

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011123\
 Data File : BM038427.D
 Acq On : 11 Jan 2023 10:38
 Operator : CG/JU
 Sample : N4239-01
 Misc : SFAM-SIM-MDL-W-01-0.07NG
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 12 01:11:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 01:09:22 2023
 Response via : Initial Calibration

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

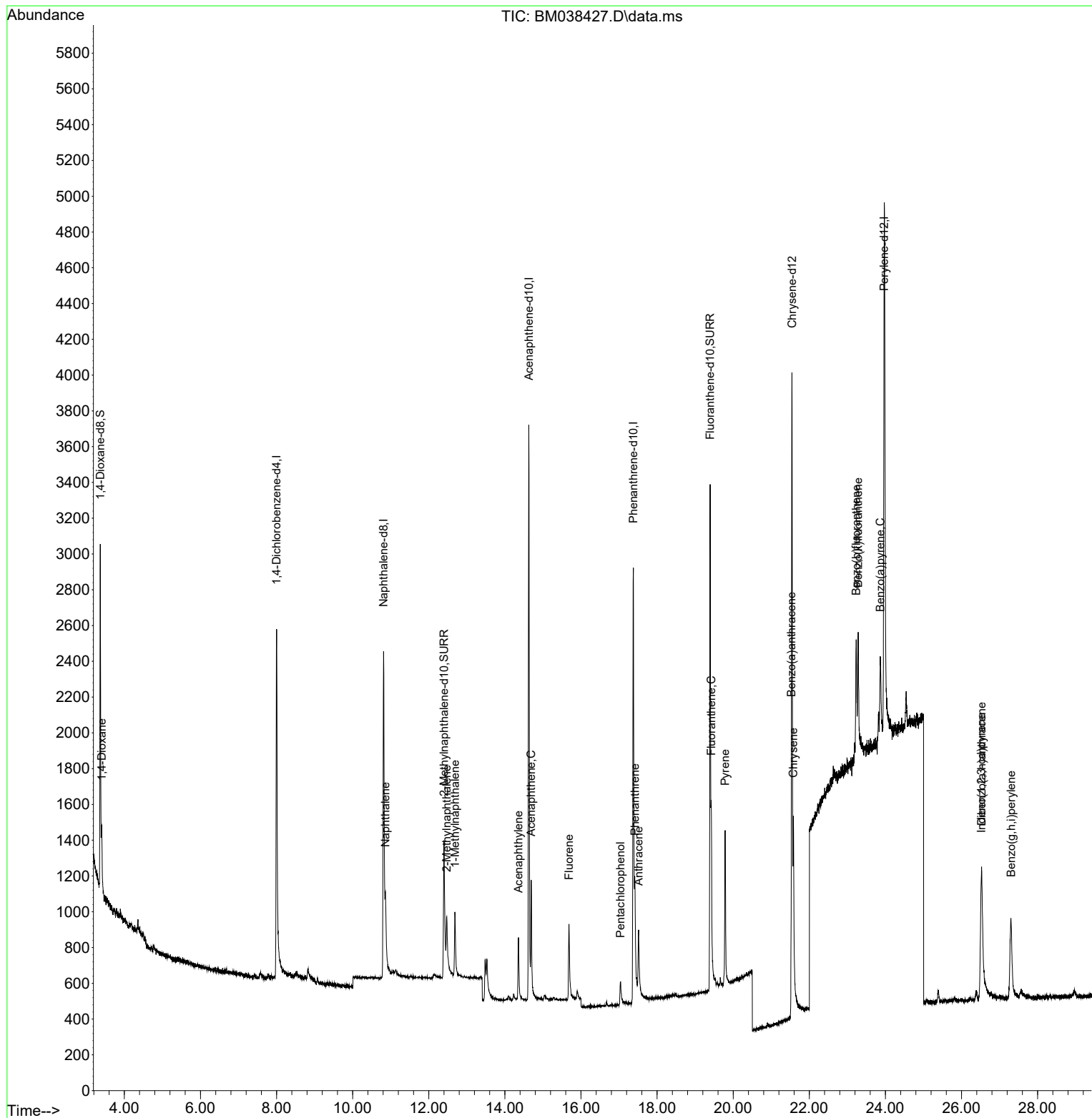
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	1364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	3502	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.629	164	1967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	3911	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	4255	0.400	ng/ul	0.00
23) Perylene-d12	23.971	264	4833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	1119	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	1648	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3898	0.323	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	242	0.116	ng/ul#	76
5) Naphthalene	10.862	128	549	0.059	ng/ul#	66
7) 2-Methylnaphthalene	12.473	142	320	0.056	ng/ul	96
8) 1-Methylnaphthalene	12.687	142	303	0.052	ng/ul	94
10) Acenaphthylene	14.356	152	512	0.056	ng/ul#	70
11) Acenaphthene	14.689	153	396	0.058	ng/ul	95
12) Fluorene	15.684	166	414	0.054	ng/ul#	92
14) Pentachlorophenol	17.037	266	168	0.121	ng/ul	88
15) Phenanthrene	17.417	178	675	0.058	ng/ul#	78
16) Anthracene	17.514	178	552	0.052	ng/ul#	69
19) Fluoranthene	19.422	202	855	0.058	ng/ul#	73
20) Pyrene	19.789	202	928	0.059	ng/ul#	81
21) Benzo(a)anthracene	21.530	228	817	0.058	ng/ul#	87
22) Chrysene	21.583	228	877	0.059	ng/ul#	89
24) Benzo(b)fluoranthene	23.234	252	1051	0.060	ng/ul#	55
25) Benzo(k)fluoranthene	23.284	252	965	0.055	ng/ul#	52
26) Benzo(a)pyrene	23.866	252	917	0.055	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.518	276	1418	0.059	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.528	278	1084	0.057	ng/ul#	45
29) Benzo(g,h,i)perylene	27.303	276	1200	0.056	ng/ul#	73

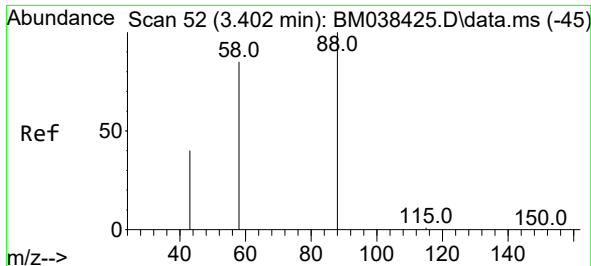
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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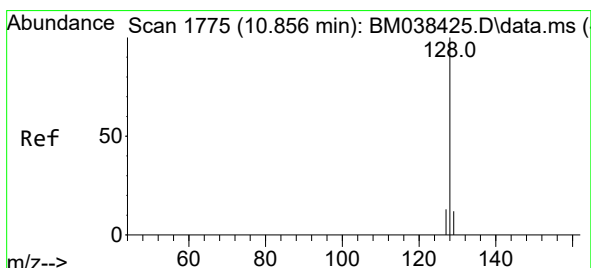
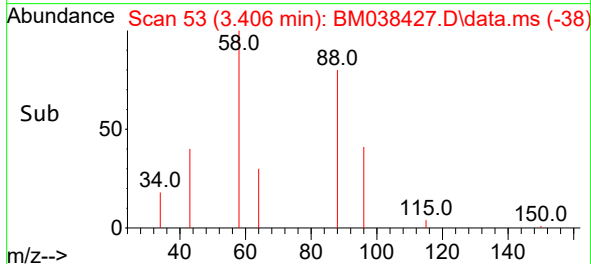
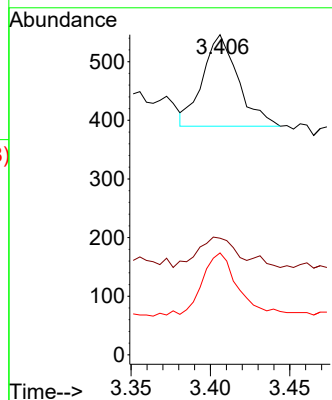
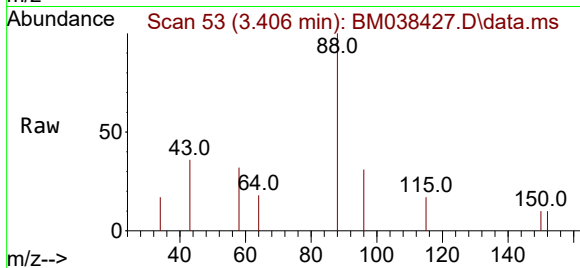




#2
1,4-Dioxane
Concen: 0.116 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

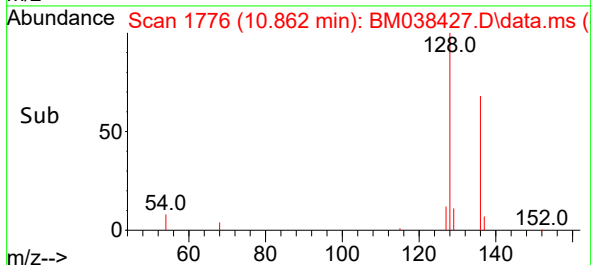
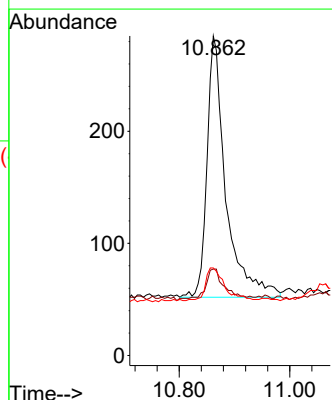
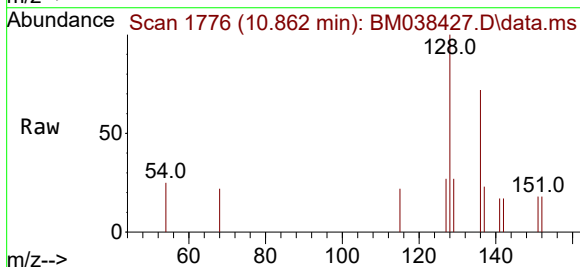
Instrument :
BNA_M
ClientSampleId :

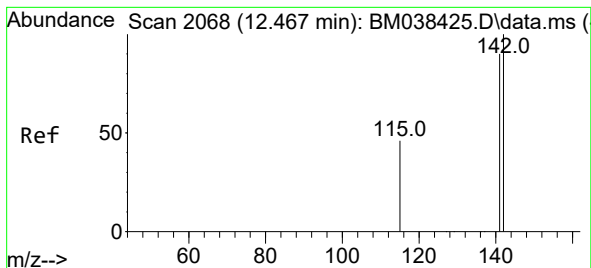
Tgt Ion: 88 Resp: 242
Ion Ratio Lower Upper
88 100
43 36.4 32.6 49.0
58 31.9 46.6 69.8#



#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.005 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Tgt Ion:128 Resp: 549
Ion Ratio Lower Upper
128 100
129 27.0 10.2 15.2#
127 27.4 11.4 17.2#

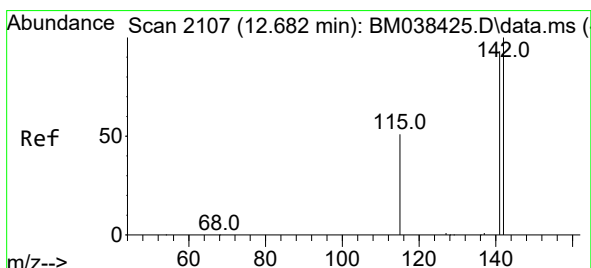
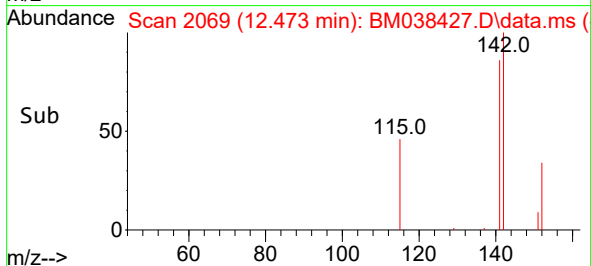
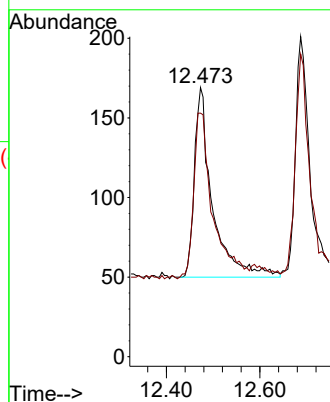
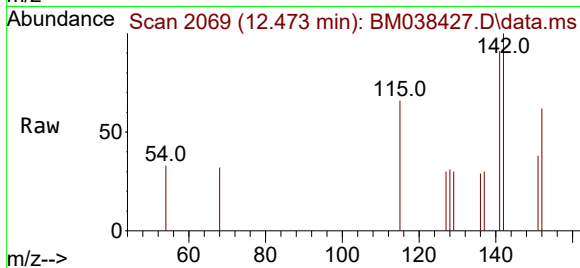




#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.473 min Scan# 2068
Delta R.T. 0.005 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

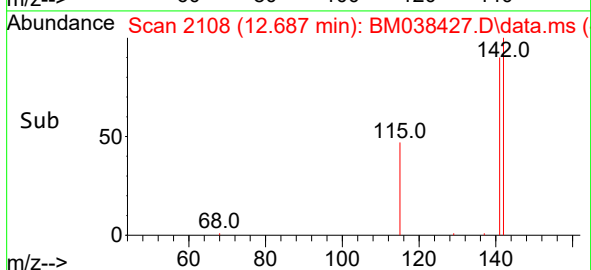
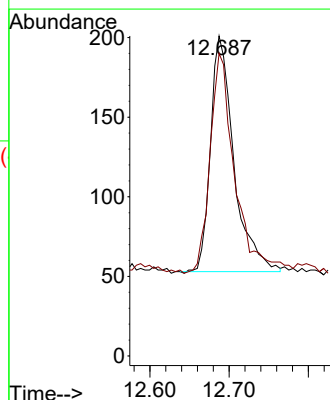
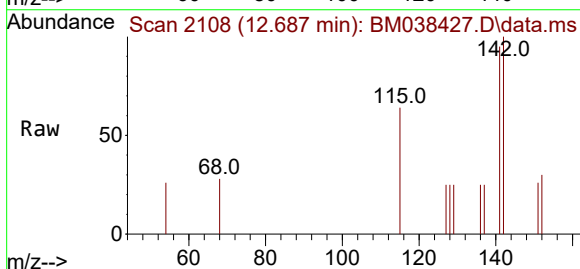
Instrument :
BNA_M
ClientSampleId :

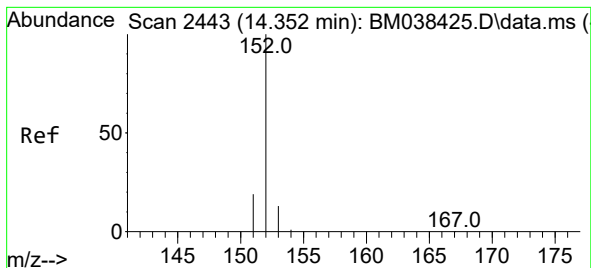
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
141 92.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.005 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Tgt Ion:142 Resp: 303
Ion Ratio Lower Upper
142 100
141 97.0 73.2 109.8





#10

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.356 min Scan# 2444

Delta R.T. 0.005 min

Lab File: BM038427.D

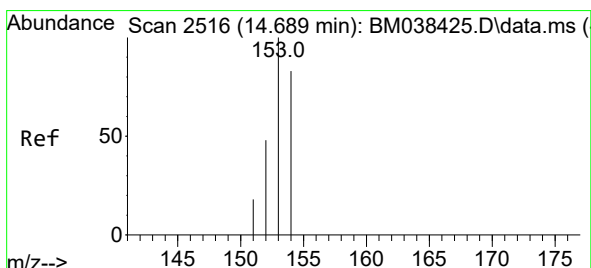
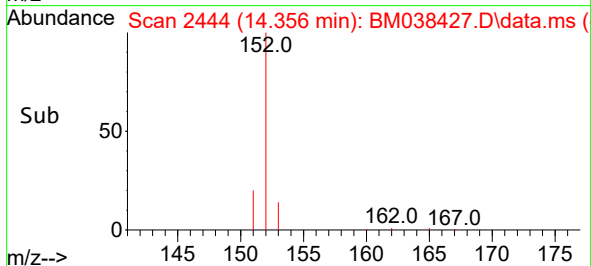
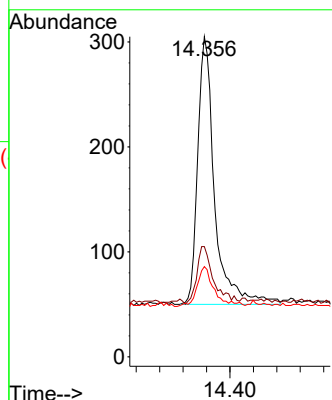
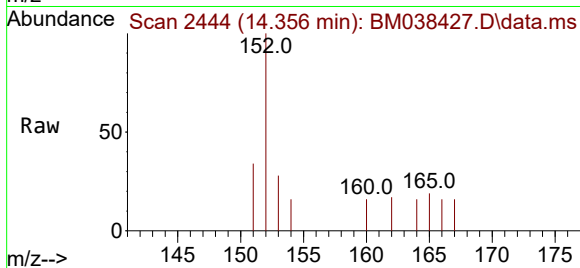
Acq: 11 Jan 2023 10:38

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	152	Resp:	512
Ion	Ratio	Lower	Upper
152	100		
151	34.4	17.0	25.4#
153	28.2	12.0	18.0#



#11

Acenaphthene

Concen: 0.058 ng/ul

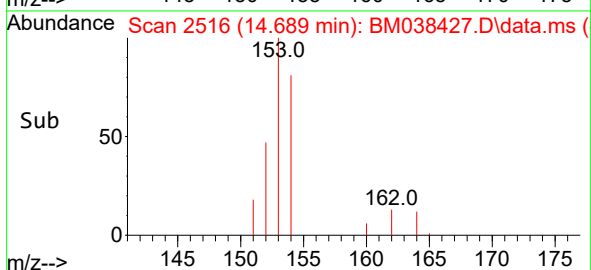
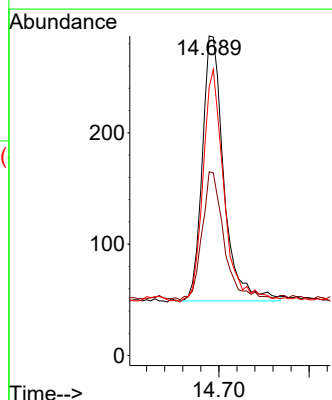
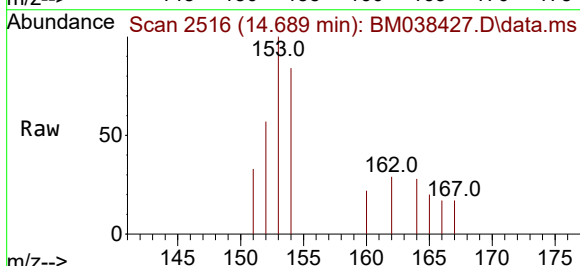
RT: 14.689 min Scan# 2516

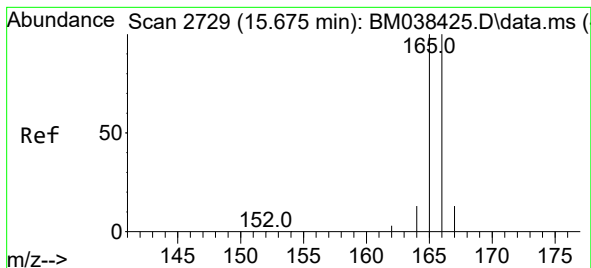
Delta R.T. -0.000 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Tgt Ion:	153	Resp:	396
Ion	Ratio	Lower	Upper
153	100		
152	57.5	38.8	58.2
154	84.0	67.3	100.9





#12

Fluorene

Concen: 0.054 ng/ul

RT: 15.684 min Scan# 21

Delta R.T. 0.009 min

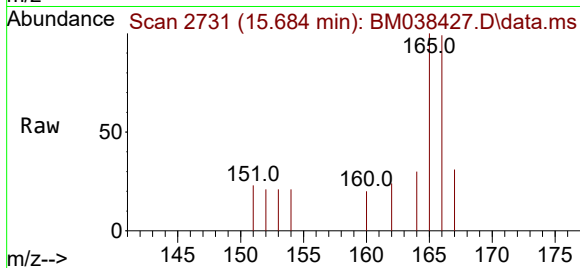
Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Instrument :

BNA_M

ClientSampleId :



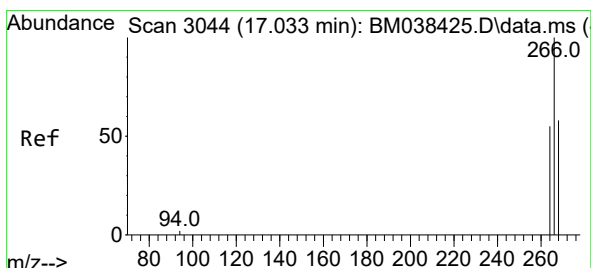
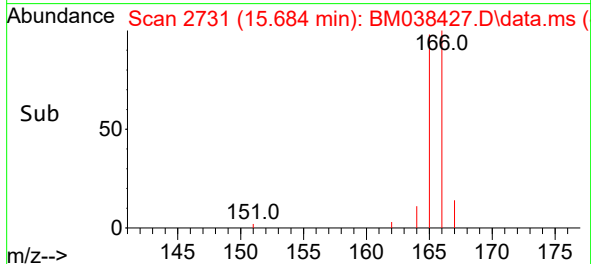
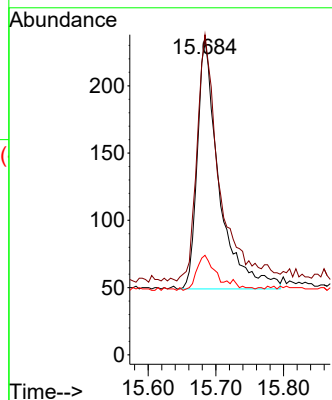
Tgt Ion:166 Resp: 414

Ion Ratio Lower Upper

166 100

165 101.3 78.2 117.2

167 31.5 12.5 18.7#



#14

Pentachlorophenol

Concen: 0.121 ng/ul

RT: 17.037 min Scan# 3045

Delta R.T. 0.004 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

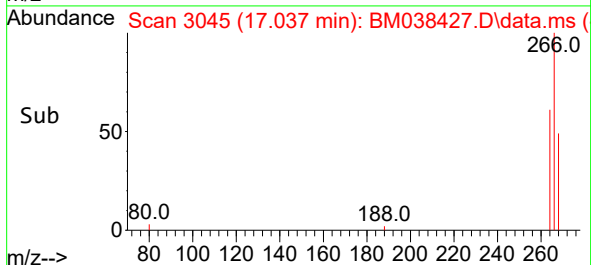
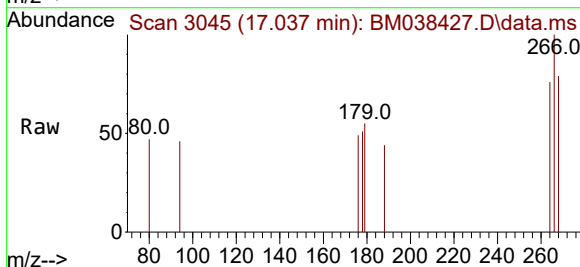
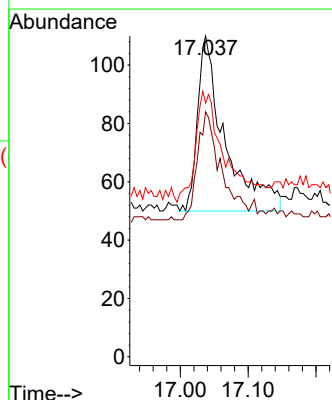
Tgt Ion:266 Resp: 168

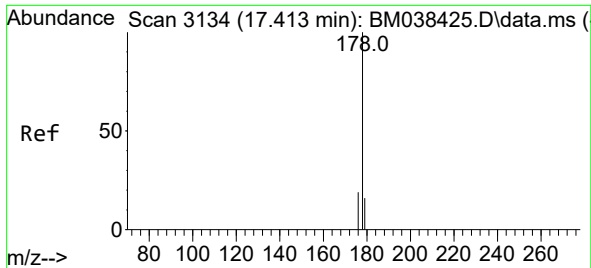
Ion Ratio Lower Upper

266 100

264 53.0 50.0 75.0

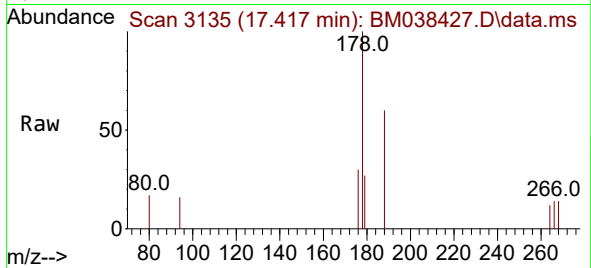
268 68.5 48.2 72.2



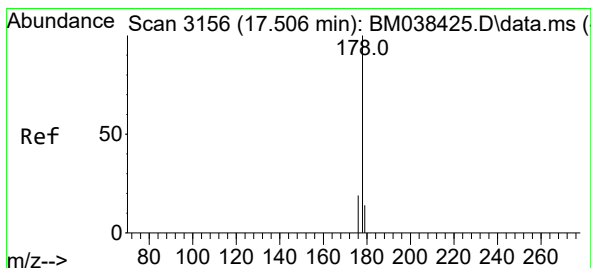
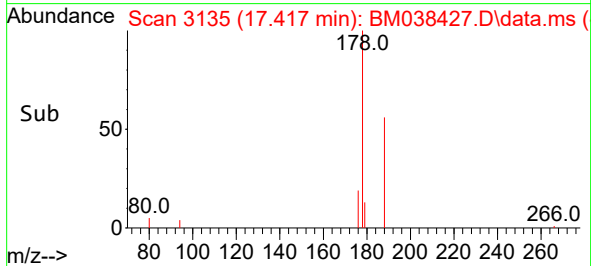
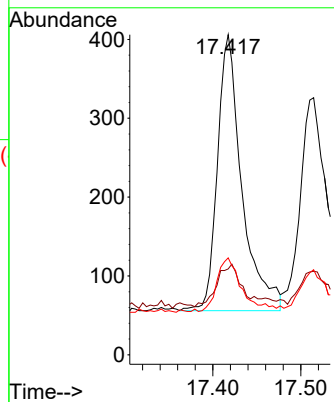


#15
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Instrument :
BNA_M
ClientSampleId :

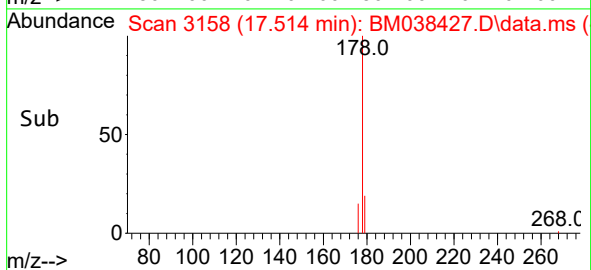
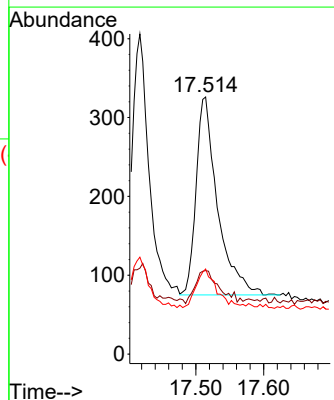
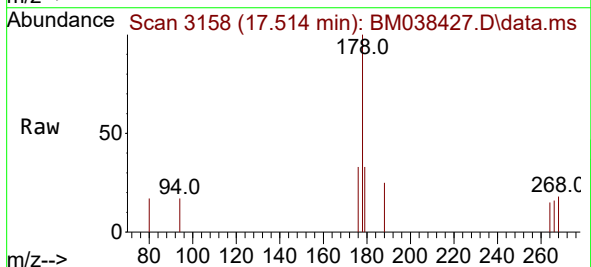


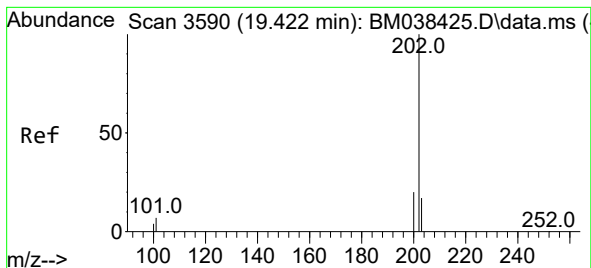
Tgt Ion:178 Resp: 675
Ion Ratio Lower Upper
178 100
179 26.8 13.5 20.3#
176 30.3 16.6 25.0#



#16
Anthracene
Concen: 0.052 ng/ul
RT: 17.514 min Scan# 3158
Delta R.T. 0.008 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Tgt Ion:178 Resp: 552
Ion Ratio Lower Upper
178 100
179 32.5 14.2 21.2#
176 33.1 15.8 23.8#





#19

Fluoranthene

Concen: 0.058 ng/ul

RT: 19.422 min Scan# 3590

Delta R.T. -0.000 min

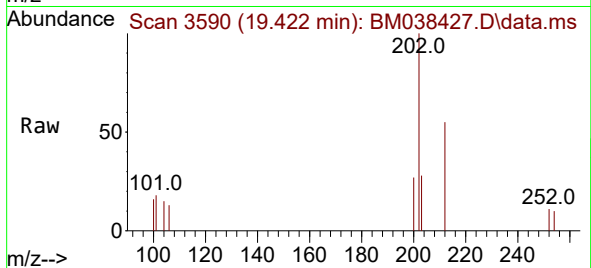
Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

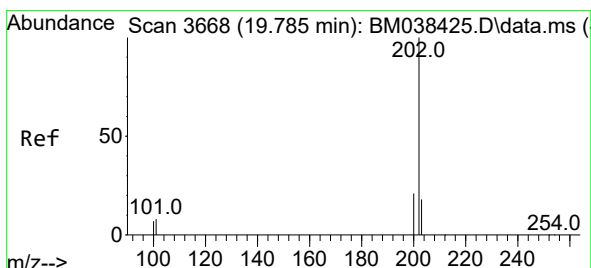
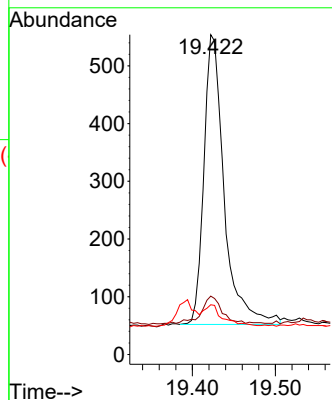
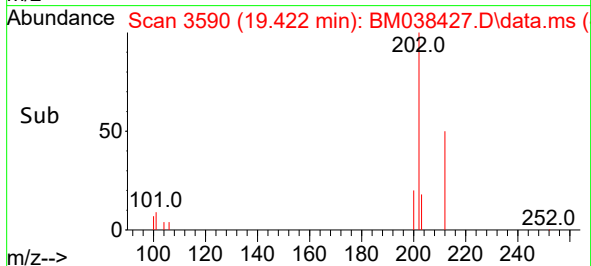
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	855
Ion	Ratio	Lower	Upper
202	100		
101	18.2	6.6	10.0#
100	15.5	5.4	8.2#



#20

Pyrene

Concen: 0.059 ng/ul

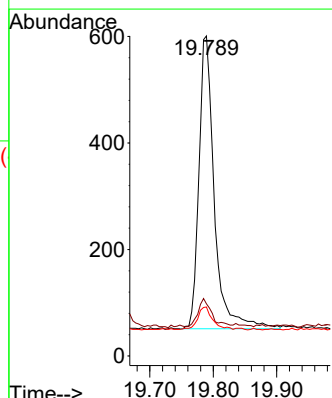
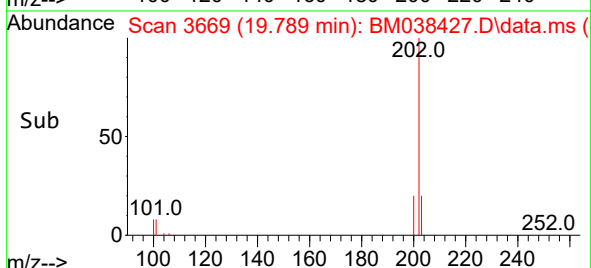
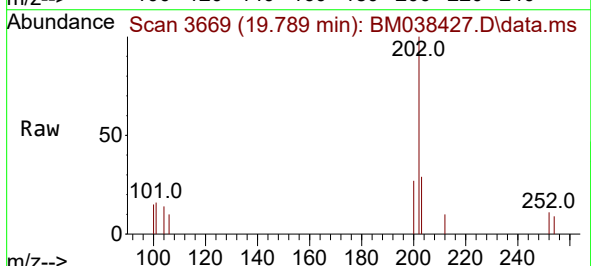
RT: 19.789 min Scan# 3669

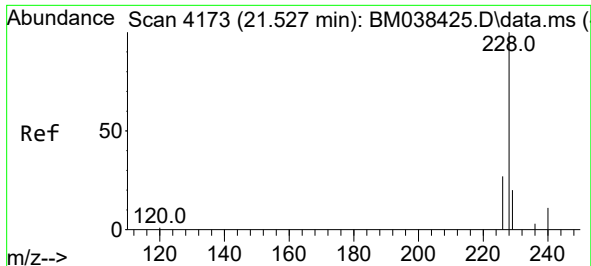
Delta R.T. 0.005 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

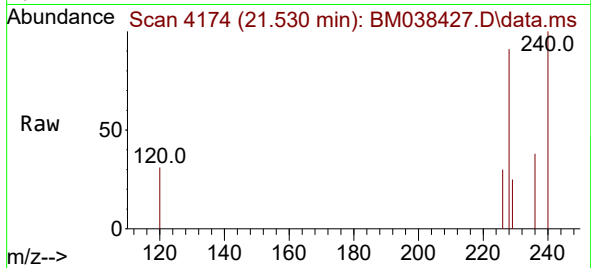
Tgt Ion:	202	Resp:	928
Ion	Ratio	Lower	Upper
202	100		
101	16.3	7.8	11.6#
100	15.3	6.5	9.7#



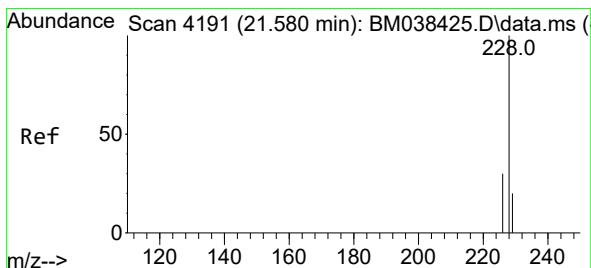
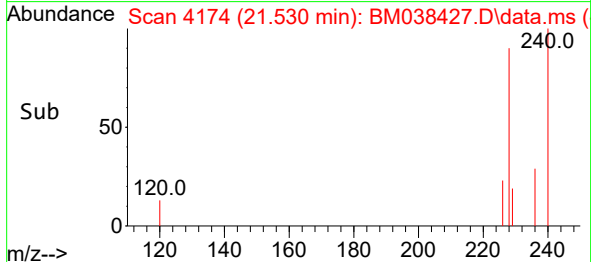
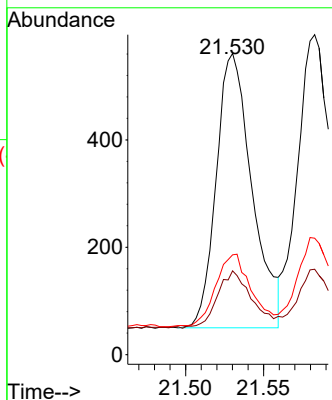


#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.530 min Scan# 4173
Delta R.T. 0.003 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Instrument :
BNA_M
ClientSampleId :

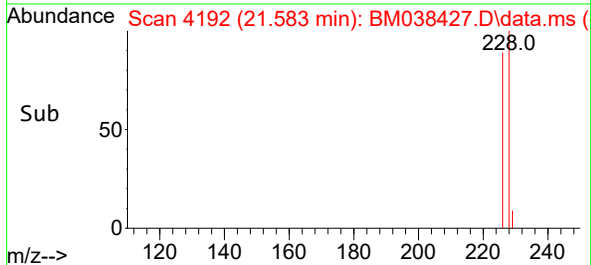
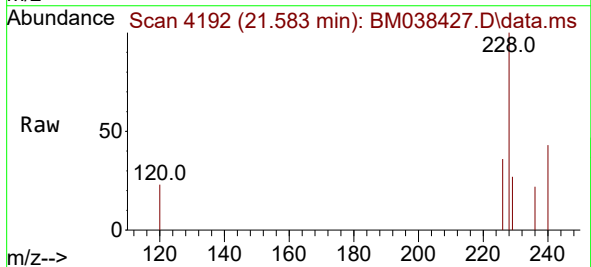
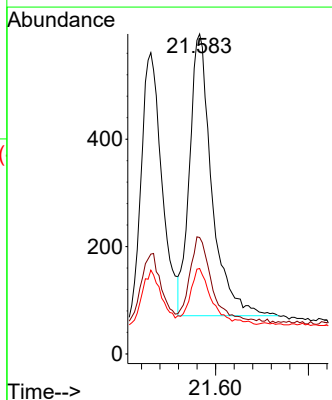


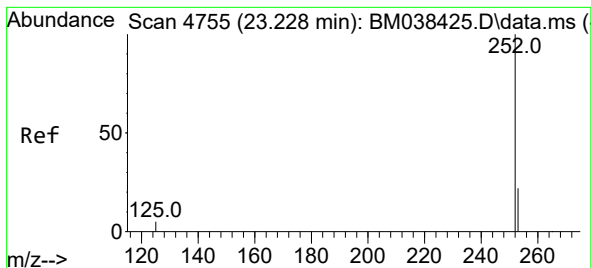
Tgt Ion:228 Resp: 817
Ion Ratio Lower Upper
228 100
229 27.8 16.4 24.6#
226 33.2 22.2 33.2



#22
Chrysene
Concen: 0.059 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM038427.D
Acq: 11 Jan 2023 10:38

Tgt Ion:228 Resp: 877
Ion Ratio Lower Upper
228 100
226 36.4 25.3 37.9
229 26.7 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.060 ng/ul

RT: 23.234 min Scan# 4755

Delta R.T. 0.006 min

Lab File: BM038427.D

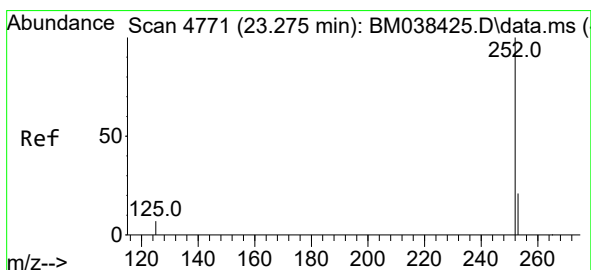
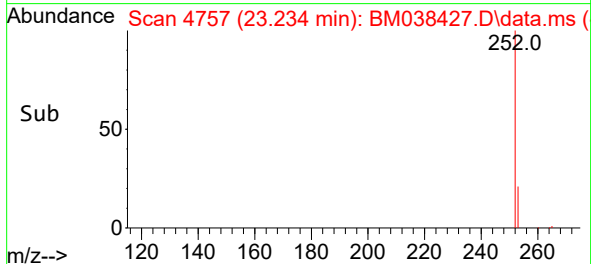
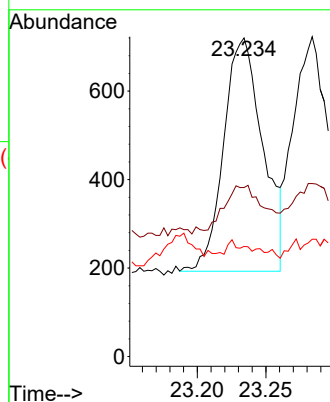
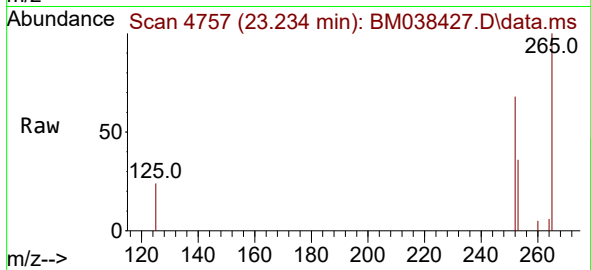
Acq: 11 Jan 2023 10:38

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	1051
Ion Ratio	Lower	Upper
252	100	
253	53.1	0.0 60.4
125	34.6	0.0 27.6#



#25

Benzo(k)fluoranthene

Concen: 0.055 ng/ul

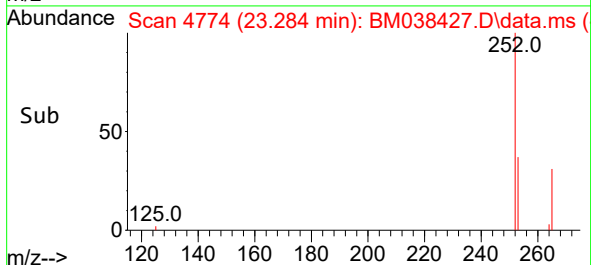
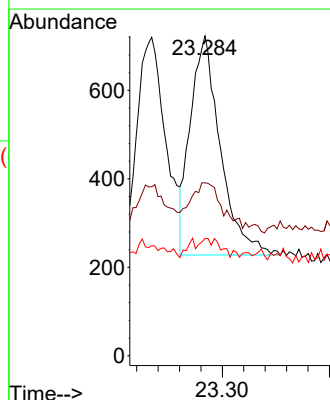
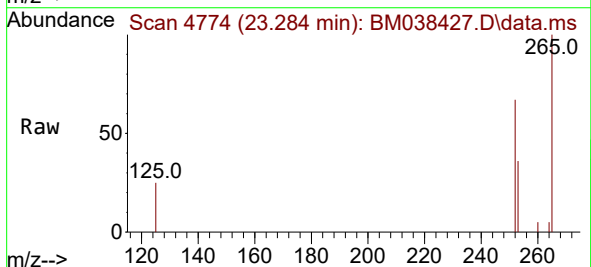
RT: 23.284 min Scan# 4774

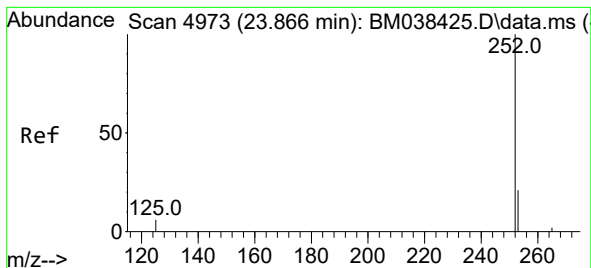
Delta R.T. 0.009 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Tgt Ion:252	Resp:	965
Ion Ratio	Lower	Upper
252	100	
253	54.1	24.4 36.6#
125	36.7	10.7 16.1#





#26

Benzo(a)pyrene

Concen: 0.055 ng/ul

RT: 23.866 min Scan# 4973

Delta R.T. -0.000 min

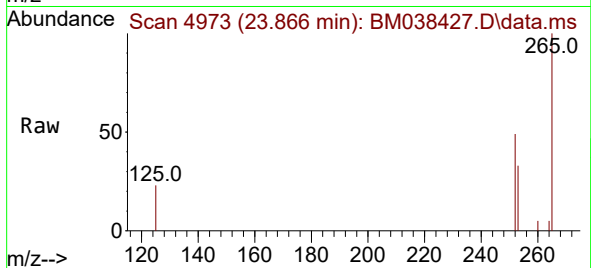
Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Instrument :

BNA_M

ClientSampleId :



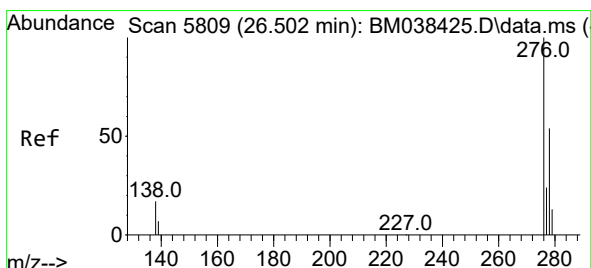
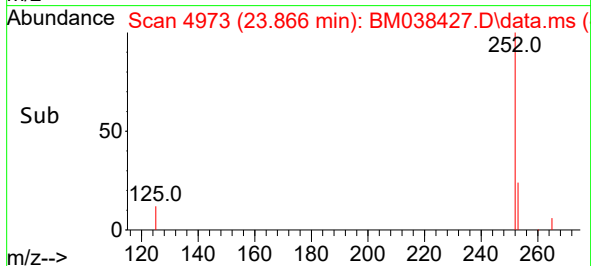
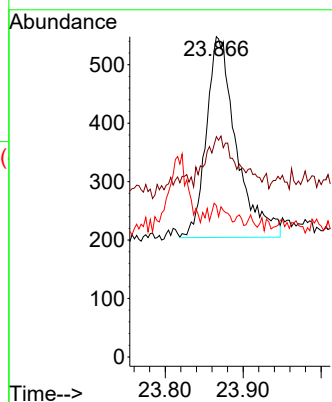
Tgt Ion:252 Resp: 917

Ion Ratio Lower Upper

252 100

253 68.8 27.4 41.2#

125 47.3 13.8 20.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.059 ng/ul

RT: 26.518 min Scan# 5814

Delta R.T. 0.017 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

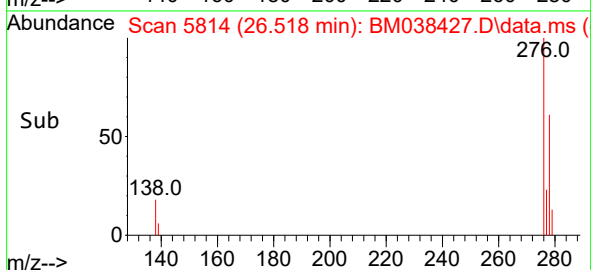
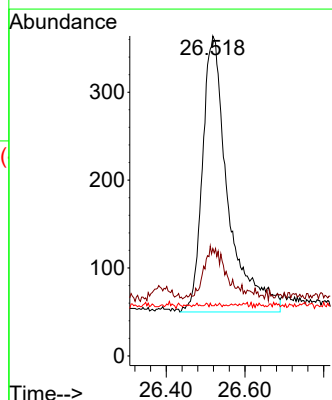
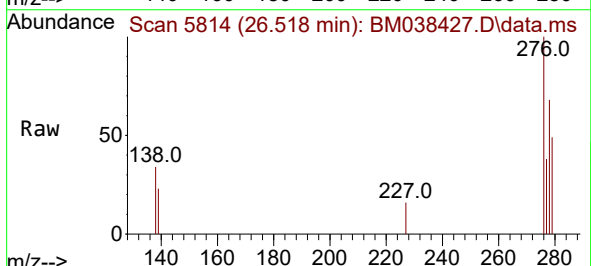
Tgt Ion:276 Resp: 1418

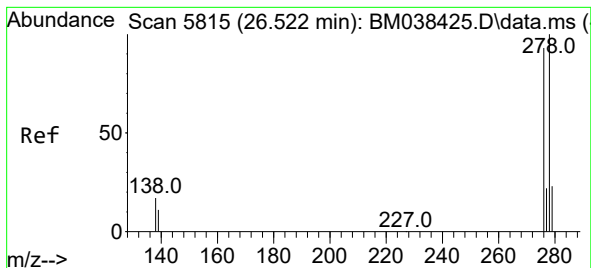
Ion Ratio Lower Upper

276 100

138 14.6 14.1 21.1

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.057 ng/ul

RT: 26.528 min Scan# 5815

Delta R.T. 0.007 min

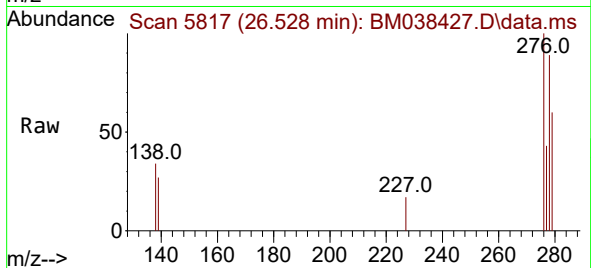
Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Instrument :

BNA_M

ClientSampleId :



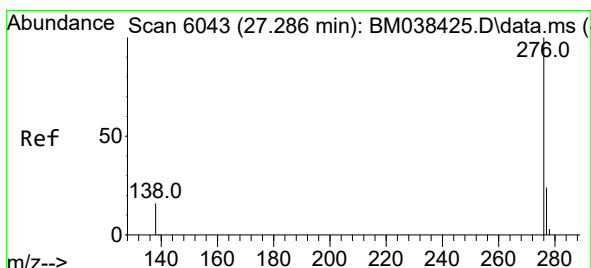
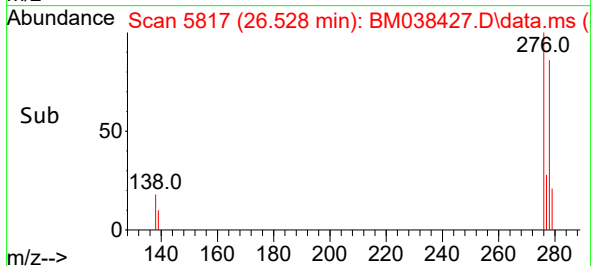
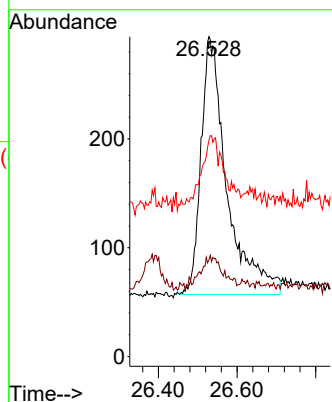
Tgt Ion:278 Resp: 1084

Ion Ratio Lower Upper

278 100

139 30.3 11.4 17.0#

279 67.7 26.4 39.6#



#29

Benzo(g,h,i)perylene

Concen: 0.056 ng/ul

RT: 27.303 min Scan# 6048

Delta R.T. 0.017 min

Lab File: BM038427.D

Acq: 11 Jan 2023 10:38

Tgt Ion:276 Resp: 1200

Ion Ratio Lower Upper

276 100

138 33.0 14.4 21.6#

277 37.4 20.7 31.1#

