009	0.174	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	34392	0.487	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	22251	0.536	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	15334	0.370	ng/ul	99
10) Acenaphthylene	14.300	152	88600	1.594	ng/ul	100
11) Acenaphthene	14.642	153	8065	0.172	ng/ul	98
12) Fluorene	15.627	166	16411	0.327	ng/ul	98
15) Phenanthrene	17.366	178	314954	4.062	ng/ul	98
16) Anthracene	17.459	178	67677	1.039	ng/ul	99
19) Fluoranthene	19.380	202	814276	13.369	ng/ul	96
20) Pyrene	19.747	202	644810	9.874	ng/ul	95
21) Benzo(a)anthracene	21.489	228	325094	6.703	ng/ul	98
22) Chrysene	21.544	228	338774	6.123	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	502587	7.840	ng/ul	88
26) Benzo(a)pyrene	23.812	252	321556	5.569	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.424	276	247032	3.072	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.430	278	62838	0.998	ng/ul	96
29) Benzo(g,h,i)perylene	27.195	276	209111	2.967	ng/ul	94

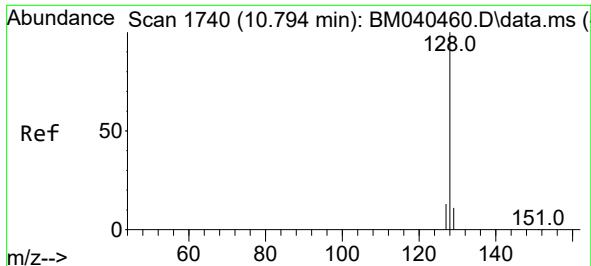
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
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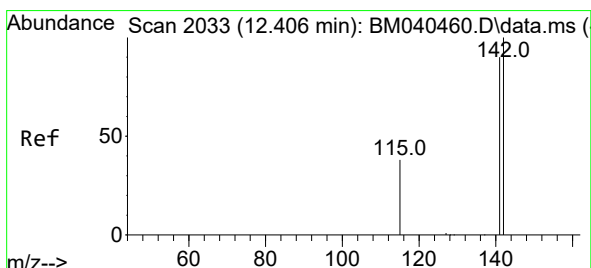
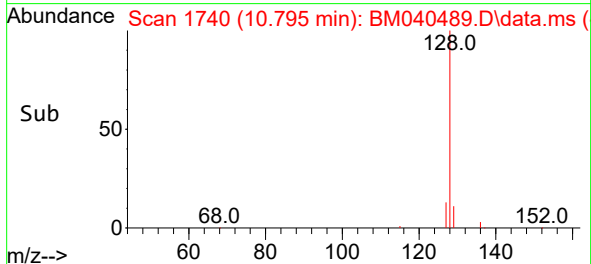
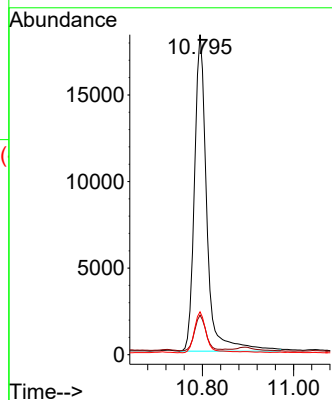
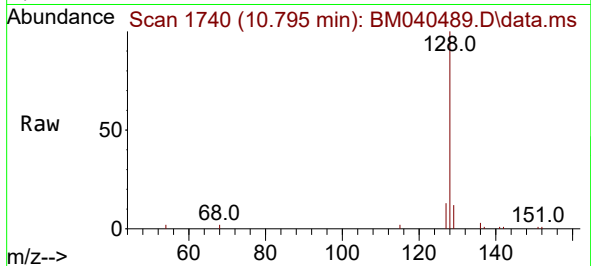




#5
Naphthalene
Concen: 0.487 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

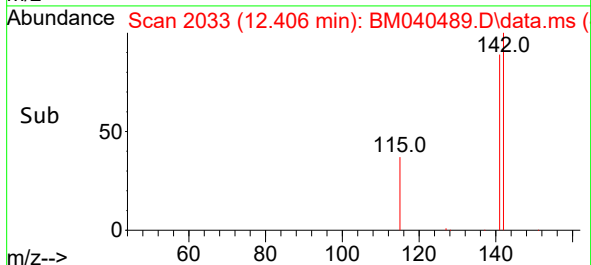
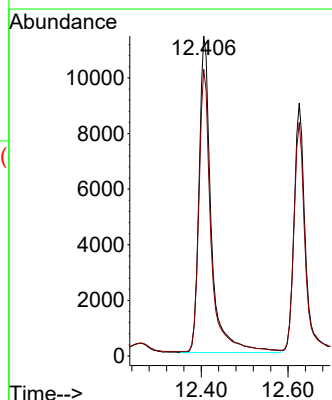
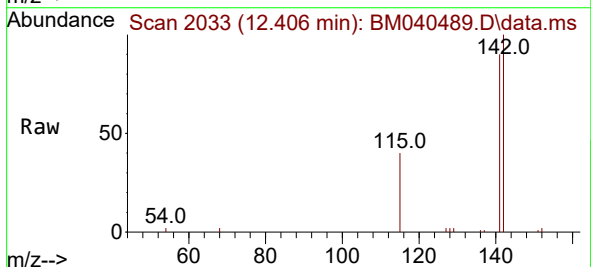
Instrument :
BNA_M
ClientSampleId :
DCFX6

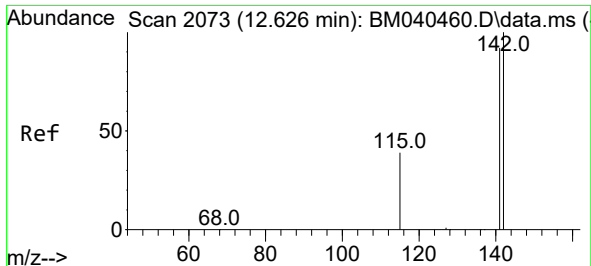
Tgt Ion:128 Resp: 34392
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.4 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.536 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:142 Resp: 22251
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9

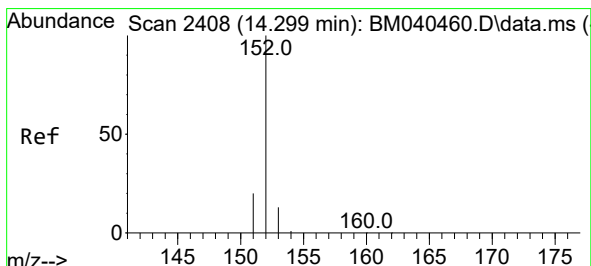
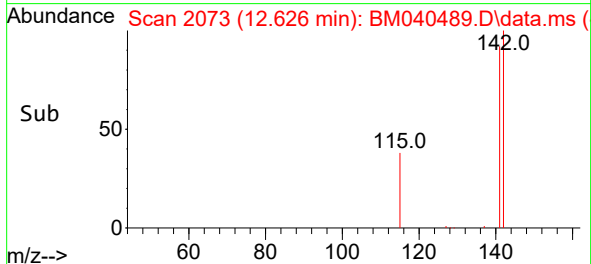
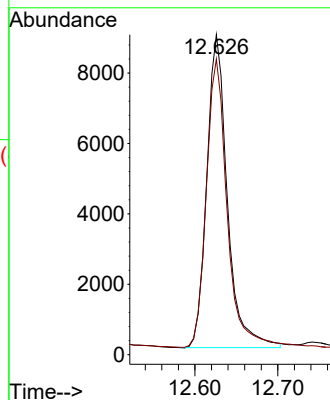
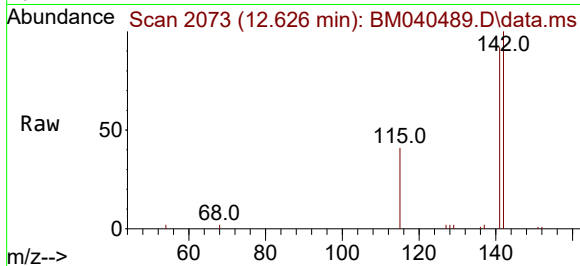




#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

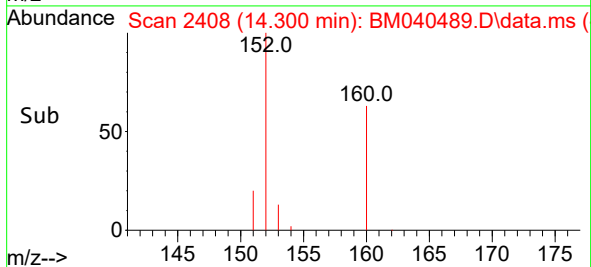
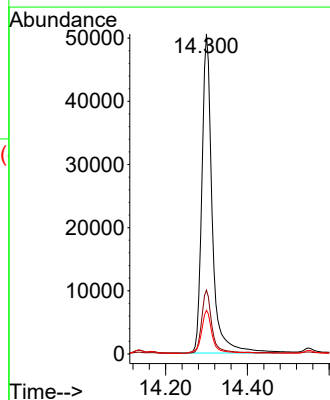
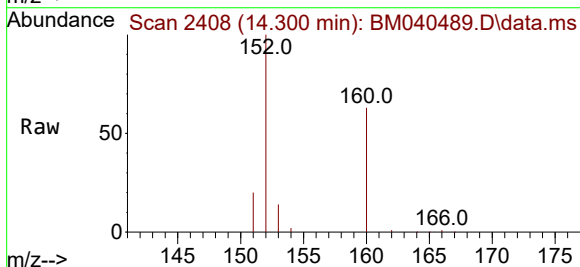
Instrument :
BNA_M
ClientSampleId :
DCFX6

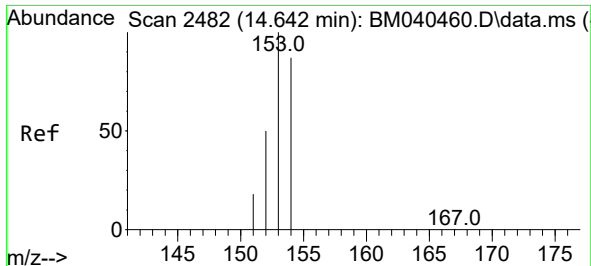
Tgt Ion:142 Resp: 15334
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5



#10
Acenaphthylene
Concen: 1.594 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:152 Resp: 88600
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.6 10.9 16.3

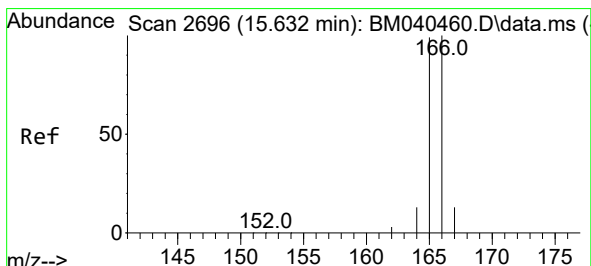
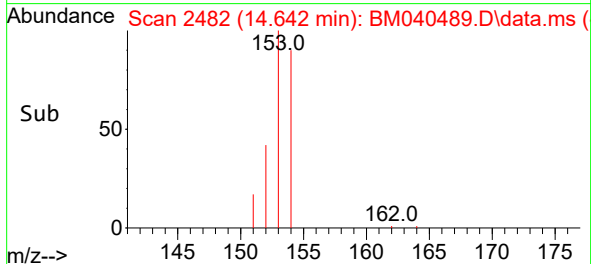
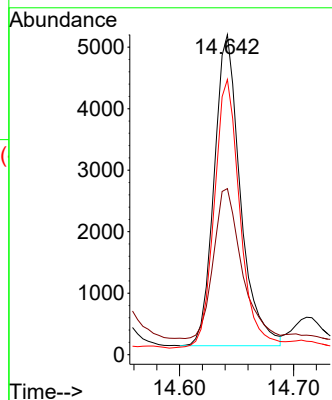
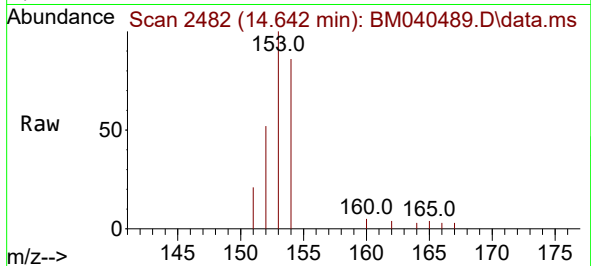




#11
Acenaphthene
Concen: 0.172 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

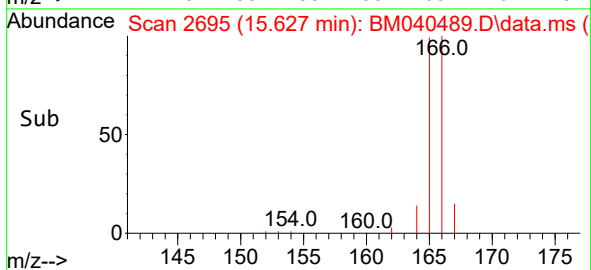
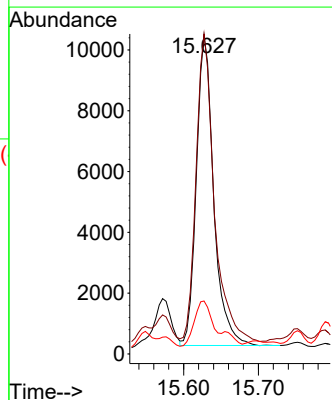
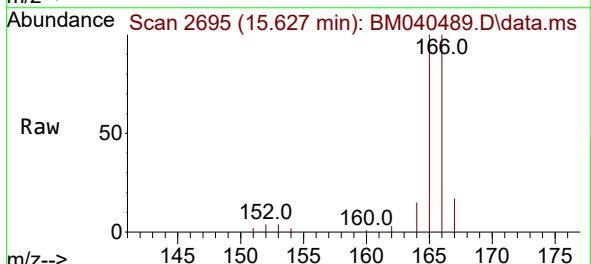
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BNA_M
ClientSampleId :
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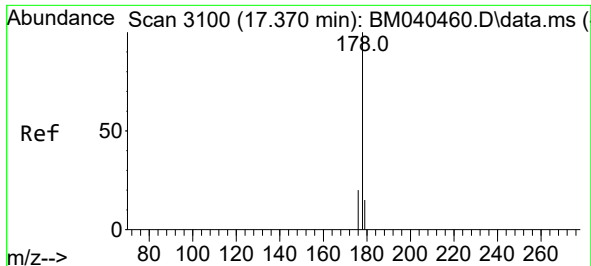
Tgt Ion:153 Resp: 8065
Ion Ratio Lower Upper
153 100
152 51.9 41.0 61.4
154 86.0 70.8 106.2



#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:166 Resp: 16411
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 16.6 11.4 17.0

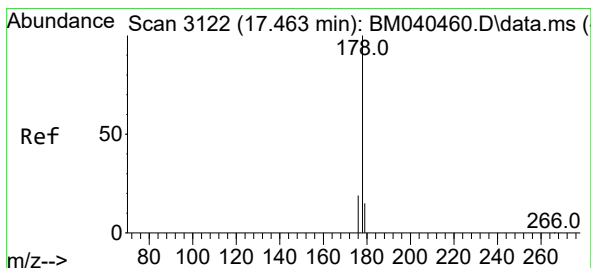
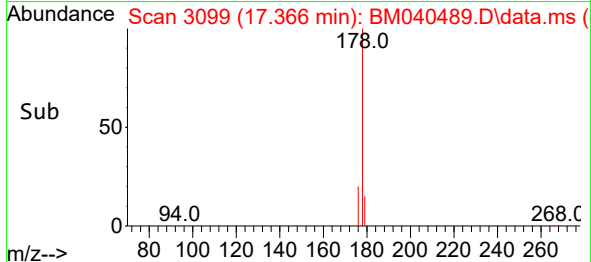
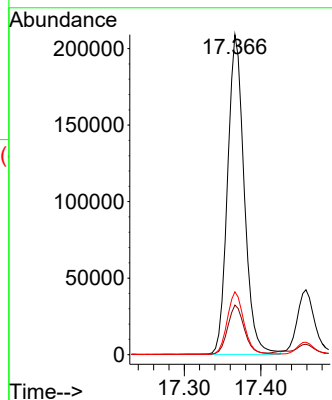
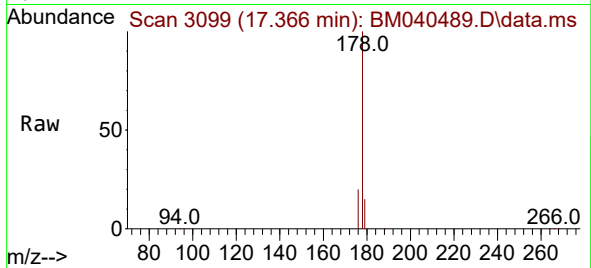




#15
Phenanthrene
Concen: 4.062 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

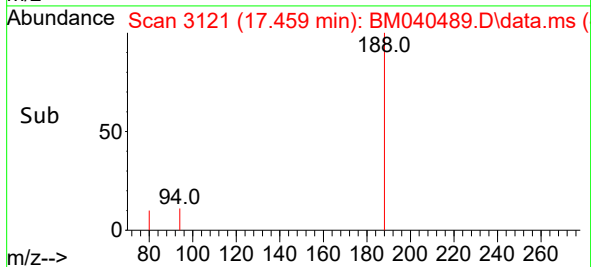
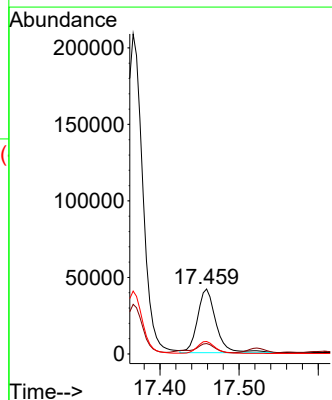
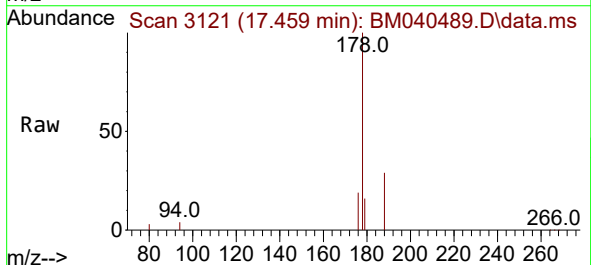
Instrument :
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ClientSampleId :
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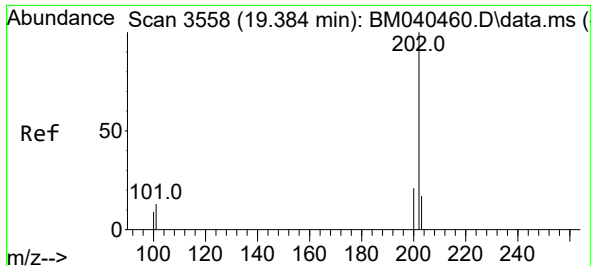
Tgt Ion:178 Resp: 314954
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6



#16
Anthracene
Concen: 1.039 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:178 Resp: 67677
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.6

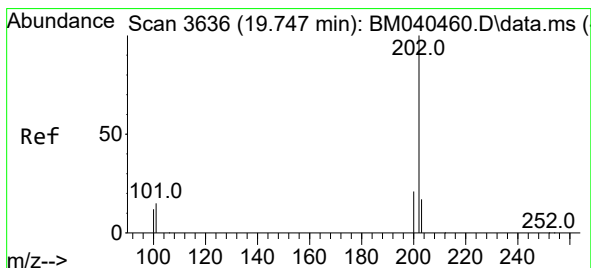
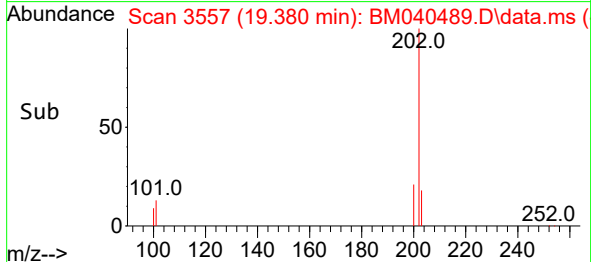
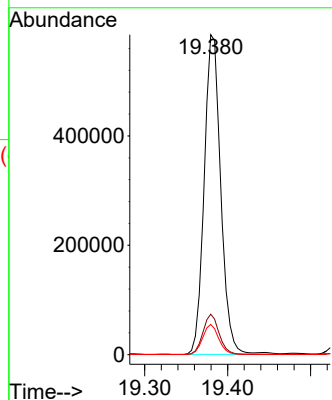
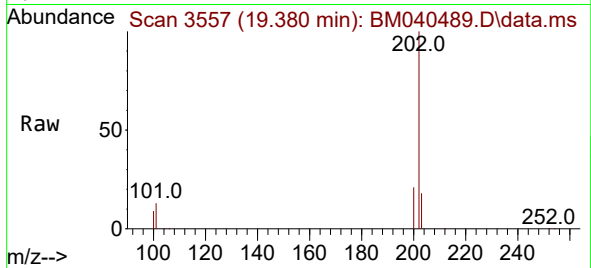




#19
Fluoranthene
Concen: 13.369 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

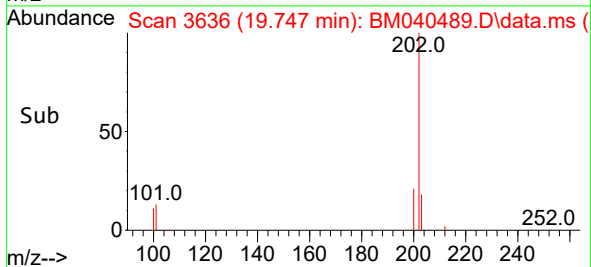
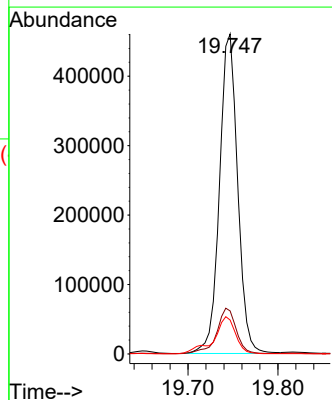
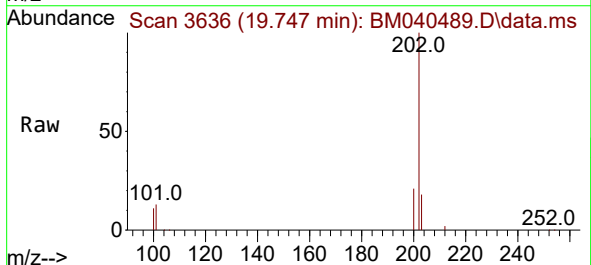
Instrument :
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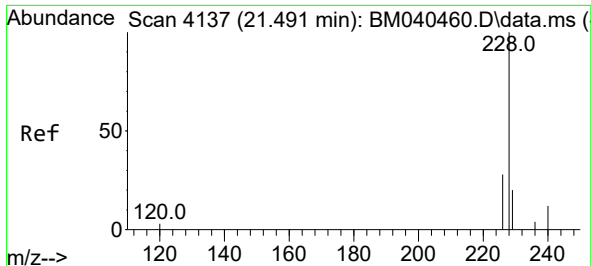
Tgt Ion:202 Resp: 814276
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1



#20
Pyrene
Concen: 9.874 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:202 Resp: 644810
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 10.6 9.8 14.6

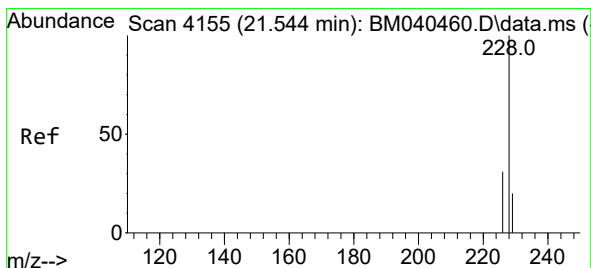
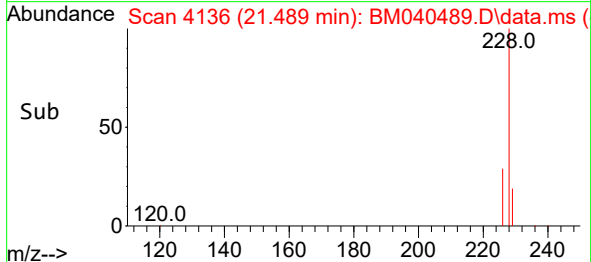
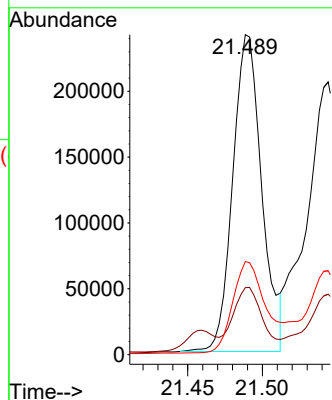
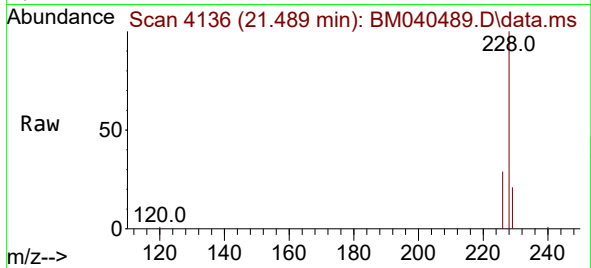




#21
Benzo(a)anthracene
Concen: 6.703 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

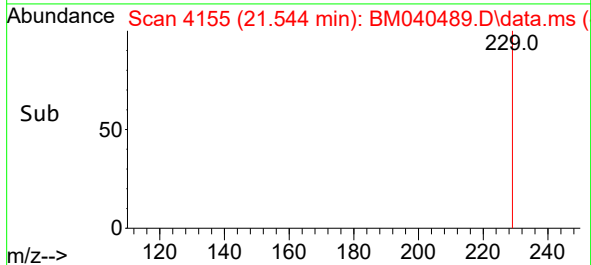
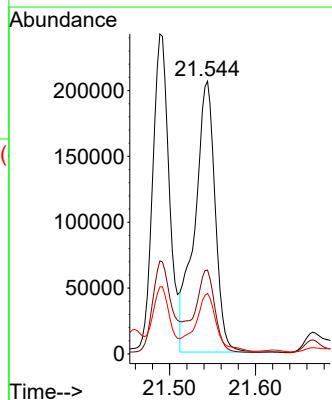
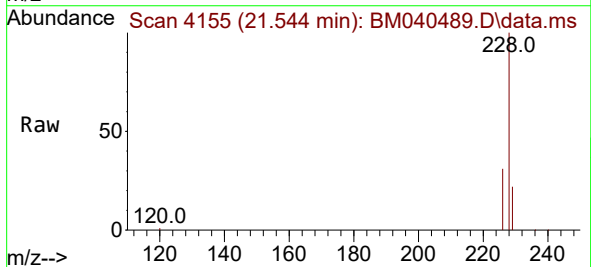
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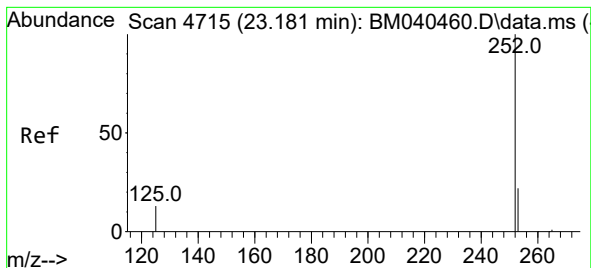
Tgt Ion:228 Resp: 325094
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 29.1 22.3 33.5



#22
Chrysene
Concen: 6.123 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Tgt Ion:228 Resp: 338774
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.2 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 7.840 ng/ul

RT: 23.184 min Scan# 4715

Delta R.T. 0.003 min

Lab File: BM040489.D

Acq: 01 Jul 2023 01:57

Instrument :

BNA_M

ClientSampleId :

DCFX6

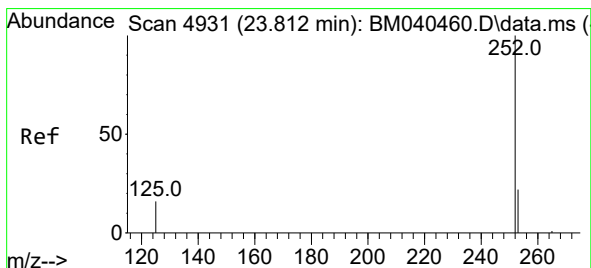
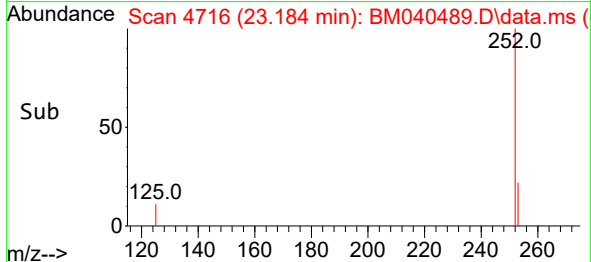
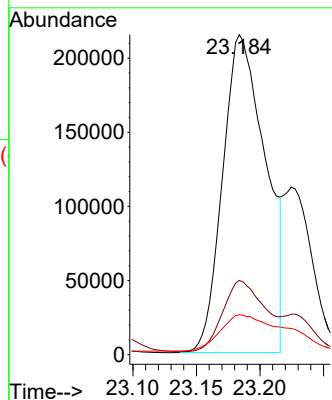
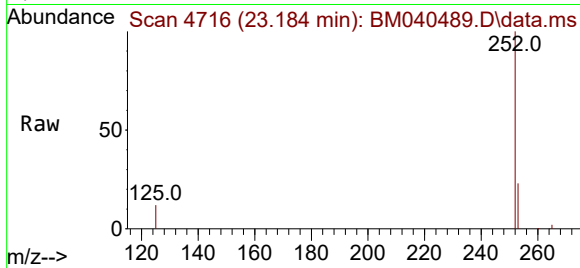
Tgt Ion:252 Resp: 502587

Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.8

125 12.5 0.0 43.0



#26

Benzo(a)pyrene

Concen: 5.569 ng/ul

RT: 23.812 min Scan# 4931

Delta R.T. 0.000 min

Lab File: BM040489.D

Acq: 01 Jul 2023 01:57

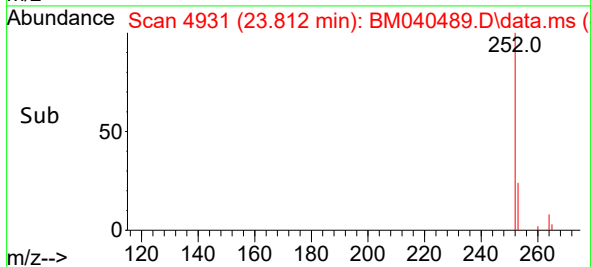
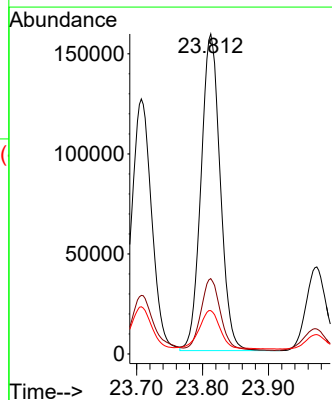
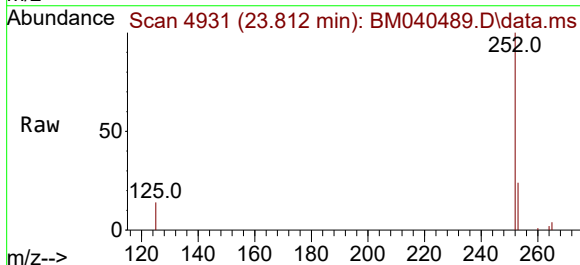
Tgt Ion:252 Resp: 321556

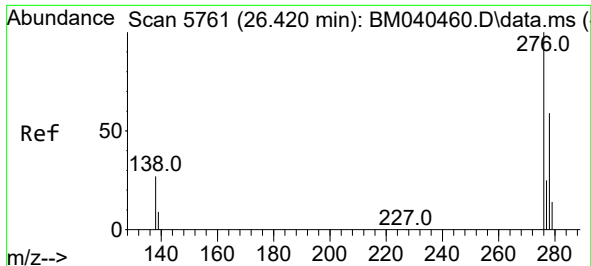
Ion Ratio Lower Upper

252 100

253 23.5 22.9 34.3

125 13.6 21.0 31.4#

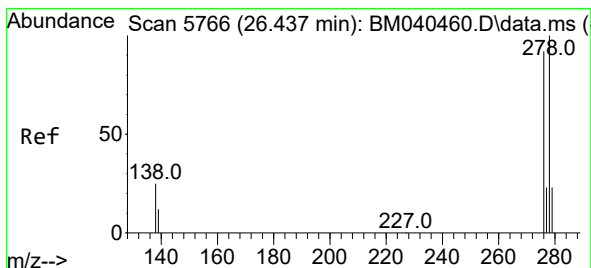
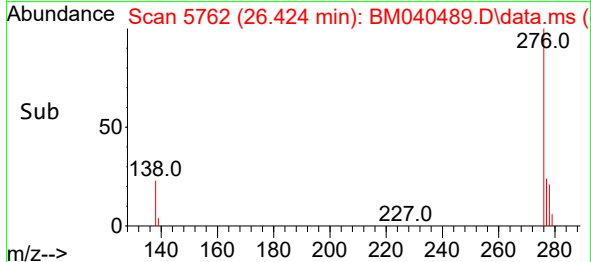
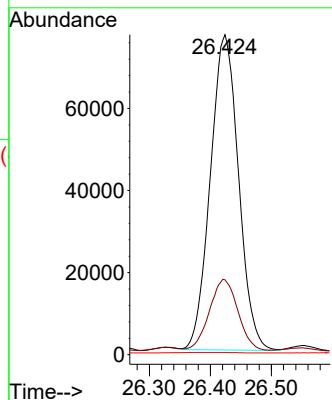
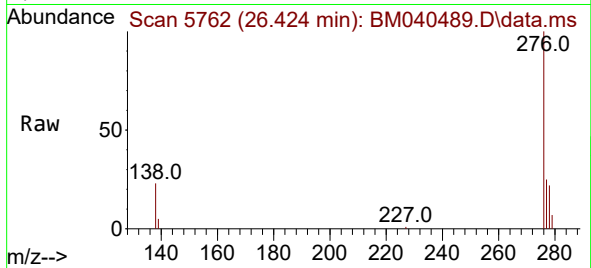




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.072 ng/ul
 RT: 26.424 min Scan# 5761
 Delta R.T. 0.004 min
 Lab File: BM040489.D
 Acq: 01 Jul 2023 01:57

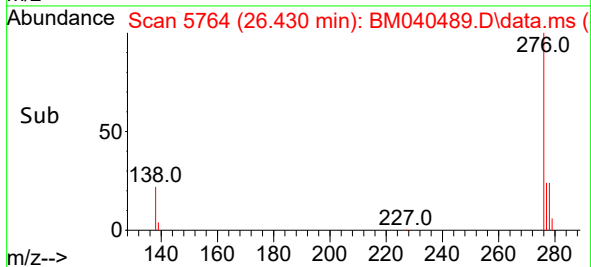
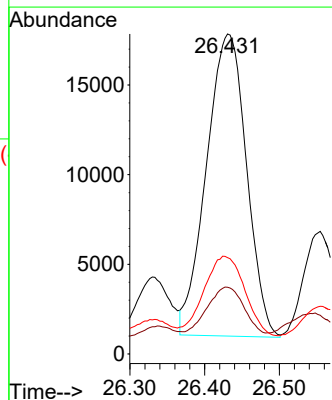
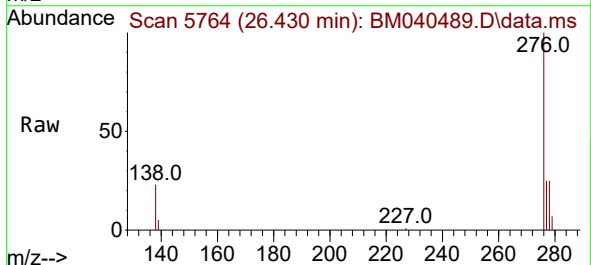
Instrument :
 BNA_M
 ClientSampleId :
 DCFX6

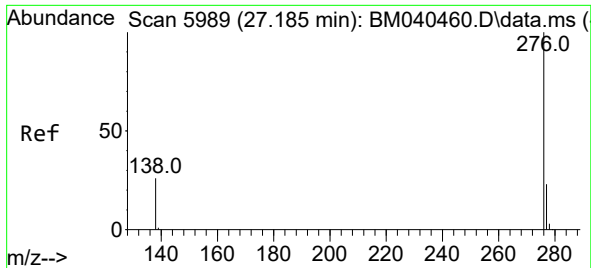
Tgt Ion:276 Resp: 247032
 Ion Ratio Lower Upper
 276 100
 138 23.0 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.998 ng/ul
 RT: 26.430 min Scan# 5764
 Delta R.T. -0.007 min
 Lab File: BM040489.D
 Acq: 01 Jul 2023 01:57

Tgt Ion:278 Resp: 62838
 Ion Ratio Lower Upper
 278 100
 139 20.8 17.9 26.9
 279 30.1 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 2.967 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

Instrument :
BNA_M
ClientSampleId :
DCFX6

Tgt Ion:276 Resp: 209111
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.4 20.3 30.5

