

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024172.D
 Acq On : 19 Dec 2019 02:57
 Operator : JU
 Sample : K6171-15
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 04:06:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 19 02:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	432589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1993947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1236875	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2515322	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1988304	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1879825	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	28868	2.95	ng/uL	0.00
5) Phenol-d5	6.65	99	721244	17.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	441830	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	552476	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	569804	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	276285	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	303314	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	565807	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	601981	16.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1780822	19.47	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2159629	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	194468	11.84	ng/ul	0.00
58) Fluorene-d10	15.11	176	1567728	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	123453	8.05	ng/ul	0.00
71) Anthracene-d10	16.96	188	2350987	20.54	ng/ul	0.00
79) Pyrene-d10	19.27	212	2505806	26.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2023971	21.68	ng/ul	0.00

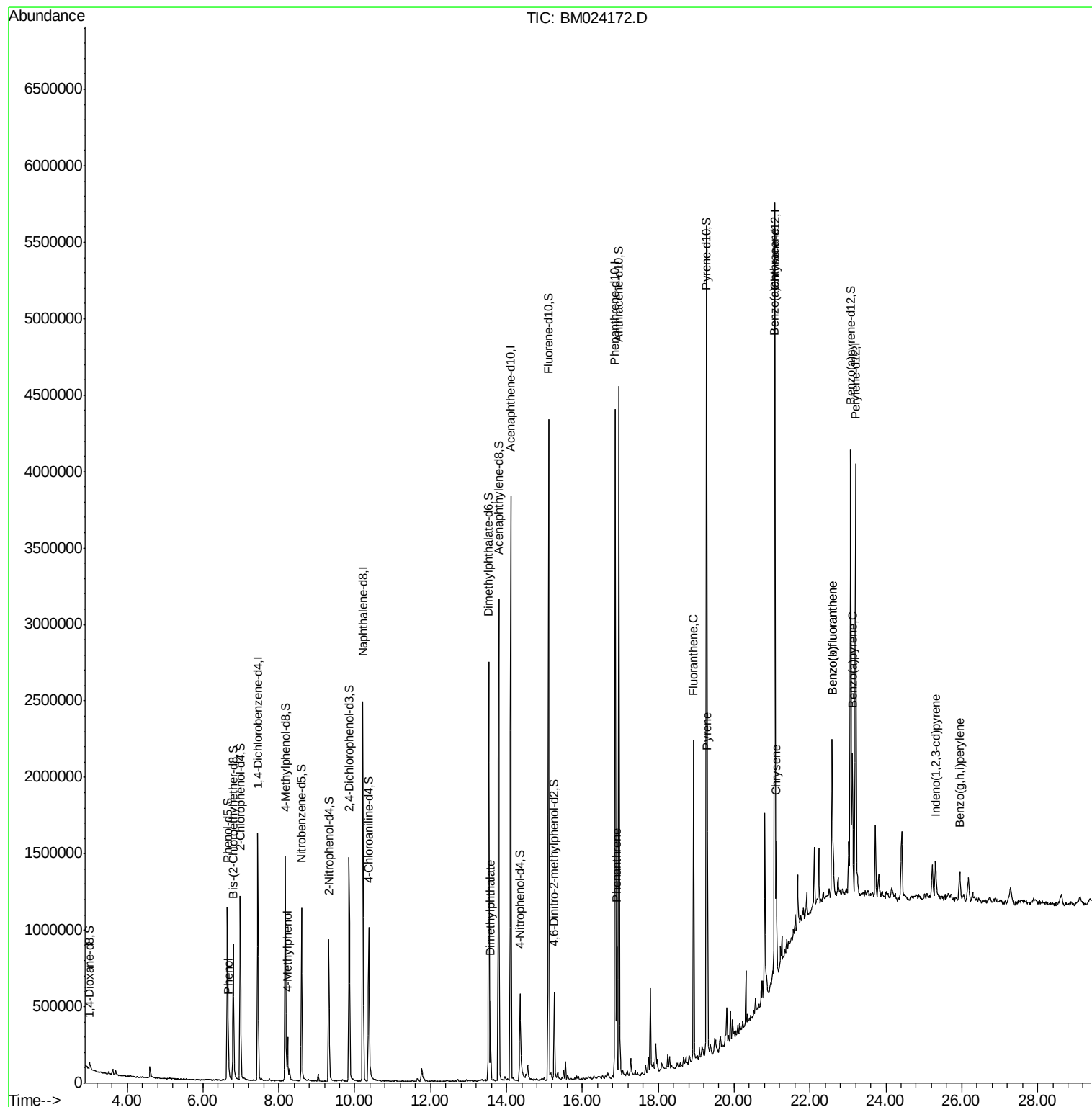
Target Compounds				Ovalue		
6) Phenol	6.67	94	56872	1.345	ng/ul	96
16) 4-Methylphenol	8.23	108	106212	3.042	ng/ul	84
45) Dimethylphthalate	13.58	163	319931	3.366	ng/ul	99
70) Phenanthrene	16.90	178	462613	3.285	ng/ul	99
77) Fluoranthene	18.93	202	1166194	7.598	ng/ul	99
80) Pyrene	19.30	202	921323	7.098	ng/ul	100
83) Benzo(a)anthracene	21.06	228	439386	3.468	ng/ul	99
85) Chrysene	21.11	228	468796	3.775	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	513112	4.562	ng/ul#	96
89) Benzo(k)fluoranthene	22.58	252	513112	4.649	ng/ul#	97
91) Benzo(a)pyrene	23.11	252	333675	3.279	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	221970	1.817	ng/ul#	95
94) Benzo(g,h,i)perylene	25.95	276	211455	2.120	ng/ul	97

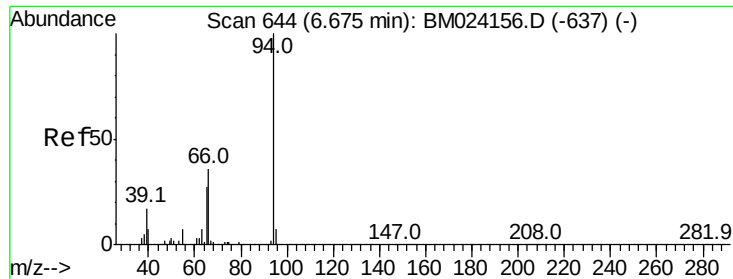
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 19 02:44:00 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.345 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

Instrument :

BNA_M

ClientSampleId :

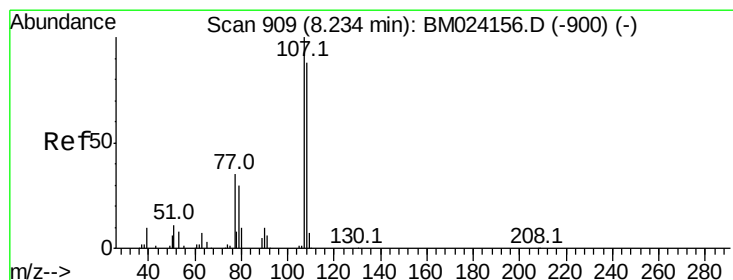
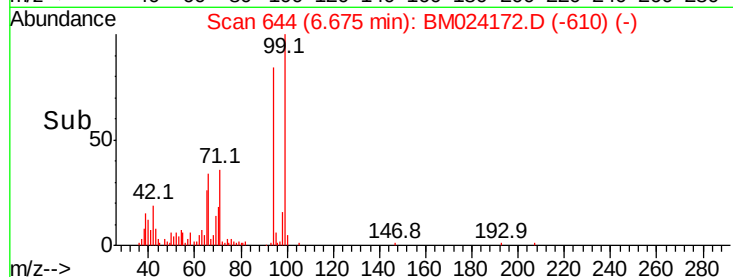
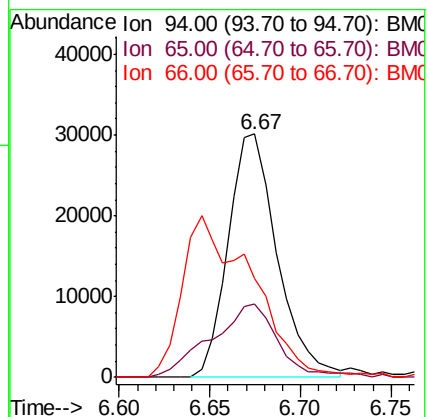
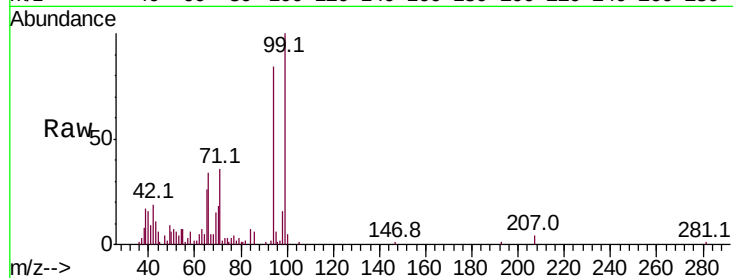
Tot Ion: 94 Resp: 56872

Ion Ratio Lower Upper

94 100

65 30.4 22.6 33.8

66 40.8 30.7 46.1



#16

4-Methylphenol

Concen: 3.042 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024172.D

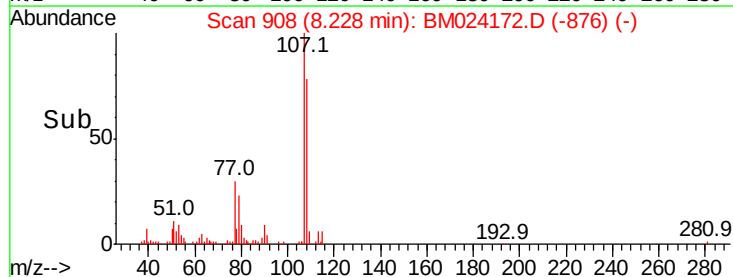
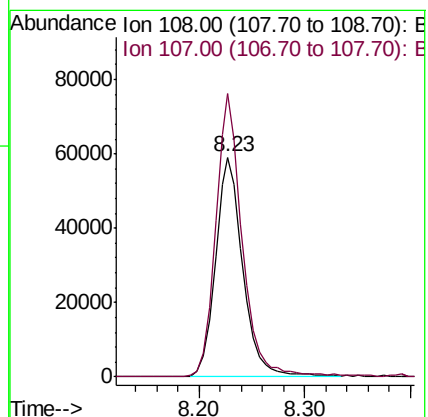
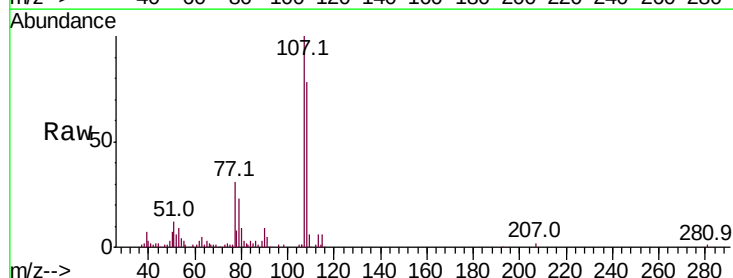
Acq: 19 Dec 2019 02:57

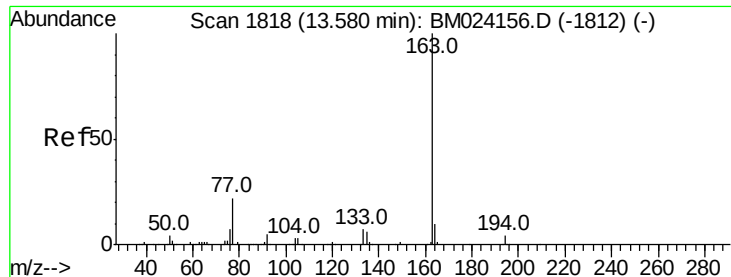
Tgt Ion: 108 Resp: 106212

Ion Ratio Lower Upper

108 100

107 128.9 89.1 133.7

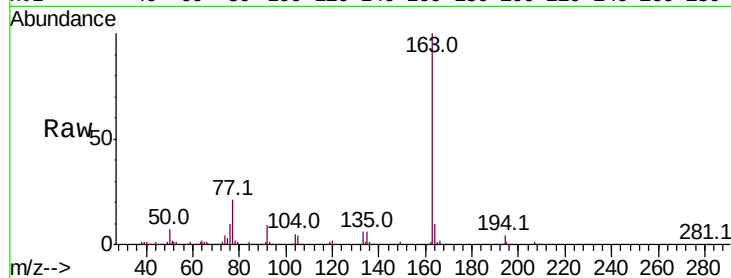




#45
Dimethylphthalate
Concen: 3.366 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	7.8	11.6

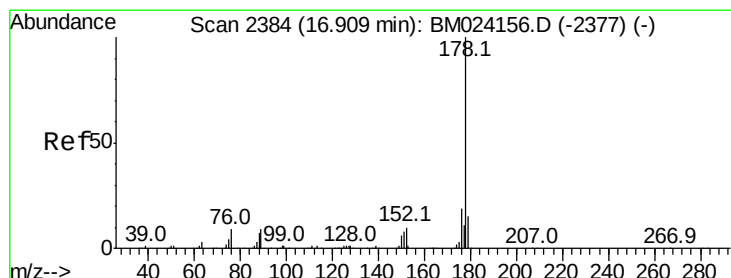
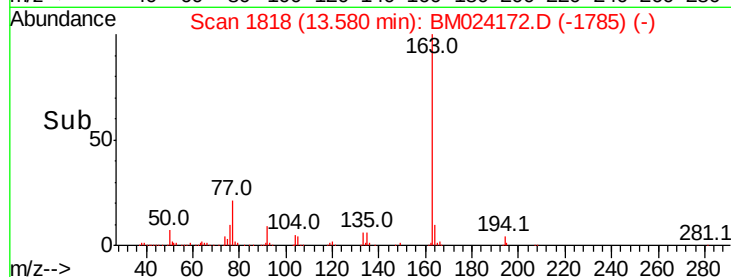
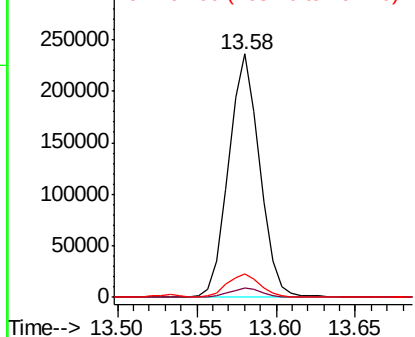


Abundance

Ion 163.00 (162.70 to 163.70): E

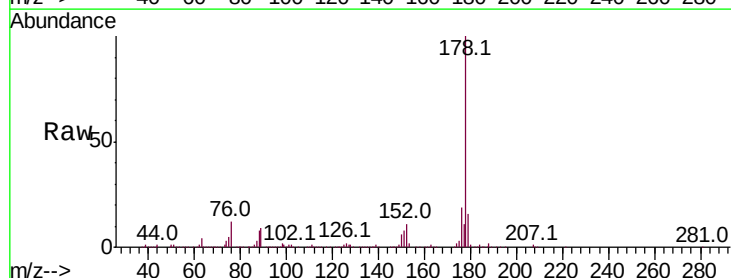
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 3.285 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.3	15.1	22.7

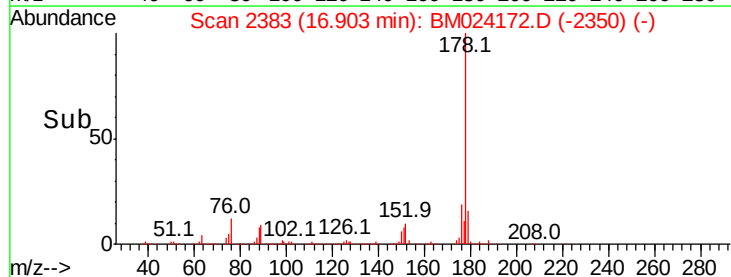
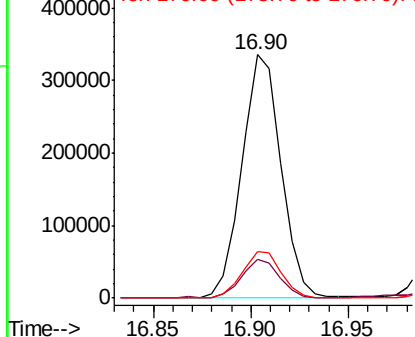


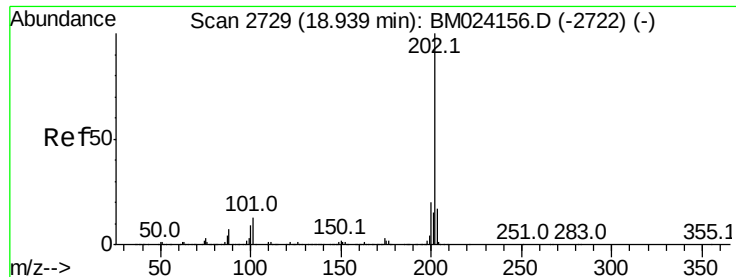
Abundance

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

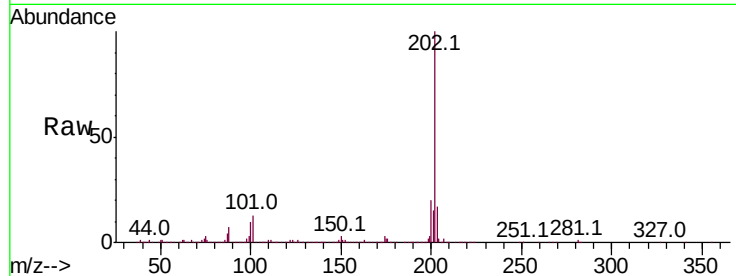




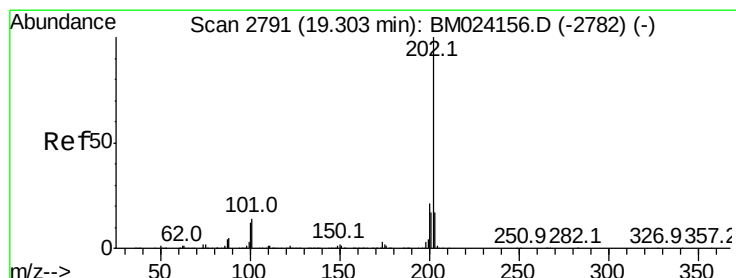
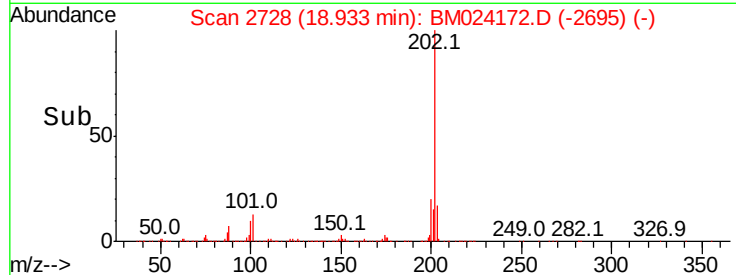
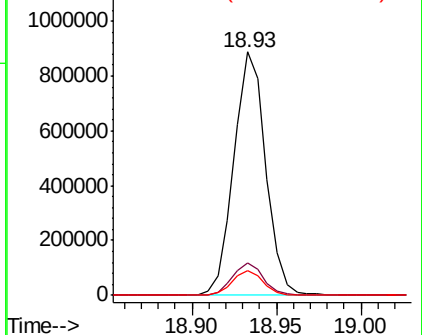
#77
Fluoranthene
Concen: 7.598 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1166194
Ion Ratio Lower Upper
202 100
101 13.5 10.6 15.8
100 9.9 8.1 12.1

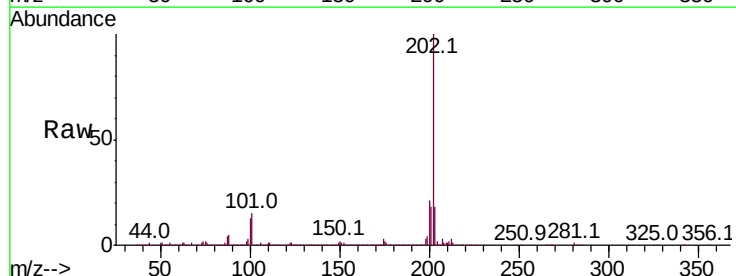


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

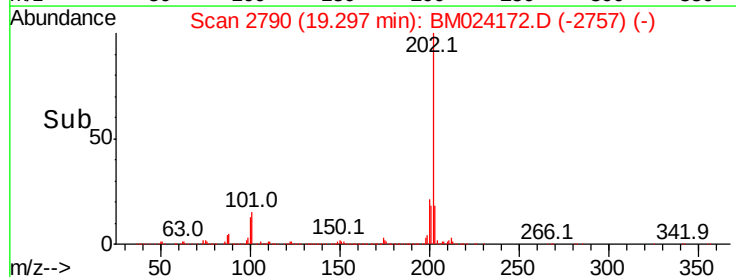
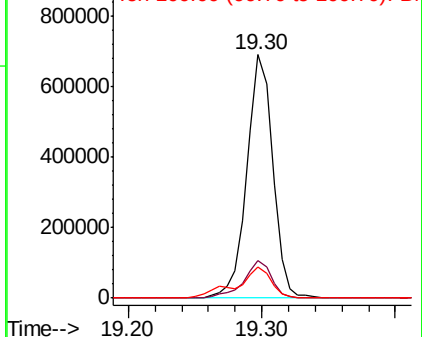


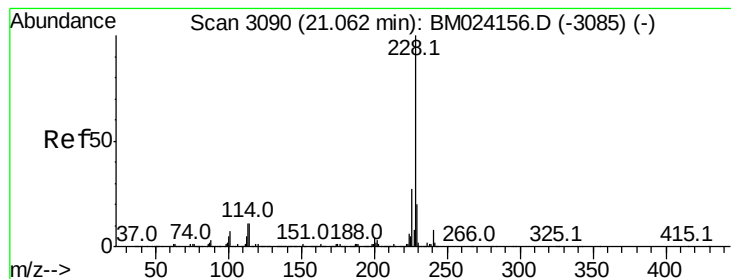
#80
Pyrene
Concen: 7.098 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024172.D
Acq: 19 Dec 2019 02:57

Tgt Ion:202 Resp: 921323
Ion Ratio Lower Upper
202 100
101 15.3 12.2 18.4
100 12.8 10.0 15.0



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





#83

Benzo(a)anthracene

Concen: 3.468 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

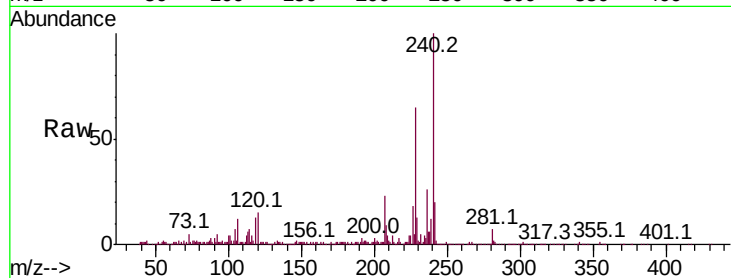
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 439386

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.5	22.2	33.2

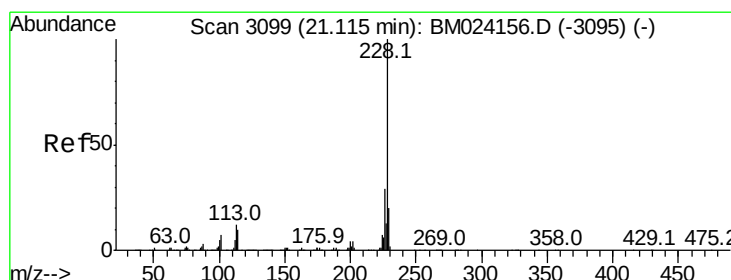
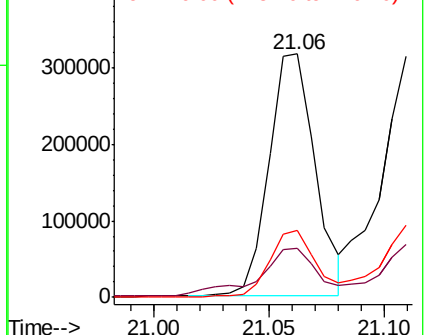
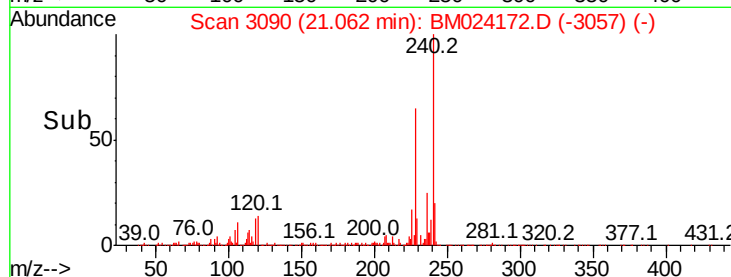


Abundance

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



#85

Chrysene

Concen: 3.775 ng/ul

RT: 21.11 min Scan# 3098

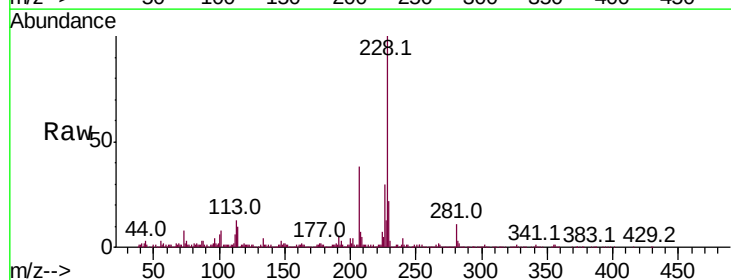
Delta R.T. -0.01 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

Tgt Ion:228 Resp: 468796

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.9	15.4	23.2

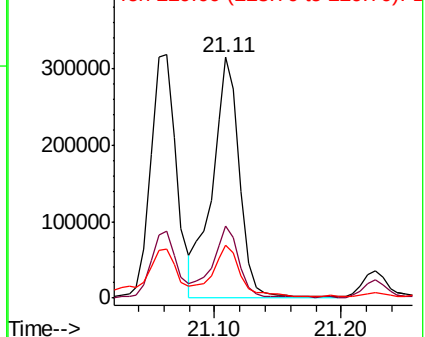
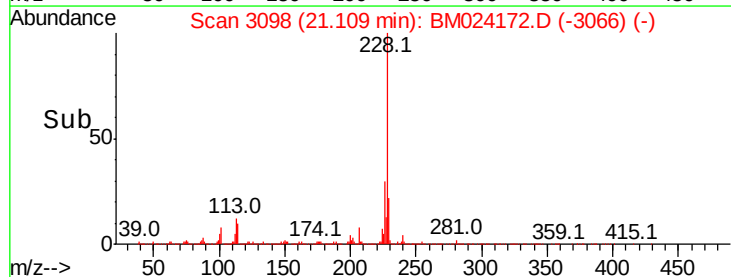


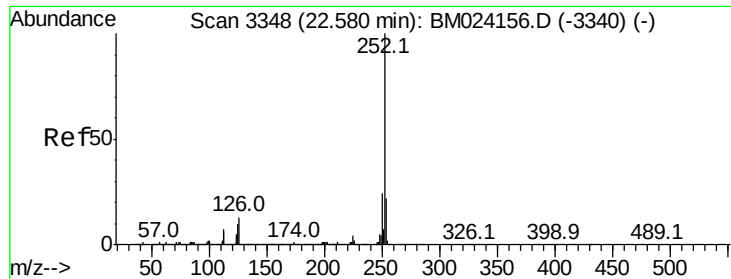
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 4.562 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

Instrument :

BNA_M

ClientSampleId :

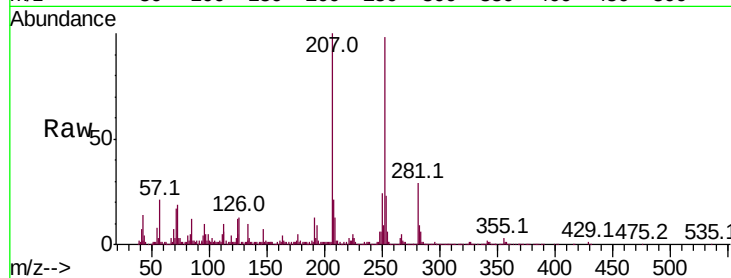
Tot Ion:252 Resp: 513112

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

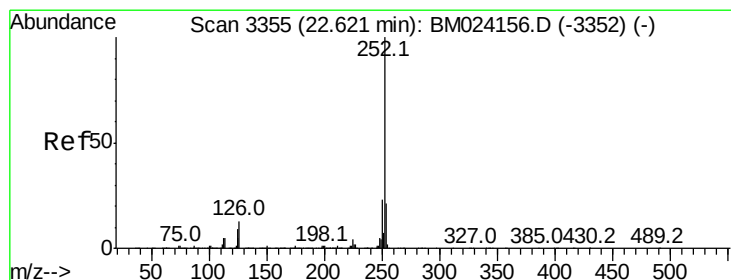
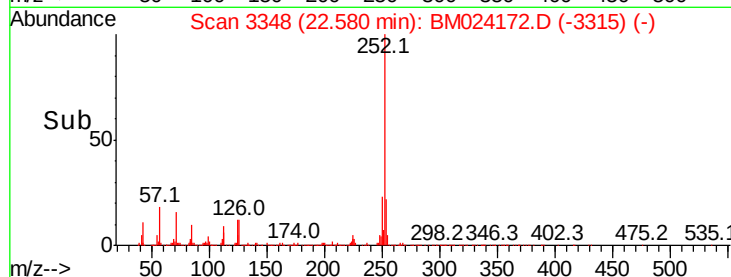
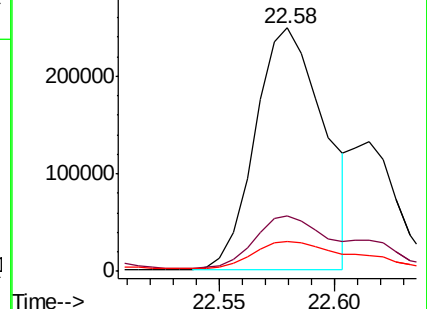
125 12.5 7.8 11.8#



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



#89

Benzo(k)fluoranthene

Concen: 4.649 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

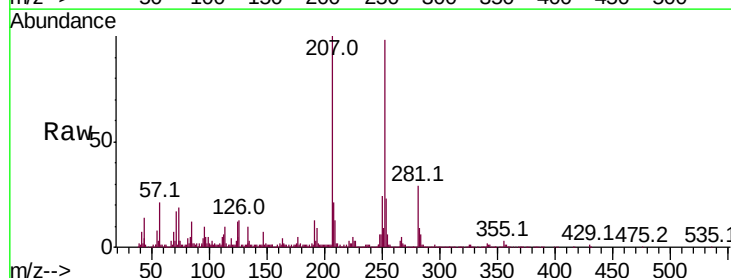
Tgt Ion:252 Resp: 513112

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

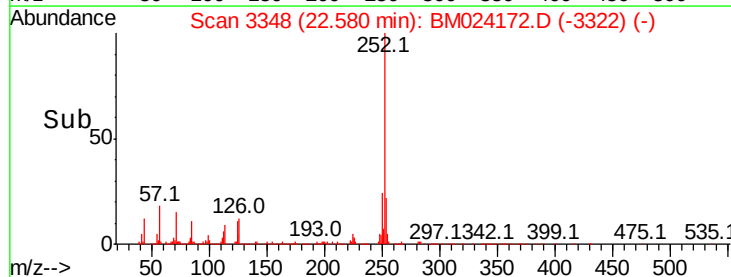
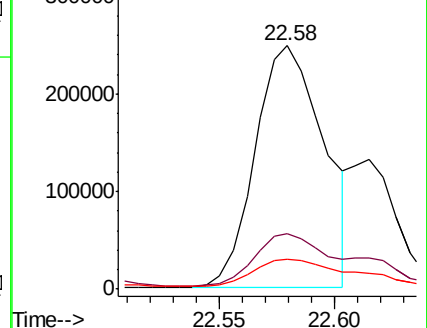
125 12.5 7.9 11.9#

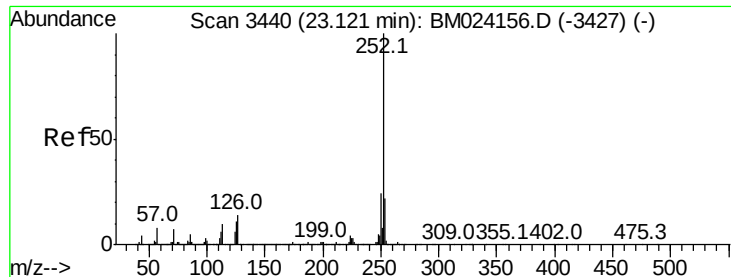


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.279 ng/ul

RT: 23.11 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

Instrument :

BNA_M

ClientSampled :

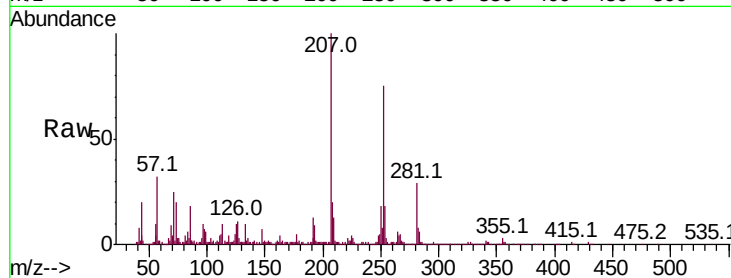
Tot Ion:252 Resp: 333675

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 12.7 8.2 12.4#

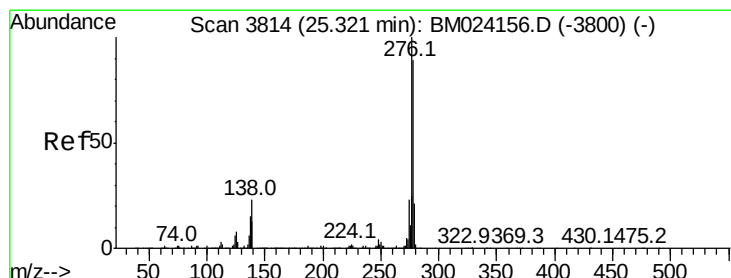
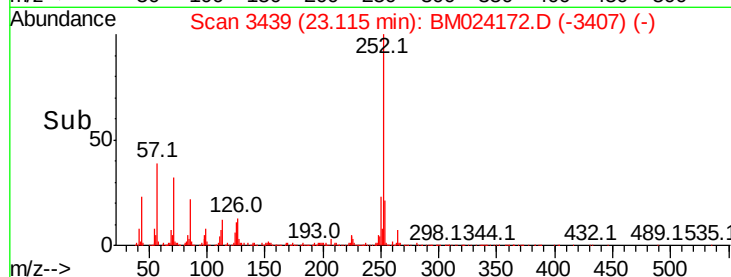
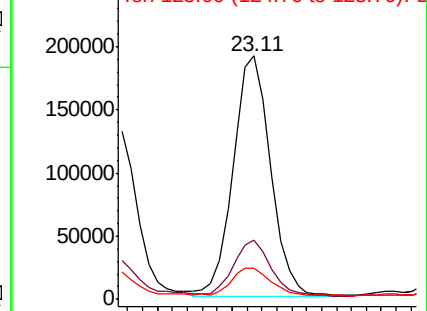


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.817 ng/ul

RT: 25.31 min Scan# 3812

Delta R.T. -0.02 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

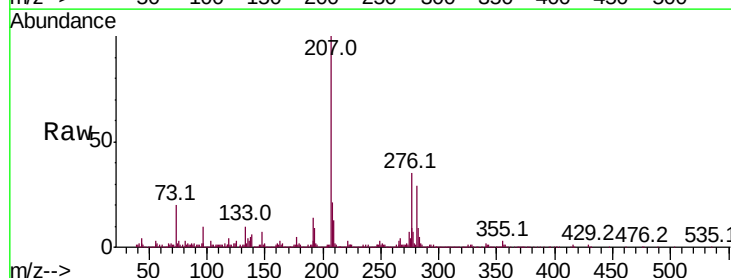
Tgt Ion:276 Resp: 221970

Ion Ratio Lower Upper

276 100

138 17.9 18.3 27.5#

277 25.3 20.2 30.2

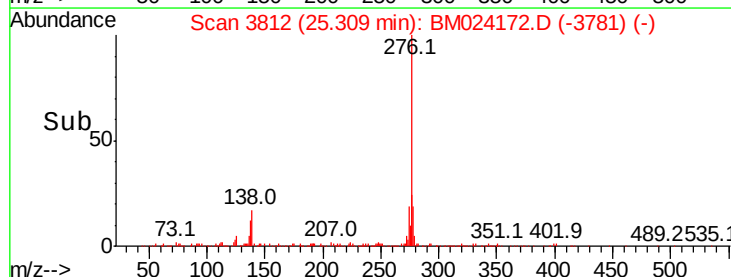
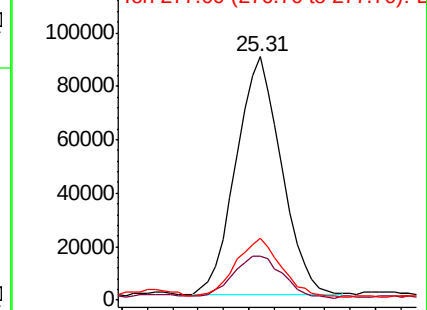


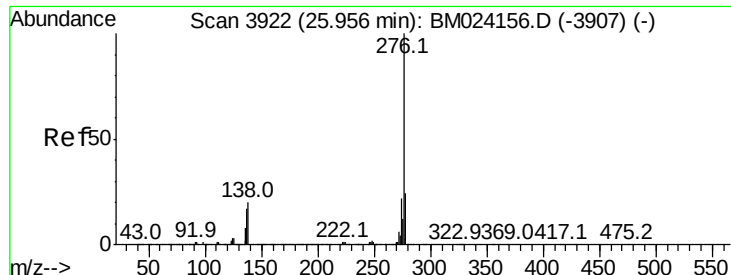
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 2.120 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024172.D

Acq: 19 Dec 2019 02:57

Instrument :

BNA_M

ClientSampleId :

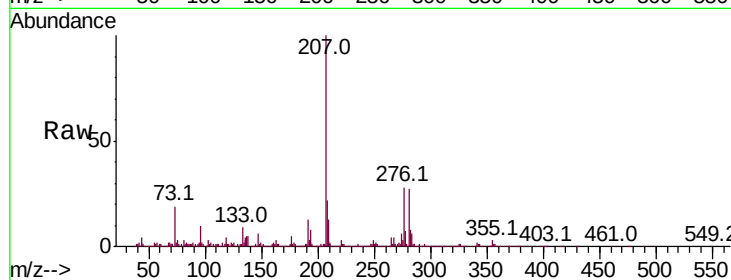
Tot Ion: 276 Resp: 211455

Ion Ratio Lower Upper

276 100

138 19.5 15.3 22.9

277 26.1 19.3 28.9



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

