

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021657.D
 Acq On : 26 Jul 2019 04:20
 Operator : HP/JU
 Sample : K3893-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 05:46:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	149169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	701319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	511473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1212752	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1405504	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1393899	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	8649	3.16	ng/uL	0.00
5) Phenol-d5	6.87	99	205368	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	133391	18.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	178667	18.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	163383	15.12	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	100686	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	113260	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	221501	17.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	219067	18.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	812928	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	920023	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	57925	7.71	ng/ul	0.01
57) Fluorene-d10	15.34	176	742229	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	55680	7.33	ng/ul	0.00
70) Anthracene-d10	17.19	188	1249642	20.94	ng/ul	0.00
78) Pyrene-d10	19.49	212	1557295	22.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1590079	21.37	ng/ul	-0.01

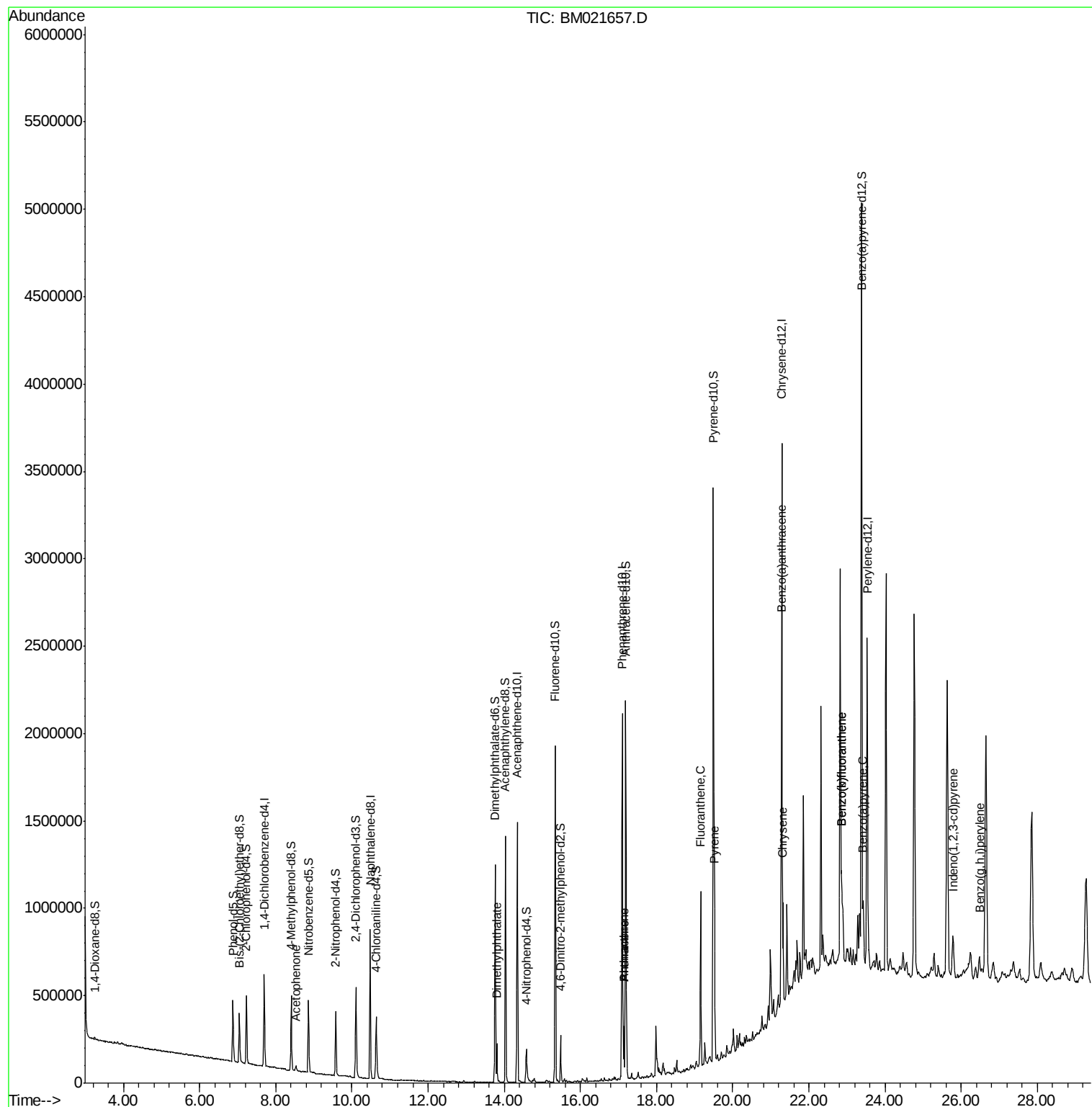
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Acetophenone	8.53	105	16262	1.003	ng/ul	95
44) Dimethylphthalate	13.80	163	146366	3.479	ng/ul	99
69) Phenanthrene	17.13	178	164960	2.493	ng/ul	98
71) Anthracene	17.13	178	165006	2.466	ng/ul	98
76) Fluoranthene	19.16	202	571484	6.967	ng/ul	99
79) Pyrene	19.52	202	499801	5.970	ng/ul	99
82) Benzo(a)anthracene	21.27	228	263214	2.857	ng/ul	98
84) Chrysene	21.32	228	331514	3.773	ng/ul	98
87) Benzo(b)fluoranthene	22.86	252	476762	5.657	ng/ul#	97
88) Benzo(k)fluoranthene	22.86	252	476762	5.767	ng/ul	98
90) Benzo(a)pyrene	23.43	252	261533	3.232	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.78	276	184964	1.882	ng/ul	99
93) Benzo(g,h,i)perylene	26.47	276	160133	2.012	ng/ul	99

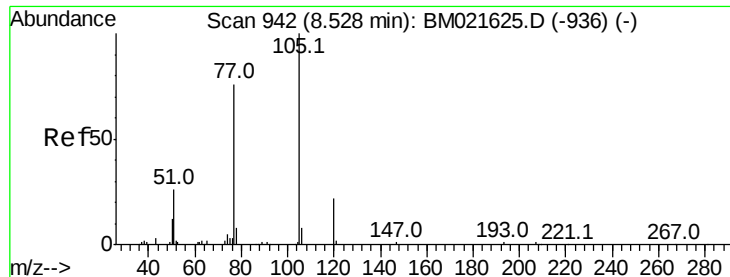
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.003 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

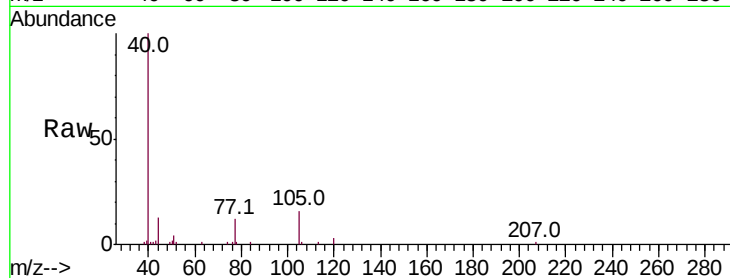
Tot Ion:105 Resp: 16262

Ion Ratio Lower Upper

105 100

77 78.0 66.3 99.5

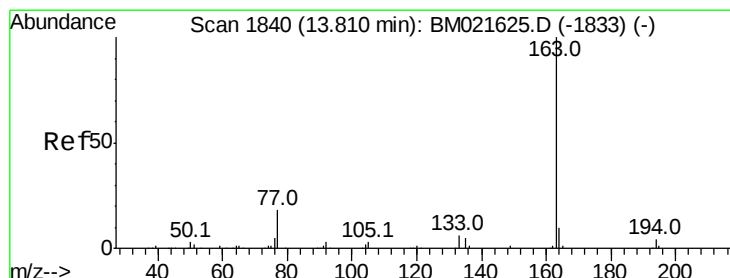
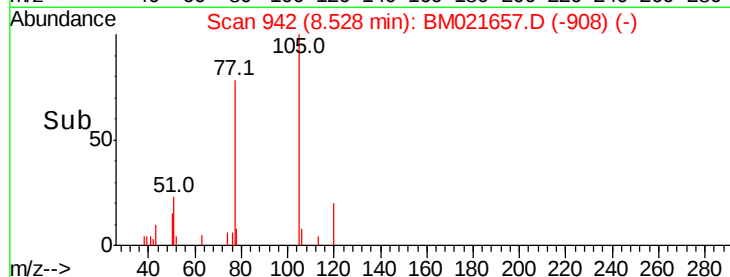
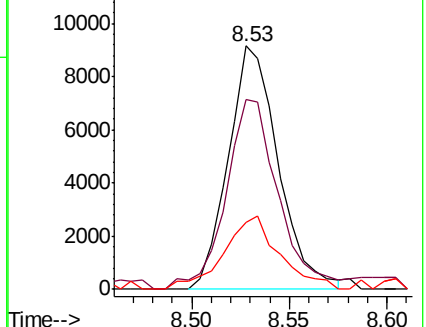
51 27.8 20.2 30.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 3.479 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

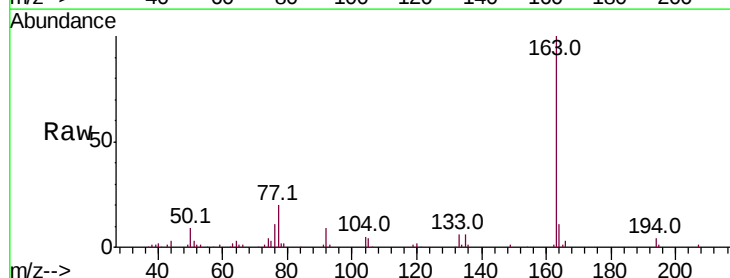
Tgt Ion:163 Resp: 146366

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

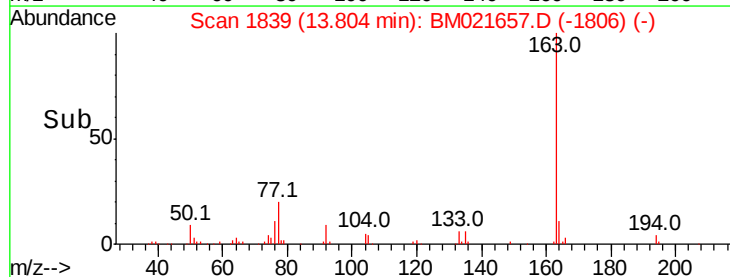
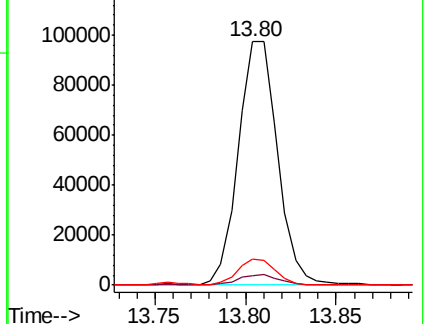
164 10.7 8.2 12.4

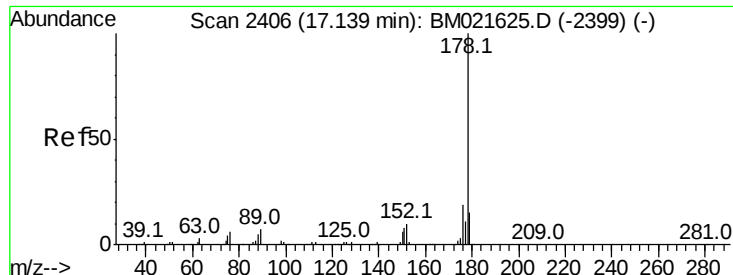


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.493 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

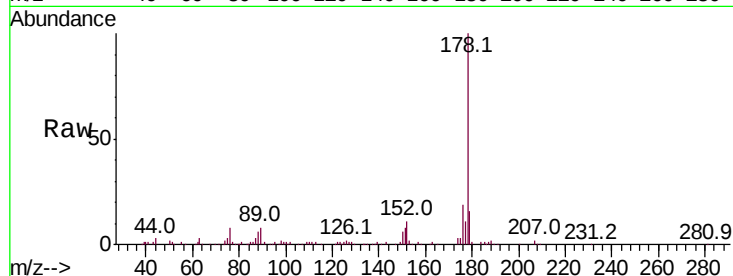
Tot Ion:178 Resp: 164960

Ion Ratio Lower Upper

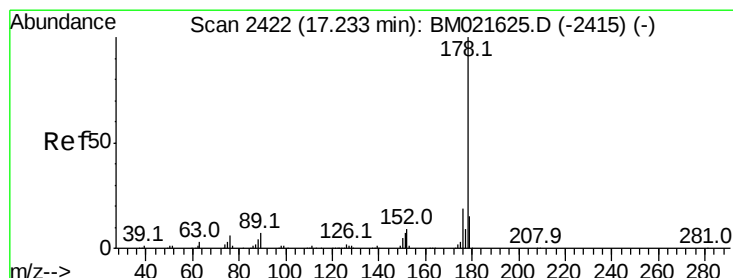
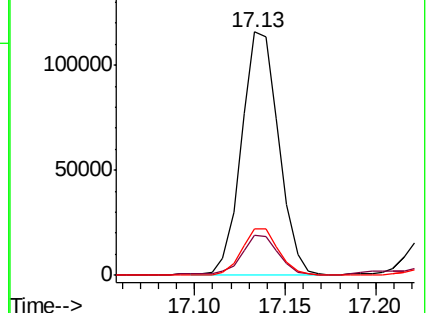
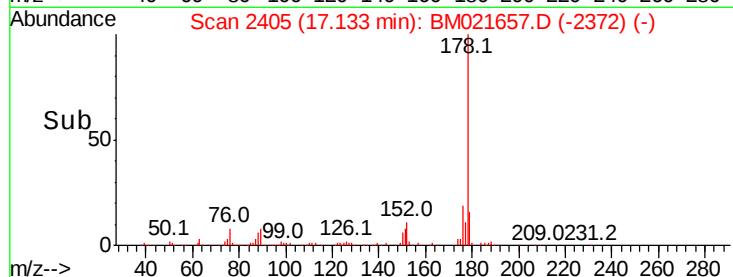
178 100

179 16.4 12.2 18.2

176 18.9 15.0 22.4



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: 2.466 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.10 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

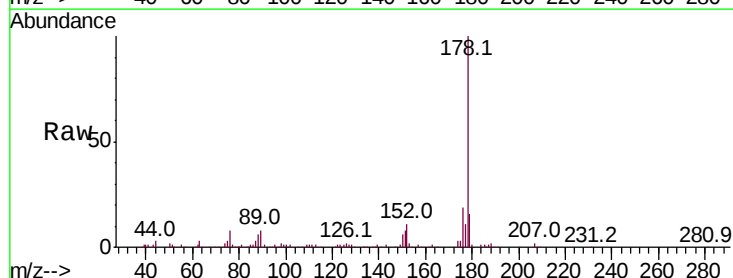
Tgt Ion:178 Resp: 165006

Ion Ratio Lower Upper

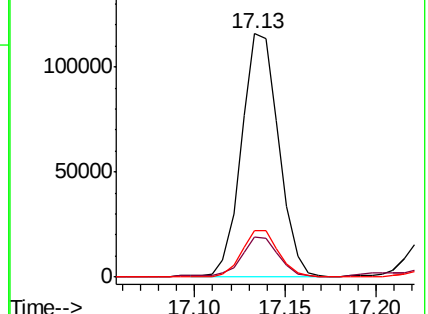
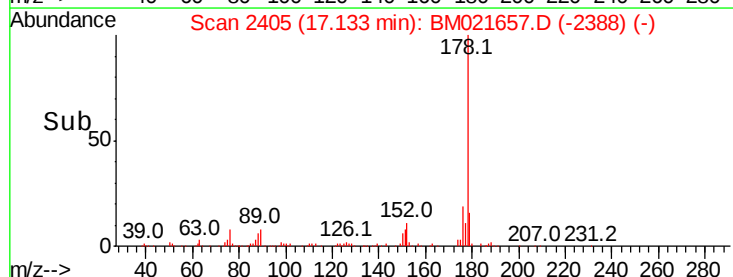
178 100

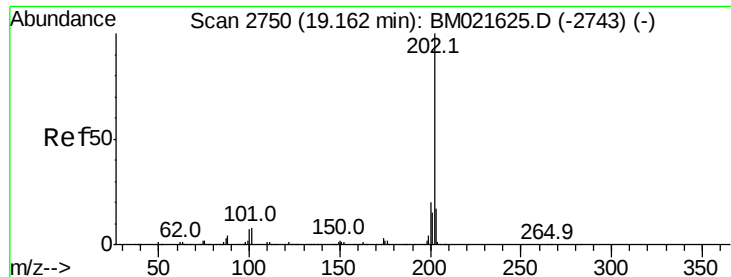
179 16.4 12.4 18.6

176 18.9 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

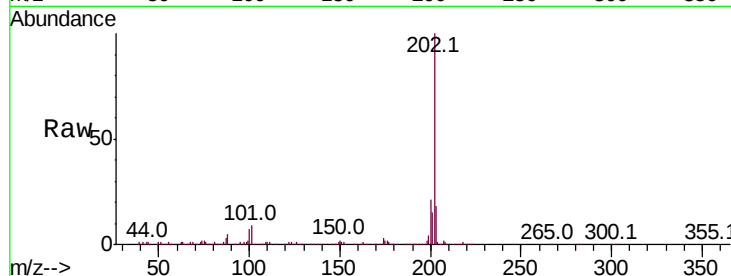




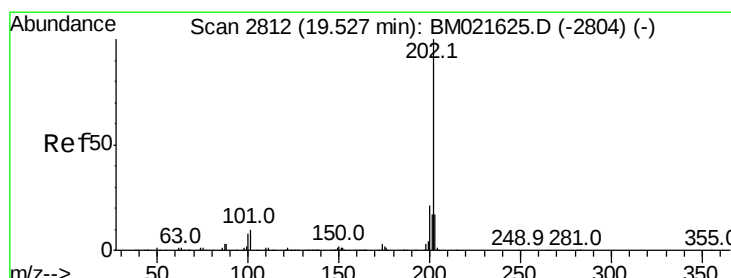
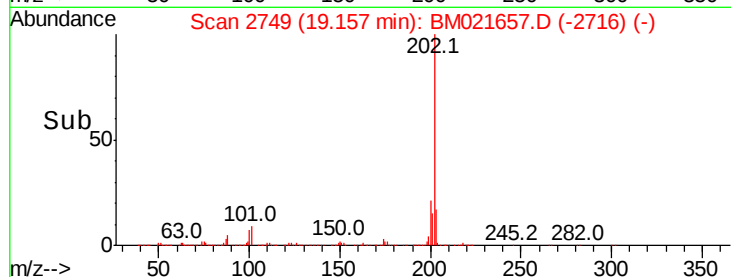
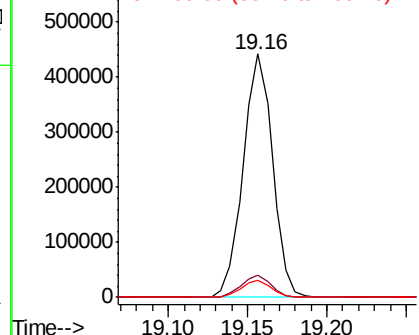
#76
 Fluoranthene
 Concen: 6.967 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021657.D
 Acq: 26 Jul 2019 04:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.2	10.8
100	6.8	5.6	8.4

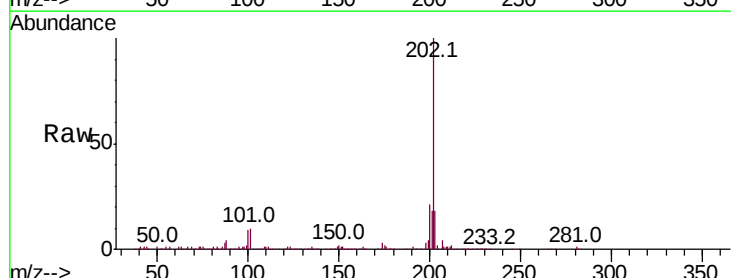


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

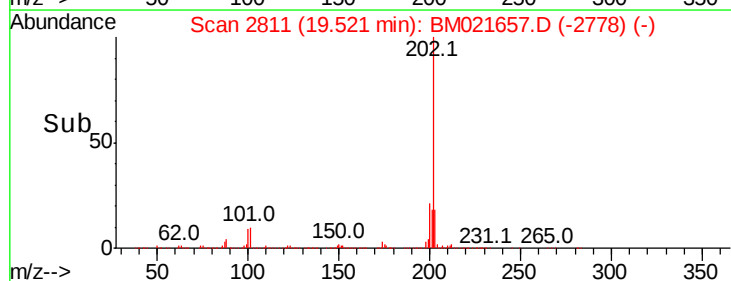
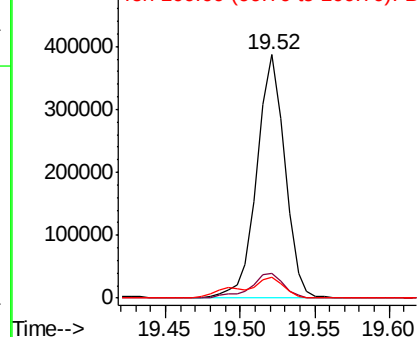


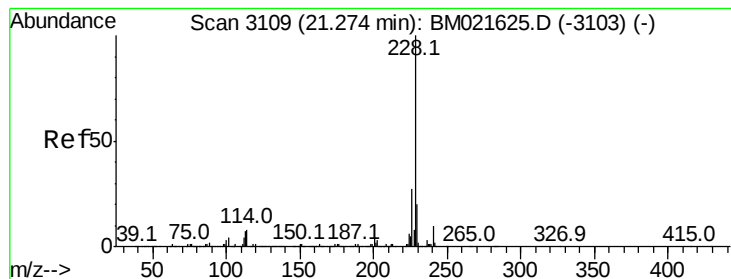
#79
 Pyrene
 Concen: 5.970 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021657.D
 Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	13.0
100	8.7	7.1	10.7



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: 2.857 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

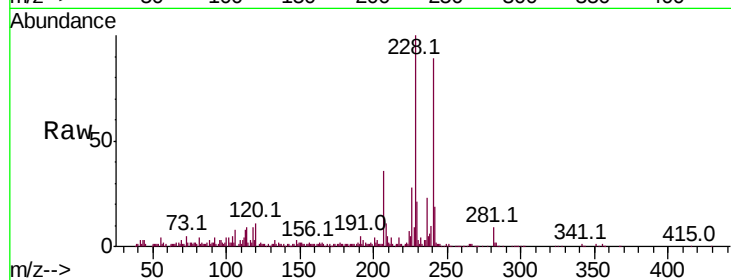
Tot Ion:228 Resp: 263214

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	27.9	21.7	32.5

228 100

229 20.8 15.8 23.6

226 27.9 21.7 32.5

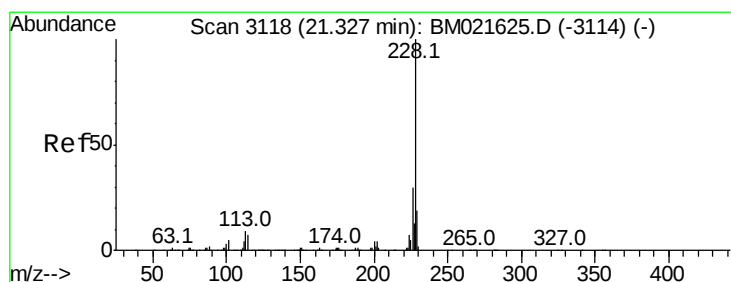
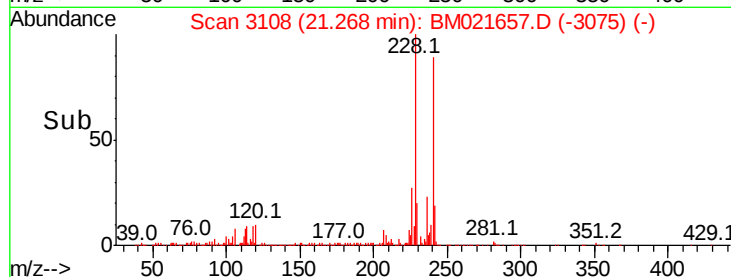
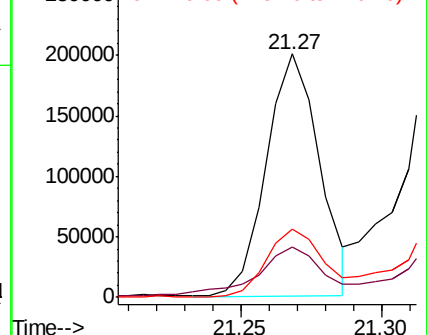


Abundance

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



#84

Chrysene

Concen: 3.773 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

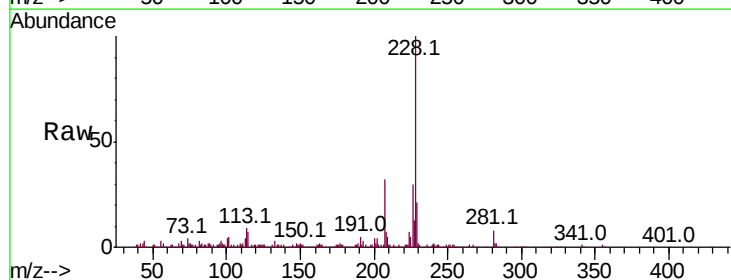
Tgt Ion:228 Resp: 331514

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	21.1	15.4	23.2

228 100

226 30.1 24.2 36.2

229 21.1 15.4 23.2

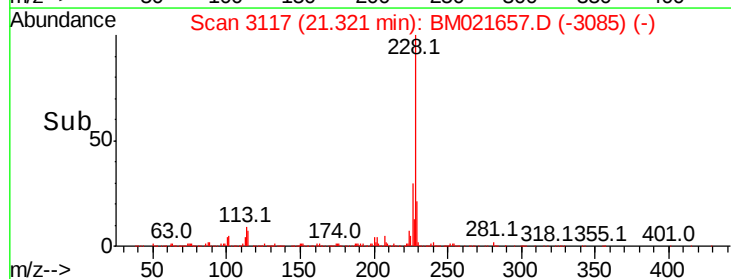
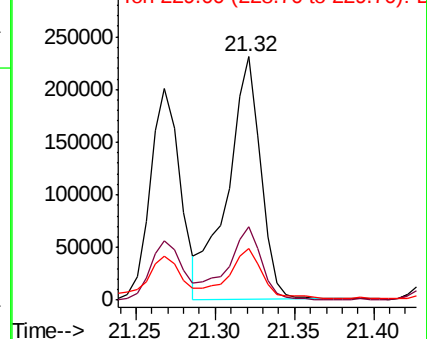


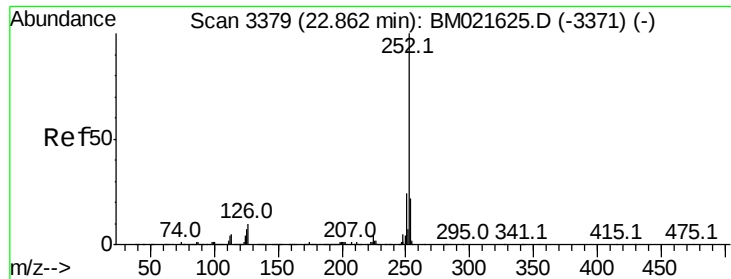
Abundance

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: 5.657 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

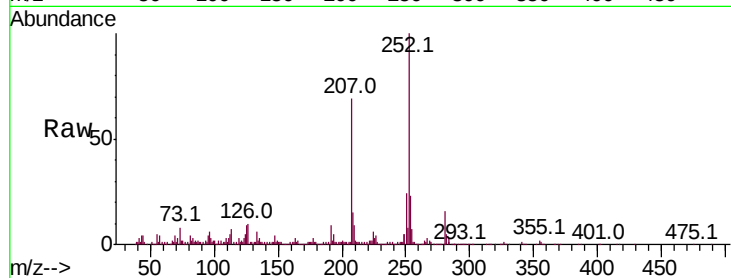
Tot Ion:252 Resp: 476762

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

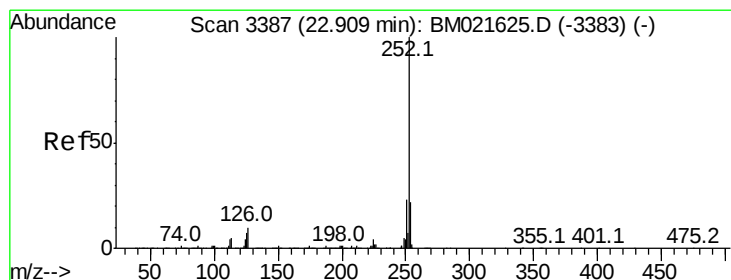
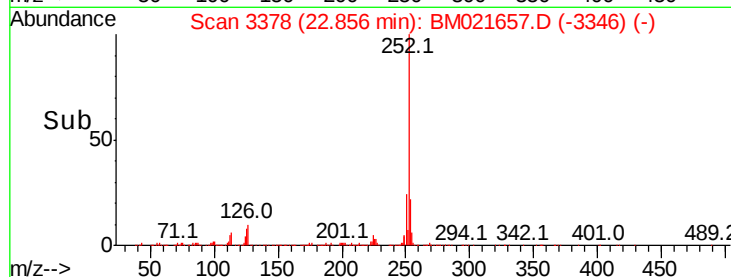
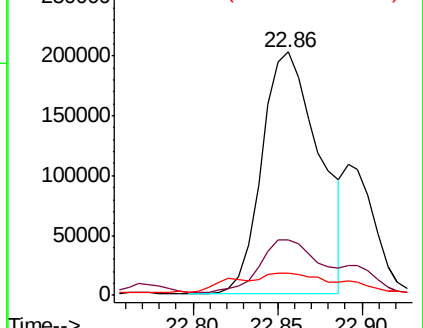
125 9.3 5.8 8.6#



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: 5.767 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

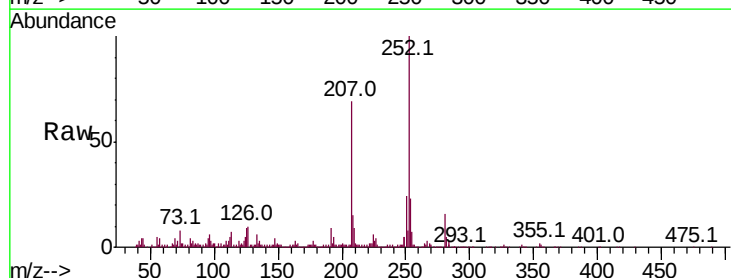
Tgt Ion:252 Resp: 476762

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

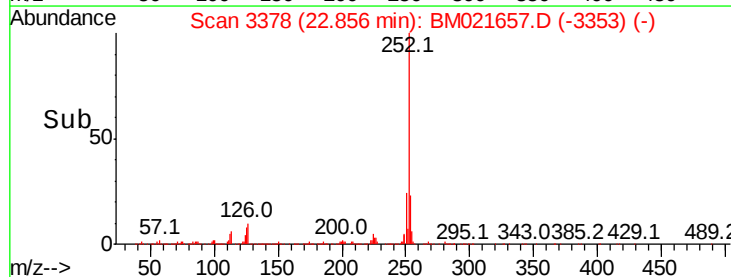
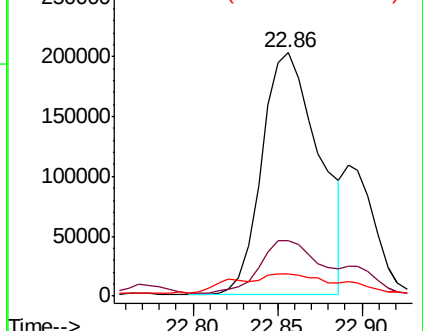
125 9.3 6.4 9.6

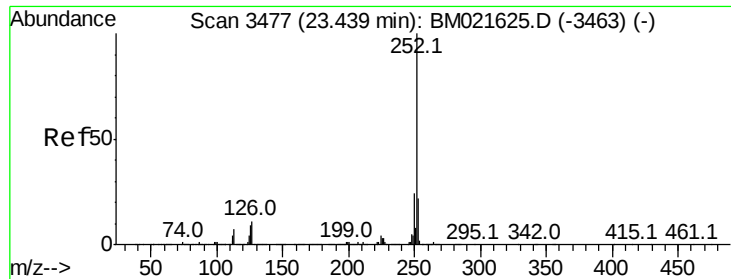


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.232 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. -0.02 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

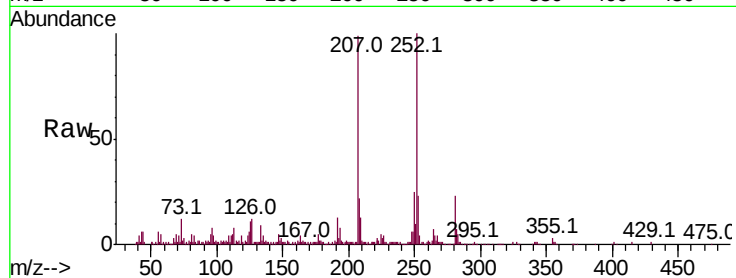
Tot Ion:252 Resp: 261533

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

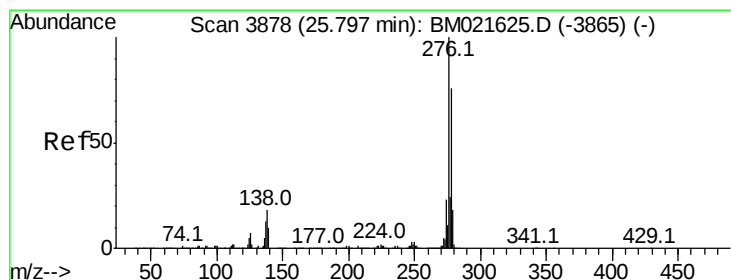
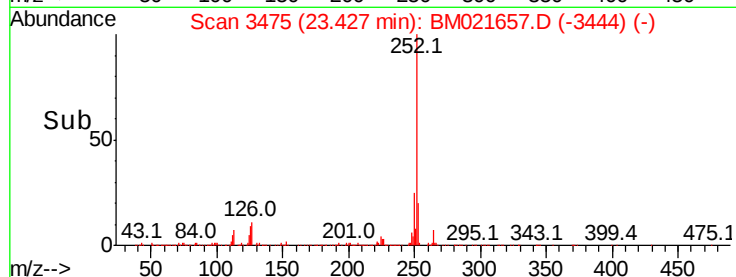
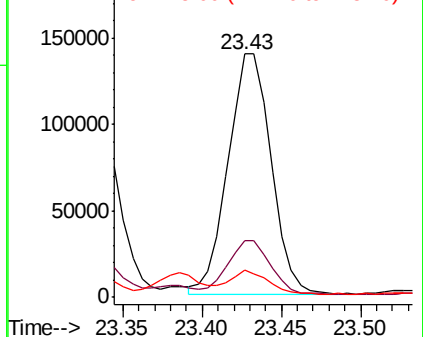
125 11.0 7.0 10.4#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.882 ng/ul

RT: 25.78 min Scan# 3875

Delta R.T. -0.02 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

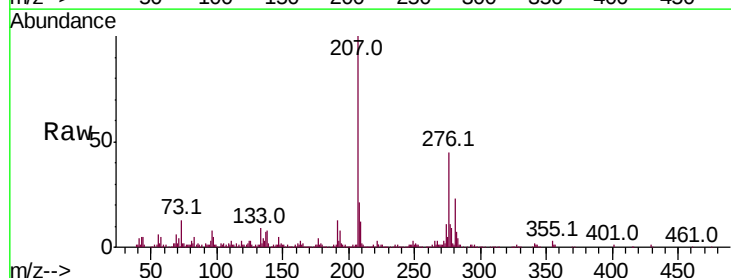
Tgt Ion:276 Resp: 184964

Ion Ratio Lower Upper

276 100

138 18.2 15.2 22.8

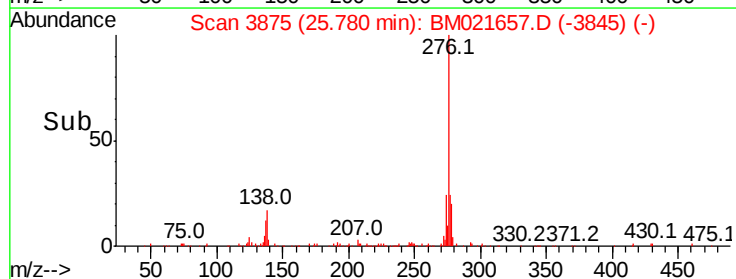
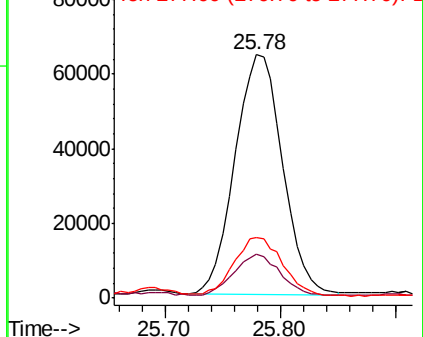
277 25.0 20.2 30.2

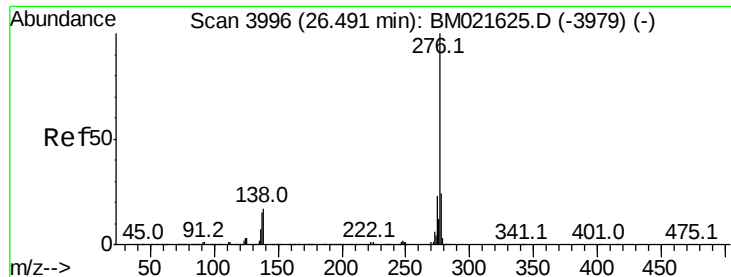


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.012 ng/ul

RT: 26.47 min Scan# 3993

Delta R.T. -0.02 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

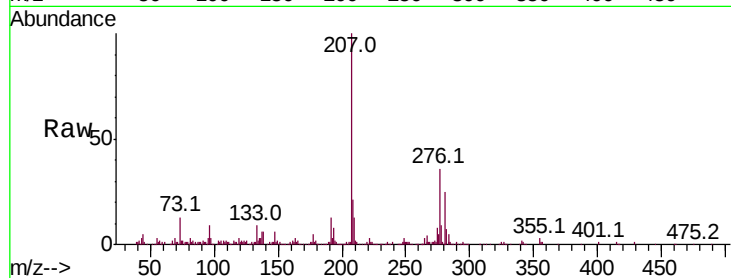
Tot Ion:276 Resp: 160133

Ion Ratio Lower Upper

276 100

138 17.7 13.7 20.5

277 24.6 19.0 28.6



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

