

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021281.D
 Acq On : 30 Jun 2019 02:42
 Operator : HP/JU
 Sample : K3590-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA5

Quant Time: Jun 30 03:39:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	365073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1633678	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	1018128	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2076397	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1469761	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1760632	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25768	3.35	ng/uL	0.00
5) Phenol-d5	6.93	99	646545	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	364521	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	535882	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	534664	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	288849	21.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	351062	23.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	655878	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	607041	19.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2024527	22.01	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2397789	21.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	250430	16.74	ng/ul	0.00
57) Fluorene-d10	15.40	176	1699128	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	202485	15.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	2297809	21.30	ng/ul	0.00
78) Pyrene-d10	19.54	212	2088100	23.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2251090	21.67	ng/ul	0.00

Target Compounds

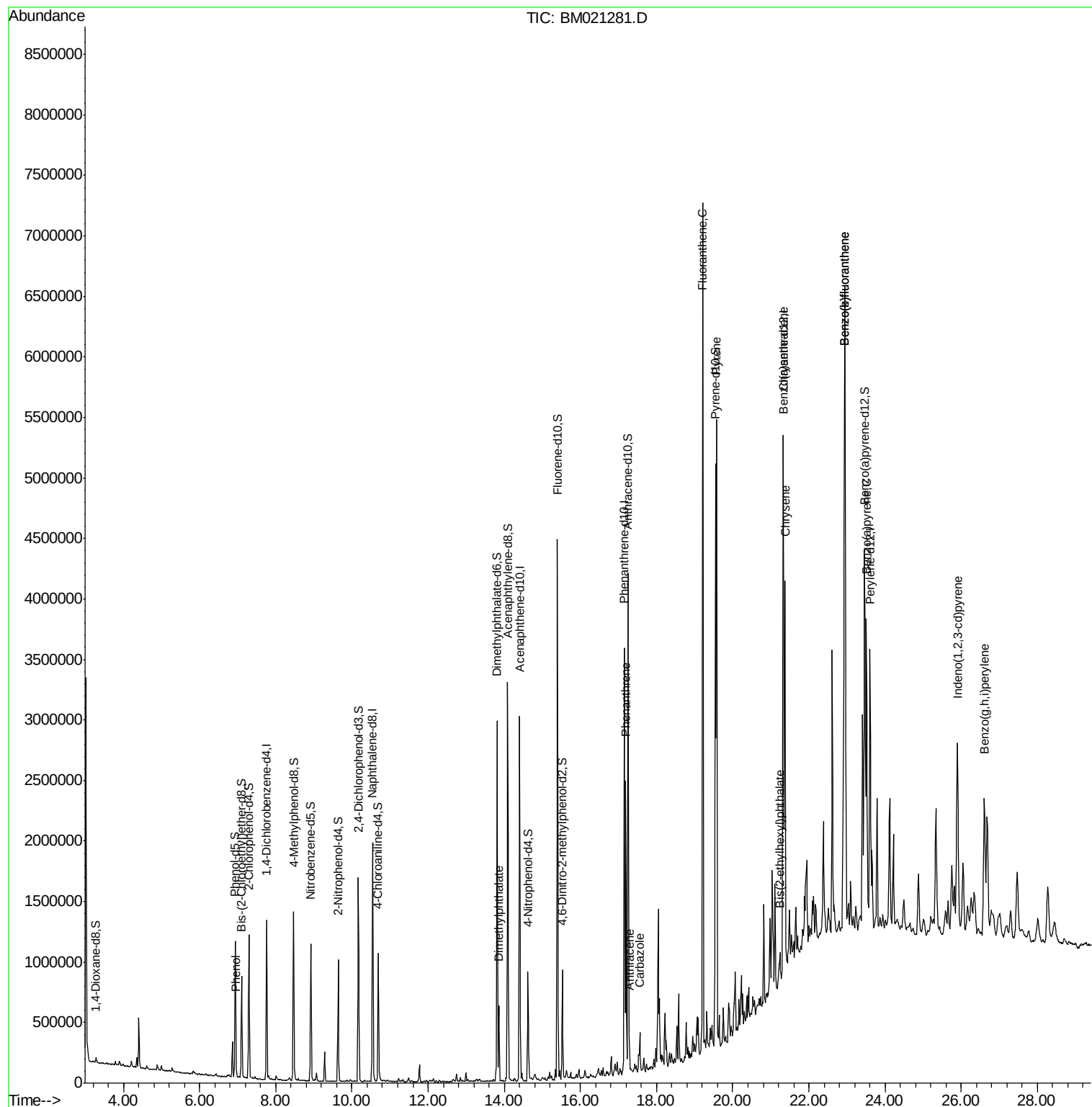
					Qvalue	
6) Phenol	6.96	94	38318	1.275	ng/ul	95
44) Dimethylphthalate	13.86	163	419599	5.011	ng/ul	99
69) Phenanthrene	17.19	178	1487835	12.956	ng/ul	99
71) Anthracene	17.29	178	191506	1.636	ng/ul	100
74) Carbazole	17.56	167	207665	2.153	ng/ul	98
76) Fluoranthene	19.21	202	4160624	33.531	ng/ul	99
79) Pyrene	19.57	202	3304712	31.805	ng/ul	100
82) Benzo(a)anthracene	21.32	228	1568789	15.656	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	76411	1.395	ng/ul#	97
84) Chrysene	21.37	228	1901030	20.257	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	2940375	26.365	ng/ul	99
88) Benzo(k)fluoranthene	22.93	252	2940375	27.405	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1718423	16.370	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	1500290	12.137	ng/ul	95
93) Benzo(g,h,i)perylene	26.61	276	1350774	13.268	ng/ul	98

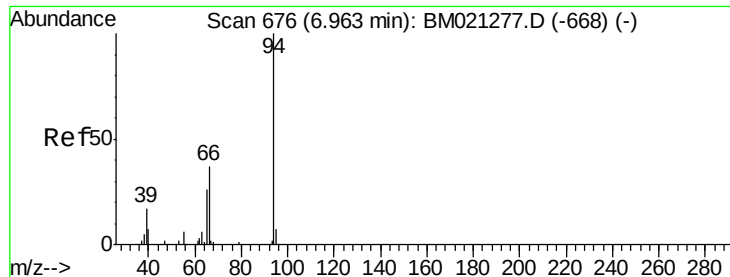
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.275 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5

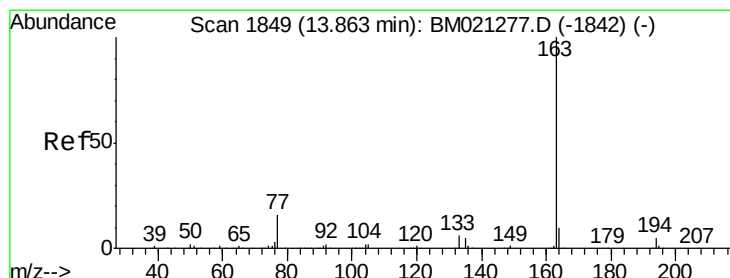
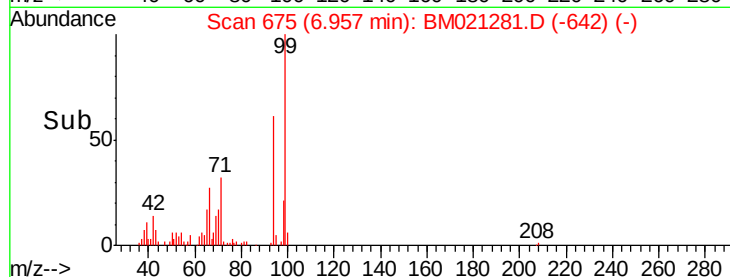
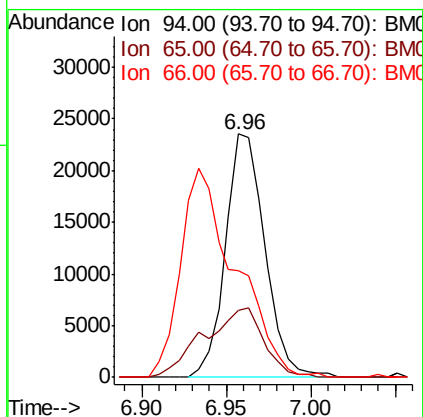
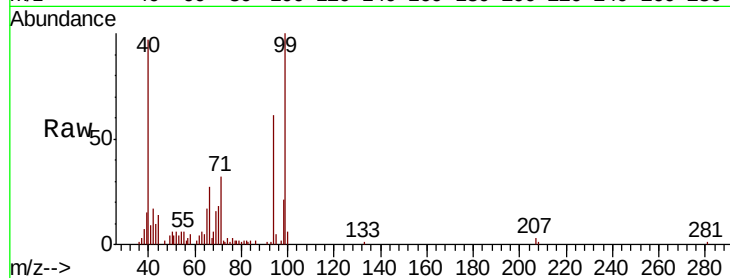
Tgt Ion: 94 Resp: 38318

Ion Ratio Lower Upper

94 100

65 27.6 22.6 34.0

66 44.0 31.2 46.8



#44

Dimethylphthalate

Concen: 5.011 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

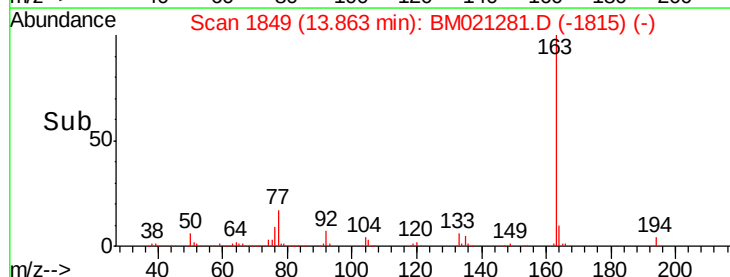
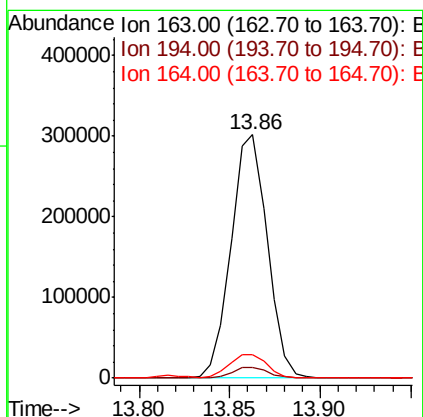
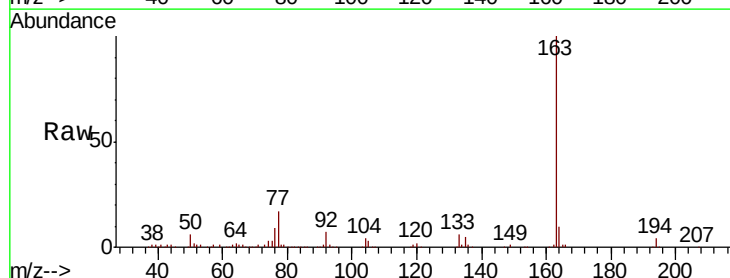
Tgt Ion: 163 Resp: 419599

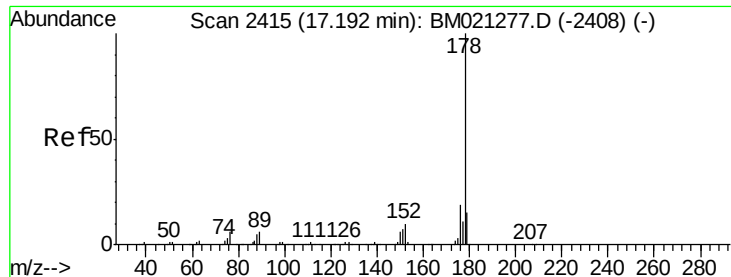
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.9 7.7 11.5





#69

Phenanthrene

Concen: 12.956 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5

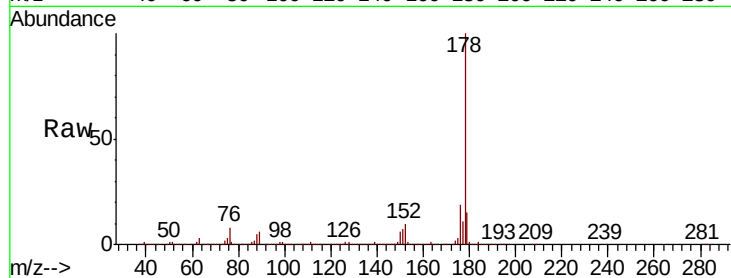
Tgt Ion:178 Resp: 1487835

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

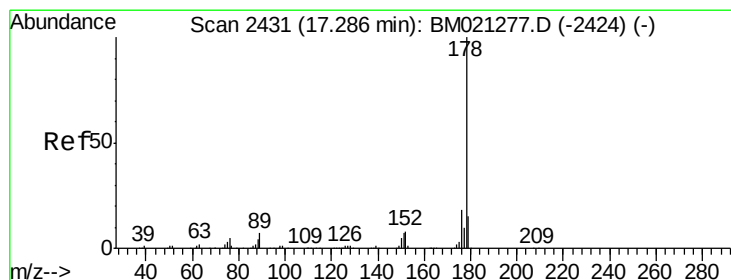
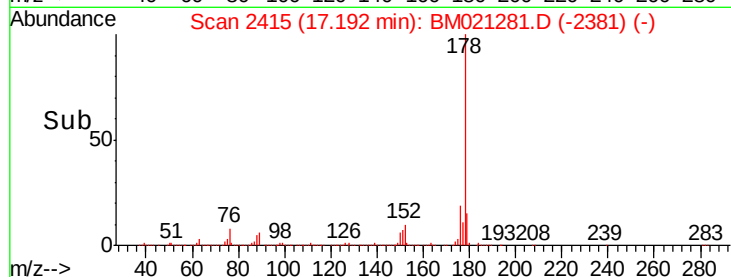
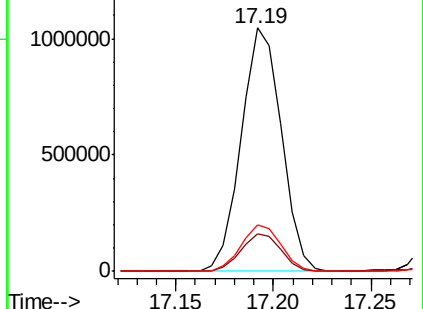
176 19.0 15.0 22.6



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: 1.636 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

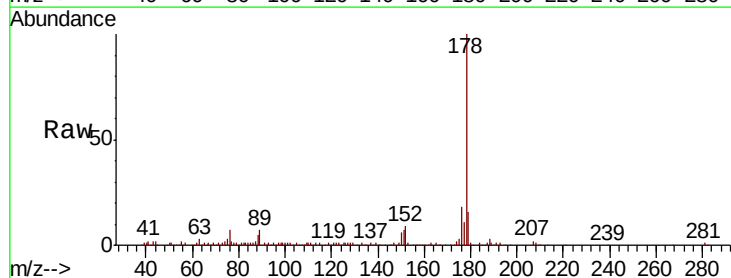
Tgt Ion:178 Resp: 191506

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

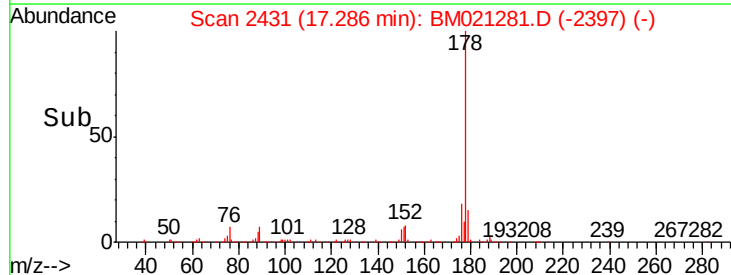
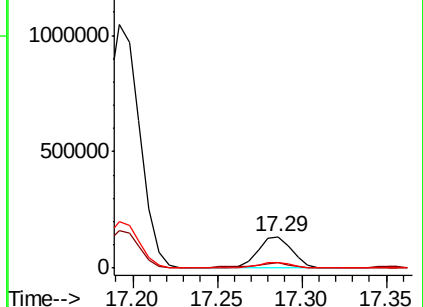
176 18.2 14.6 21.8

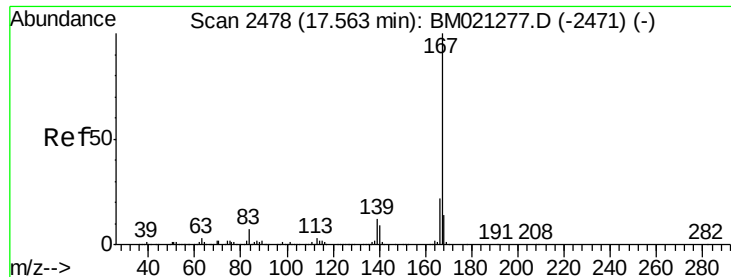


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 2.153 ng/ul

RT: 17.56 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5

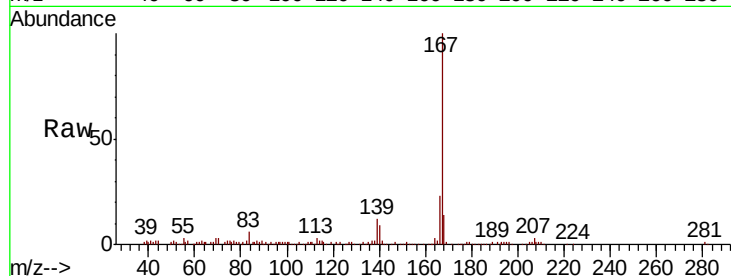
Tgt Ion:167 Resp: 207665

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.2

139 11.9 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.56

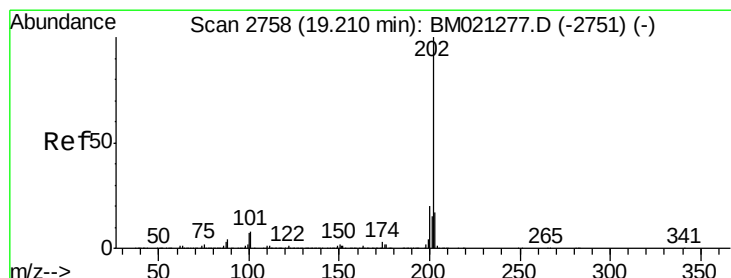
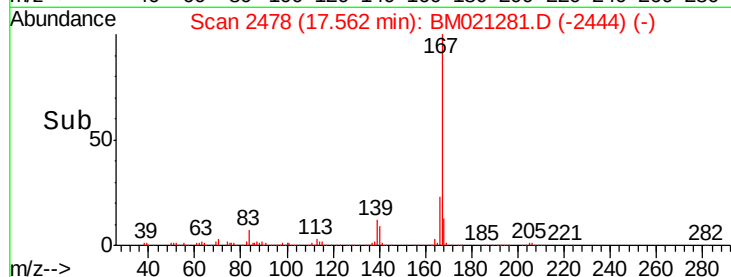
150000

100000

50000

0

Time-->



#76

Fluoranthene

Concen: 33.531 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

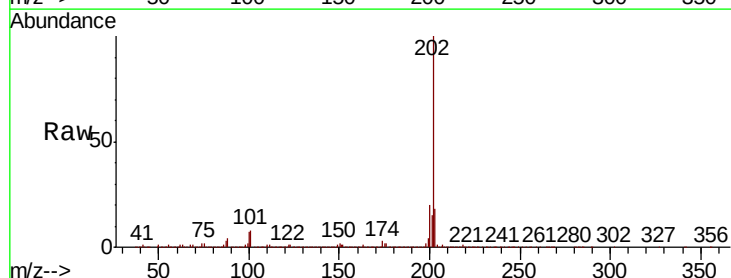
Tgt Ion:202 Resp: 4160624

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

100 6.5 5.5 8.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.21

4000000

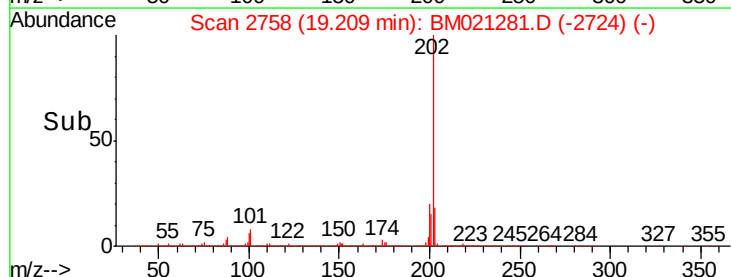
3000000

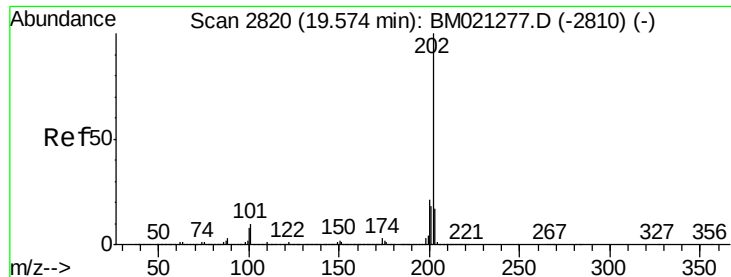
2000000

1000000

0

Time-->





#79

Pyrene

Concen: 31.805 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5

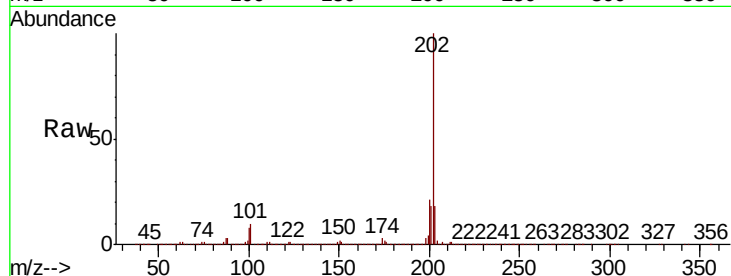
Tgt Ion:202 Resp: 3304712

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

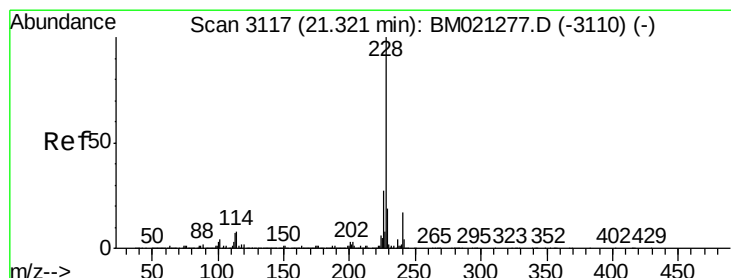
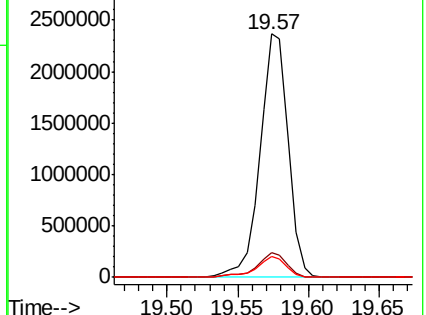
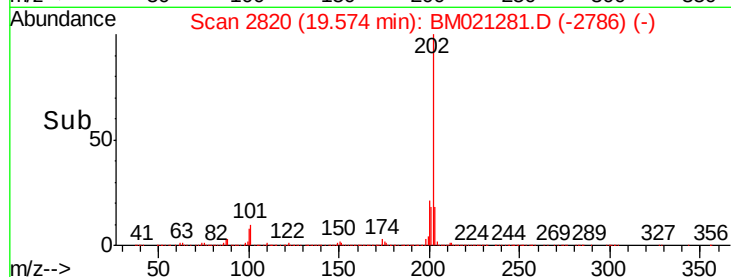
100 8.5 6.6 10.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 15.656 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

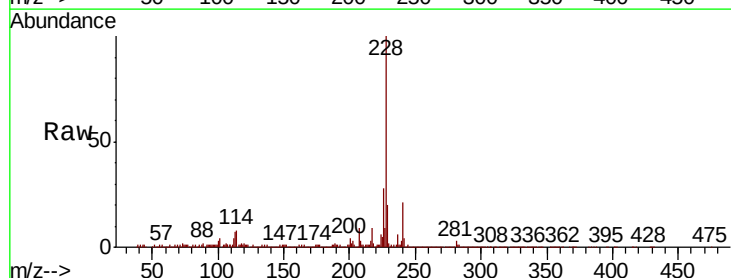
Tgt Ion:228 Resp: 1568789

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.8

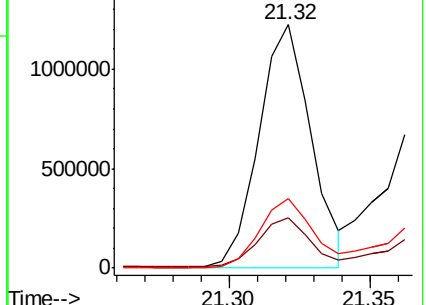
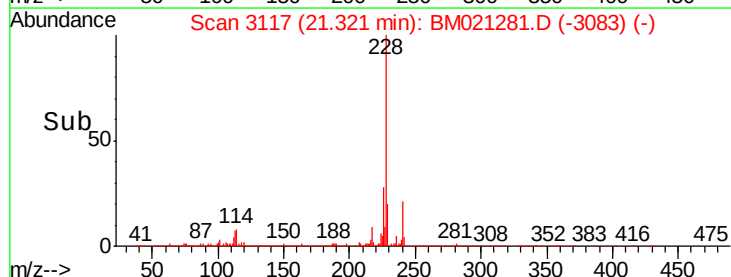
226 28.5 21.4 32.2

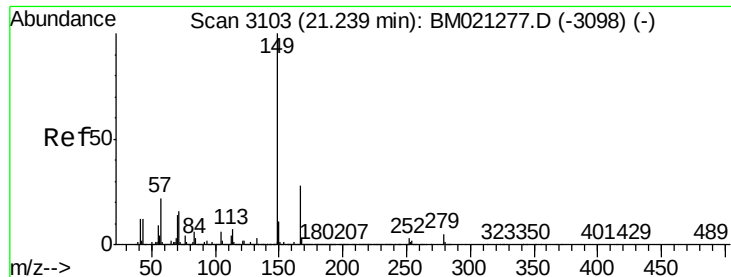


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.395 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

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ClientSampleId :

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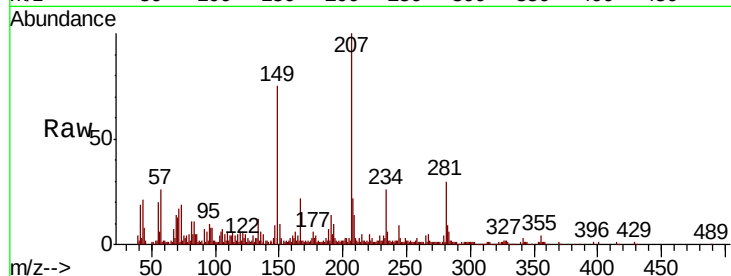
Tgt Ion:149 Resp: 76411

Ion Ratio Lower Upper

149 100

167 29.4 22.3 33.5

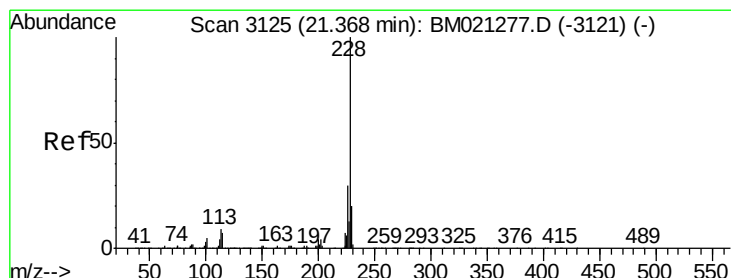
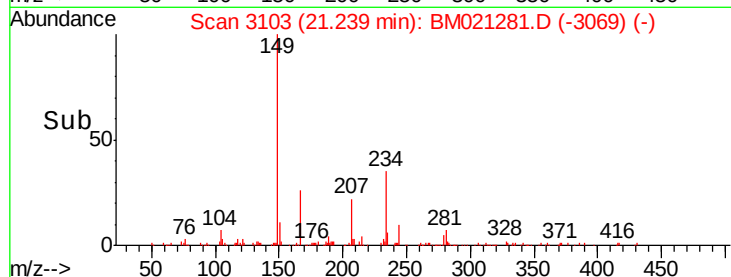
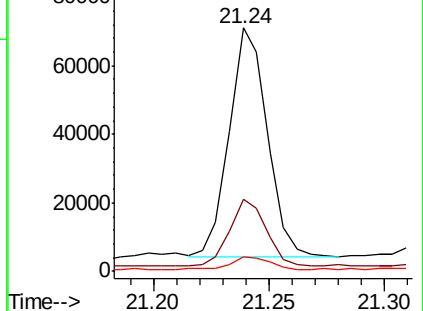
279 5.8 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 20.257 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

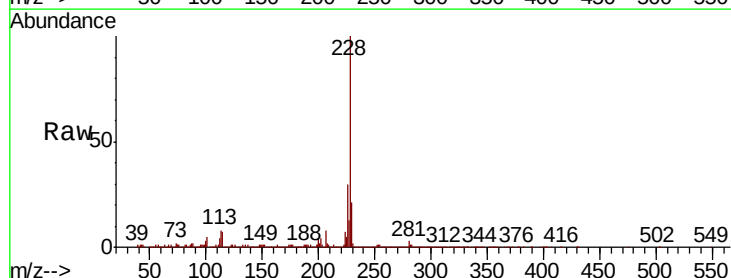
Tgt Ion:228 Resp: 1901030

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

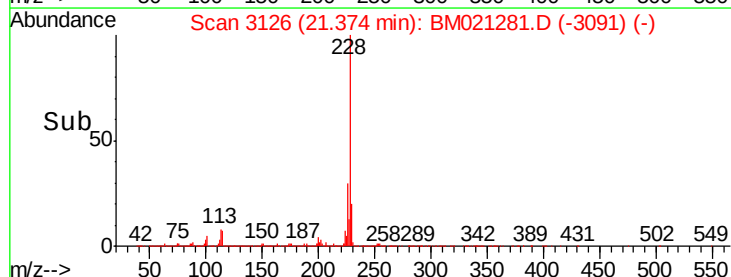
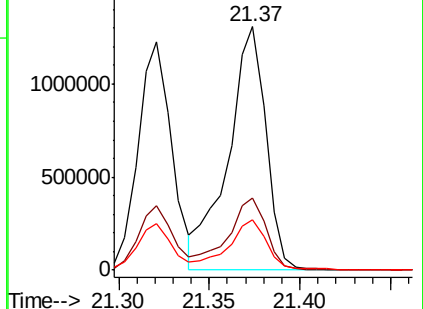
229 20.5 15.4 23.2

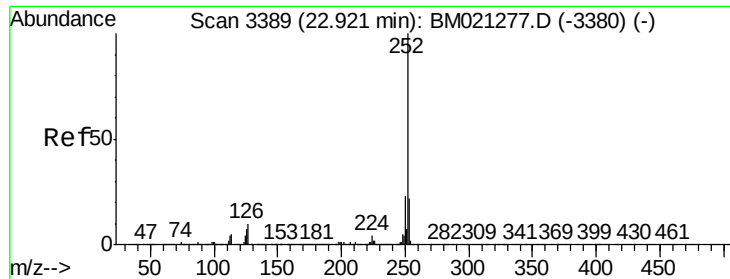


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 26.365 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

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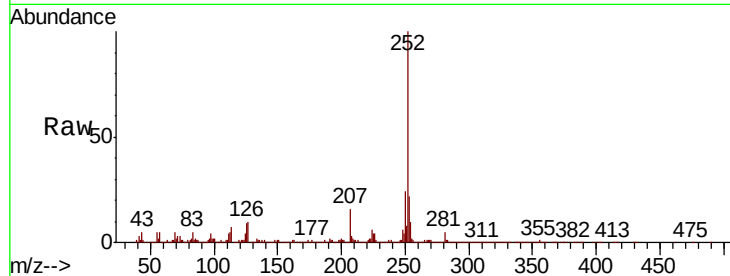
Tgt Ion:252 Resp: 2940375

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

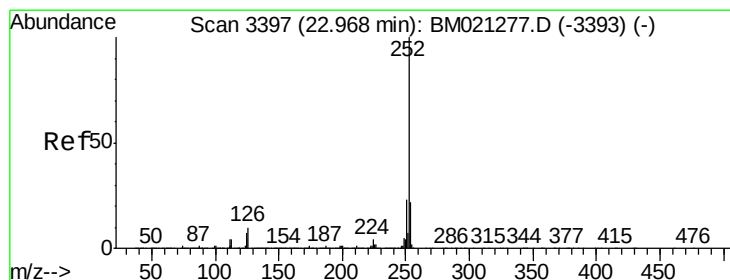
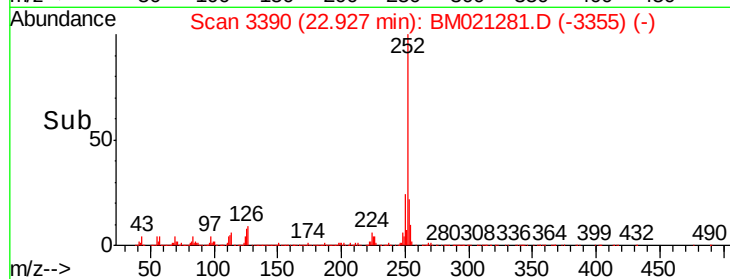
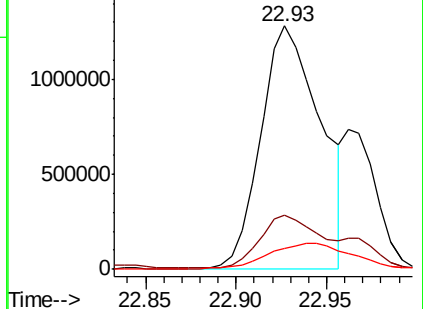
125 8.5 6.3 9.5



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: 27.405 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.04 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

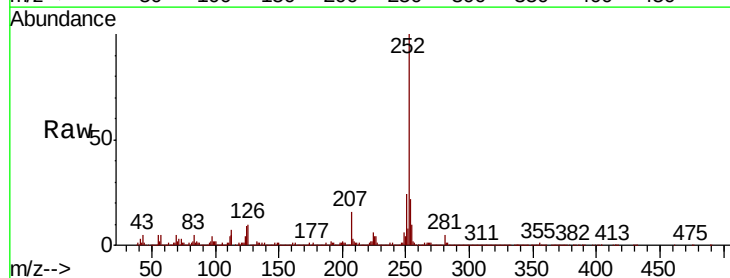
Tgt Ion:252 Resp: 2940375

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

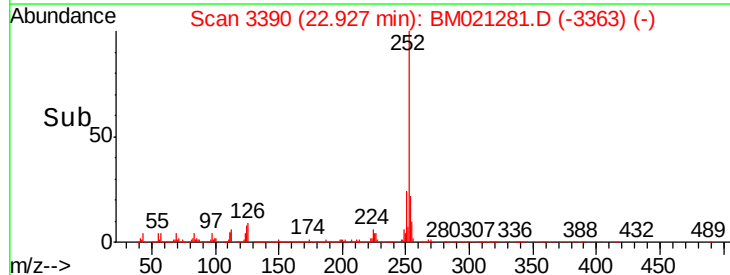
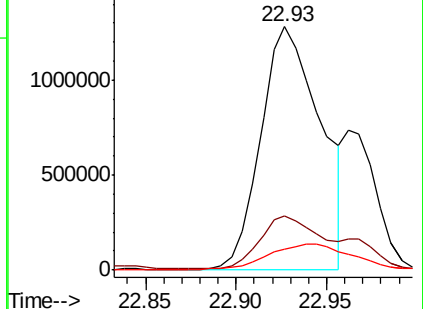
125 8.5 6.6 9.8

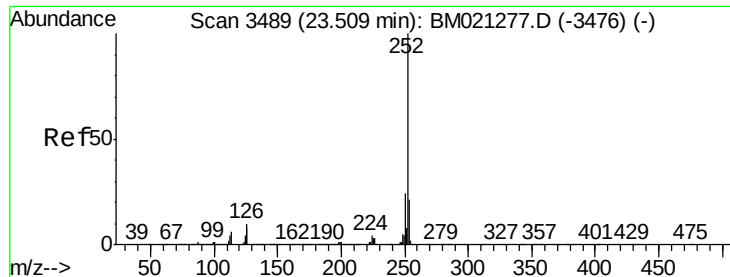


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 16.370 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5

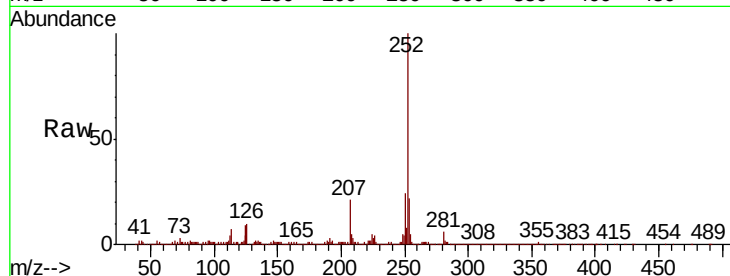
Tgt Ion:252 Resp: 1718423

Ion Ratio Lower Upper

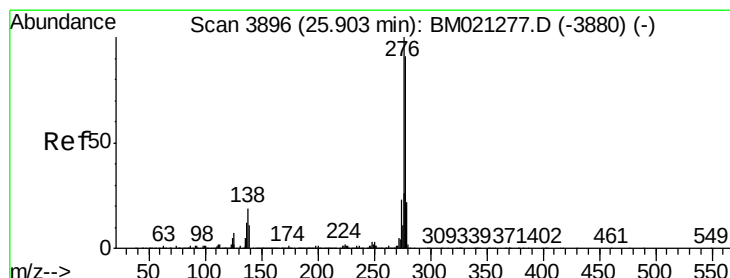
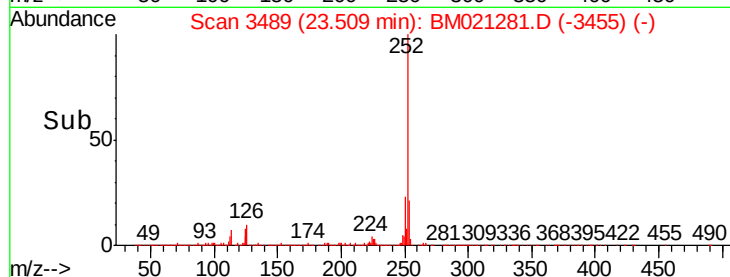
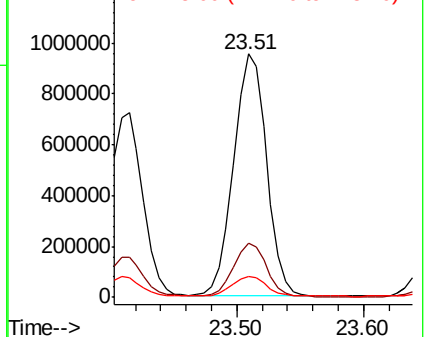
252 100

253 22.1 17.8 26.8

125 8.6 7.2 10.8



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 12.137 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM021281.D

Acq: 30 Jun 2019 02:42

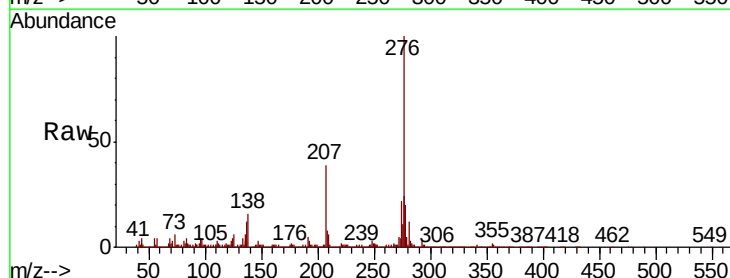
Tgt Ion:276 Resp: 1500290

Ion Ratio Lower Upper

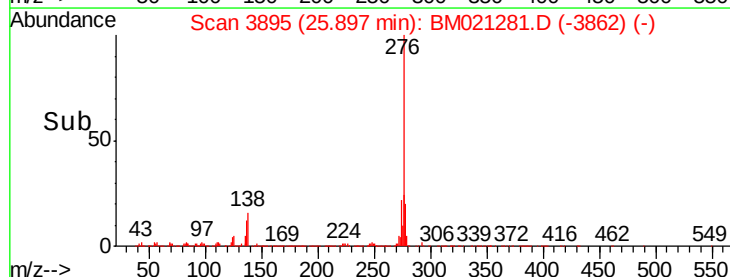
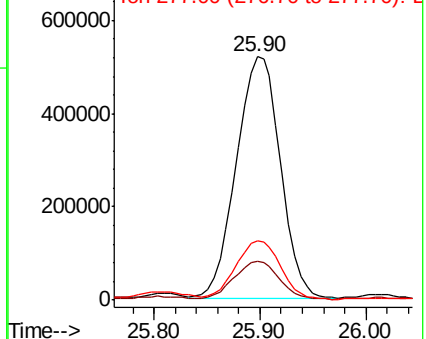
276 100

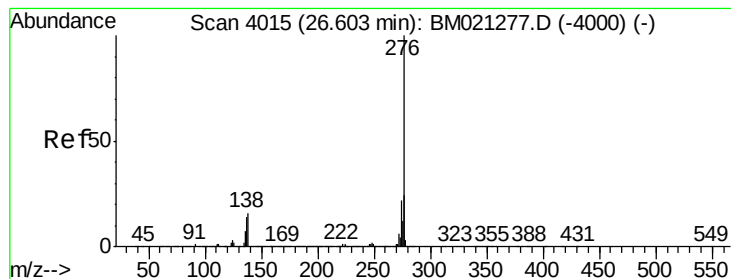
138 16.2 15.9 23.9

277 24.5 20.4 30.6



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





#93

Benzo(g,h,i)perylene

Concen: 13.268 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. 0.01 min

Lab File: BM021281.D

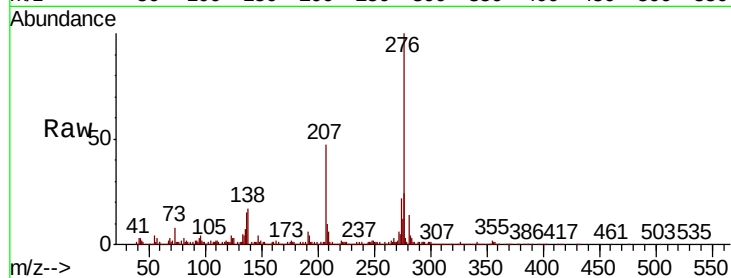
Acq: 30 Jun 2019 02:42

Instrument :

BNA_M

ClientSampleId :

C5BA5



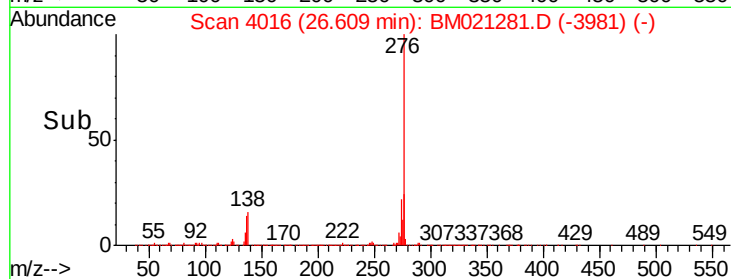
Tgt Ion:276 Resp: 1350774

Ion Ratio Lower Upper

276 100

138 16.7 14.6 21.8

277 23.9 18.9 28.3



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

