

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020427.D
 Acq On : 20 May 2019 12:18
 Operator : JU/SJ
 Sample : K2633-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJA0DL

Quant Time: May 21 02:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	70833	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	267666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	155969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	366113	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	367116	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	420578	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1994	1.04	ng/uL	0.01
5) Phenol-d5	6.91	99	22942	4.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	14644	4.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	18653	4.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	16444	4.00	ng/ul	0.01
19) Nitrobenzene-d5	8.91	128	7445	4.27	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	7686	4.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	17489	4.31	ng/ul	0.01
29) 4-Chloroaniline-d4	10.69	131	9017	2.15	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	58642	5.23	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	73782	5.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	1218	0.75	ng/ul	0.04
57) Fluorene-d10	15.39	176	53901	5.40	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	1031	0.49	ng/ul	0.02
70) Anthracene-d10	17.24	188	87654	5.58	ng/ul	0.00
78) Pyrene-d10	19.54	212	94983	5.37	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	100346	5.25	ng/ul	0.03

Target Compounds

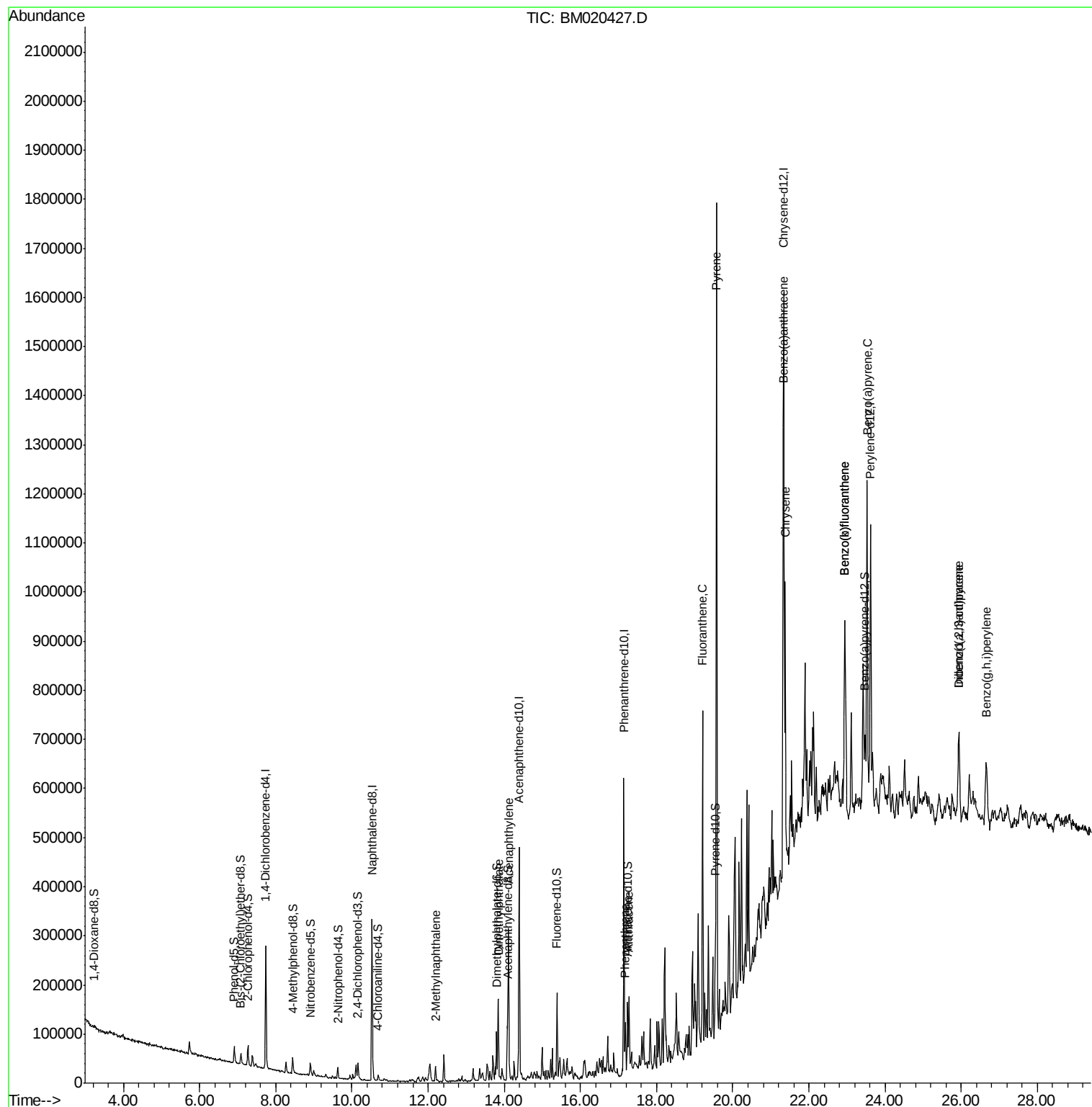
					Qvalue	
34) 2-Methylnaphthalene	12.20	142	16371	1.839	ng/ul	87
44) Dimethylphthalate	13.85	163	16195	1.459	ng/ul#	98
47) Acenaphthylene	14.11	152	217550	16.436	ng/ul	100
69) Phenanthrene	17.19	178	53594	3.072	ng/ul	99
71) Anthracene	17.27	178	93281	5.257	ng/ul	98
76) Fluoranthene	19.20	202	373752	16.961	ng/ul	99
79) Pyrene	19.57	202	1000201	45.391	ng/ul	99
82) Benzo(a)anthracene	21.32	228	358194	16.211	ng/ul#	91
84) Chrysene	21.37	228	338938	16.051	ng/ul	93
87) Benzo(b)fluoranthene	22.94	252	409465	17.059	ng/ul#	94
88) Benzo(k)fluoranthene	22.94	252	409465	17.367	ng/ul#	96
90) Benzo(a)pyrene	23.53	252	471084	20.854	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.94	276	186986	7.264	ng/ul	96
92) Dibenzo(a,h)anthracene	25.94	278	65674	2.984	ng/ul#	77
93) Benzo(g,h,i)perylene	26.66	276	144792	6.796	ng/ul	95

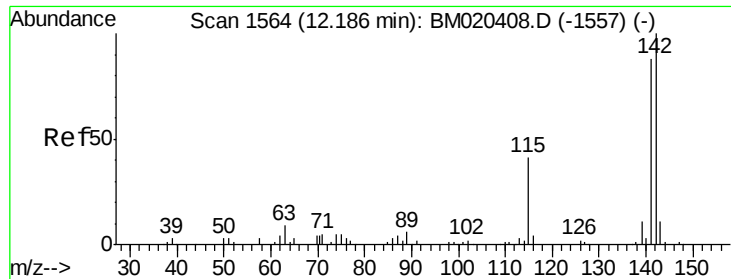
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 1.839 ng/ul

RT: 12.20 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

Instrument :

BNA_M

ClientSampleId :

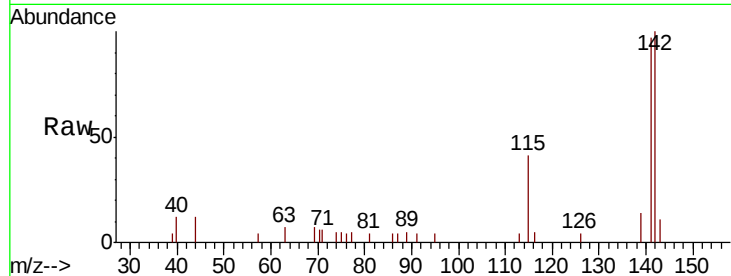
GAJA0DL

Tgt Ion:142 Resp: 16371

Ion Ratio Lower Upper

142 100

141 97.4 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.20

10000

8000

6000

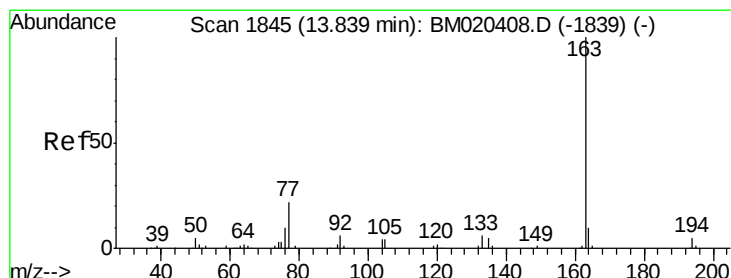
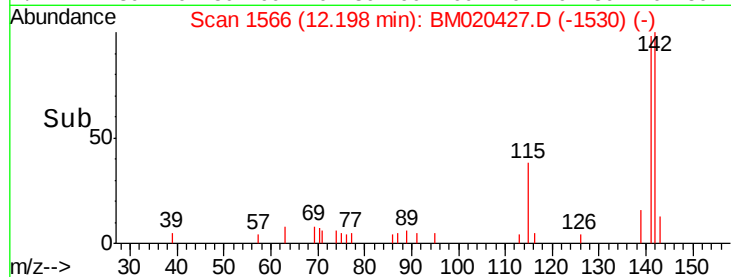
4000

2000

0

Time-->

12.15 12.20 12.25



#44

Dimethylphthalate

Concen: 1.459 ng/ul

RT: 13.85 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

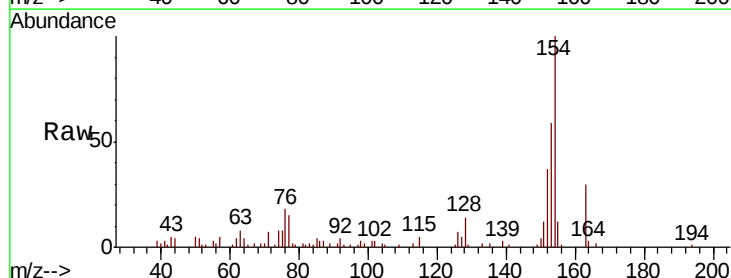
Tgt Ion:163 Resp: 16195

Ion Ratio Lower Upper

163 100

194 5.0 3.3 4.9#

164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.85

15000

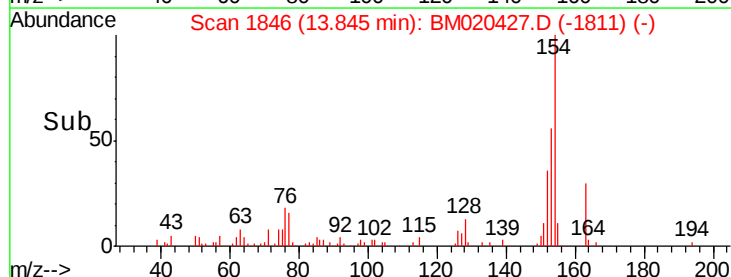
10000

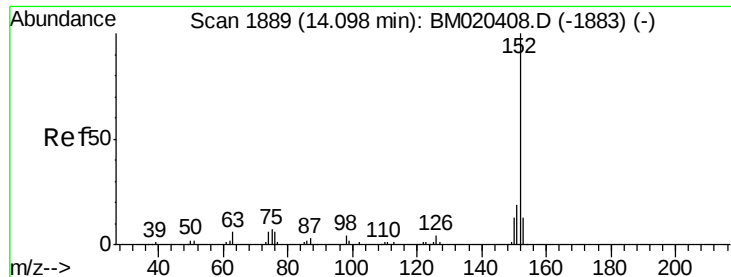
5000

0

Time-->

13.80 13.85 13.90





#47

Acenaphthylene

Concen: 16.436 ng/ul

RT: 14.11 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

Instrument :

BNA_M

ClientSampleId :

GAJA0DL

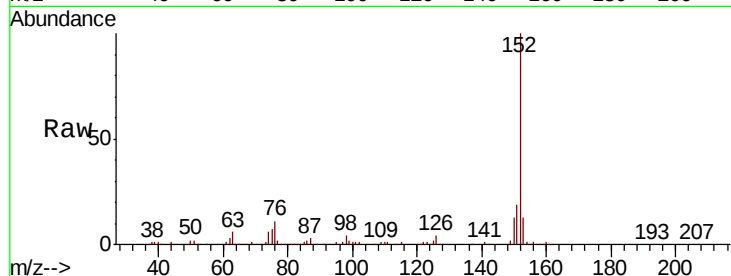
Tgt Ion:152 Resp: 217550

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

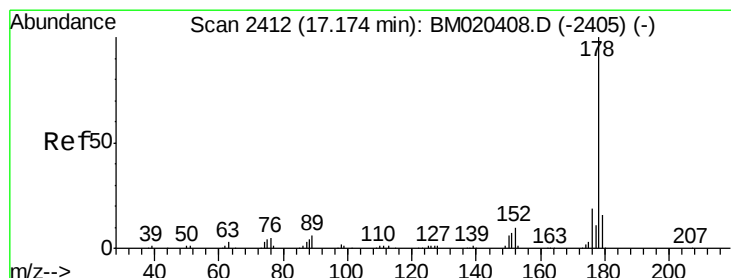
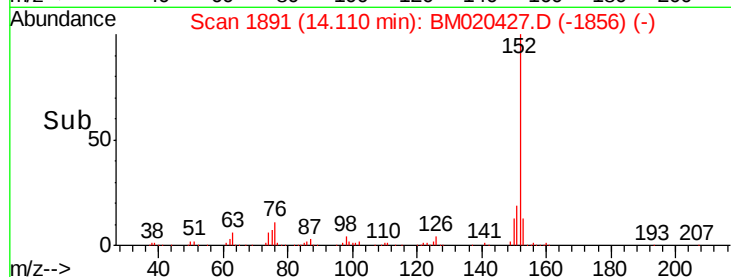
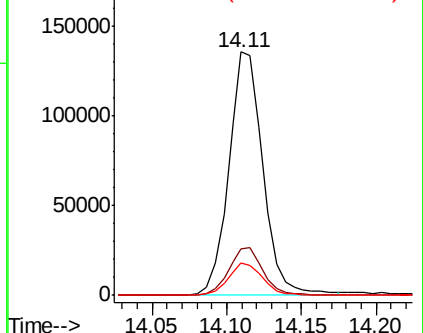
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 3.072 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

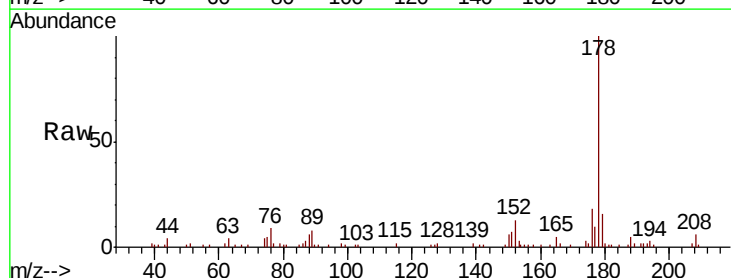
Tgt Ion:178 Resp: 53594

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

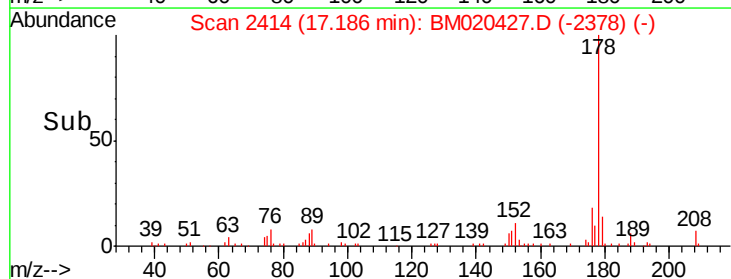
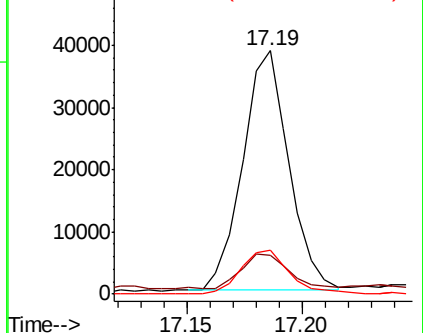
176 17.8 14.6 22.0

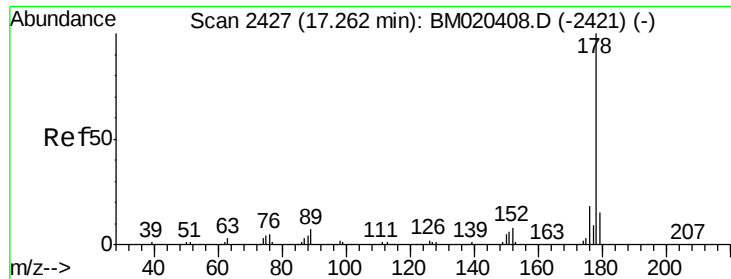


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

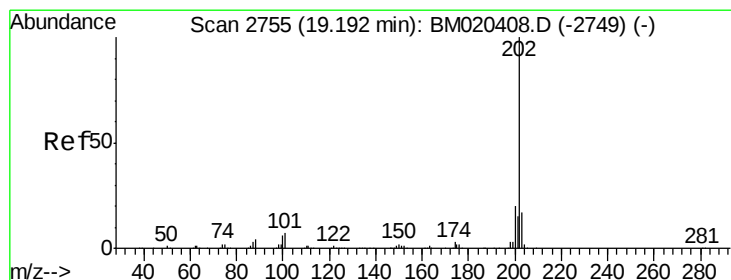
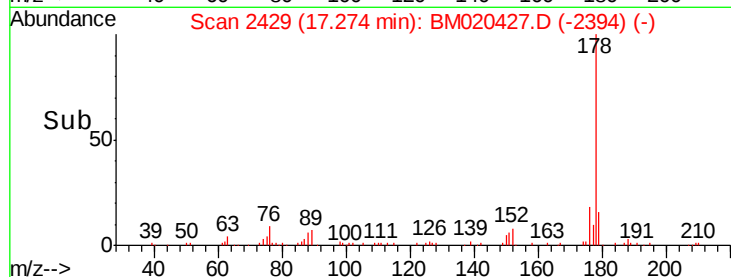
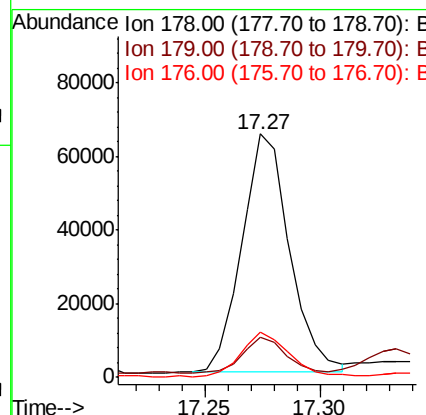
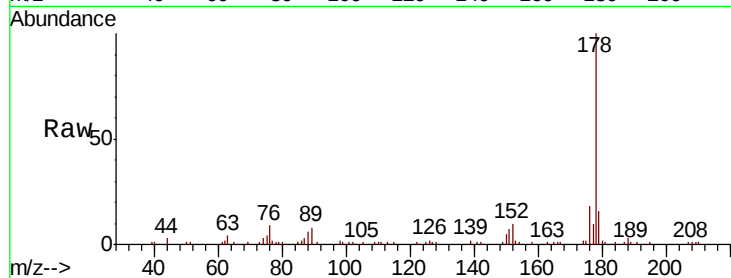




#71
 Anthracene
 Concen: 5.257 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BM020427.D
 Acq: 20 May 2019 12:18

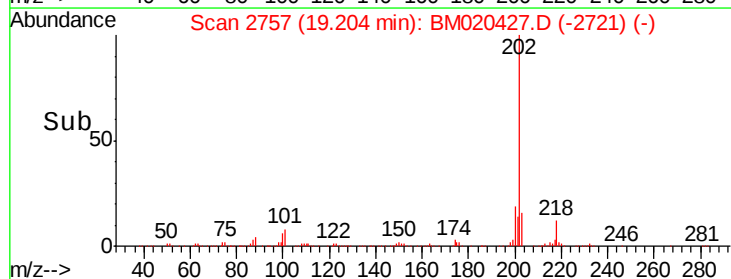
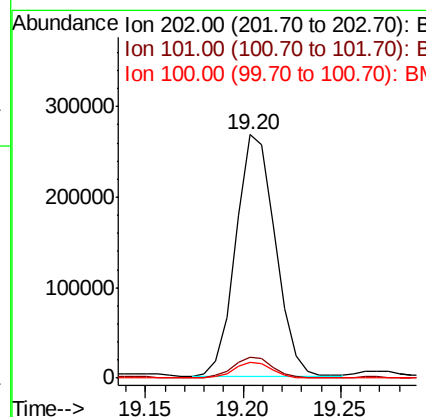
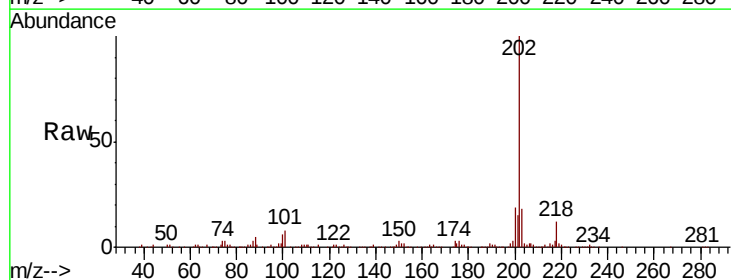
Instrument :
 BNA_M
 ClientSampleId :
 GAJAODL

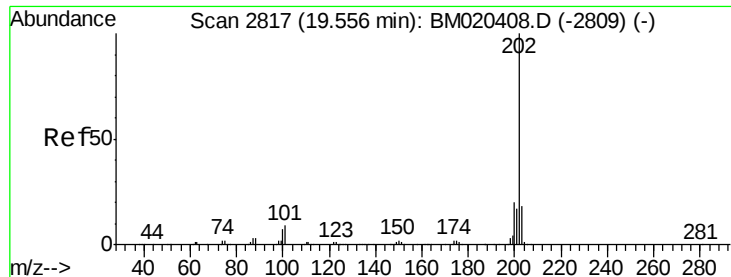
Tgt Ion:178 Resp: 93281
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.4 18.6
 176 18.5 14.4 21.6



#76
 Fluoranthene
 Concen: 16.961 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BM020427.D
 Acq: 20 May 2019 12:18

Tgt Ion:202 Resp: 373752
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.4 9.6
 100 6.5 5.2 7.8

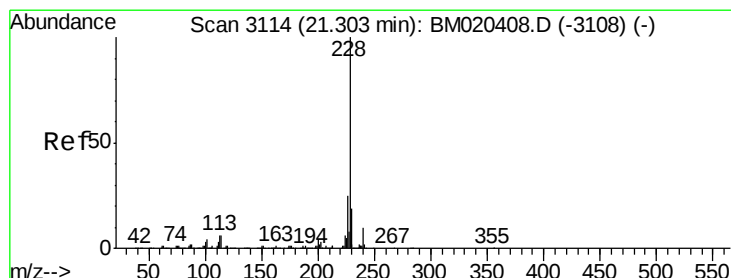
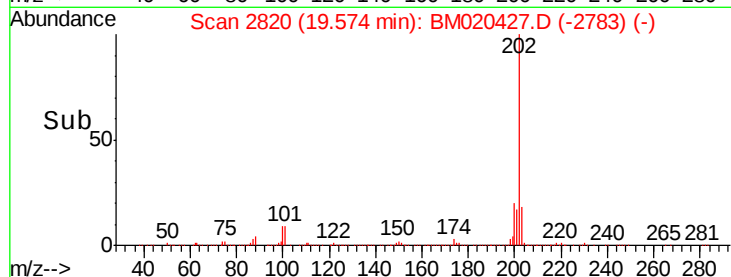
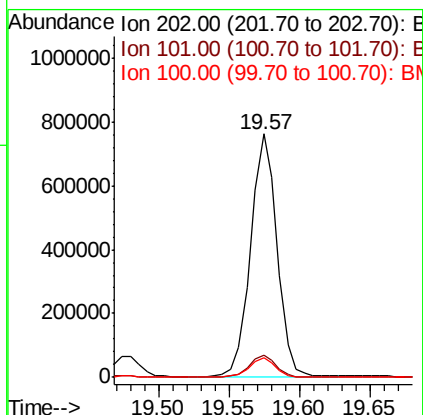
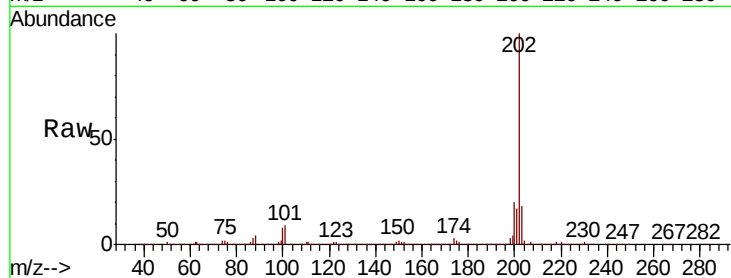




#79
 Pyrene
 Concen: 45.391 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. 0.02 min
 Lab File: BM020427.D
 Acq: 20 May 2019 12:18

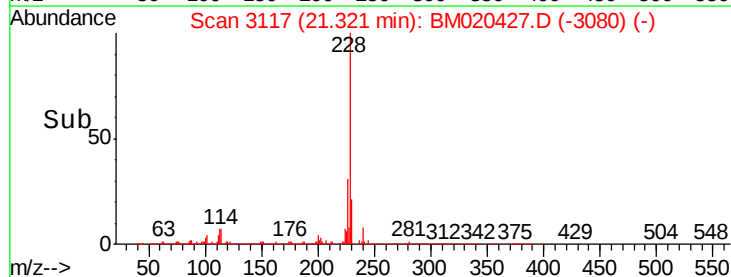
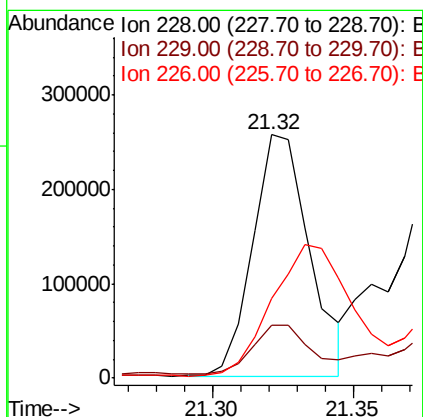
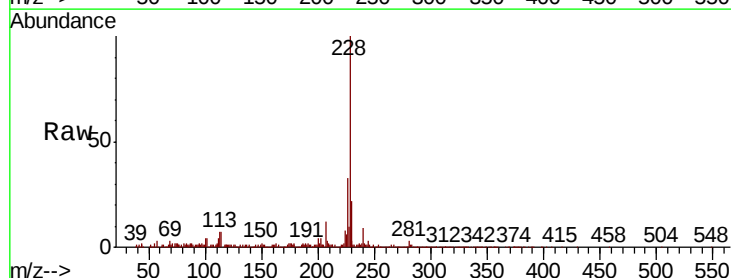
Instrument :
 BNA_M
 ClientSampleId :
 GAJA0DL

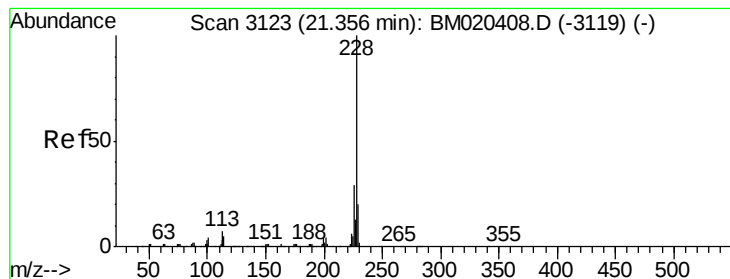
Tgt Ion:202 Resp: 1000201
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.1 10.7
 100 8.2 5.9 8.9



#82
 Benzo(a)anthracene
 Concen: 16.211 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. 0.02 min
 Lab File: BM020427.D
 Acq: 20 May 2019 12:18

Tgt Ion:228 Resp: 358194
 Ion Ratio Lower Upper
 228 100
 229 21.5 15.8 23.8
 226 32.5 20.6 30.8#





#84

Chrysene

Concen: 16.051 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.02 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

Instrument :

BNA_M

ClientSampleId :

GAJA0DL

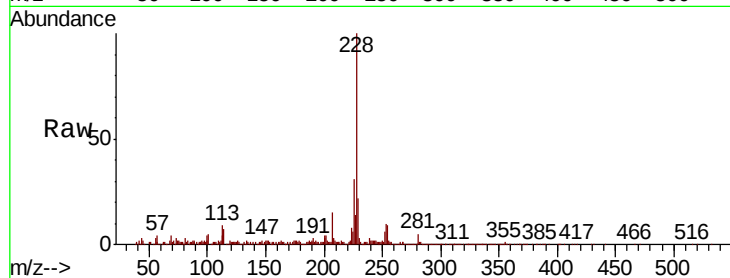
Tgt Ion:228 Resp: 338938

Ion Ratio Lower Upper

228 100

226 31.4 22.2 33.4

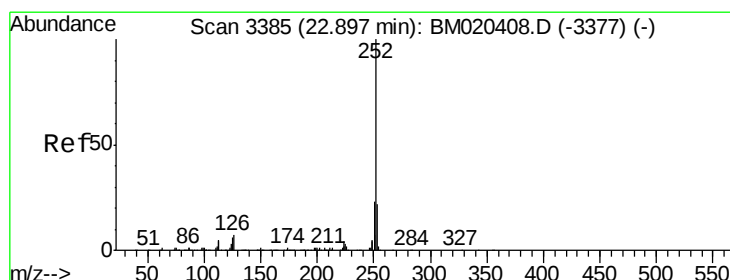
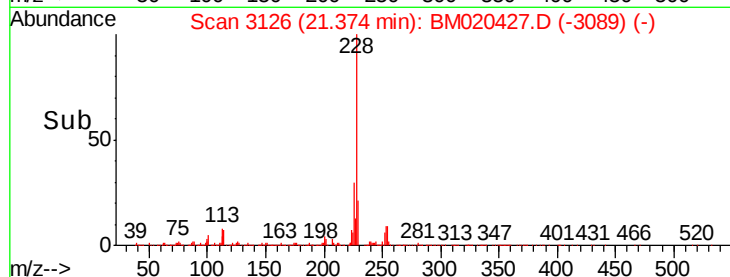
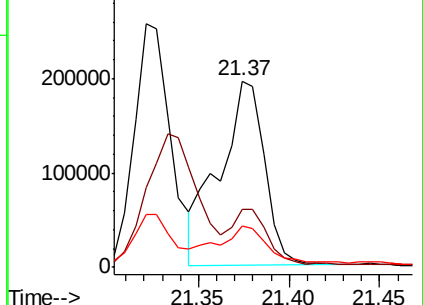
229 22.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 17.059 ng/ul

RT: 22.94 min Scan# 3392

Delta R.T. 0.04 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

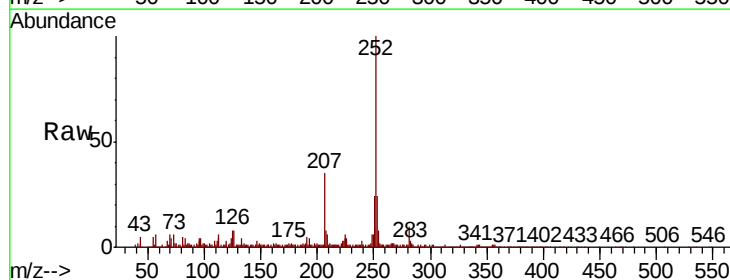
Tgt Ion:252 Resp: 409465

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

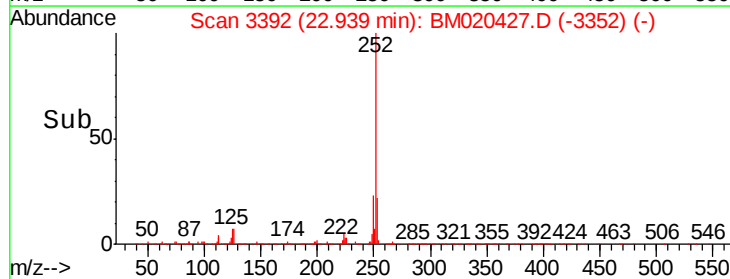
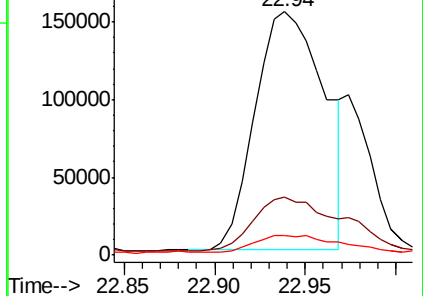
125 8.1 5.0 7.4#

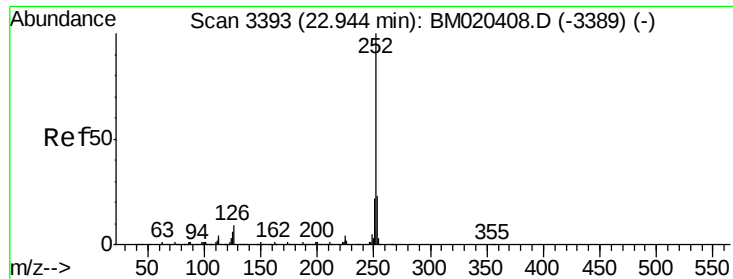


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 17.367 ng/ul

RT: 22.94 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

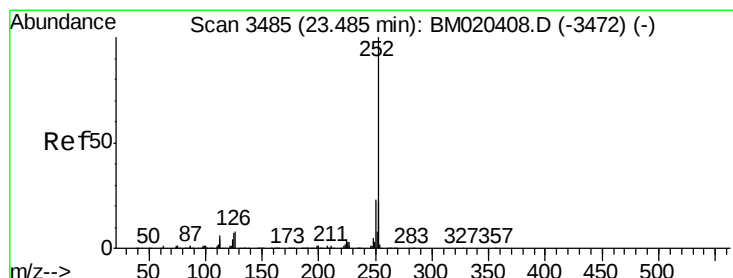
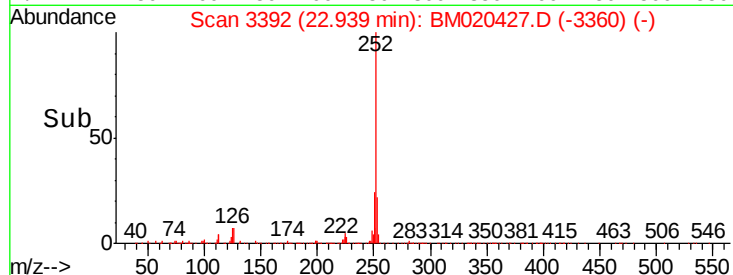
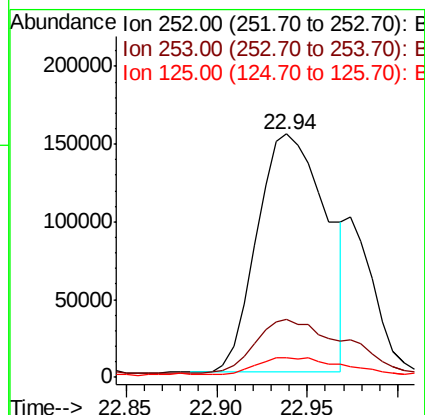
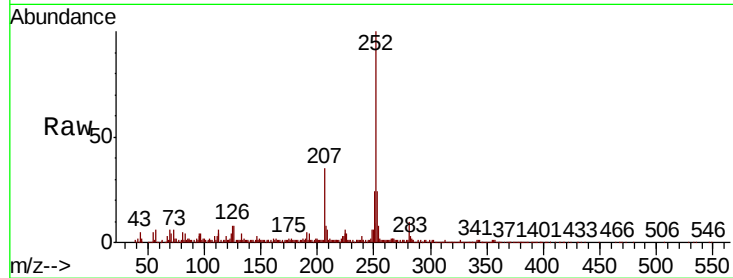
Instrument :

BNA_M

ClientSampleId :

GAJA0DL

Tgt Ion:	252	Resp:	409465
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	8.1	5.0	7.6#



#90

Benzo(a)pyrene

Concen: 20.854 ng/ul

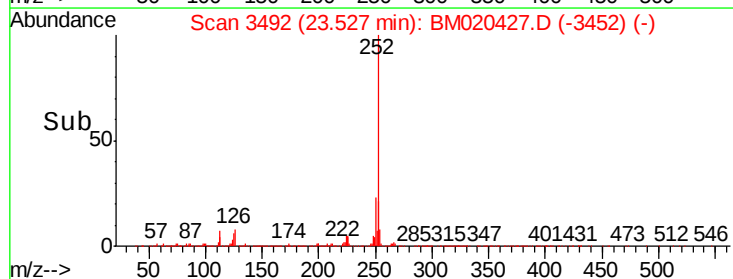
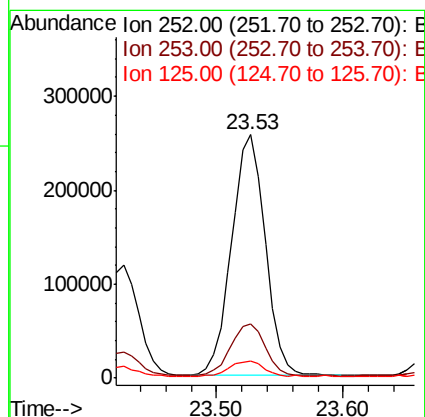
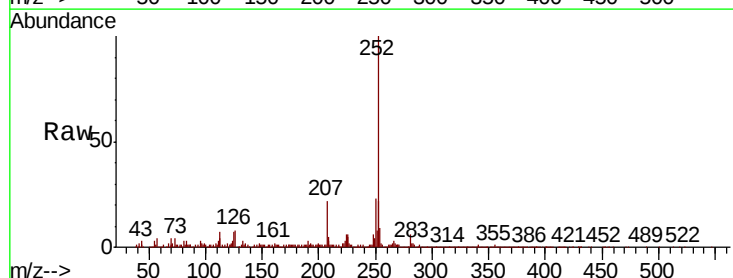
RT: 23.53 min Scan# 3492

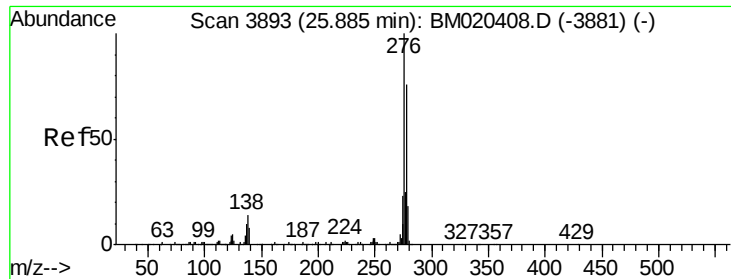
Delta R.T. 0.04 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

Tgt Ion:	252	Resp:	471084
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	7.1	5.4	8.2



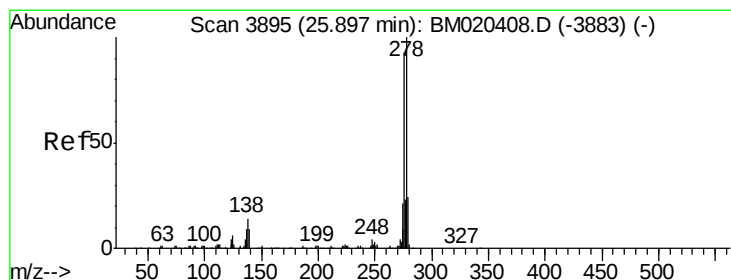
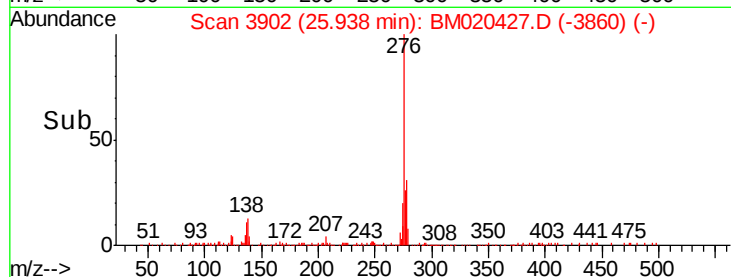
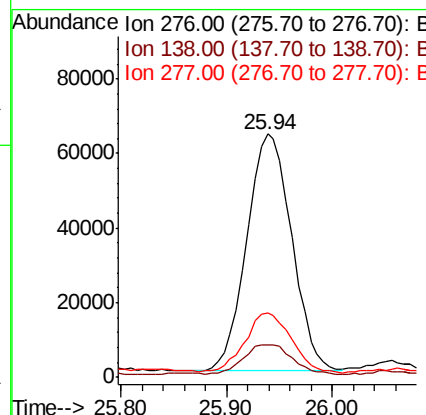
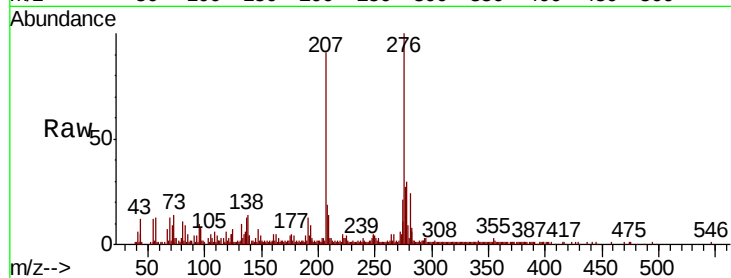


#91

Indeno(1,2,3-cd)pyrene
Concen: 7.264 ng/ul
RT: 25.94 min Scan# 3902
Delta R.T. 0.05 min
Lab File: BM020427.D
Acq: 20 May 2019 12:18

Instrument :
BNA_M
ClientSampleId :
GAJA0DL

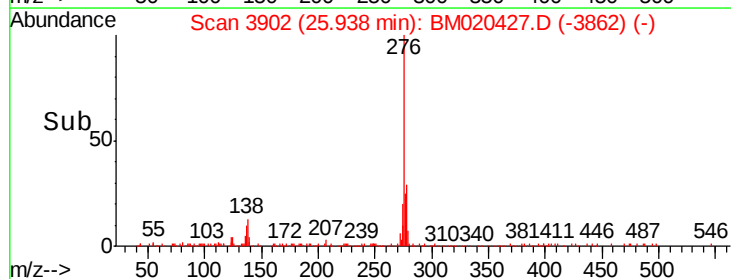
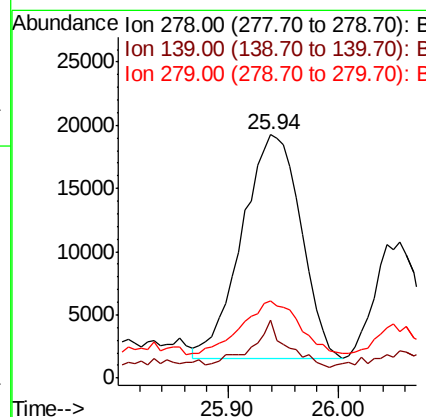
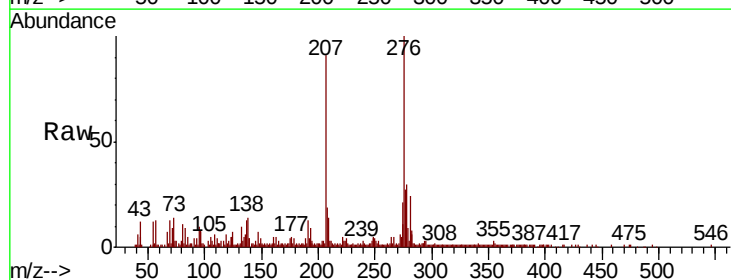
Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.3	18.5
277	26.6	20.0	30.0

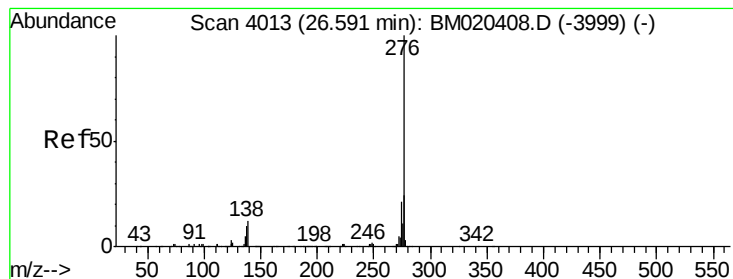


#92

Dibenzo(a,h)anthracene
Concen: 2.984 ng/ul
RT: 25.94 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BM020427.D
Acq: 20 May 2019 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	8.1	12.1#
279	31.7	18.7	28.1#





#93

Benzo(g,h,i)perylene

Concen: 6.796 ng/ul

RT: 26.66 min Scan# 4024

Delta R.T. 0.06 min

Lab File: BM020427.D

Acq: 20 May 2019 12:18

Instrument :

BNA_M

ClientSampleId :

GAJA0DL

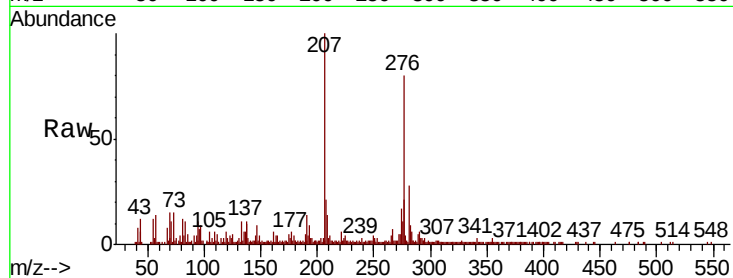
Tgt Ion: 276 Resp: 144792

Ion Ratio Lower Upper

276 100

138 12.7 10.0 15.0

277 26.8 18.2 27.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

