

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016176.D
 Acq On : 03 Aug 2018 12:52
 Operator : SJ/JU
 Sample : J4178-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 04 01:05:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	45231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	195506	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	100093	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	198984	20.00	ng/ul	0.10
77) Chrysene-d12	21.67	240	196332	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	204286	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	3781	3.68	ng/uL	0.00
5) Phenol-d5	7.35	99	61602	14.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	43645	16.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	59928	17.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	49122	13.88	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	27965	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	31247	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	53158	17.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	38144	10.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	175480	19.23	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	203709	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	10634	6.73	ng/ul	0.02
57) Fluorene-d10	15.80	176	139356	18.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	15628	11.77	ng/ul	0.00
70) Anthracene-d10	17.64	188	198984	19.53	ng/ul	0.00
78) Pyrene-d10	19.91	212	212940	23.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	227140	20.22	ng/ul	0.00

Target Compounds

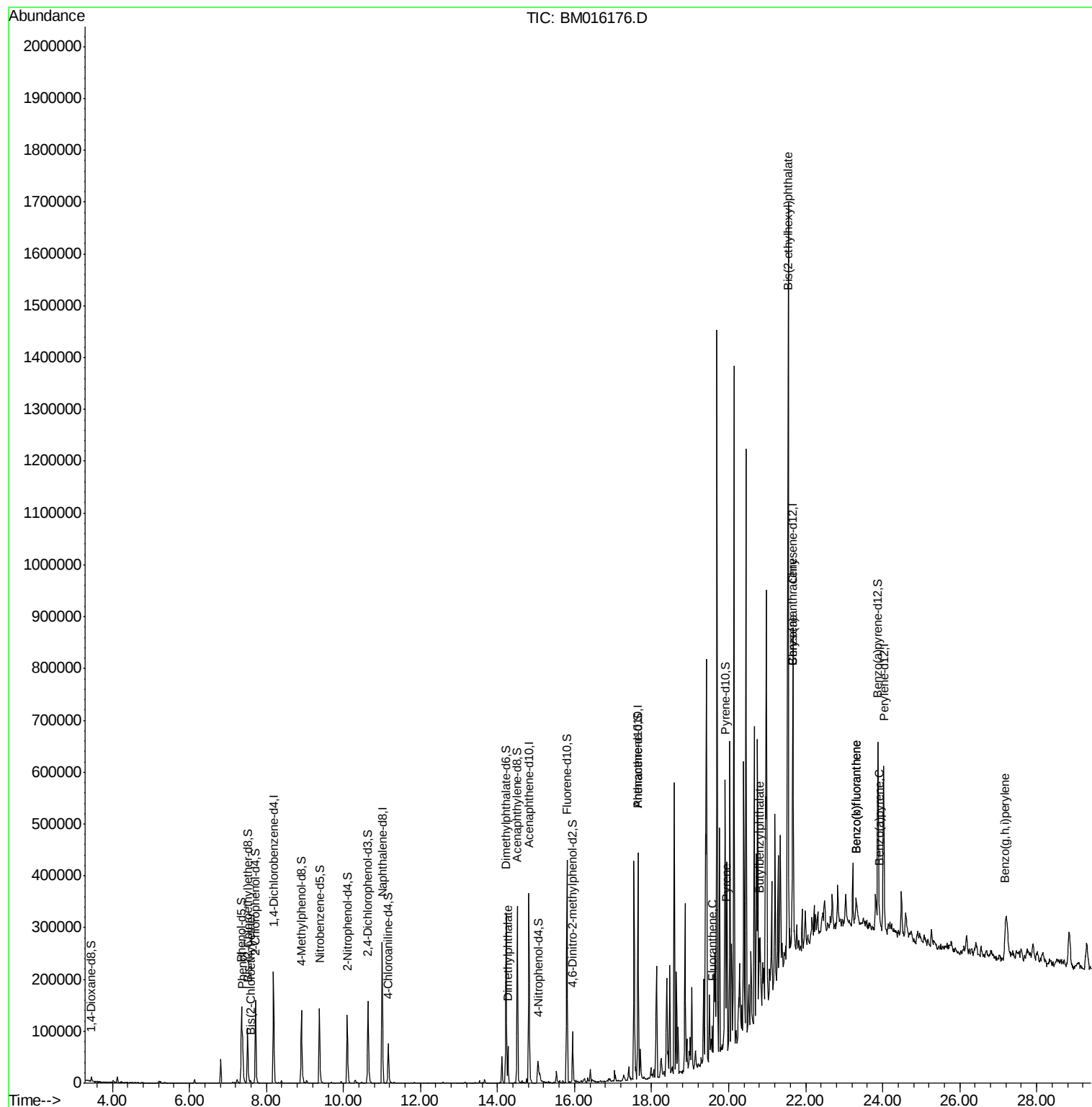
				Ovalue	
6) Phenol	7.38	94	36321	8.751	ng/ul# 65
8) Bis(2-Chloroethyl)ether	7.59	93	3107	1.014	ng/ul# 25
44) Dimethylphthalate	14.27	163	38323	4.242	ng/ul# 95
76) Fluoranthene	19.58	202	30492	2.065	ng/ul 95
79) Pyrene	19.94	202	30539	2.639	ng/ul 94
80) Butylbenzylphthalate	20.79	149	30950	5.558	ng/ul# 77
82) Benzo(a)anthracene	21.66	228	18938	1.492	ng/ul 93
83) Bis(2-ethylhexyl)phthalate	21.54	149	494061	60.507	ng/ul 94
84) Chrysene	21.66	228	18938	1.595	ng/ul 96
87) Benzo(b)fluoranthene	23.31	252	23493	1.793	ng/ul# 85
88) Benzo(k)fluoranthene	23.31	252	23493	1.875	ng/ul# 85
90) Benzo(a)pyrene	23.93	252	15679	1.244	ng/ul# 79
93) Benzo(g,h,i)perylene	27.17	276	17211	1.389	ng/ul 94

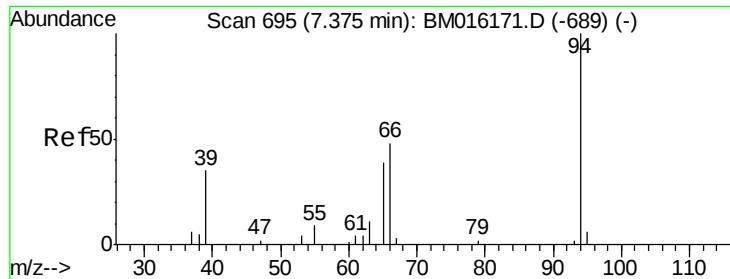
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration





#6

Phenol

Concen: 8.751 ng/ul

RT: 7.38 min Scan# 696

Delta R.T. 0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

Instrument :

BNA_M

ClientSampled :

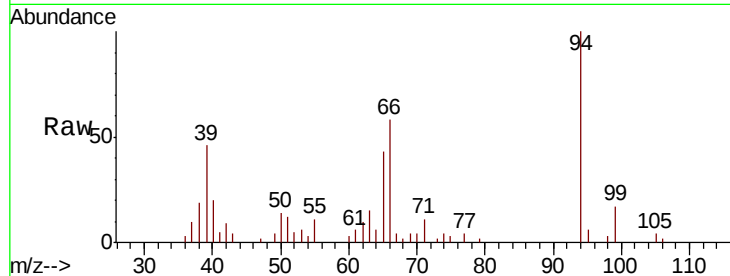
Tot Ion: 94 Resp: 36321

Ion Ratio Lower Upper

94 100

65 43.0 21.0 31.6#

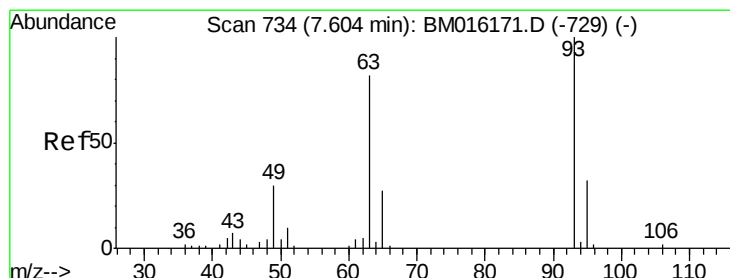
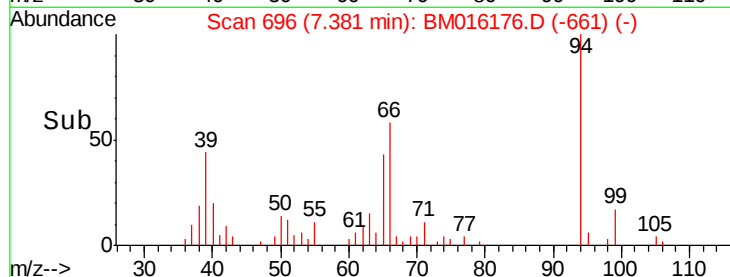
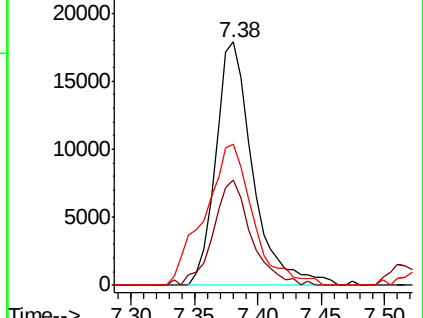
66 58.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM016176.D (-700) (-)

Ion 65.00 (64.70 to 65.70): BM016176.D (-700) (-)

Ion 66.00 (65.70 to 66.70): BM016176.D (-700) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.014 ng/ul

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

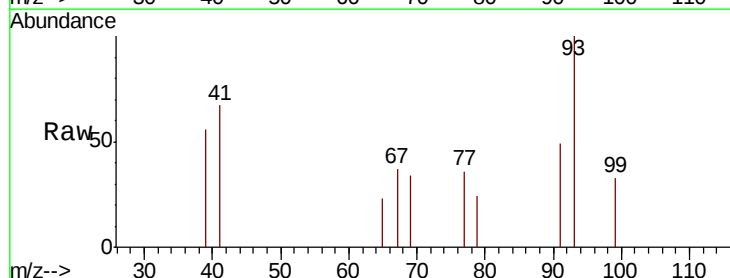
Tgt Ion: 93 Resp: 3107

Ion Ratio Lower Upper

93 100

63 0.0 53.5 80.3#

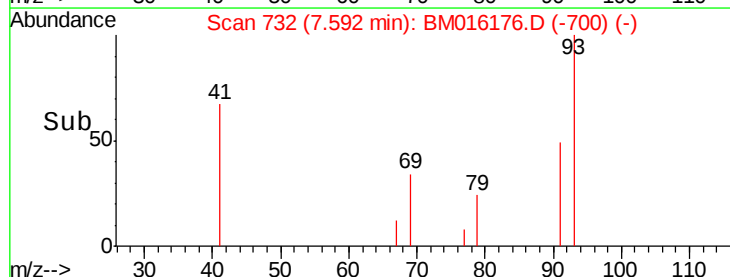
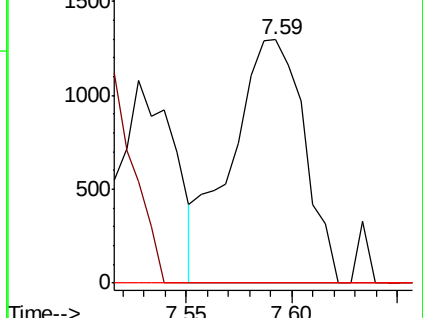
95 0.0 26.2 39.2#

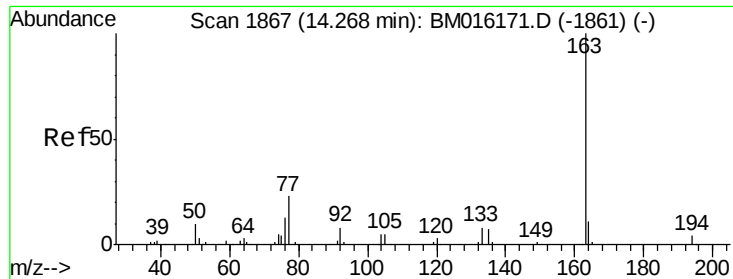


Abundance Ion 93.00 (92.70 to 93.70): BM016176.D (-700) (-)

Ion 63.00 (62.70 to 63.70): BM016176.D (-700) (-)

Ion 95.00 (94.70 to 95.70): BM016176.D (-700) (-)

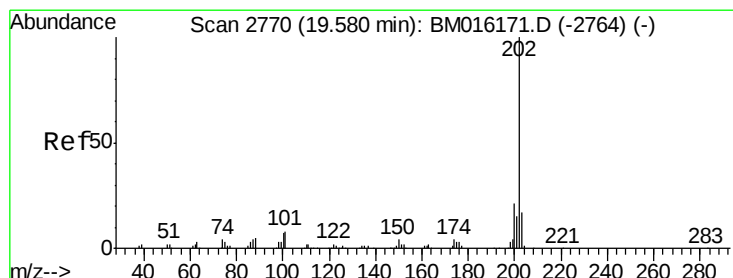
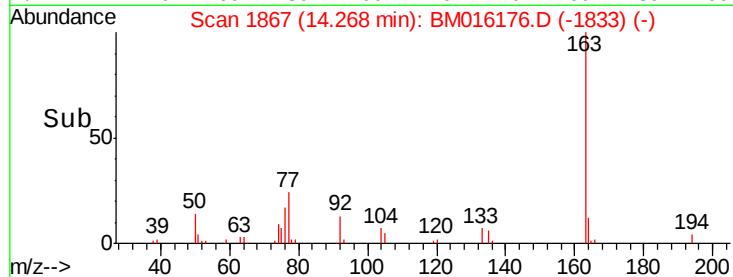
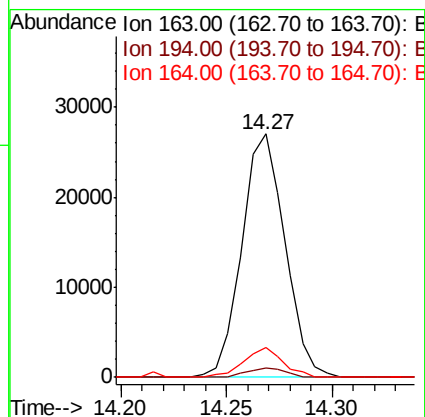
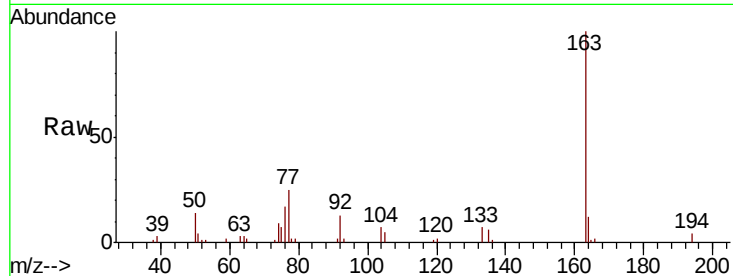




#44
 Dimethylphthalate
 Concen: 4.242 ng/ul
 RT: 14.27 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BM016176.D
 Acq: 03 Aug 2018 12:52

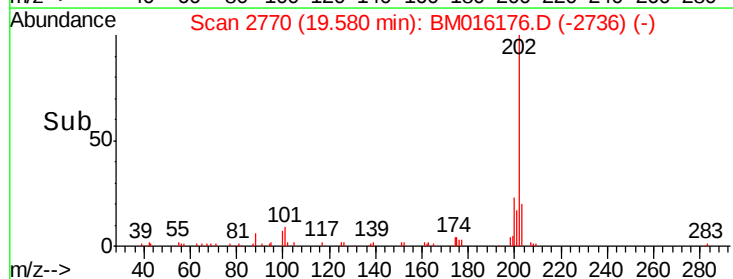
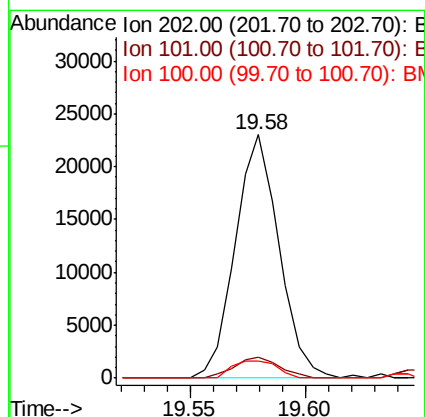
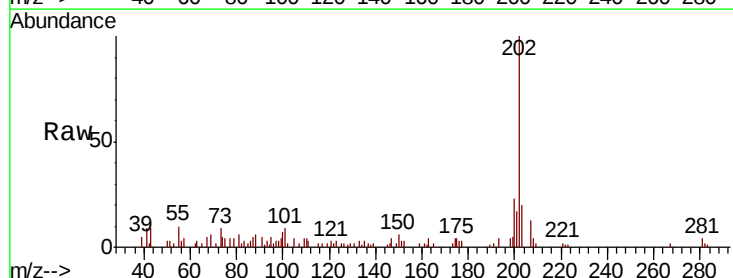
Instrument :
 BNA_M
 ClientSampleId :

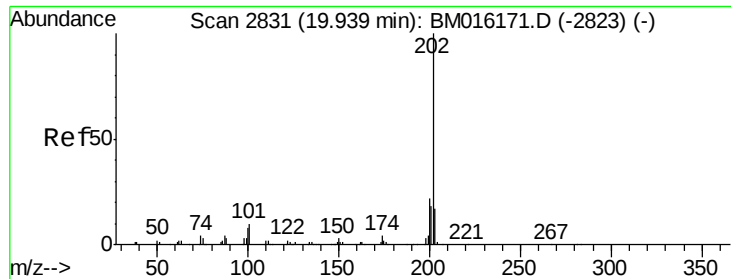
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	12.2	7.8	11.8



#76
 Fluoranthene
 Concen: 2.065 ng/ul
 RT: 19.58 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BM016176.D
 Acq: 03 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.8	13.2
100	7.0	6.6	9.8

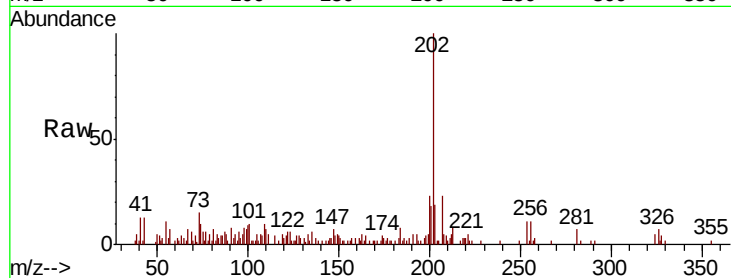




#79
Pvrene
Concen: 2.639 ng/ul
RT: 19.94 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM016176.D
Acq: 03 Aug 2018 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	10.2	15.2
100	8.5	8.5	12.7

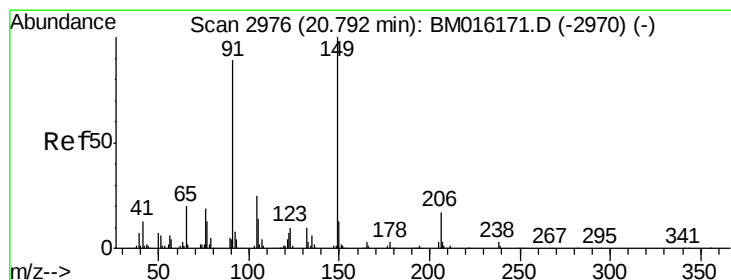
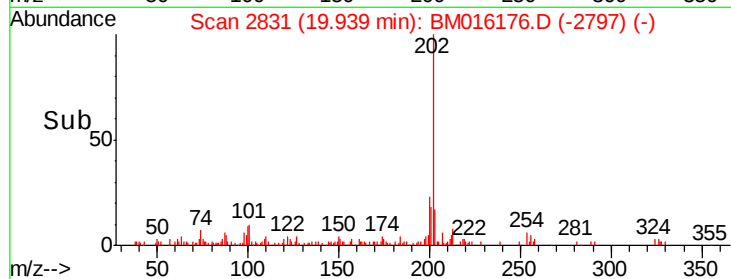
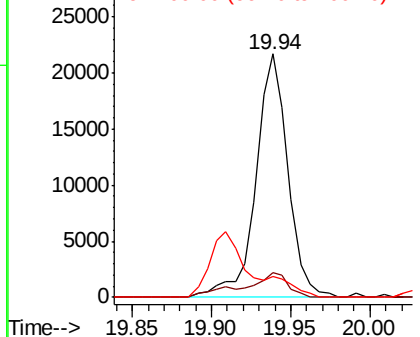


Abundance

Ion 202.00 (201.70 to 202.70): E

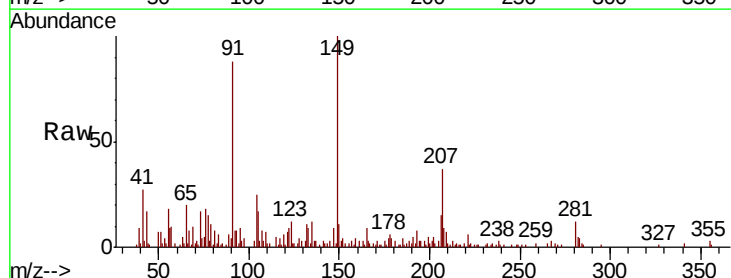
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80
Butylbenzylphthalate
Concen: 5.558 ng/ul
RT: 20.79 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BM016176.D
Acq: 03 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	88.1	53.4	80.2#
206	15.4	16.6	24.8#

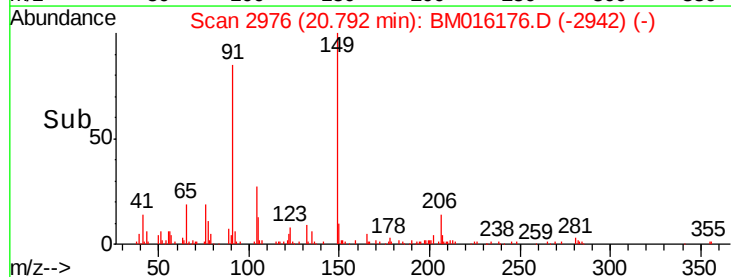
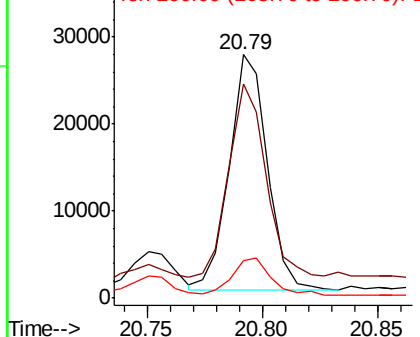


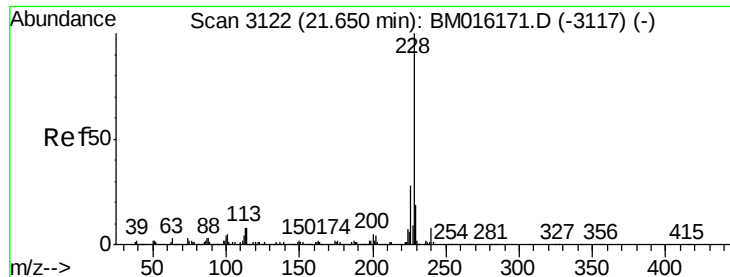
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 1.492 ng/ul

RT: 21.66 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

Instrument :

BNA_M

ClientSampleId :

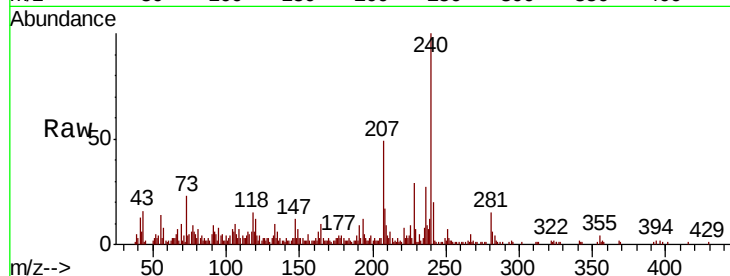
Tot Ion:228 Resp: 18938

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	31.0	21.8	32.6

228 100

229 23.1 15.7 23.5

226 31.0 21.8 32.6

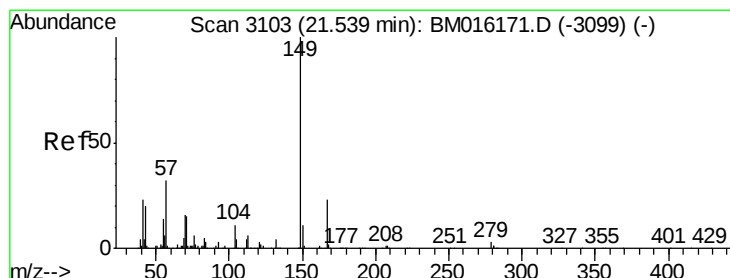
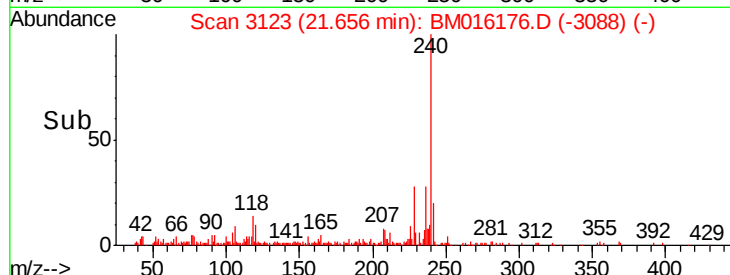
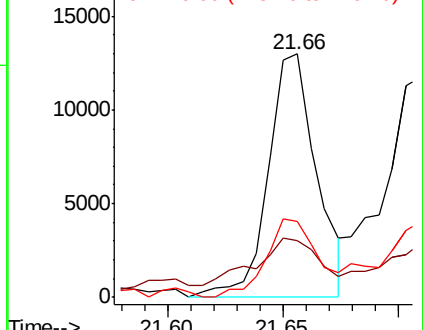


Abundance

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: 60.507 ng/ul

RT: 21.54 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

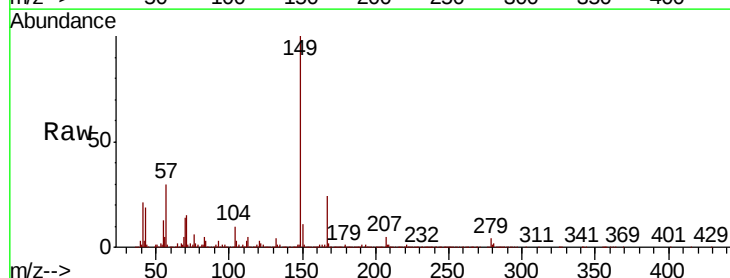
Tgt Ion:149 Resp: 494061

Ion	Ratio	Lower	Upper
149	100		
167	23.5	21.6	32.4
279	3.6	3.0	4.4

149 100

167 23.5 21.6 32.4

279 3.6 3.0 4.4

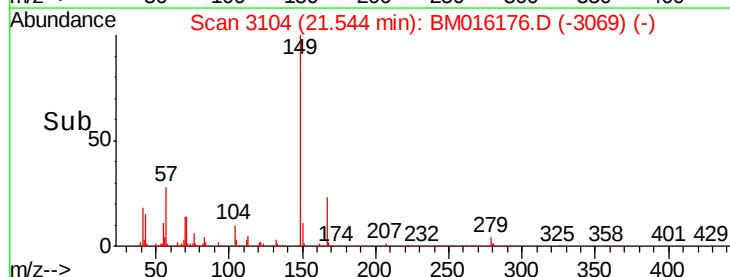
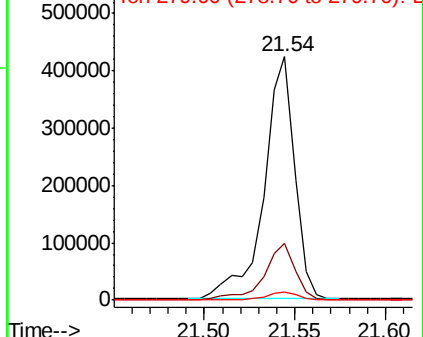


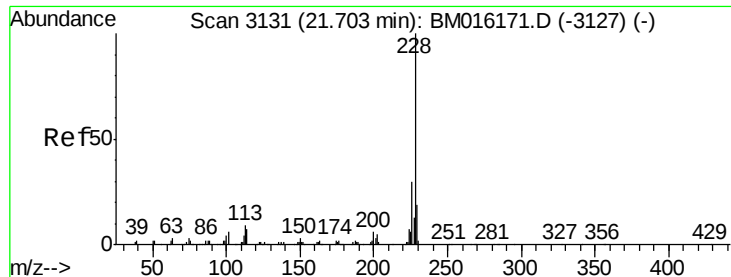
Abundance

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

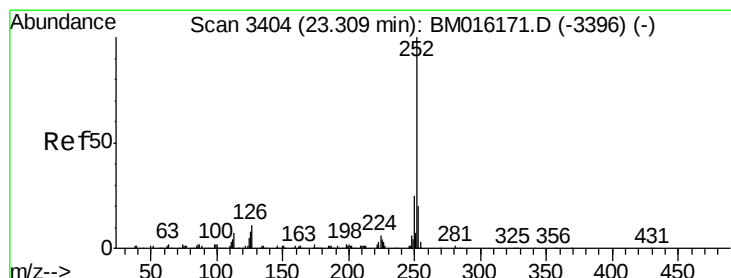
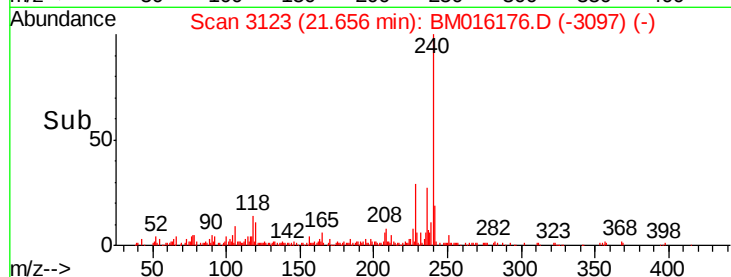
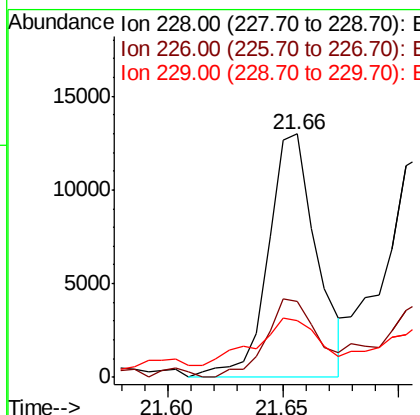
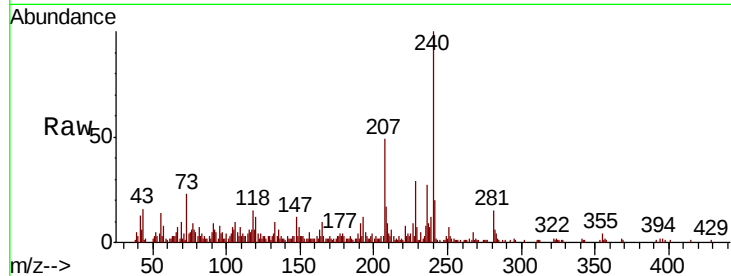




#84
Chrysene
Concen: 1.595 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. -0.05 min
Lab File: BM016176.D
Acq: 03 Aug 2018 12:52

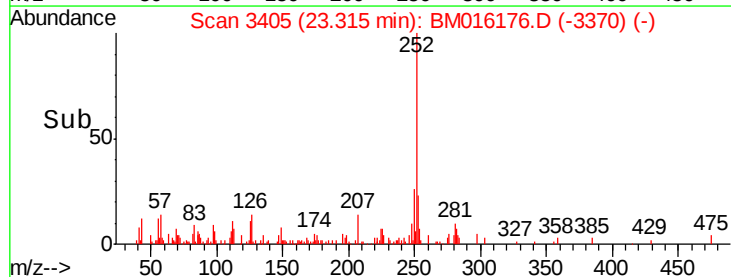
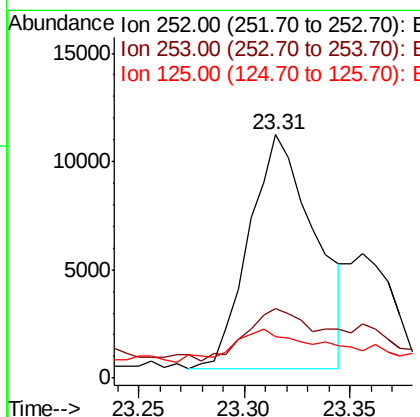
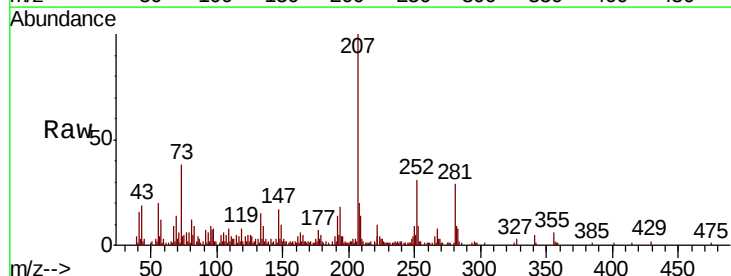
Instrument :
BNA_M
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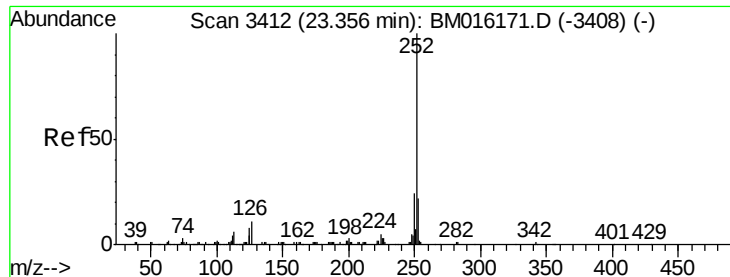
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.1	15.6	23.4



#87
Benzo(b)fluoranthene
Concen: 1.793 ng/ul
RT: 23.31 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM016176.D
Acq: 03 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.5	26.3#
125	16.8	8.5	12.7#





#88

Benzo(k)fluoranthene

Concen: 1.875 ng/ul

RT: 23.31 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

Instrument :

BNA_M

ClientSampleId :

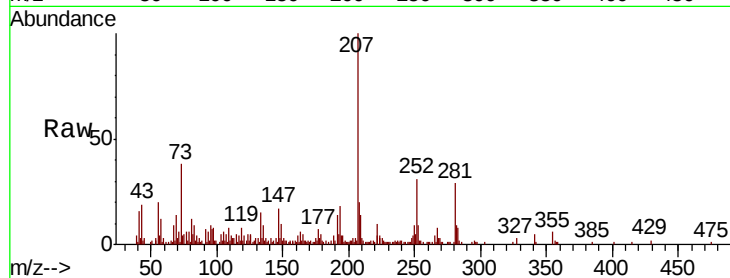
Tot Ion:252 Resp: 23493

Ion Ratio Lower Upper

252 100

253 28.3 17.3 25.9#

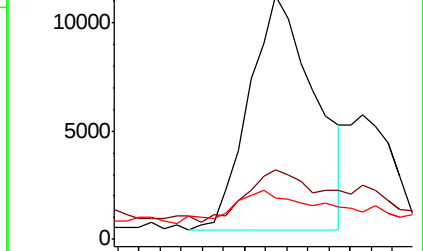
125 16.8 8.2 12.2#



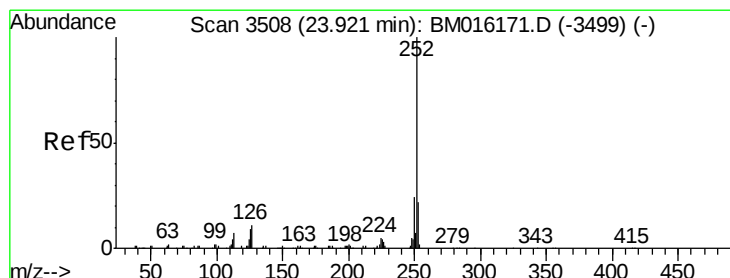
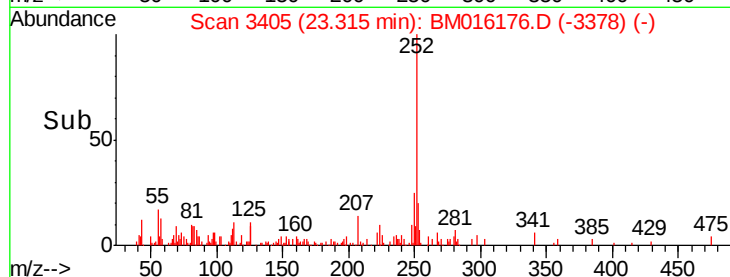
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 1.244 ng/ul

RT: 23.93 min Scan# 3509

Delta R.T. 0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

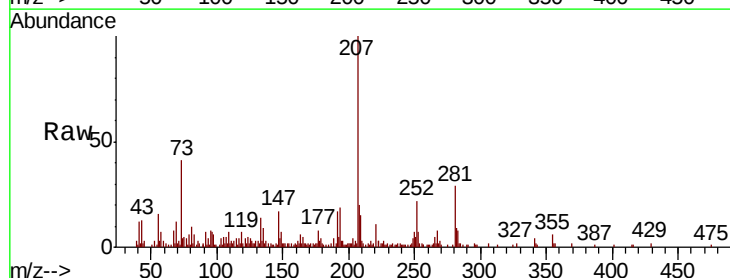
Tgt Ion:252 Resp: 15679

Ion Ratio Lower Upper

252 100

253 31.4 17.2 25.8#

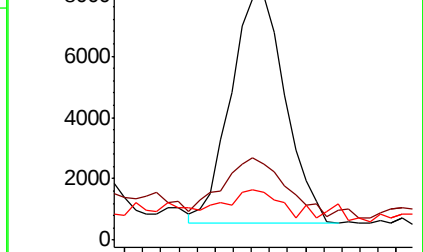
125 19.5 9.0 13.6#



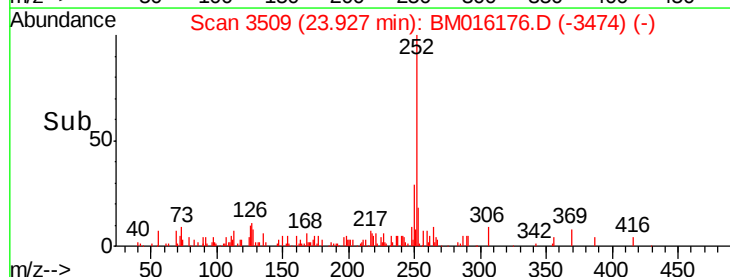
Abundance Ion 252.00 (251.70 to 252.70): E

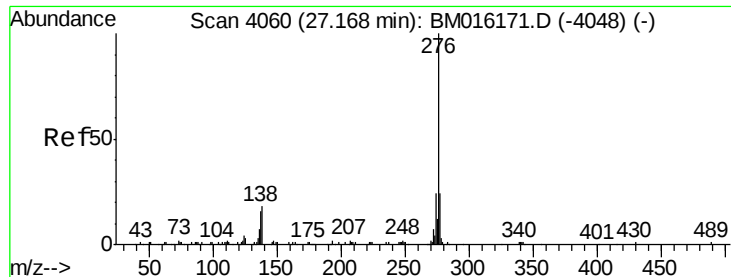
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#93

Benzo(a,h,i)perylene

Concen: 1.389 ng/ul

RT: 27.17 min Scan# 4061

Delta R.T. 0.01 min

Lab File: BM016176.D

Acq: 03 Aug 2018 12:52

Instrument :

BNA_M

ClientSampleId :

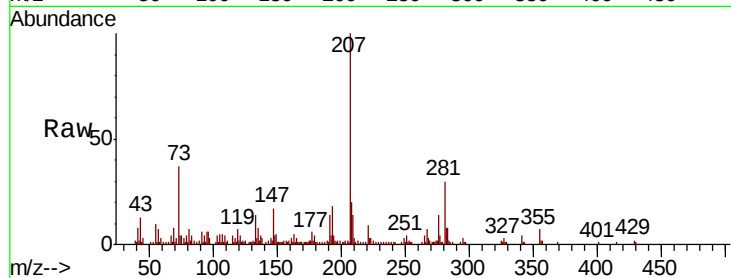
Tot Ion:276 Resp: 17211

Ion Ratio Lower Upper

276 100

138 20.1 18.9 28.3

277 26.9 19.2 28.8



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

