

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029432.D
 Acq On : 09 Apr 2021 15:33
 Operator : CG/JU
 Sample : M1881-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG0MS

Quant Time: Apr 09 16:07:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 11:03:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	87438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	340770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	189019	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	347190	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	315850	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	340566	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6976	3.05	ng/uL	0.01
5) Phenol-d5	6.86	99	115557	15.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	82257	17.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	95777	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	65718	11.64	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	42307	17.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	43684	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	80256	15.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	73523	11.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	234155	17.30	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	284338	16.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	31000	12.49	ng/ul	0.00
58) Fluorene-d10	15.32	176	193486	16.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	19919	10.09	ng/ul	0.00
71) Anthracene-d10	17.16	188	275467	17.46	ng/ul	0.00
79) Pyrene-d10	19.45	212	292645	19.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	306293	17.63	ng/ul	0.00

Target Compounds

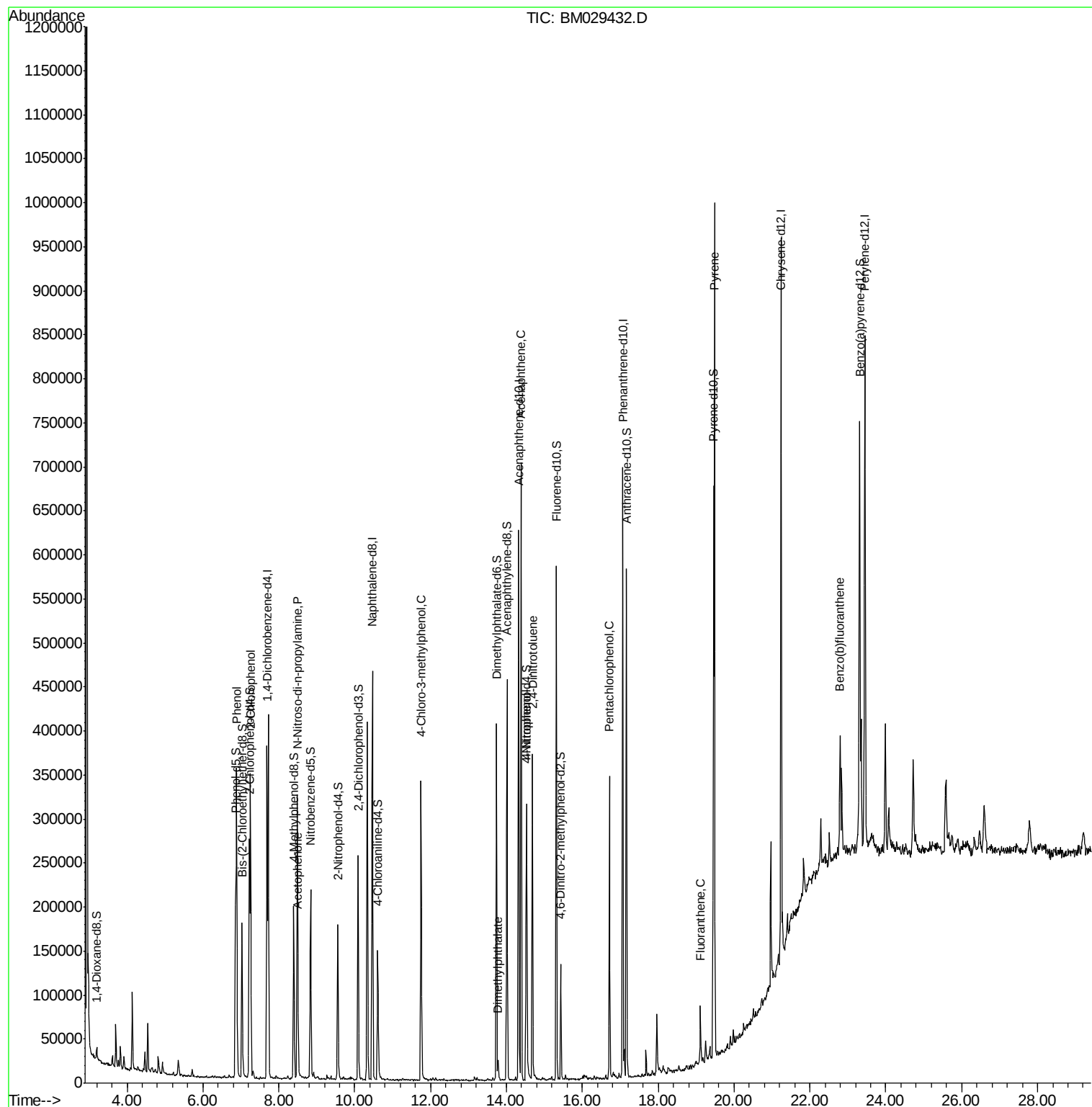
					Ovalue
6) Phenol	6.89	94	166591	21.315	ng/ul 100
10) 2-Chlorophenol	7.25	128	123152	20.740	ng/ul 100
14) Acetophenone	8.51	105	10238	1.109	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.49	70	106079	21.549	ng/ul 98
33) 4-Chloro-3-methylphenol	11.75	107	102733	19.246	ng/ul 99
45) Dimethylphthalate	13.78	163	14040	1.009	ng/ul 97
50) Acenaphthene	14.39	153	254632	20.462	ng/ul 98
53) 4-Nitrophenol	14.53	109	44505	17.848	ng/ul 94
55) 2,4-Dinitrotoluene	14.69	165	76790	20.376	ng/ul 93
69) Pentachlorophenol	16.72	266	43105	19.608	ng/ul 99
77) Fluoranthene	19.12	202	34235	1.513	ng/ul 96
80) Pyrene	19.48	202	501687	23.985	ng/ul 97
88) Benzo(b)fluoranthene	22.79	252	21937	1.001	ng/ul# 86

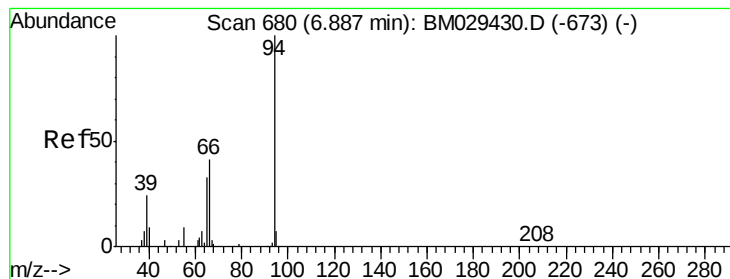
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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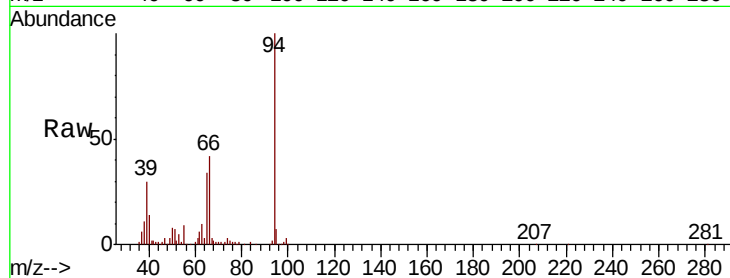
#6

Phenol

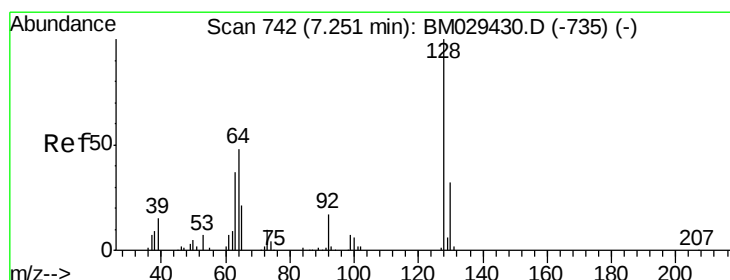
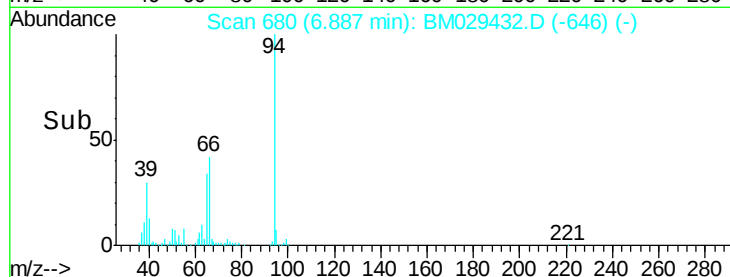
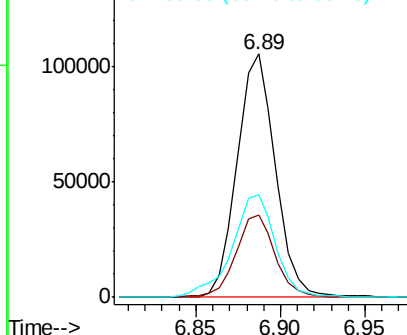
Concen: 21.315 ng/ul
 RT: 6.89 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Instrument :
 BNA_M
 ClientSampleId :
 ESQG0MS

Tot Ion: 94 Resp: 166591
 Ion Ratio Lower Upper
 94 100
 65 33.7 26.7 40.1
 66 42.1 33.8 50.8



Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0

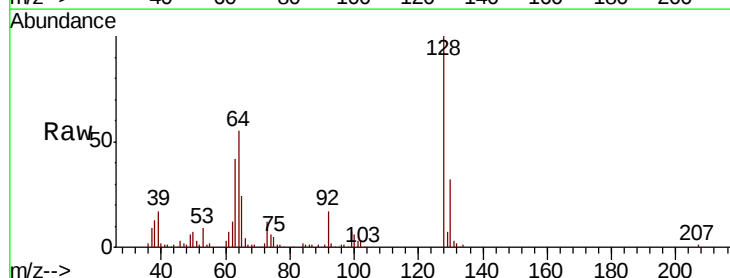


#10

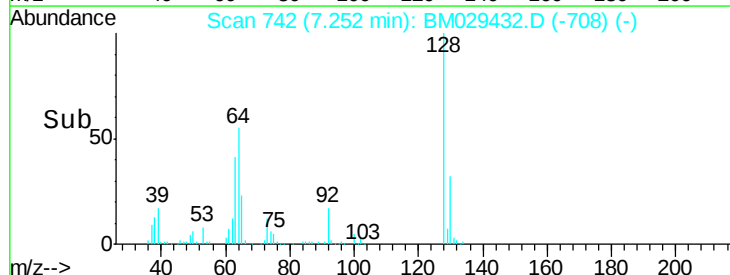
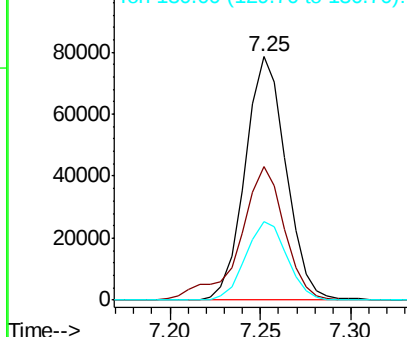
2-Chlorophenol

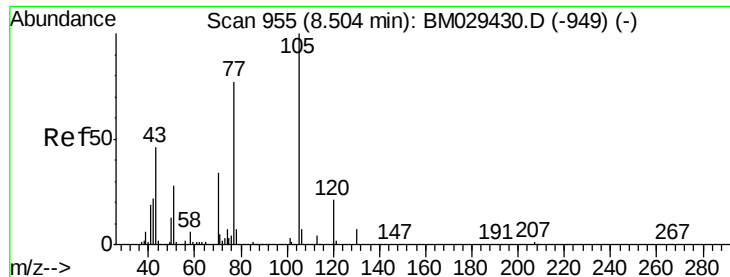
Concen: 20.740 ng/ul
 RT: 7.25 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Tgt Ion: 128 Resp: 123152
 Ion Ratio Lower Upper
 128 100
 64 54.8 44.0 66.0
 130 32.4 26.2 39.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 130.00 (129.70 to 130.70): E





#14

Acetophenone

Concen: 1.109 ng/ul

RT: 8.51 min Scan# 956

Delta R.T. 0.01 min

Lab File: BM029432.D

Acq: 09 Apr 2021 15:33

Instrument :

BNA_M

ClientSampleId :

ESQ00MS

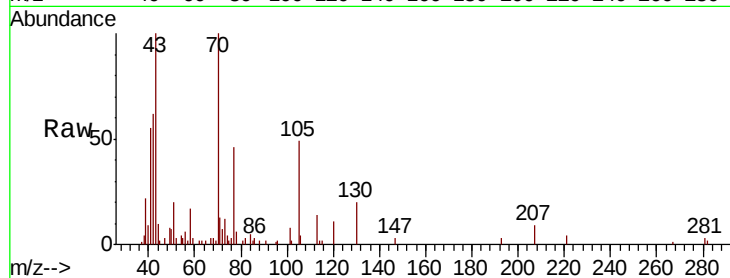
Tot Ion:105 Resp: 10238

Ion Ratio Lower Upper

105 100

77 92.2 71.8 107.6

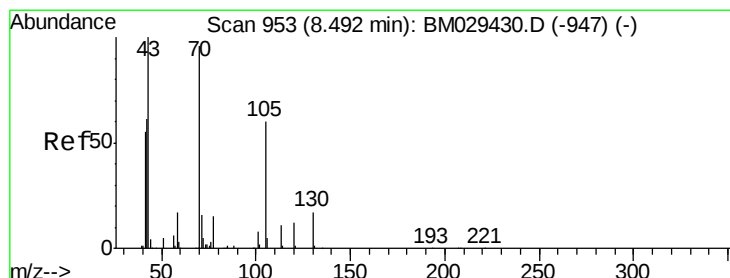
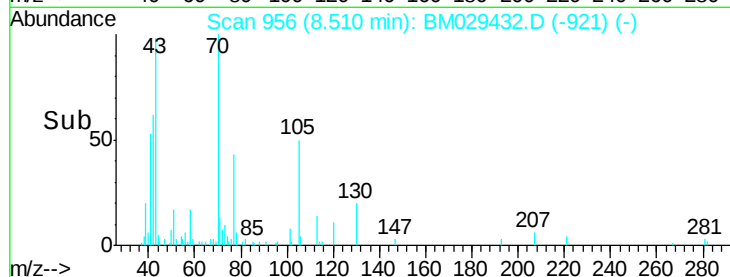
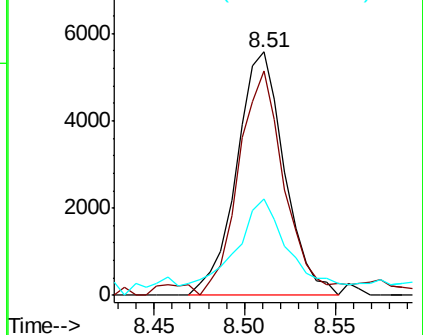
51 39.7 25.3 37.9#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 21.549 ng/ul

RT: 8.49 min Scan# 953

Delta R.T. -0.00 min

Lab File: BM029432.D

Acq: 09 Apr 2021 15:33

Tgt Ion: 70 Resp: 106079

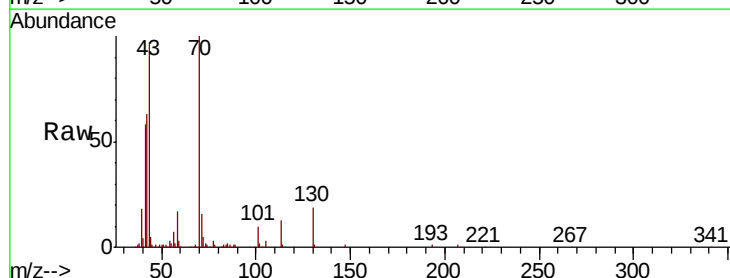
Ion Ratio Lower Upper

70 100

42 63.2 52.0 78.0

101 9.7 7.3 10.9

130 19.1 14.2 21.4

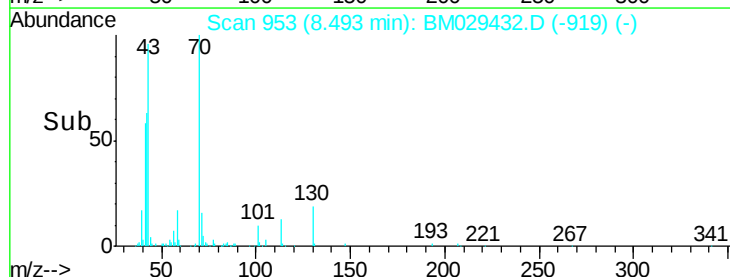
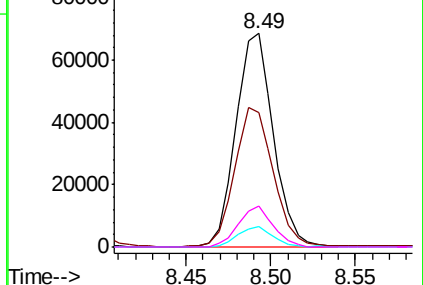


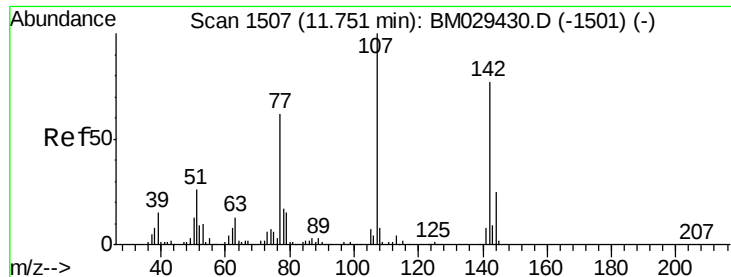
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

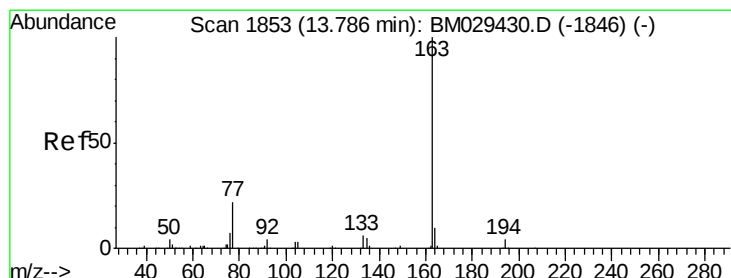
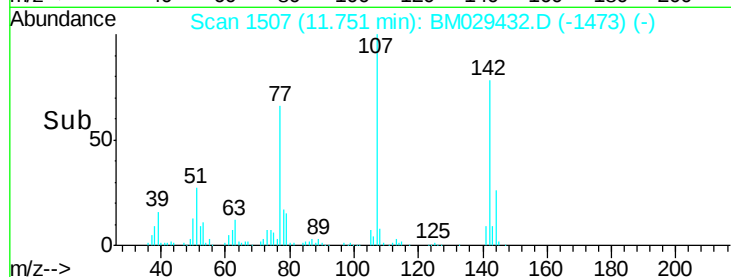
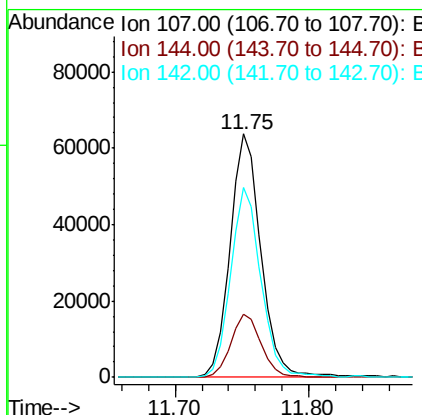
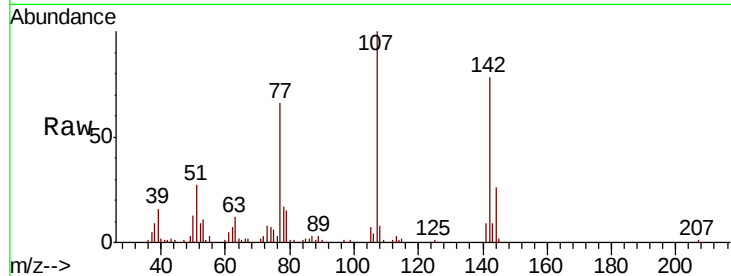




#33
 4-Chloro-3-methylphenol
 Concen: 19.246 ng/ul
 RT: 11.75 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

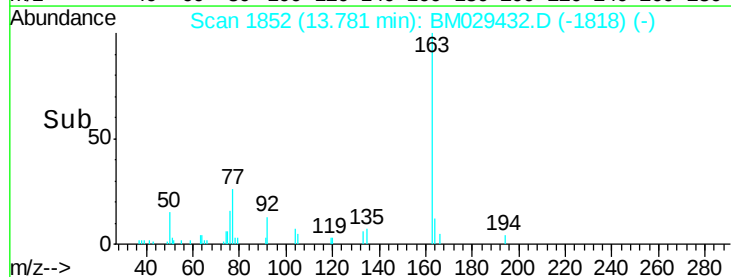
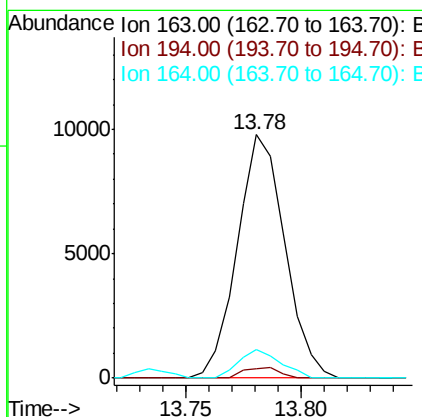
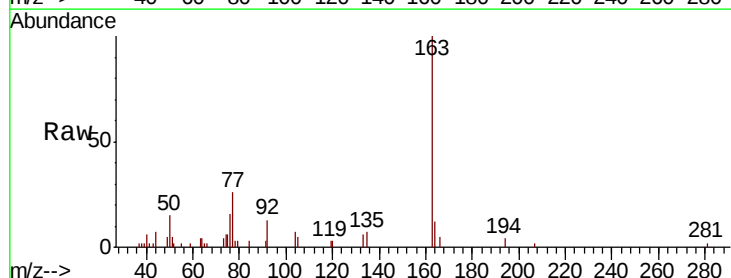
Instrument :
 BNA_M
 ClientSampleId :
 ESQG0MS

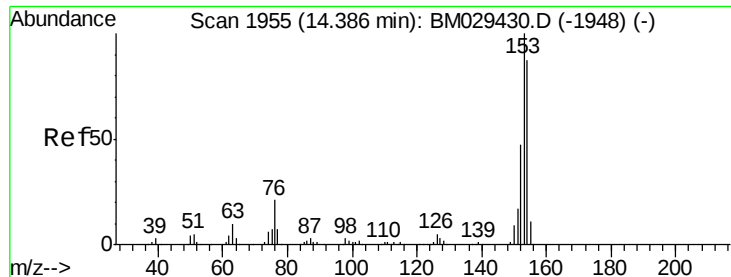
Tot Ion:107 Resp: 102733
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.0 28.4
 142 77.9 62.7 94.1



#45
 Dimethylphthalate
 Concen: 1.009 ng/ul
 RT: 13.78 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Tgt Ion:163 Resp: 14040
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.6
 164 11.8 8.1 12.1





#50

Acenaphthene

Concen: 20.462 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM029432.D

Acq: 09 Apr 2021 15:33

Instrument :

BNA_M

ClientSampleId :

ESQG0MS

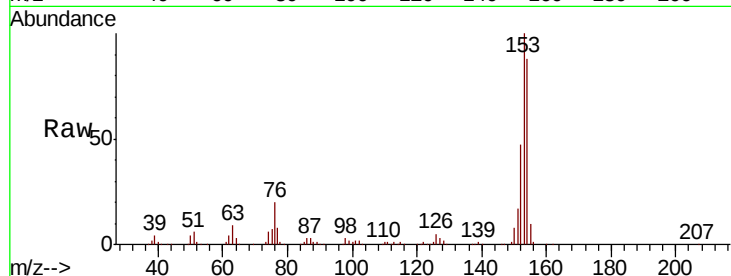
Tot Ion:153 Resp: 254632

Ion Ratio Lower Upper

153 100

152 47.4 37.0 55.4

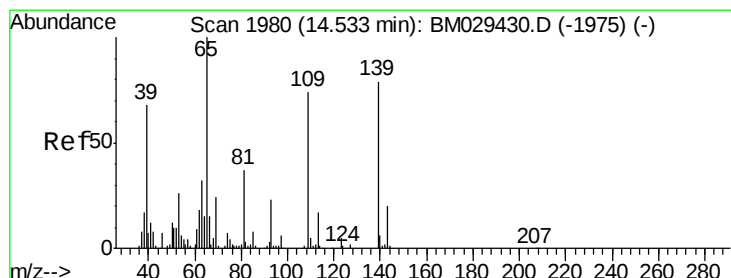
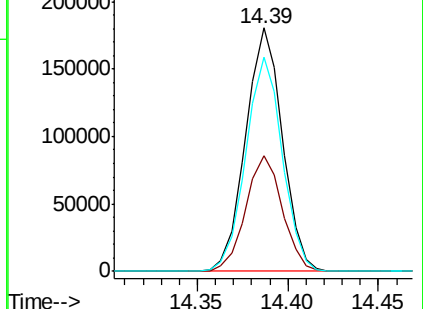
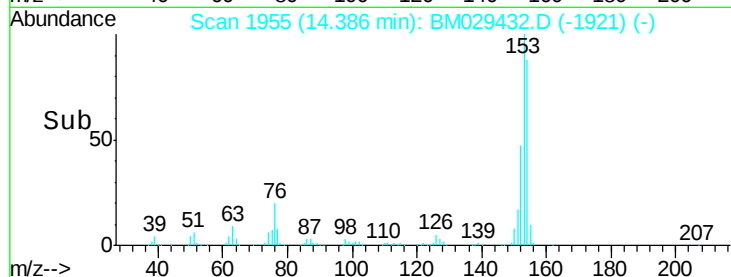
154 87.9 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 17.848 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM029432.D

Acq: 09 Apr 2021 15:33

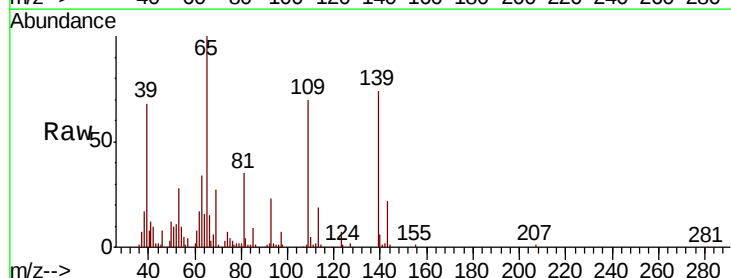
Tgt Ion:109 Resp: 44505

Ion Ratio Lower Upper

109 100

139 105.1 84.8 127.2

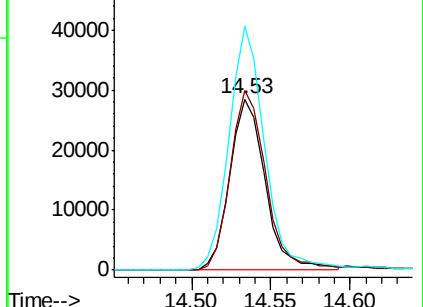
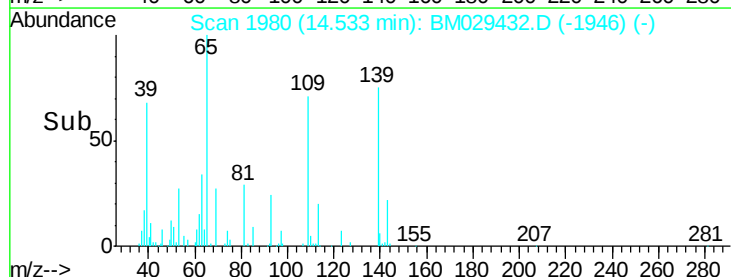
65 142.3 105.1 157.7

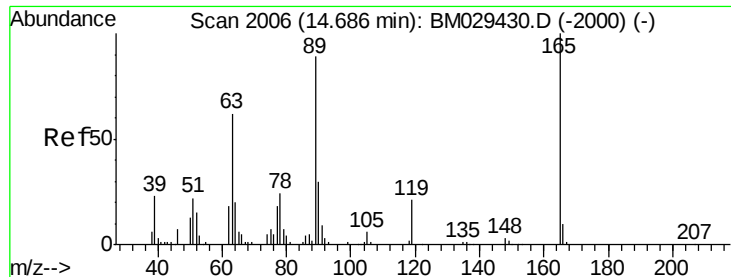


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

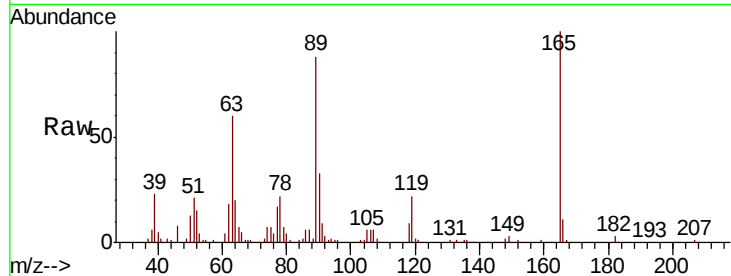




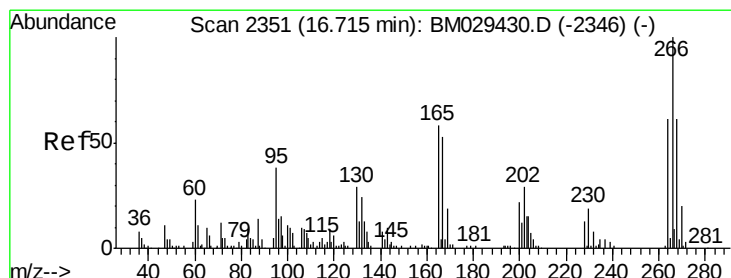
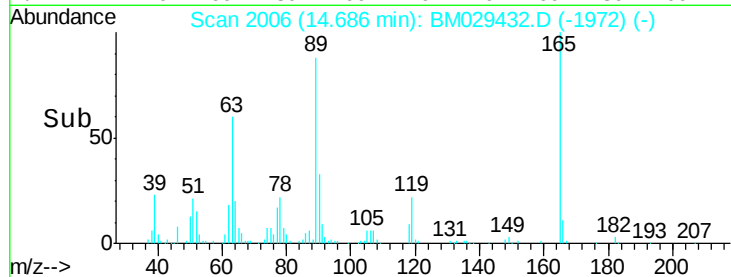
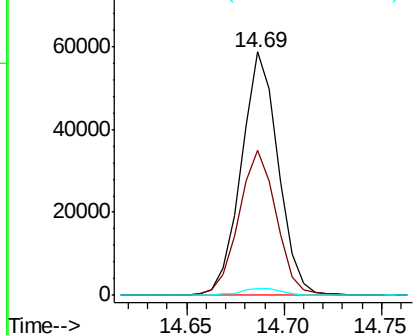
#55
 2,4-Dinitrotoluene
 Concen: 20.376 ng/ul
 RT: 14.69 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Instrument :
 BNA_M
 ClientSampleId :
 ESQG0MS

Tot Ion:165 Resp: 76790
 Ion Ratio Lower Upper
 165 100
 63 59.7 43.4 65.0
 182 3.0 2.7 4.1

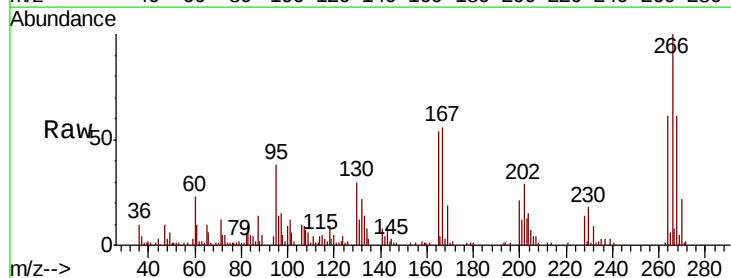


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

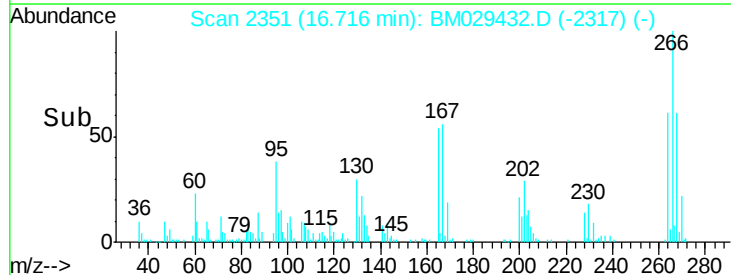
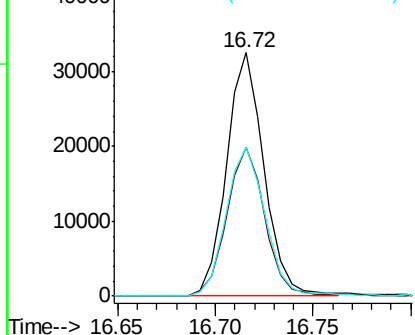


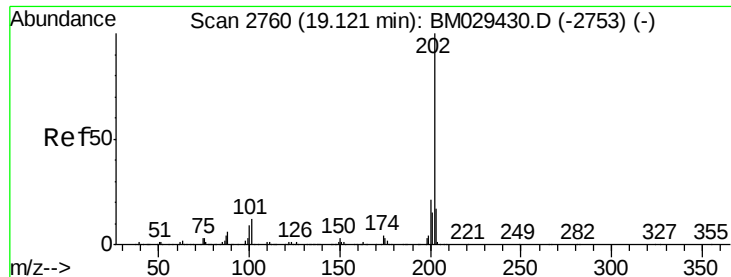
#69
 Pentachlorophenol
 Concen: 19.608 ng/ul
 RT: 16.72 min Scan# 2351
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Tgt Ion:266 Resp: 43105
 Ion Ratio Lower Upper
 266 100
 264 61.1 49.1 73.7
 268 61.2 48.6 72.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

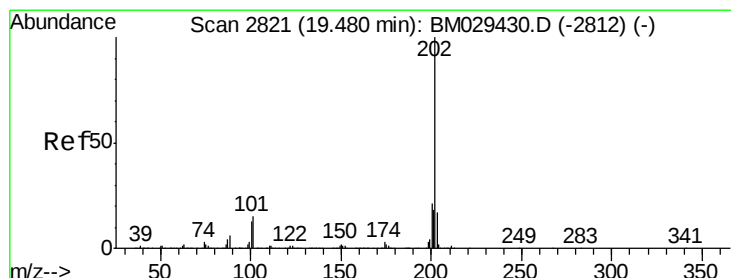
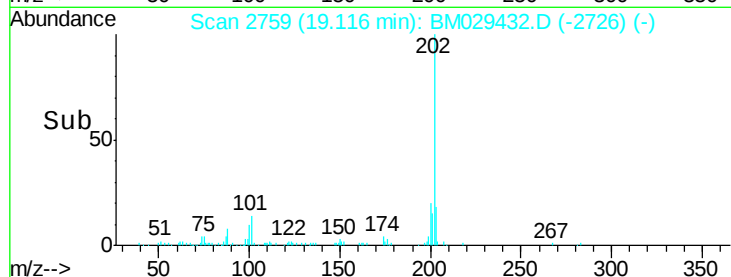
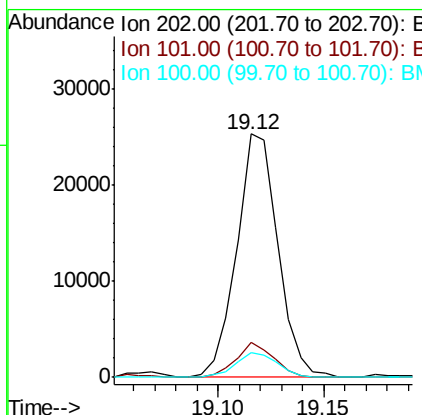
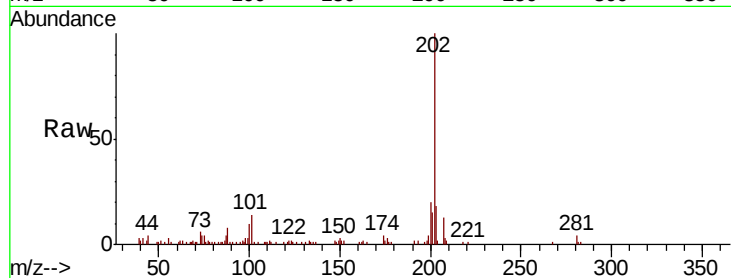




#77
Fluoranthene
 Concen: 1.513 ng/ul
 RT: 19.12 min Scan# 2759
 Delta R.T. -0.01 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

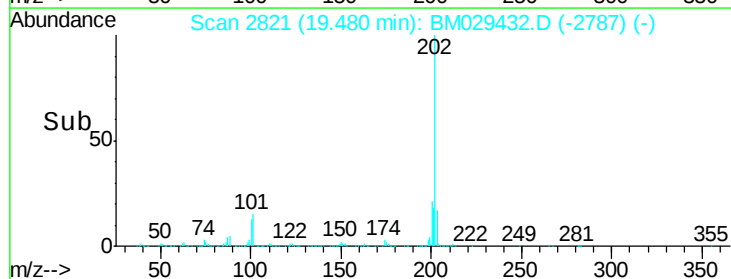
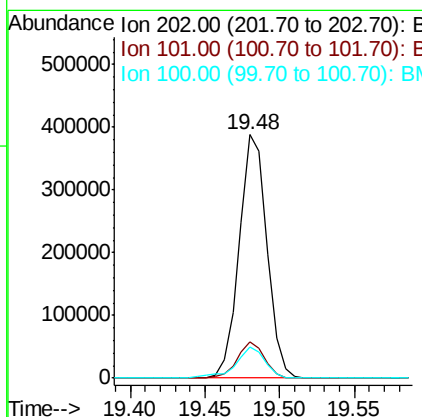
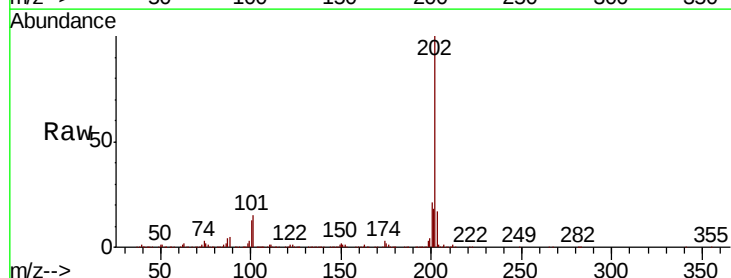
Instrument :
 BNA_M
 ClientSampleId :
 ESQG0MS

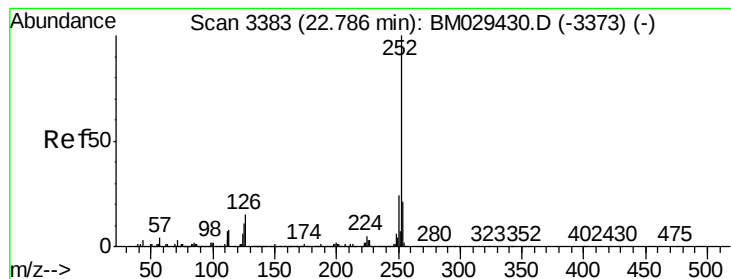
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.8	14.6
100	10.3	7.4	11.0



#80
Pyrene
 Concen: 23.985 ng/ul
 RT: 19.48 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM029432.D
 Acq: 09 Apr 2021 15:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.0	16.6
100	12.9	9.5	14.3





#88

Benzo(b)fluoranthene

Concen: 1.001 ng/ul

RT: 22.79 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BM029432.D

Acq: 09 Apr 2021 15:33

Instrument :

BNA_M

ClientSampleId :

ESQG0MS

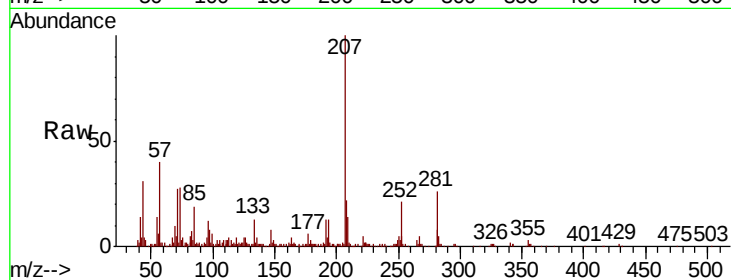
Tot Ion:252 Resp: 21937

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 21.3 8.8 13.2#



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

