

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
 Data File : BN011249.D
 Acq On : 24 Jul 2020 19:17
 Operator : CG/JU
 Sample : L3388-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 25 00:21:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 11:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	270697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1114896	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	706848	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1599852	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1489081	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1220118	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	17962	2.54	ng/uL	0.00
5) Phenol-d5	6.68	99	441082	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	239372	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	358972	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	379146	21.36	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	175662	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	193810	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	392901	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	355541	18.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1233397	21.52	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1428543	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	158707	15.50	ng/ul	0.00
58) Fluorene-d10	15.12	176	1112314	21.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	159761	16.36	ng/ul	0.00
71) Anthracene-d10	16.96	188	1745676	22.41	ng/ul	0.00
79) Pyrene-d10	19.27	212	1959485	26.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1390352	21.03	ng/ul	-0.01

Target Compounds

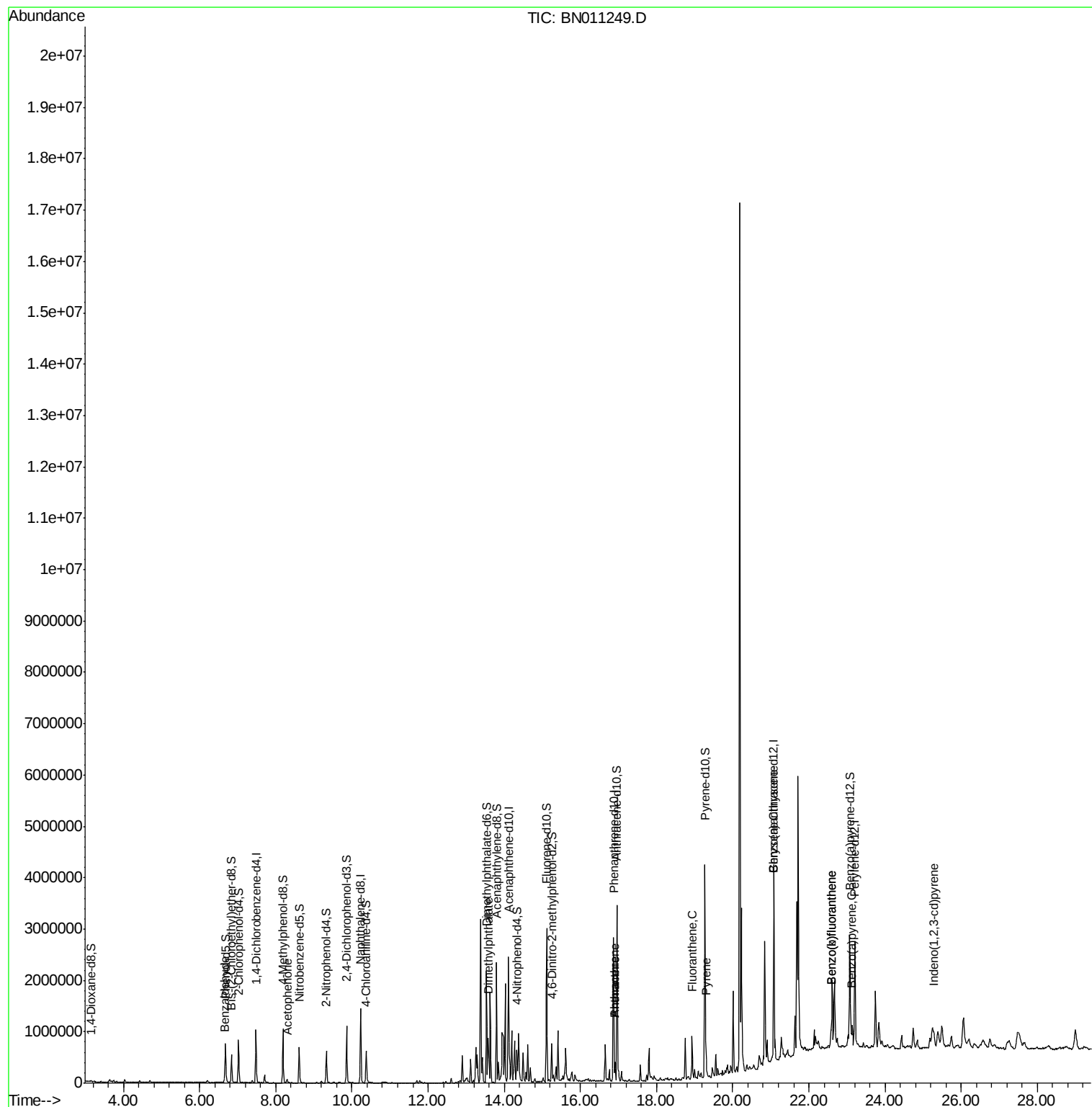
					Ovalue
4) Benzaldehyde	6.65	77	29819	2.726	ng/ul 96
14) Acetophenone	8.30	105	35798	1.180	ng/ul 89
45) Dimethylphthalate	13.58	163	487134	8.044	ng/ul 98
70) Phenanthrene	16.91	178	218283	2.253	ng/ul 99
72) Anthracene	16.91	178	217971	2.216	ng/ul 98
77) Fluoranthene	18.93	202	469619	4.302	ng/ul 98
80) Pyrene	19.30	202	397335	3.957	ng/ul 97
83) Benzo(a)anthracene	21.07	228	262035	2.494	ng/ul 99
85) Chrysene	21.07	228	262819	2.601	ng/ul 97
88) Benzo(b)fluoranthene	22.59	252	295224	3.529	ng/ul 97
89) Benzo(k)fluoranthene	22.59	252	295224	3.507	ng/ul# 95
91) Benzo(a)pyrene	23.12	252	164848	2.234	ng/ul# 87
92) Indeno(1,2,3-cd)pyrene	25.29	276	105896	1.213	ng/ul 97

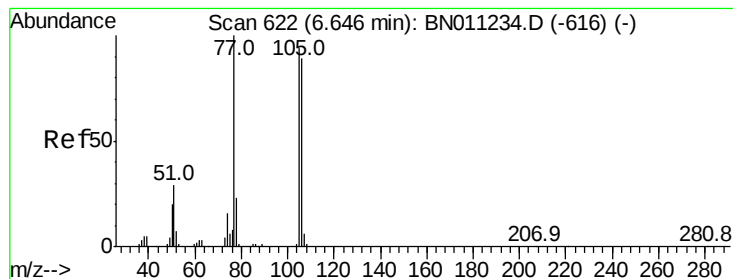
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 11:01:43 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.726 ng/ul

RT: 6.65 min Scan# 623

Delta R.T. 0.01 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

Instrument :

BNA_N

ClientSampleId :

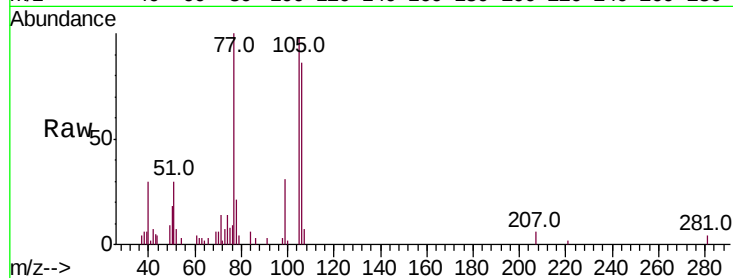
Tot Ion: 77 Resp: 29819

Ion Ratio Lower Upper

77 100

105 97.8 79.9 119.9

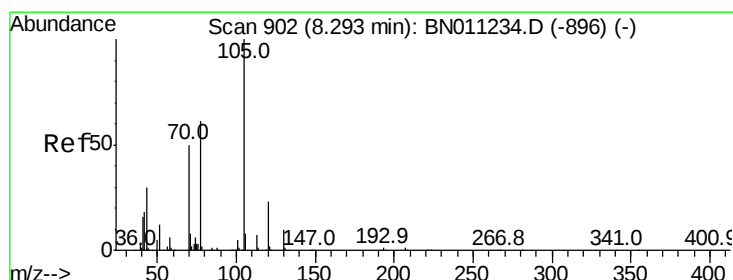
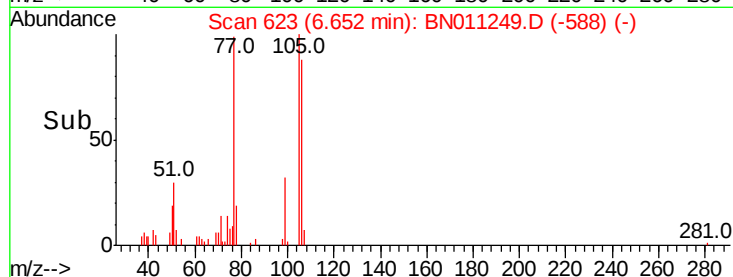
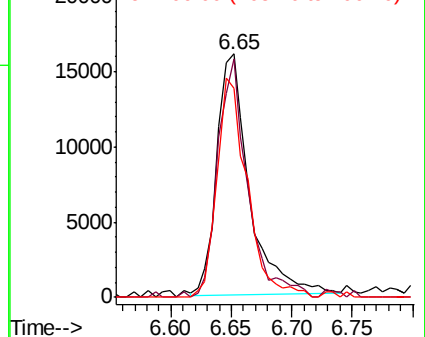
106 85.8 73.5 110.3



Abundance Ion 77.00 (76.70 to 77.70): BN011234.D (-616) (-)

Ion 105.00 (104.70 to 105.70): BN011234.D (-616) (-)

Ion 106.00 (105.70 to 106.70): BN011234.D (-616) (-)



#14

Acetophenone

Concen: 1.180 ng/ul

RT: 8.30 min Scan# 903

Delta R.T. 0.01 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

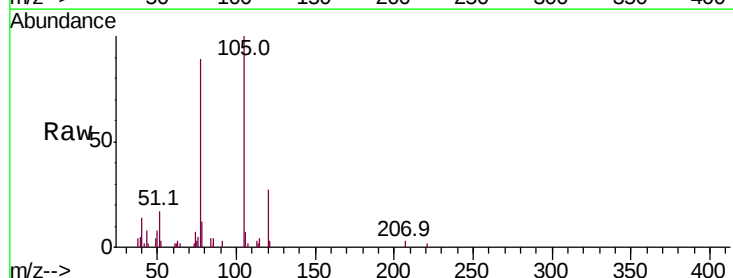
Tgt Ion: 105 Resp: 35798

Ion Ratio Lower Upper

105 100

77 89.4 62.6 94.0

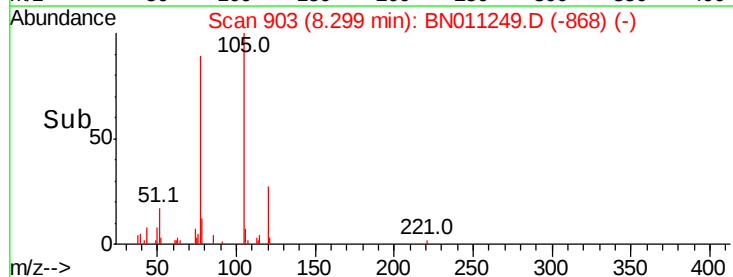
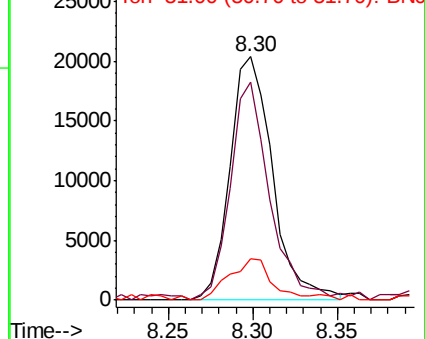
51 17.1 13.4 20.0

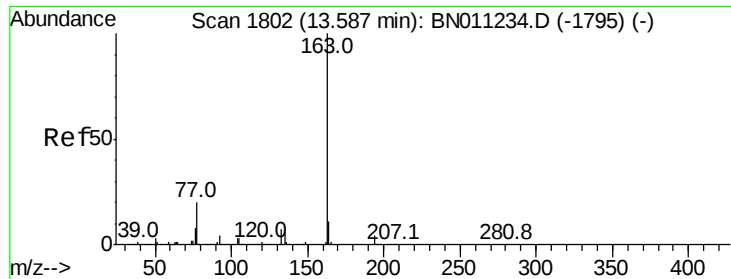


Abundance Ion 105.00 (104.70 to 105.70): BN011234.D (-896) (-)

Ion 77.00 (76.70 to 77.70): BN011234.D (-896) (-)

Ion 51.00 (50.70 to 51.70): BN011234.D (-896) (-)

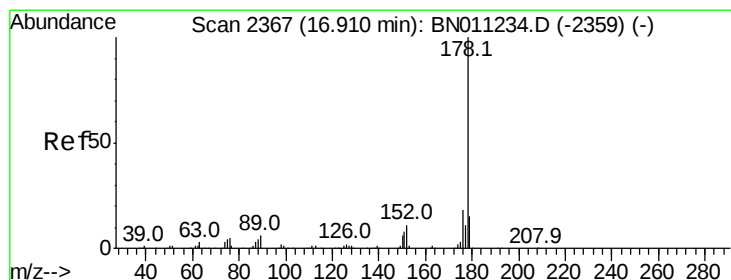
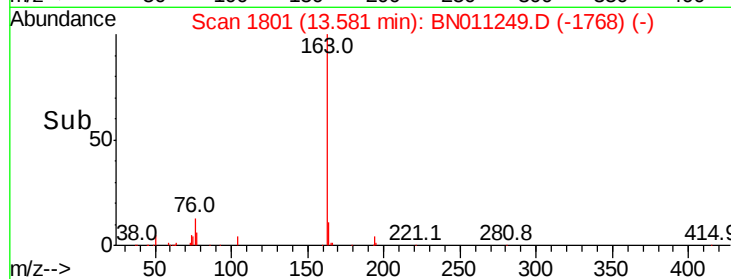
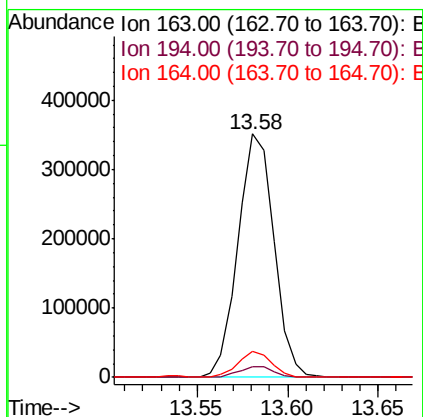
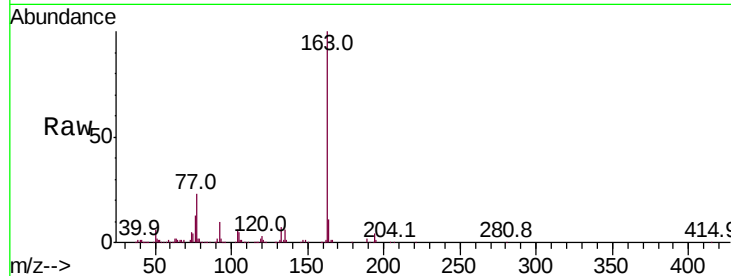




#45
Dimethylphthalate
Concen: 8.044 ng/ul
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN011249.D
Acq: 24 Jul 2020 19:17

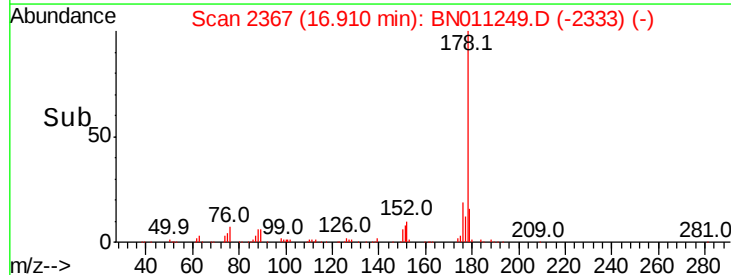
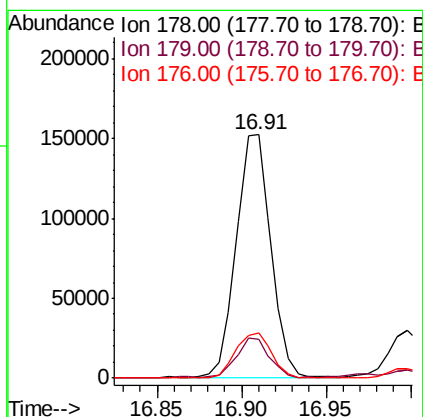
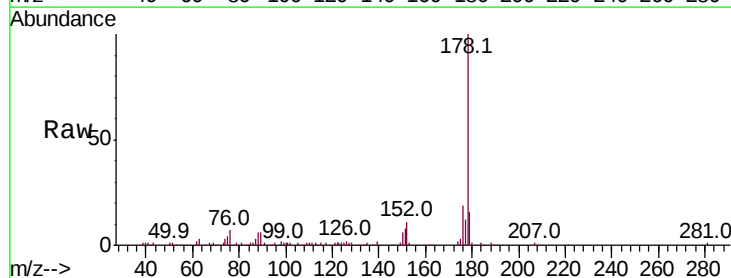
Instrument :
BNA_N
ClientSampleId :

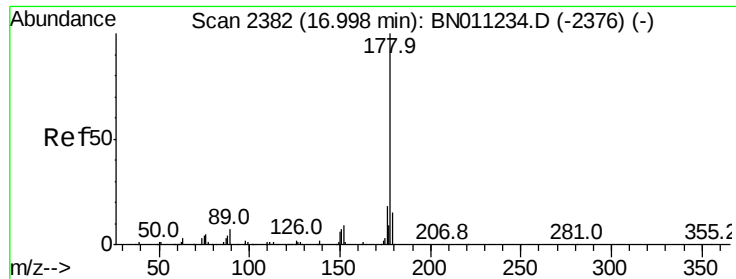
Tot Ion:163 Resp: 487134
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.6 7.8 11.8



#70
Phenanthrene
Concen: 2.253 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BN011249.D
Acq: 24 Jul 2020 19:17

Tgt Ion:178 Resp: 218283
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.7 15.8 23.8





#72

Anthracene

Concen: 2.216 ng/ul

RT: 16.91 min Scan# 2367

Delta R.T. -0.09 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

Instrument :

BNA_N

ClientSampleId :

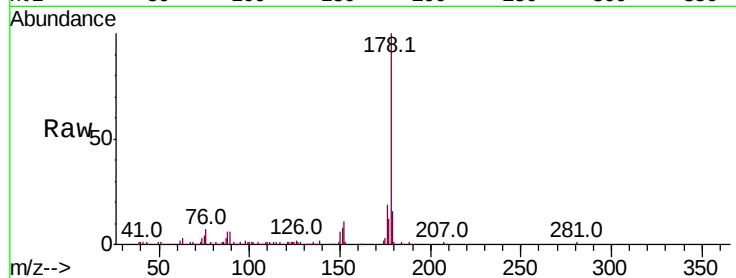
Tot Ion:178 Resp: 217971

Ion Ratio Lower Upper

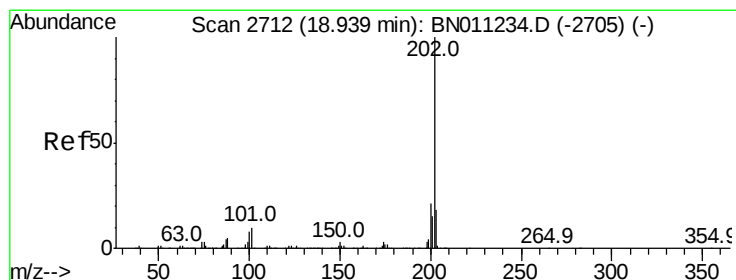
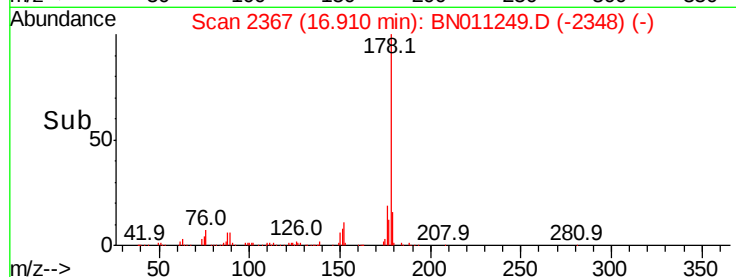
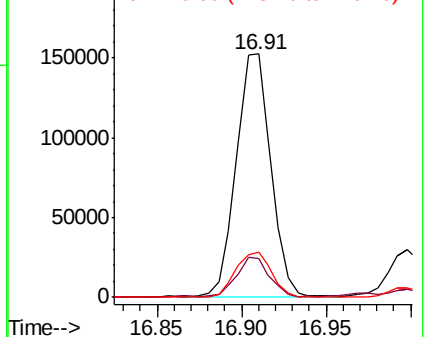
178 100

179 15.8 11.7 17.5

176 18.7 14.4 21.6



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



#77

Fluoranthene

Concen: 4.302 ng/ul

RT: 18.93 min Scan# 2711

Delta R.T. -0.01 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

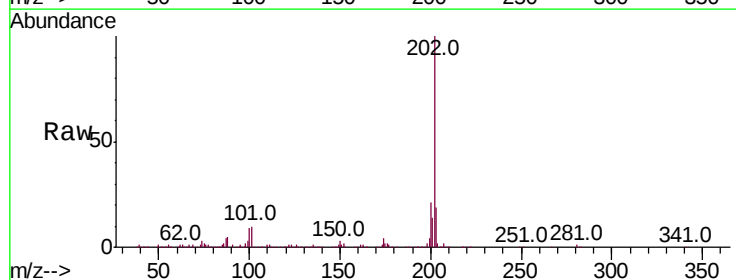
Tgt Ion:202 Resp: 469619

Ion Ratio Lower Upper

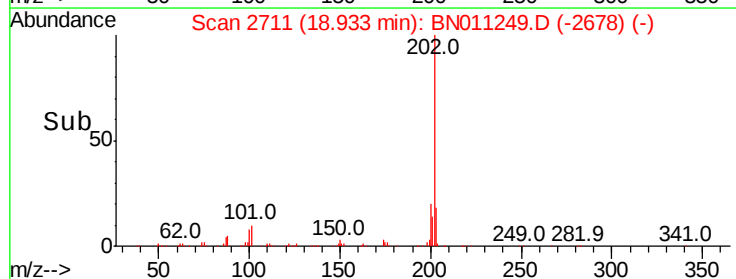
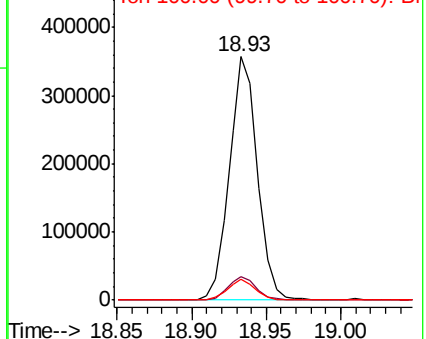
202 100

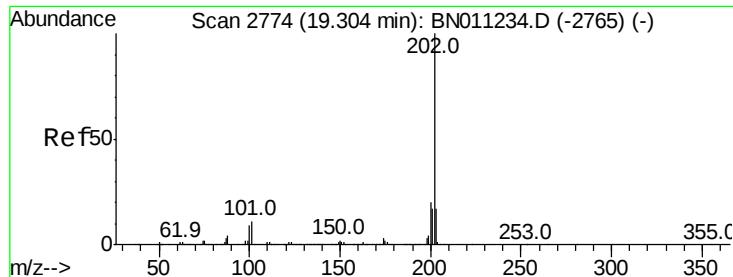
101 9.8 7.4 11.2

100 8.6 6.0 9.0



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

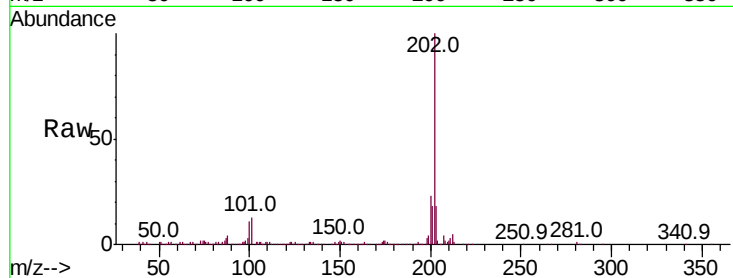




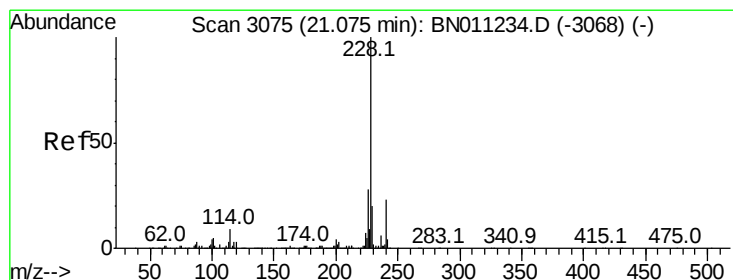
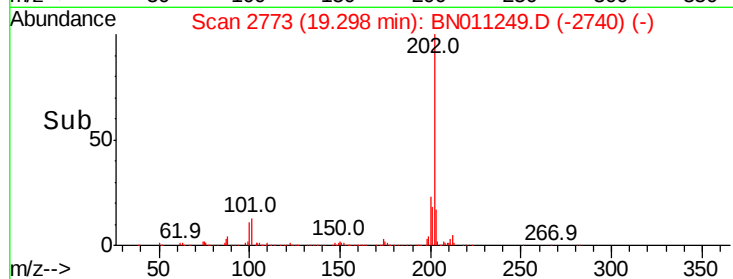
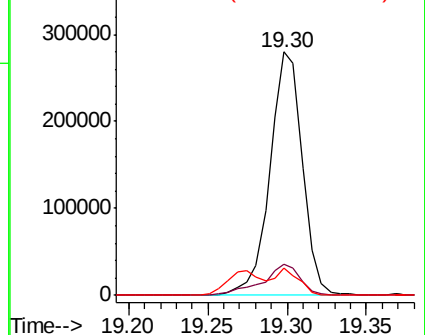
#80
Pvrene
Concen: 3.957 ng/ul
RT: 19.30 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BN011249.D
Acq: 24 Jul 2020 19:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.3	13.9
100	11.5	8.1	12.1

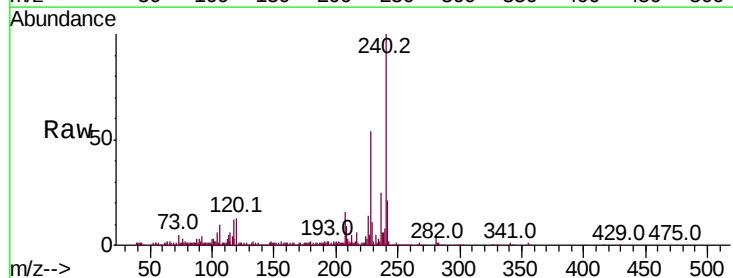


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

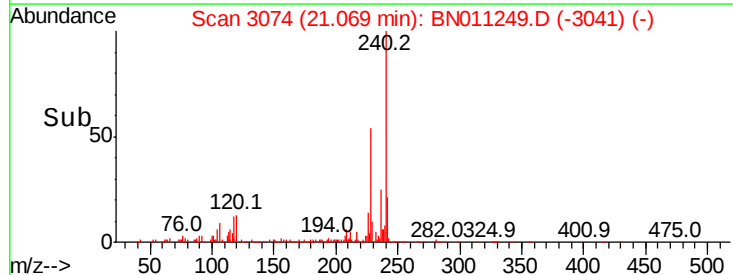
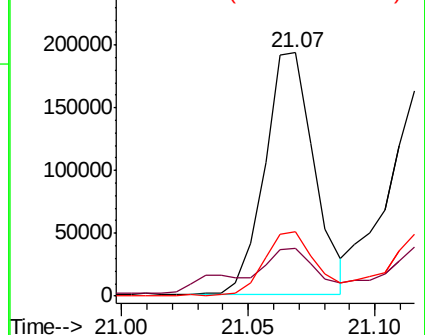


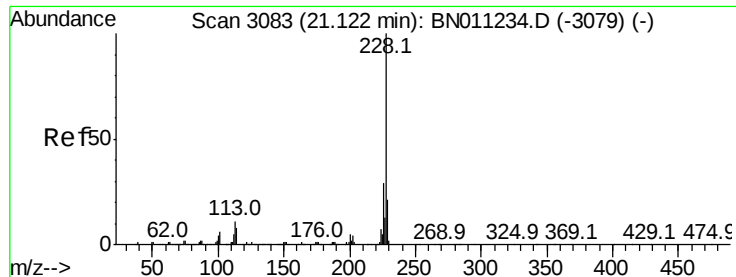
#83
Benzo(a)anthracene
Concen: 2.494 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN011249.D
Acq: 24 Jul 2020 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.2
226	26.4	20.3	30.5



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





#85

Chrysene

Concen: 2.601 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.05 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

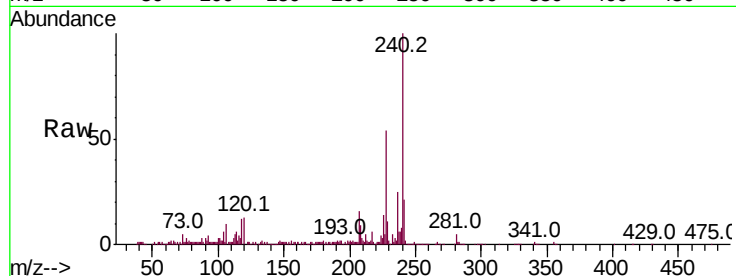
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 262819

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.0	34.4
229	19.7	15.8	23.6

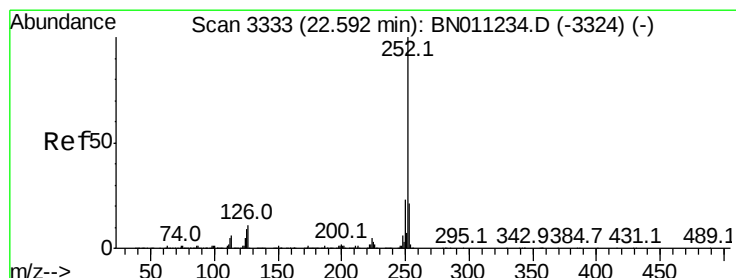
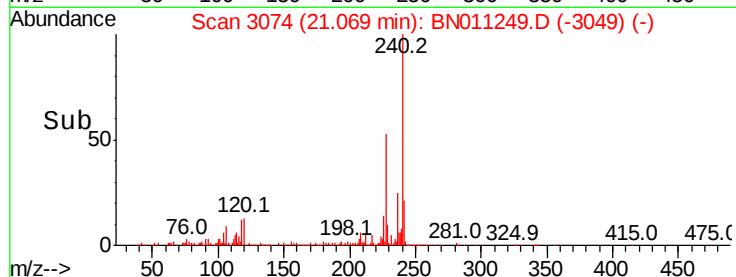
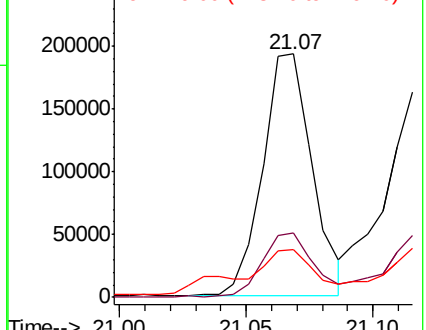


Abundance

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: 3.529 ng/ul

RT: 22.59 min Scan# 3332

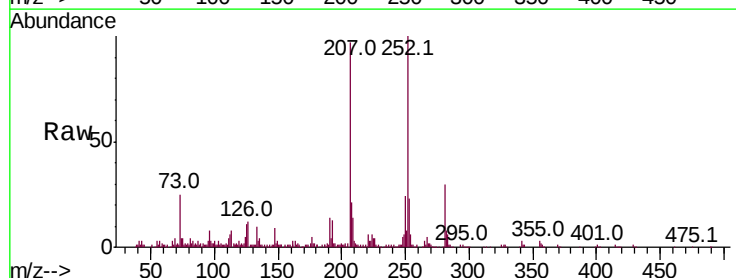
Delta R.T. -0.01 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

Tgt Ion:252 Resp: 295224

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.4	8.1	12.1

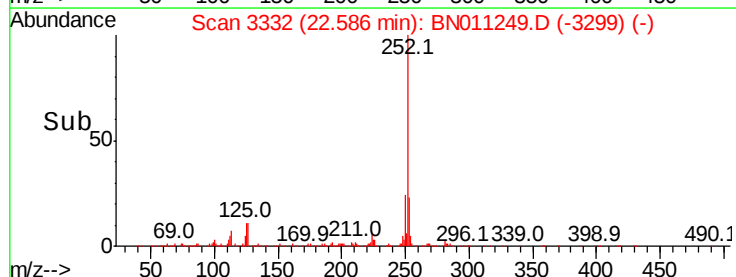
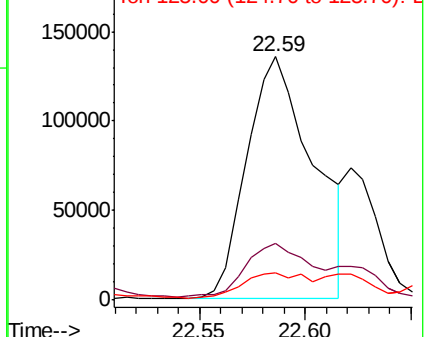


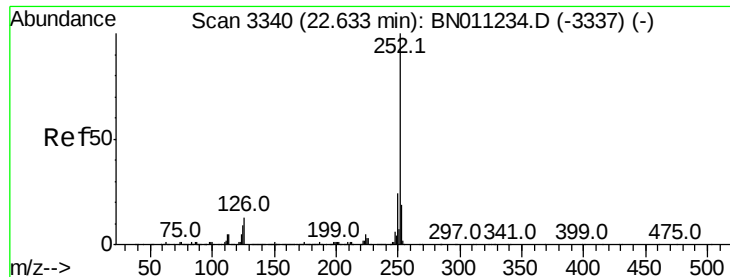
Abundance

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: 3.507 ng/ul

RT: 22.59 min Scan# 3332

Delta R.T. -0.05 min

Lab File: BN011249.D

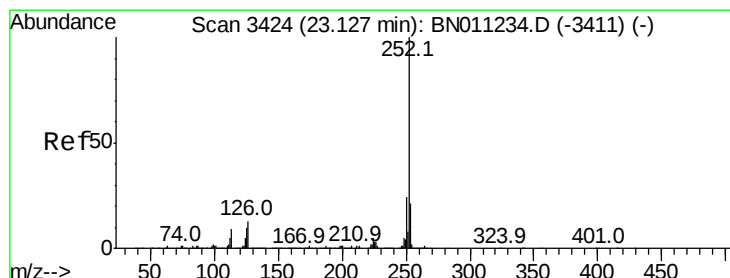
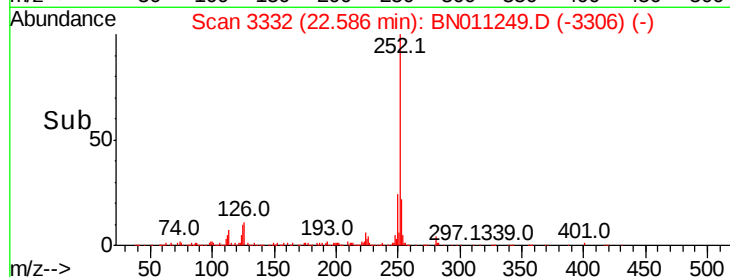
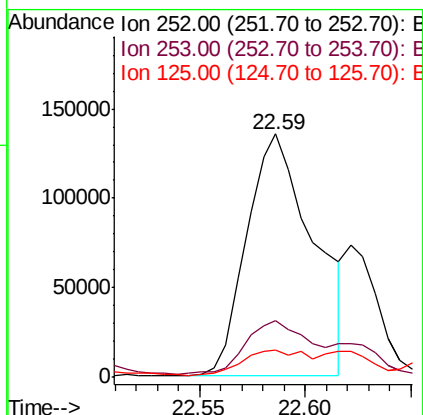
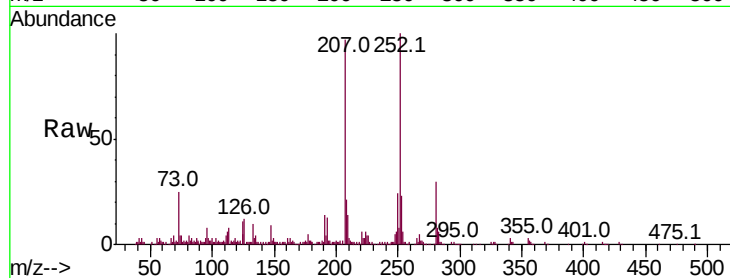
Acq: 24 Jul 2020 19:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	295224
Ion Ratio	Lower	Upper
252	100	
253	23.4	16.8 25.2
125	11.4	7.5 11.3#



#91

Benzo(a)pyrene

Concen: 2.234 ng/ul

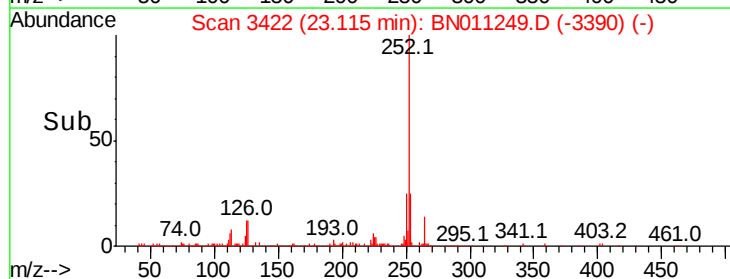
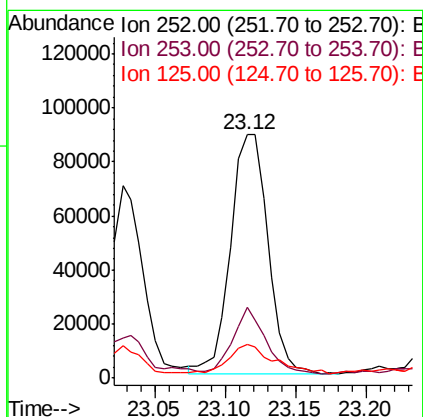
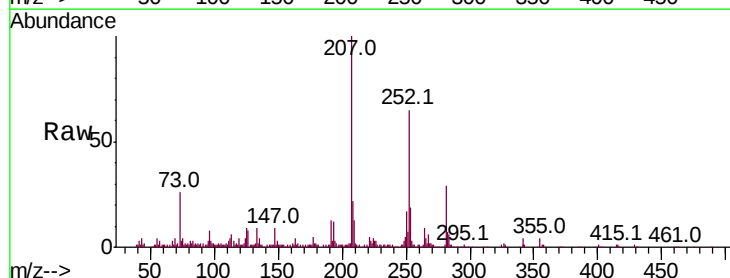
RT: 23.12 min Scan# 3422

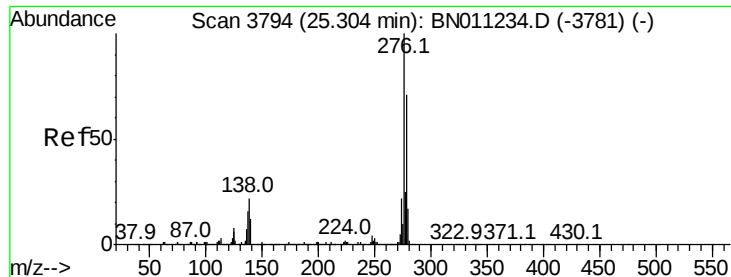
Delta R.T. -0.01 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

Tgt Ion:252	Resp:	164848
Ion Ratio	Lower	Upper
252	100	
253	28.9	17.6 26.4#
125	14.1	8.6 12.8#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.213 ng/ul

RT: 25.29 min Scan# 3791

Delta R.T. -0.02 min

Lab File: BN011249.D

Acq: 24 Jul 2020 19:17

Instrument :

BNA_N

ClientSampleId :

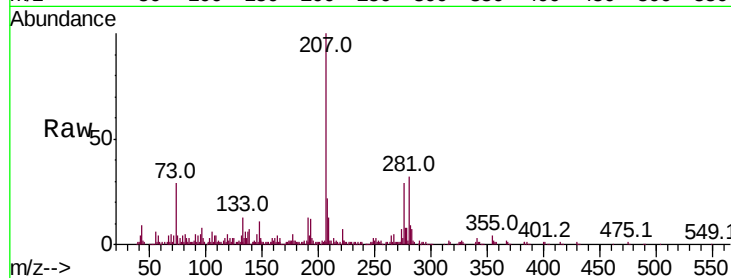
Tot Ion:276 Resp: 105896

Ion Ratio Lower Upper

276 100

138 24.6 19.5 29.3

277 25.7 18.0 27.0



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

