

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040573.D
 Acq On : 03 Jul 2023 13:42
 Operator : MA/JU
 Sample : 03239-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

Quant Time: Jul 03 15:23:59 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

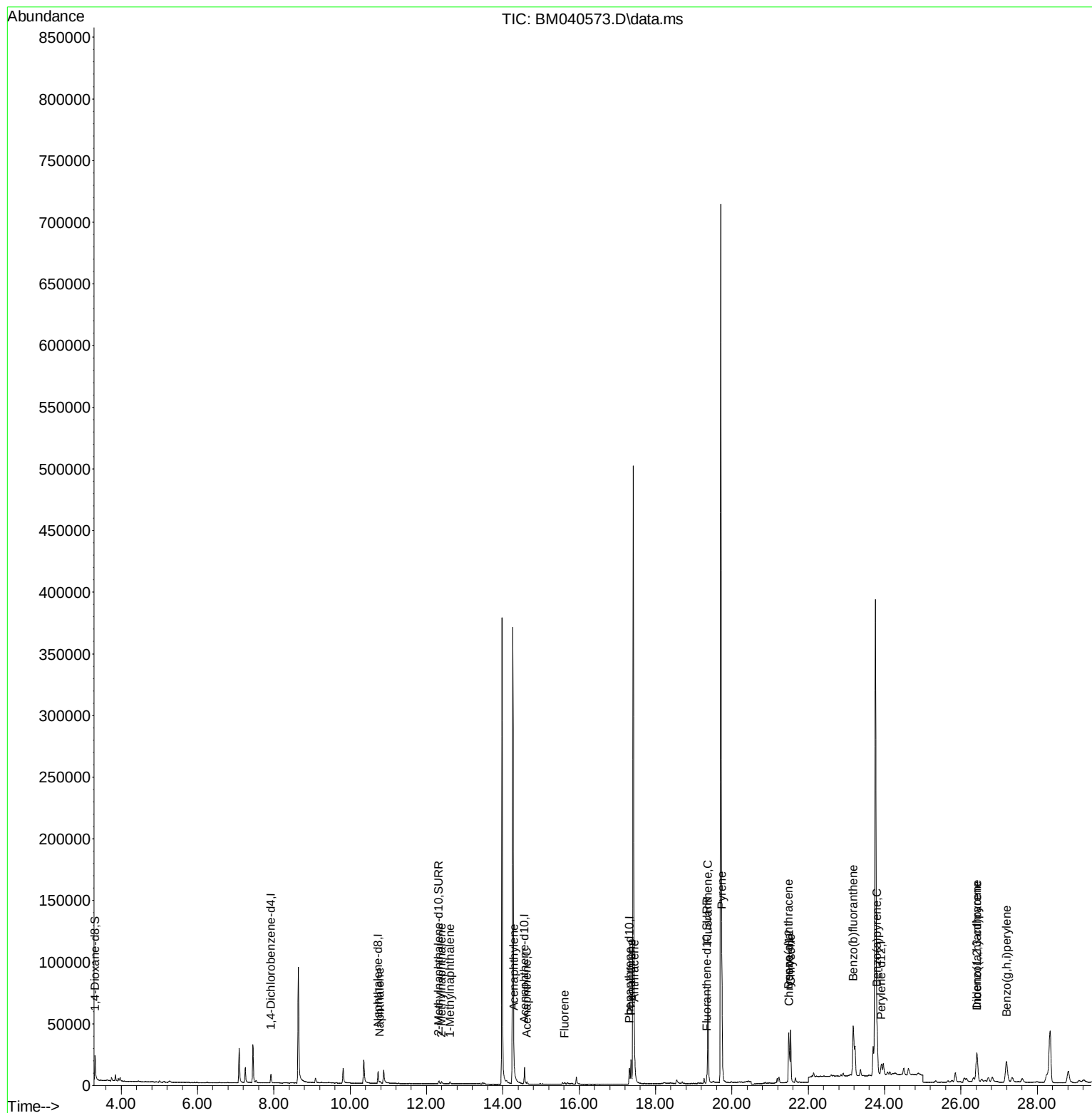
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	3914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	14937	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.568	164	7719	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	17773	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	13295	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	13431	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	13231	2.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	3751	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	8078	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2276	0.055	ng/ul#	81
7) 2-Methylnaphthalene	12.395	142	1554	0.064	ng/ul	100
8) 1-Methylnaphthalene	12.615	142	1142	0.047	ng/ul	100
10) Acenaphthylene	14.290	152	3001	0.087	ng/ul#	88
11) Acenaphthene	14.628	153	1055	0.036	ng/ul	94
12) Fluorene	15.618	166	902	0.029	ng/ul#	92
15) Phenanthrene	17.358	178	23789	0.431	ng/ul	100
16) Anthracene	17.450	178	4807	0.104	ng/ul#	91
19) Fluoranthene	19.375	202	71368	1.264	ng/ul	96
20) Pyrene	19.737	202	60863	1.005	ng/ul	98
21) Benzo(a)anthracene	21.486	228	38409	0.854	ng/ul	97
22) Chrysene	21.541	228	46978	0.916	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	77995	1.501	ng/ul	96
26) Benzo(a)pyrene	23.809	252	47213	1.008	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.420	276	44384	0.681	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.427	278	11506	0.225	ng/ul#	80
29) Benzo(g,h,i)perylene	27.195	276	45713	0.800	ng/ul	98

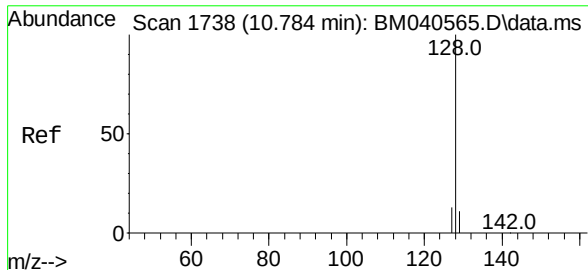
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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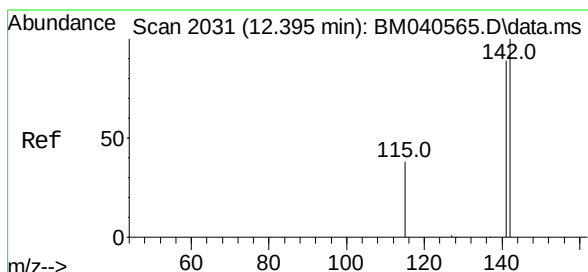
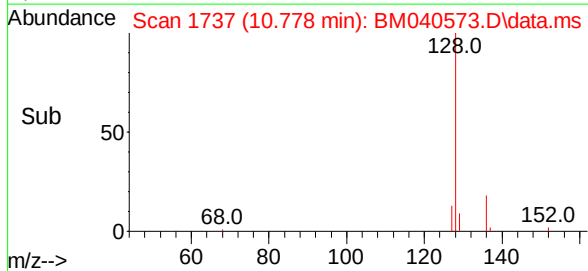
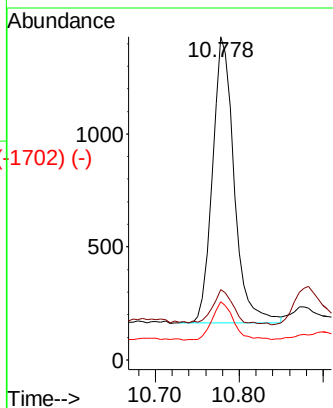
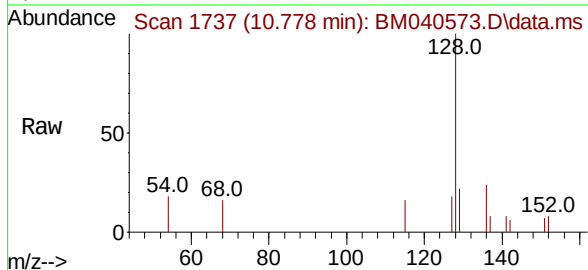




Naphthalene
 Concen: 0.055 ng/ul
 RT: 10.778 min Scan# 1737
 Delta R.T. -0.006 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

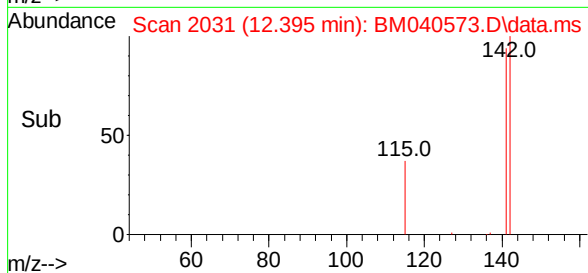
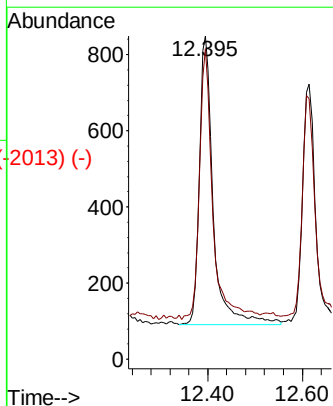
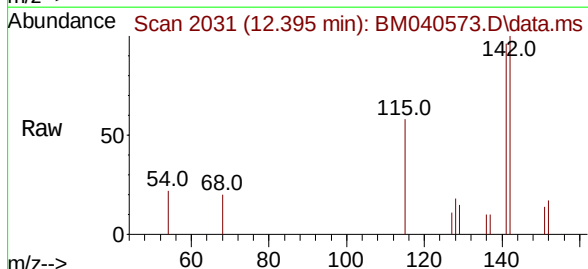
Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

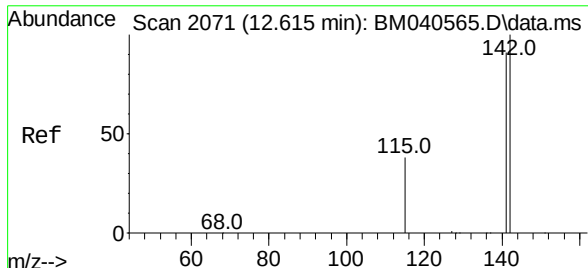
Tgt Ion:	128	Resp:	2276
Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.2	13.8#
127	18.0	10.6	15.8#



2-Methylnaphthalene
 Concen: 0.064 ng/ul
 RT: 12.395 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

Tgt Ion:	142	Resp:	1554
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9

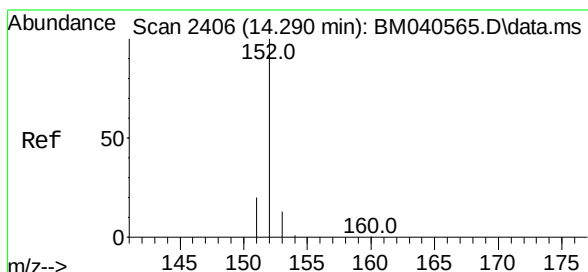
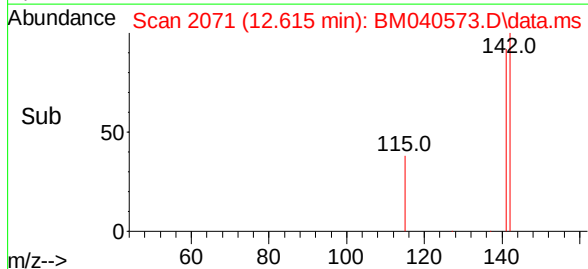
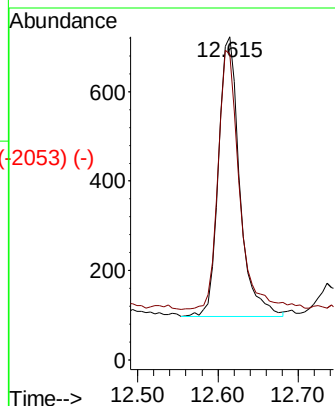
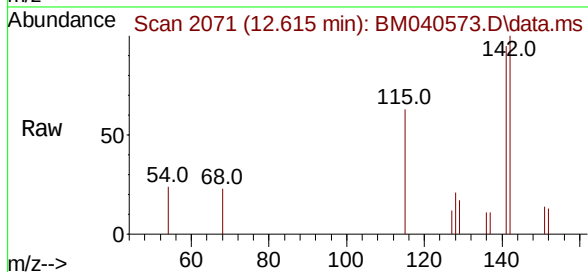




1-Methylnaphthalene
 Concen: 0.047 ng/ul
 RT: 12.615 min Scan# 2071
 Delta R.T. -0.000 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

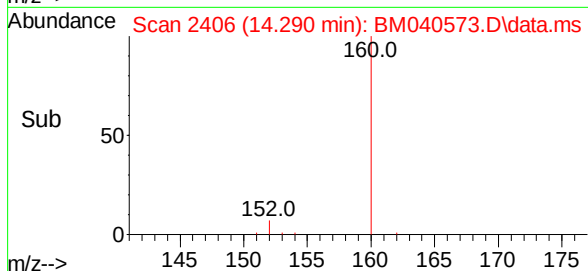
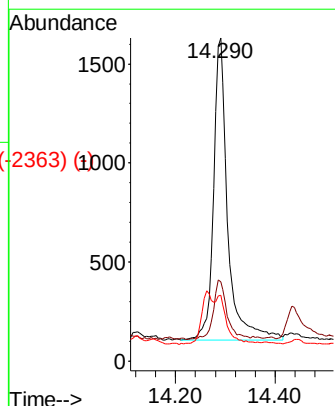
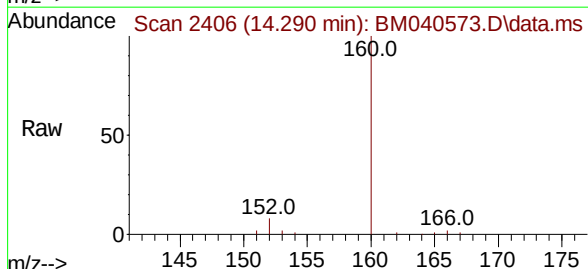
Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

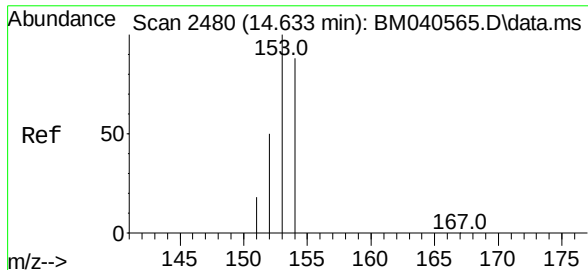
Tgt Ion:142 Resp: 1142
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.7 110.5



Acenaphthylene
 Concen: 0.087 ng/ul
 RT: 14.290 min Scan# 2406
 Delta R.T. -0.000 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

Tgt Ion:152 Resp: 3001
 Ion Ratio Lower Upper
 152 100
 151 24.5 16.2 24.2#
 153 20.3 10.9 16.3#





Acenaphthene

Concen: 0.036 ng/ul

RT: 14.628 min Scan# 2479

Delta R.T. -0.005 min

Lab File: BM040573.D

Acq: 03 Jul 2023 13:42

Instrument :

BNA_M

ClientSampleId :

DCFZ3

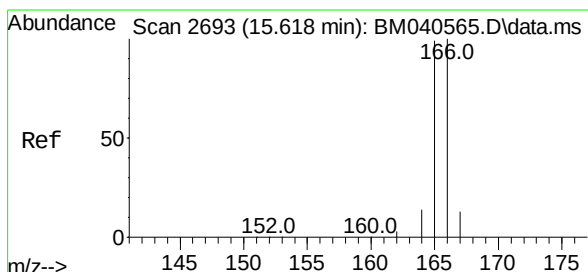
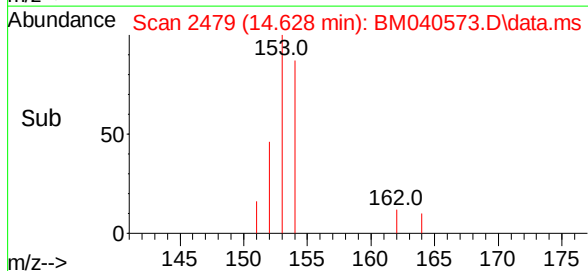
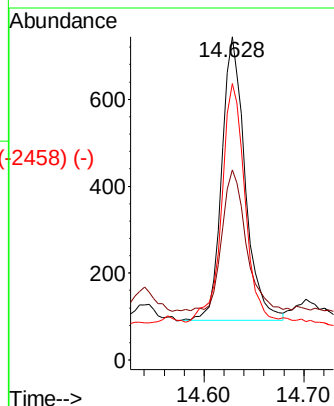
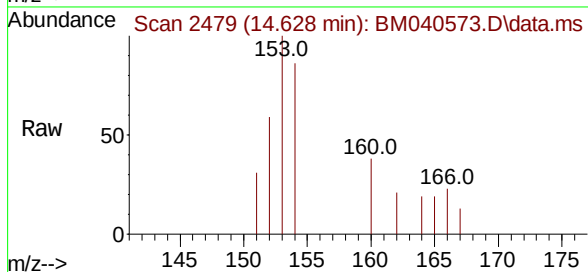
Tgt Ion:153 Resp: 1055

Ion Ratio Lower Upper

153 100

152 58.7 41.0 61.4

154 85.6 70.8 106.2



Fluorene

Concen: 0.029 ng/ul

RT: 15.618 min Scan# 2693

Delta R.T. -0.000 min

Lab File: BM040573.D

Acq: 03 Jul 2023 13:42

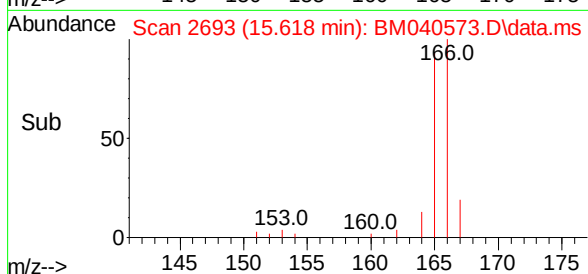
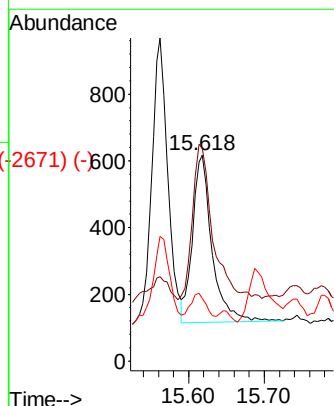
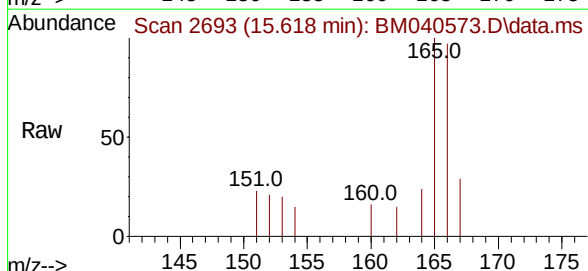
Tgt Ion:166 Resp: 902

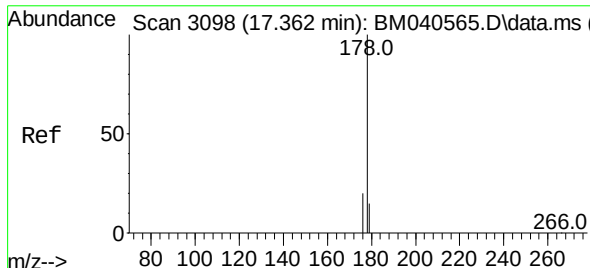
Ion Ratio Lower Upper

166 100

165 103.2 79.6 119.4

167 30.4 11.4 17.0#

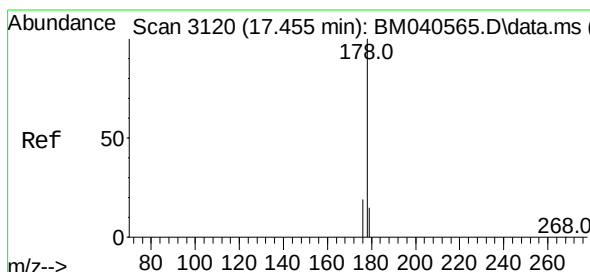
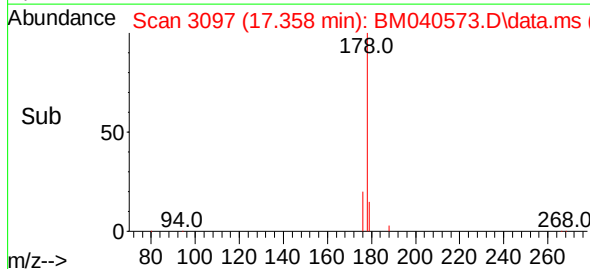
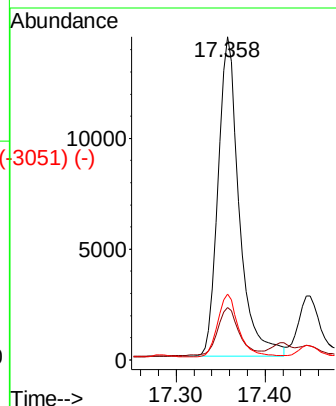
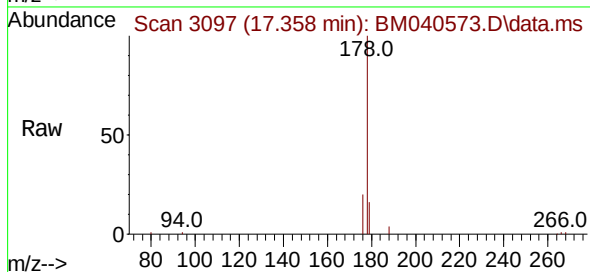




Scan 3098 (17.362 min): BM040565.D\data.ms (-3015) (-)
 Phenanthrene
 Concen: 0.431 ng/ul
 RT: 17.358 min Scan# 3115
 Delta R.T. -0.004 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

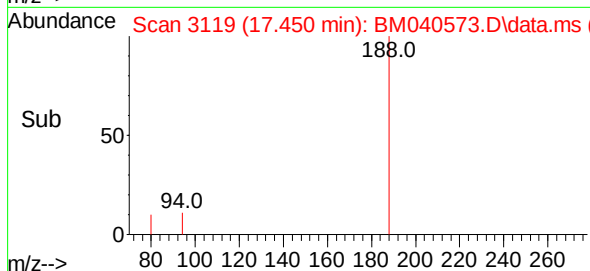
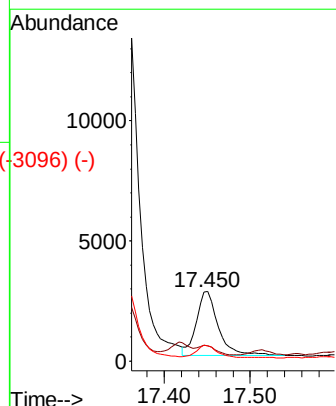
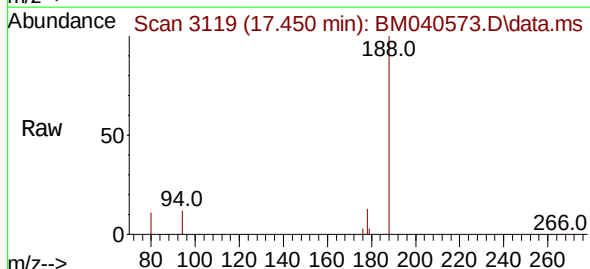
Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

Tgt Ion:	178	Resp:	23789
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	20.3	16.4	24.6

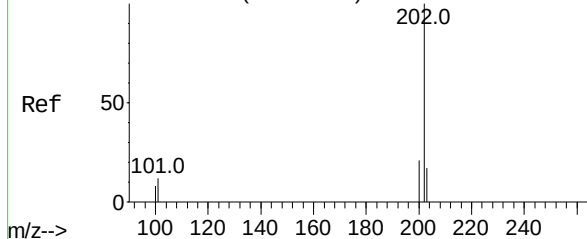


Scan 3120 (17.455 min): BM040565.D\data.ms (-3110) (-)
 Anthracene
 Concen: 0.104 ng/ul
 RT: 17.450 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

Tgt Ion:	178	Resp:	4807
Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.9	19.3#
176	21.9	15.8	23.6



Abundance Scan 3557 (19.380 min): BM040565.D\data.ms (-3549) (-)



Fluoranthene

Concen: 1.264 ng/ul

RT: 19.375 min Scan#

Delta R.T. -0.005 min

Lab File: BM040573.D

Acq: 03 Jul 2023 13:42

Instrument :

BNA_M

ClientSampleId :

DCFZ3

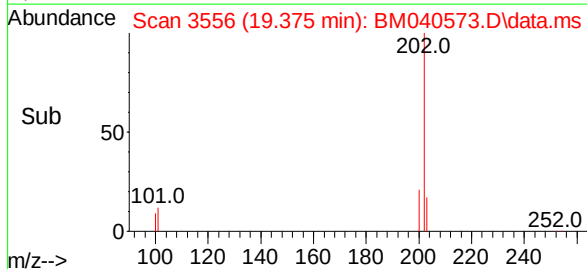
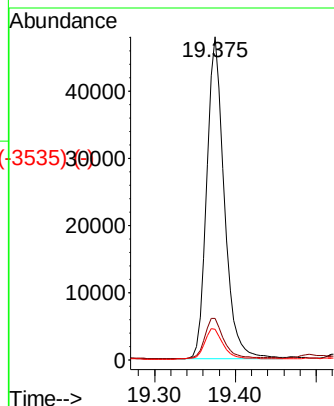
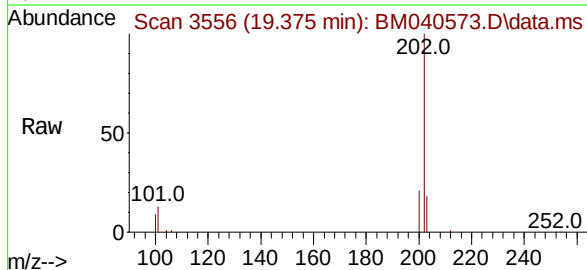
Tgt Ion:202 Resp: 71368

Ion Ratio Lower Upper

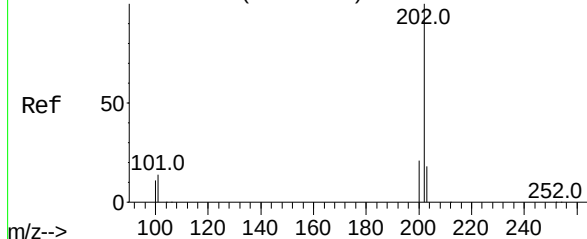
202 100

101 12.8 11.4 17.0

100 9.5 8.7 13.1



Abundance Scan 3635 (19.742 min): BM040565.D\data.ms (-3629) (-)



Pyrene

Concen: 1.005 ng/ul

RT: 19.737 min Scan# 3634

Delta R.T. -0.005 min

Lab File: BM040573.D

Acq: 03 Jul 2023 13:42

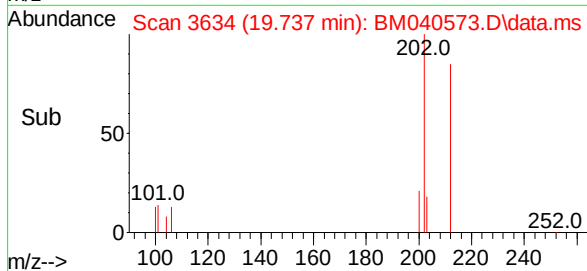
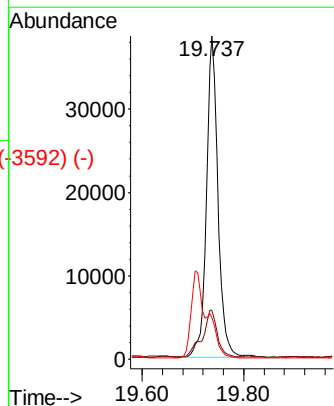
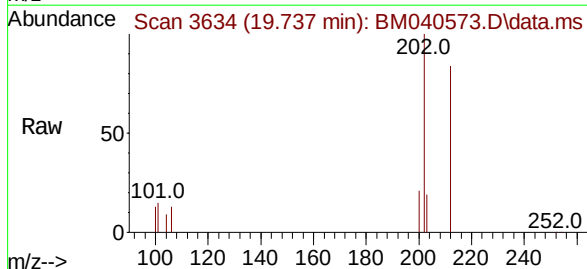
Tgt Ion:202 Resp: 60863

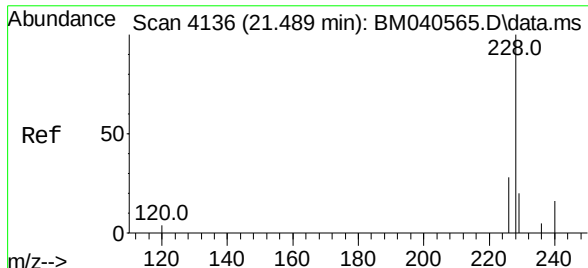
Ion Ratio Lower Upper

202 100

101 14.9 12.6 18.8

100 12.9 9.8 14.6

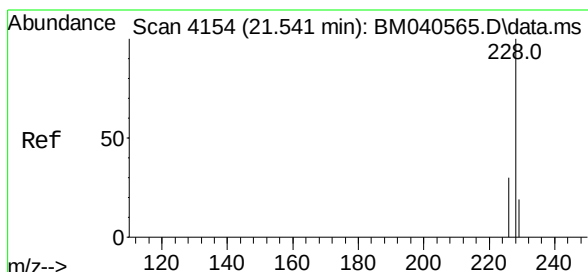
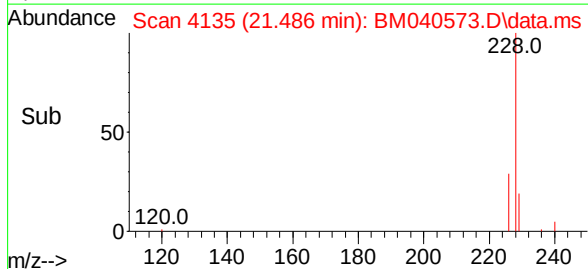
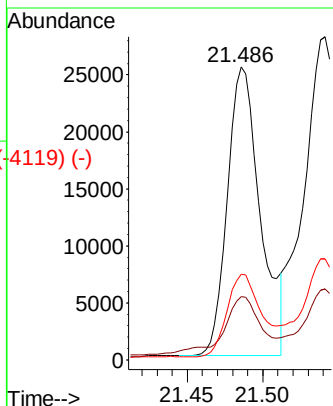
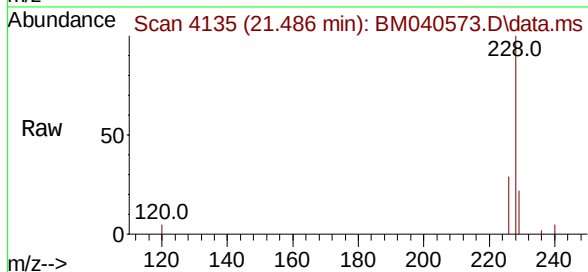




Scan 4136 (21.489 min): BM040565.D\data.ms (-4121) (-)
 Benzo(a)anthracene
 Concen: 0.854 ng/ul
 RT: 21.486 min Scan# 4136
 Delta R.T. -0.003 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

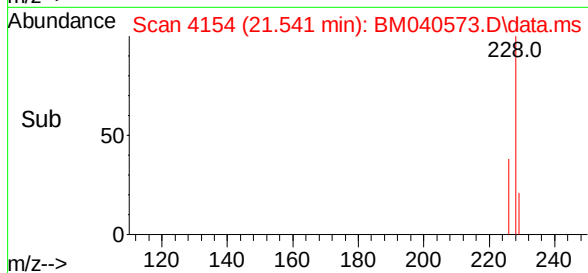
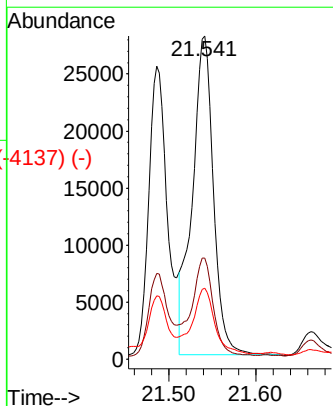
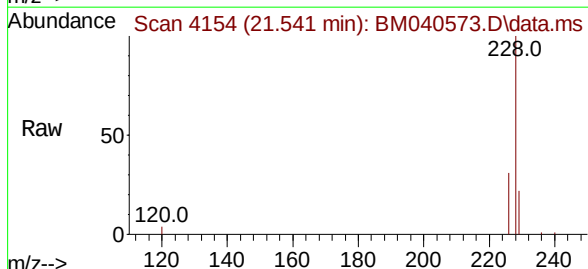
Instrument :
 BNA_M
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Tgt Ion:	228	Resp:	38409
Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.0	24.0
226	29.4	22.3	33.5

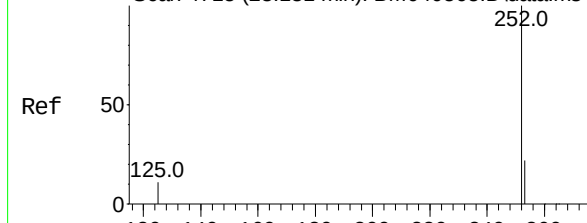


Scan 4154 (21.541 min): BM040565.D\data.ms (-4122) (-)
 Chrysene
 Concen: 0.916 ng/ul
 RT: 21.541 min Scan# 4154
 Delta R.T. -0.000 min
 Lab File: BM040573.D
 Acq: 03 Jul 2023 13:42

Tgt Ion:	228	Resp:	46978
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.0	15.8	23.6



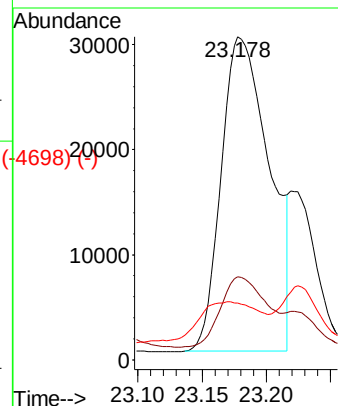
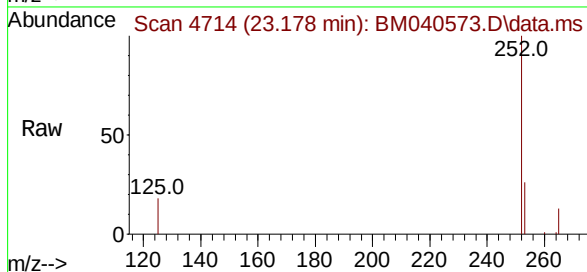
Abundance Scan 4715 (23.181 min): BM040565.D\data.ms (-4624) (-)



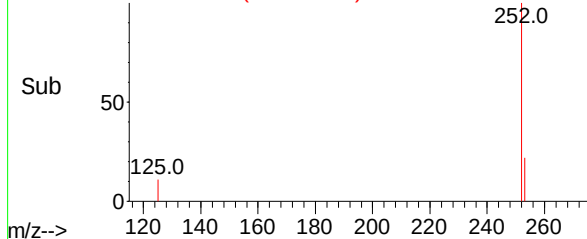
Benzo(b)fluoranthene
Concen: 1.501 ng/ul
RT: 23.178 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

Instrument :
BNA_M
ClientSampleId :
DCFZ3

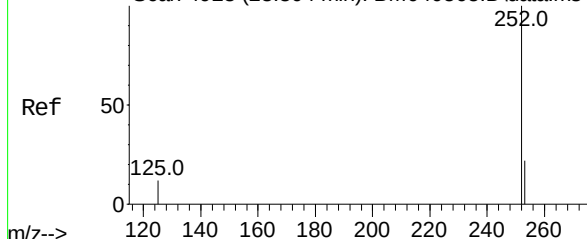
Tgt Ion:	252	Resp:	77995
Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	52.8
125	17.6	0.0	43.0



Abundance Scan 4714 (23.178 min): BM040573.D\data.ms (-4698) (-)

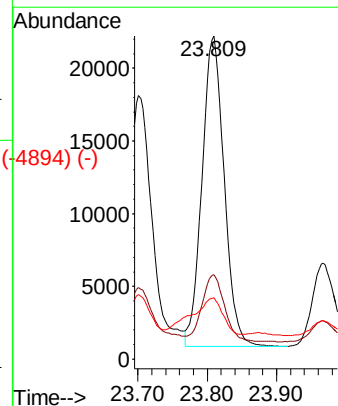
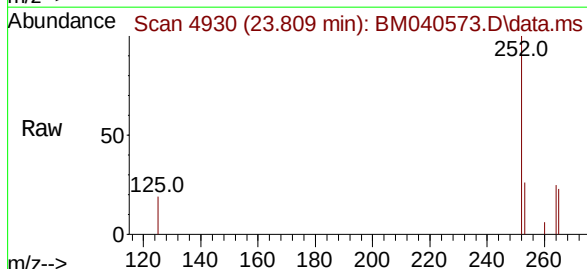


Abundance Scan 4928 (23.804 min): BM040565.D\data.ms (-4626) (-)

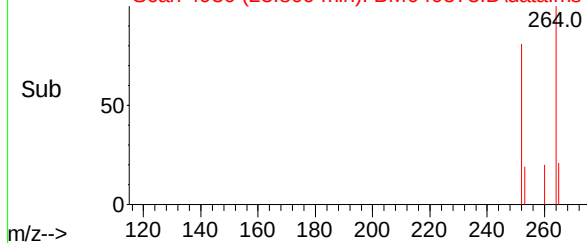


Benzo(a)pyrene
Concen: 1.008 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. 0.006 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

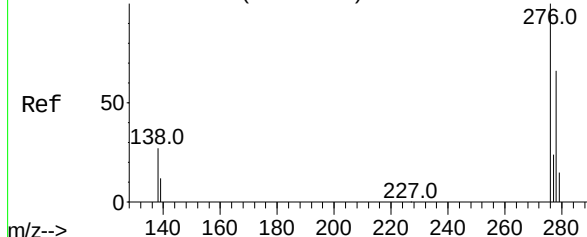
Tgt Ion:	252	Resp:	47213
Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.9	34.3
125	18.9	21.0	31.4#



Abundance Scan 4930 (23.809 min): BM040573.D\data.ms (-4894) (-)



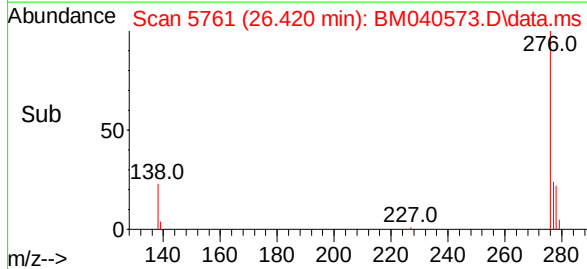
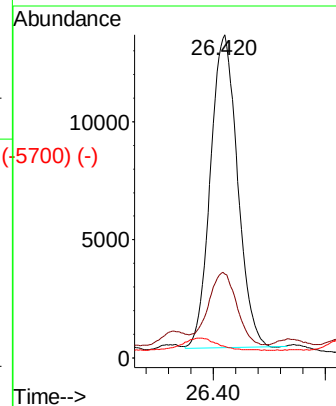
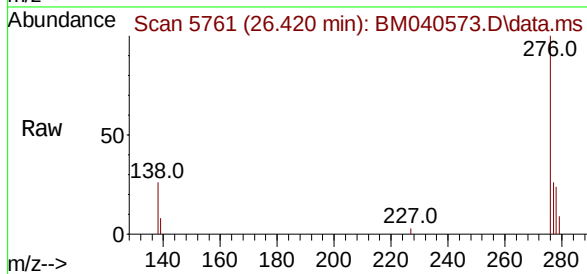
Abundance Scan 5760 (26.417 min): BM040565.D\data.ms (-5728) (-)



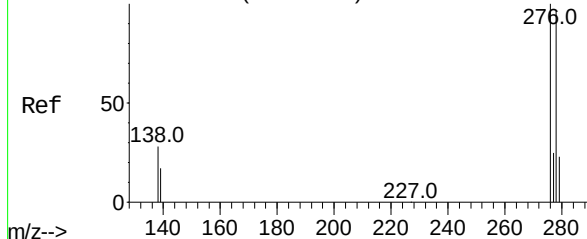
Indeno(1,2,3-cd)pyrene
Concen: 0.681 ng/ul
RT: 26.420 min Scan# 5760
Delta R.T. 0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

Instrument :
BNA_M
ClientSampleId :
DCFZ3

Tgt Ion:276 Resp: 44384
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#

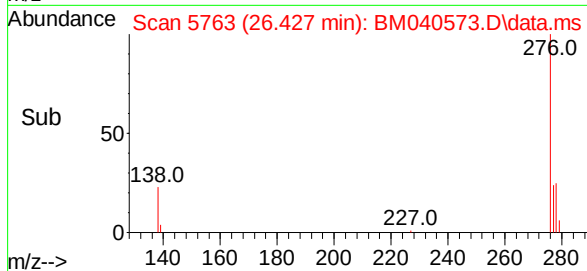
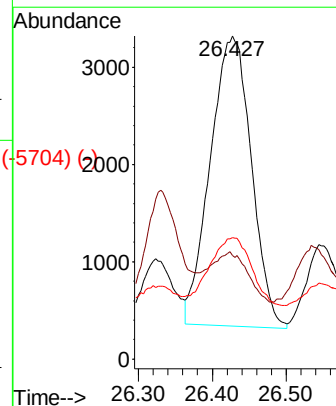
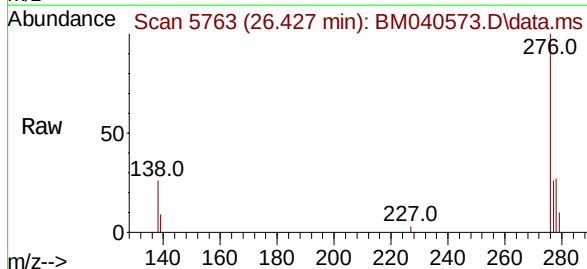


Abundance Scan 5764 (26.430 min): BM040565.D\data.ms (-5729) (-)

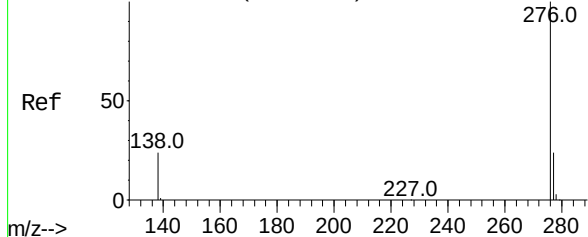


Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.003 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

Tgt Ion:278 Resp: 11506
Ion Ratio Lower Upper
278 100
139 32.1 17.9 26.9#
279 37.5 22.0 33.0#



Abundance Scan 5988 (27.182 min): BM040565.D\data.ms (-5988) (-)



Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 27.195 min Scan# 4
Delta R.T. 0.013 min
Lab File: BM040573.D
Acq: 03 Jul 2023 13:42

Instrument :
BNA_M
ClientSampleId :
DCFZ3

Tgt Ion:	276	Resp:	45713
Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.0	34.6
277	25.7	20.3	30.5

