

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000654.D
 Acq On : 27 Mar 2018 19:20
 Operator : JU/SJ
 Sample : J2060-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 01:40:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	171333	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	776230	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	428857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	885929	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	747356	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	586283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	9540	1.99	ng/uL	0.00
5) Phenol-d5	7.55	99	186571	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	118747	12.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	141366	11.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	153083	12.30	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	70352	11.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	68763	10.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	127610	10.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	130784	10.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	431939	12.75	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	554667	12.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	44809	7.12	ng/ul	0.00
57) Fluorene-d10	16.01	176	366673	12.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	23589	4.65	ng/ul	0.00
70) Anthracene-d10	17.85	188	544871	12.80	ng/ul	0.00
76) Pyrene-d10	20.11	212	562895	13.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	360276	13.02	ng/ul	0.00

Target Compounds

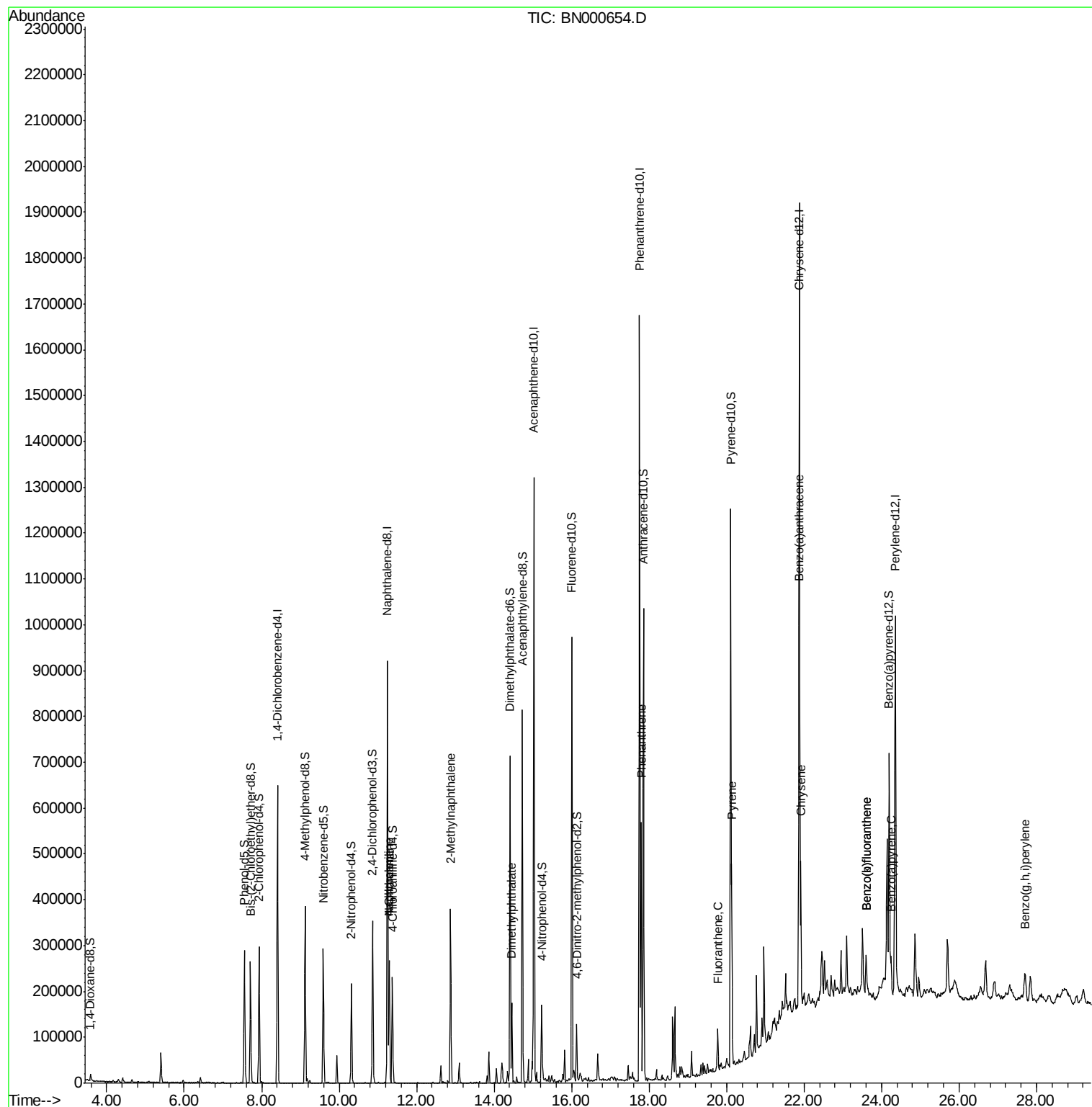
				Ovalue	
28) Naphthalene	11.30	128	221647	5.437	ng/ul 100
30) 4-Chloroaniline	11.30	127	29364	2.407	ng/ul# 11
34) 2-Methylnaphthalene	12.88	142	174748	6.421	ng/ul 98
44) Dimethylphthalate	14.46	163	97575	2.911	ng/ul# 98
69) Phenanthrene	17.80	178	316693	6.205	ng/ul 100
74) Fluoranthene	19.78	202	51651	1.018	ng/ul# 85
77) Pyrene	20.14	202	230629	4.225	ng/ul# 79
80) Benzo(a)anthracene	21.86	228	78771	1.582	ng/ul 98
82) Chrysene	21.92	228	179110	3.837	ng/ul 100
85) Benzo(b)fluoranthene	23.60	252	68027	1.836	ng/ul# 92
86) Benzo(k)fluoranthene	23.60	252	68027	1.902	ng/ul# 92
88) Benzo(a)pyrene	24.25	252	56276	1.614	ng/ul# 89
91) Benzo(g,h,i)perylene	27.70	276	67443	2.159	ng/ul# 85

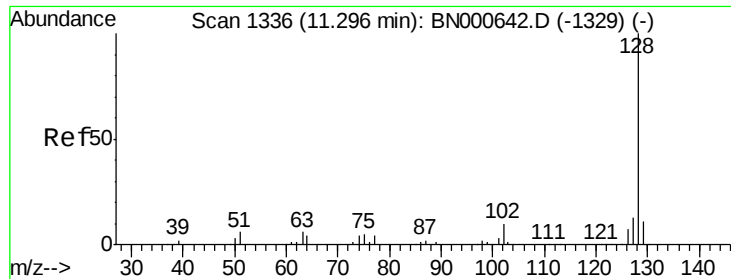
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_N
ClientSampled :

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Quant Title : SVOA CALIBRATION
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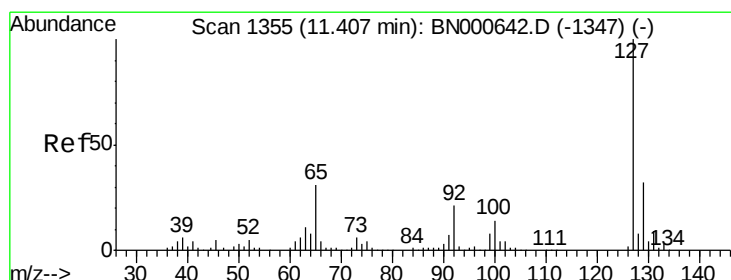
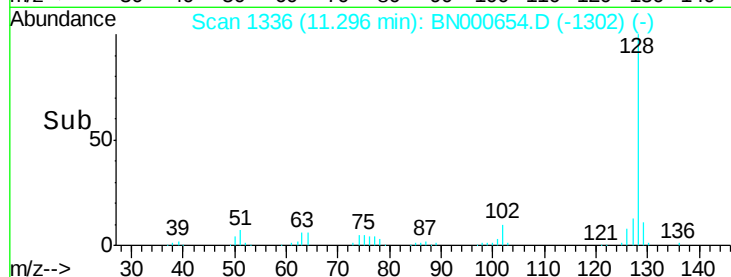
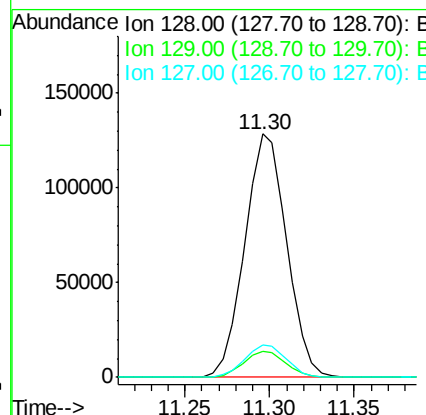
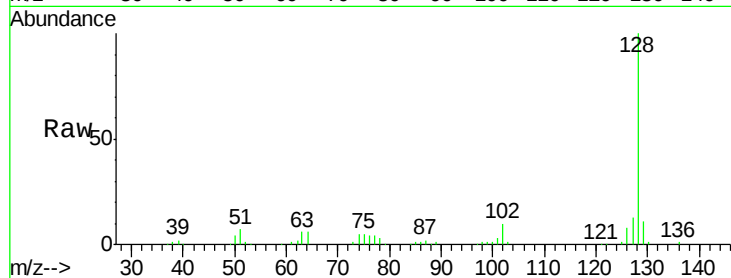




#28
Naphthalene
Concen: 5.437 ng/ul
RT: 11.30 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

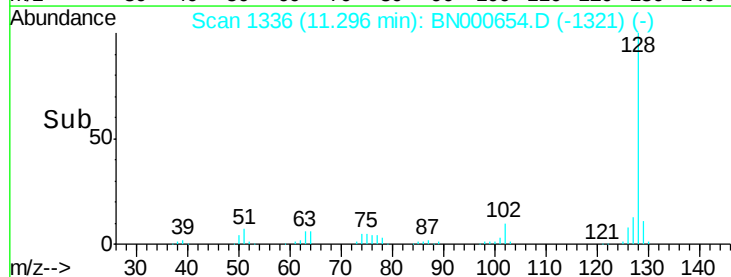
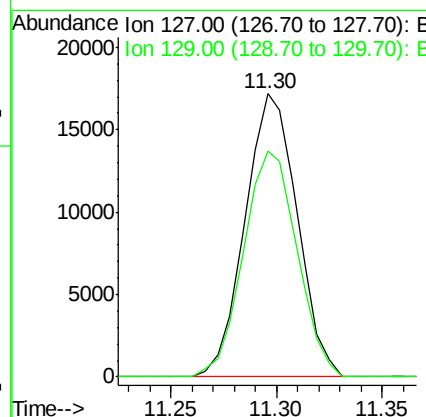
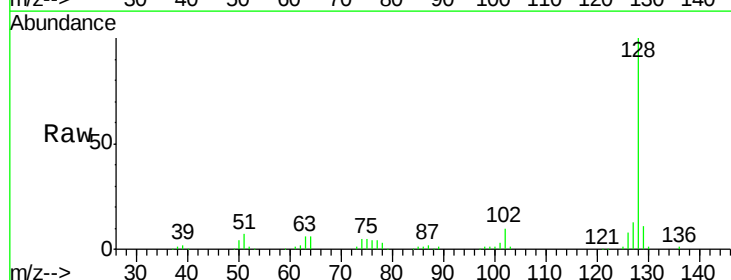
Instrument :
BNA_N
ClientSampleId :

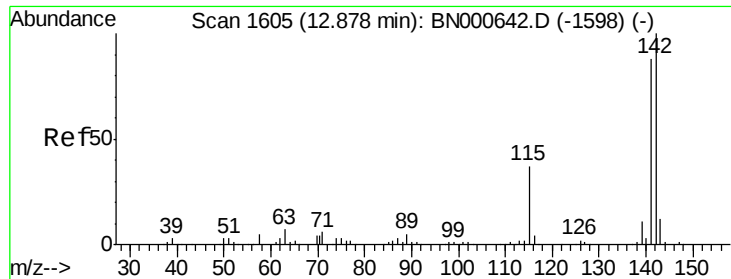
Tot Ion:128 Resp: 221647
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.4 10.8 16.2



#30
4-Chloroaniline
Concen: 2.407 ng/ul
RT: 11.30 min Scan# 1336
Delta R.T. -0.11 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:127 Resp: 29364
Ion Ratio Lower Upper
127 100
129 79.7 24.6 37.0#

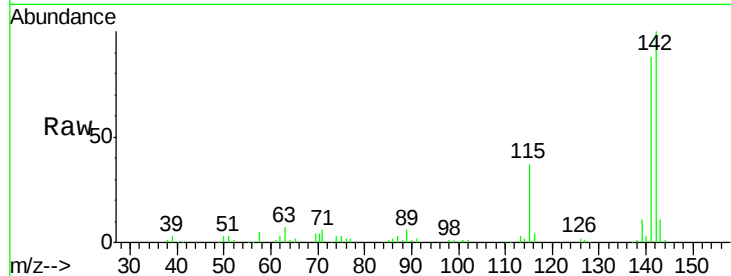




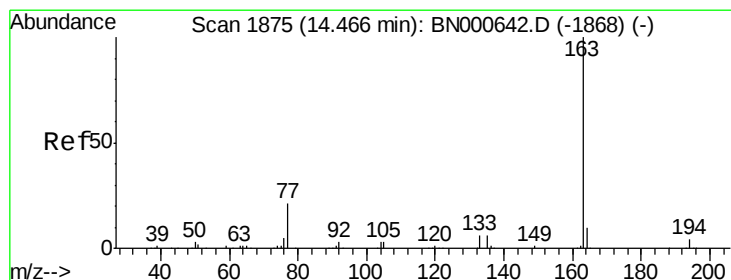
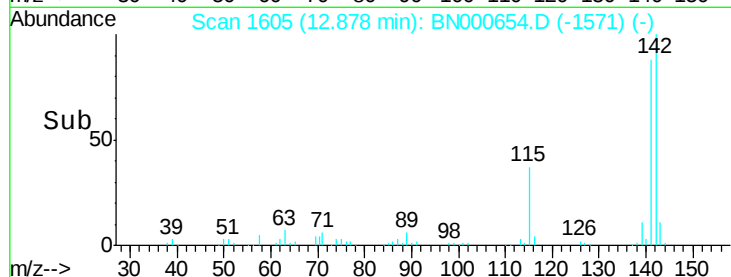
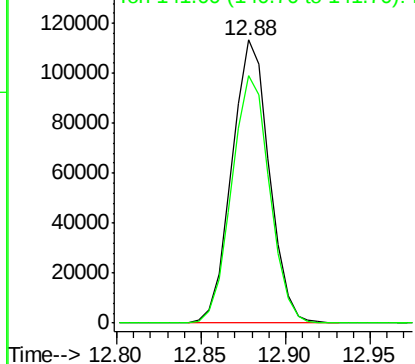
#34
 2-Methylnaphthalene
 Concen: 6.421 ng/ul
 RT: 12.88 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BN000654.D
 Acq: 27 Mar 2018 19:20

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 174748
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.4 107.2

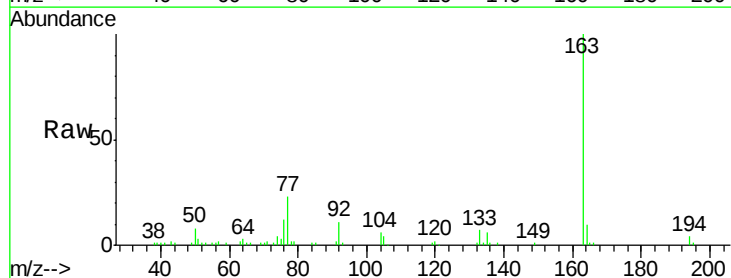


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

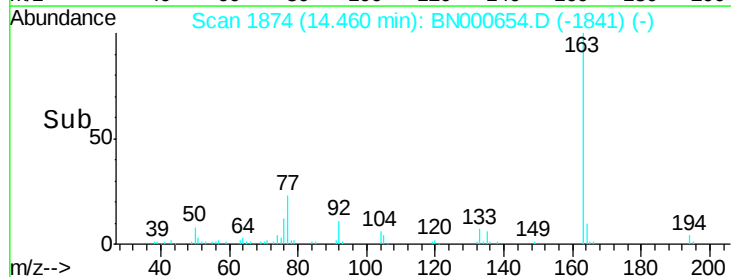
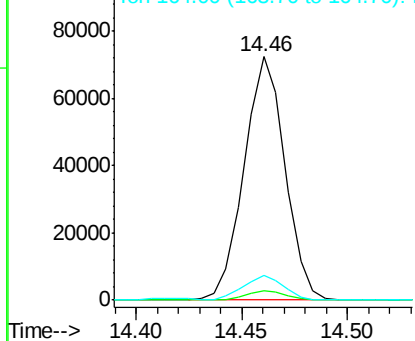


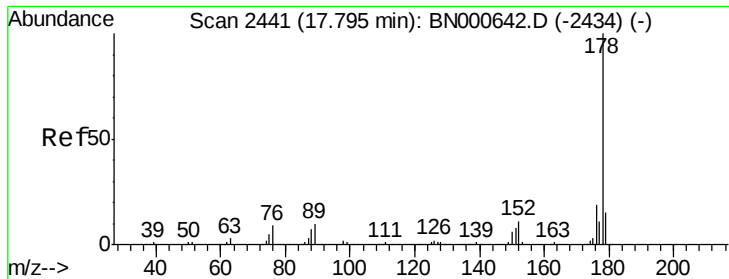
#44
 Dimethylphthalate
 Concen: 2.911 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000654.D
 Acq: 27 Mar 2018 19:20

Tgt Ion:163 Resp: 97575
 Ion Ratio Lower Upper
 163 100
 194 3.9 4.0 6.0#
 164 10.1 8.4 12.6



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





#69

Phenanthrene

Concen: 6.205 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000654.D

Acq: 27 Mar 2018 19:20

Instrument :

BNA_N

ClientSampleId :

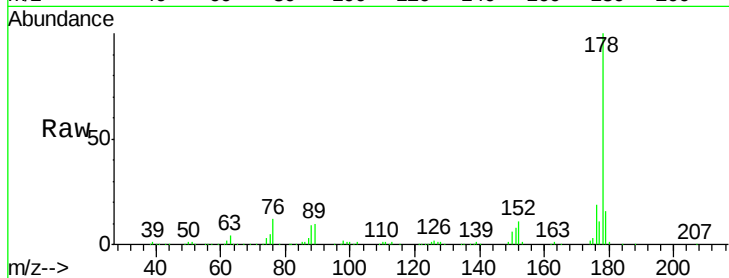
Tot Ion:178 Resp: 316693

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

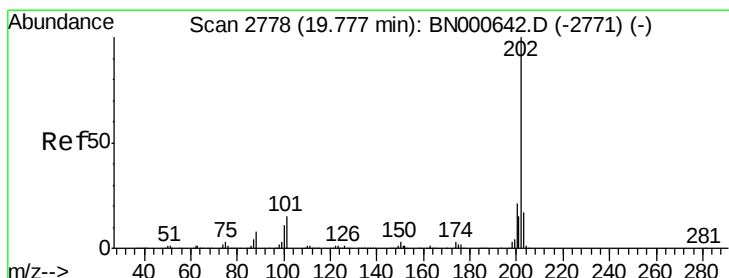
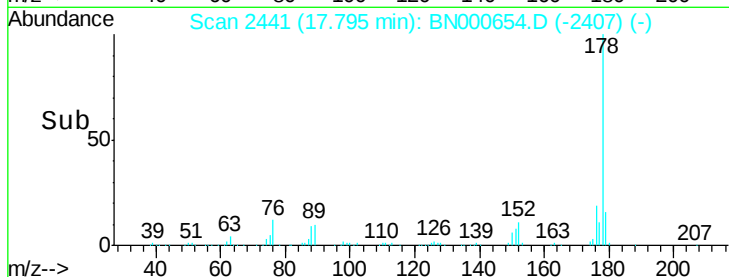
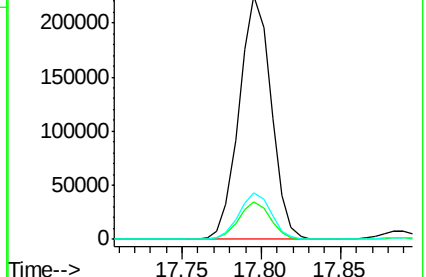
176 19.1 15.4 23.0



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



#74

Fluoranthene

Concen: 1.018 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000654.D

Acq: 27 Mar 2018 19:20

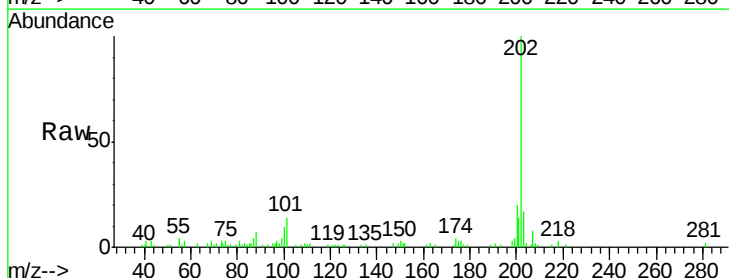
Tgt Ion:202 Resp: 51651

Ion Ratio Lower Upper

202 100

101 13.7 6.1 9.1#

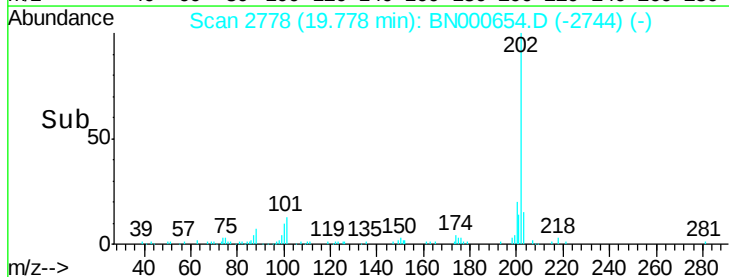
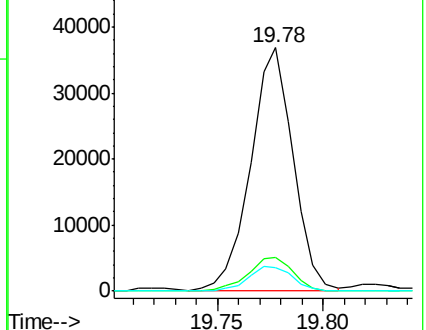
100 9.6 4.6 7.0#

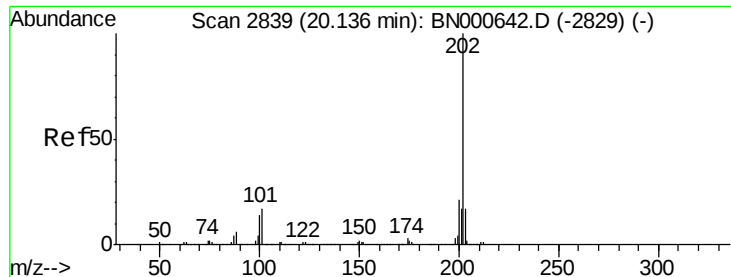


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

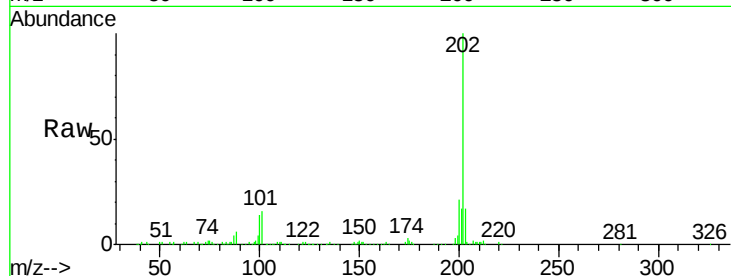




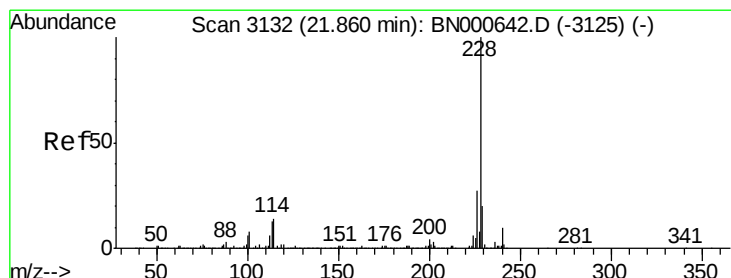
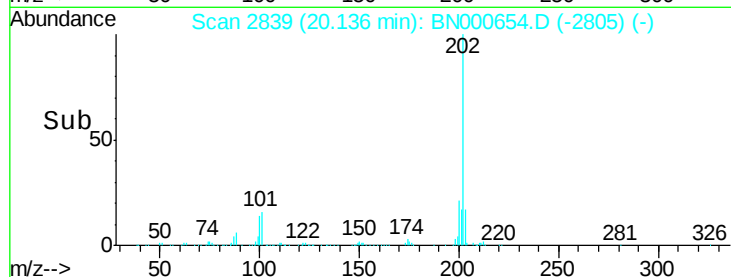
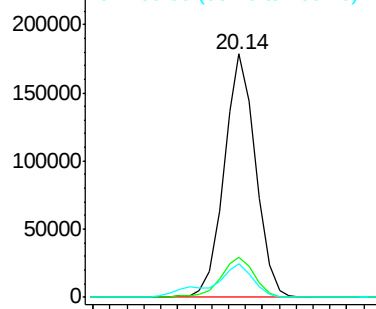
#77
 Pvrene
 Concen: 4.225 ng/ul
 RT: 20.14 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BN000654.D
 Acq: 27 Mar 2018 19:20

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	6.9	10.3#
100	13.8	5.6	8.4#

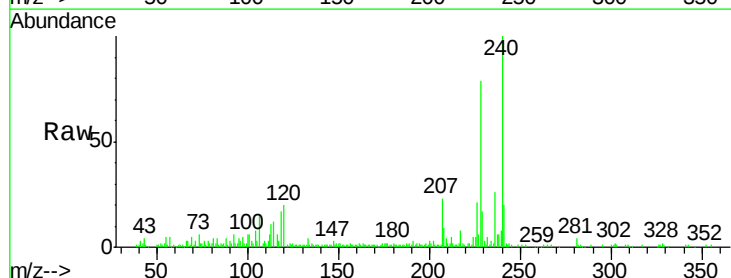


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

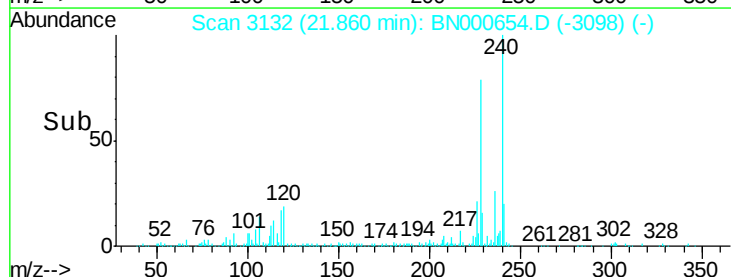
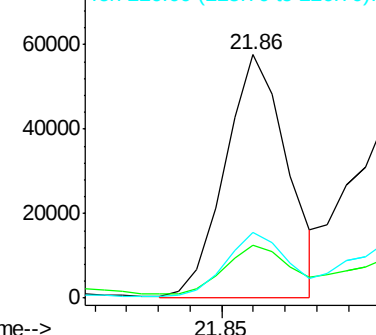


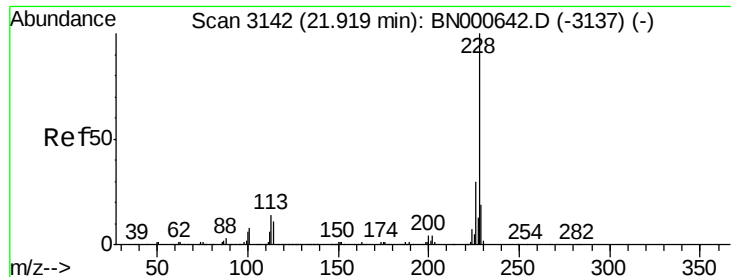
#80
 Benzo(a)anthracene
 Concen: 1.582 ng/ul
 RT: 21.86 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BN000654.D
 Acq: 27 Mar 2018 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	26.8	21.8	32.8



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

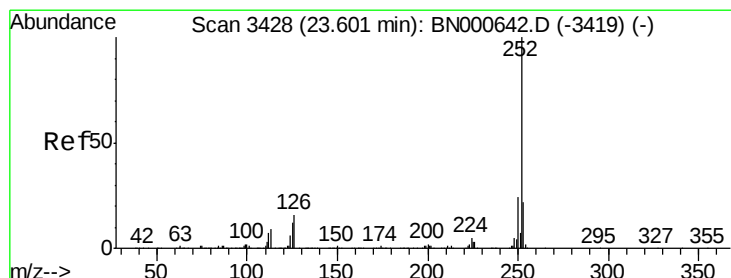
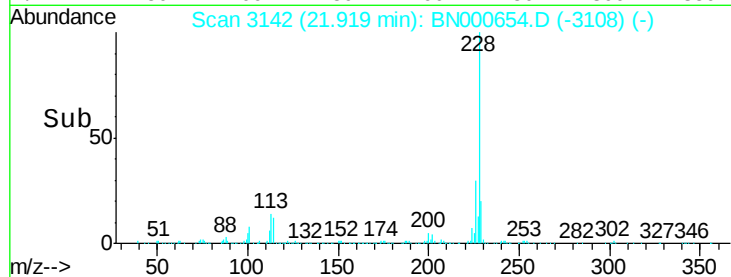
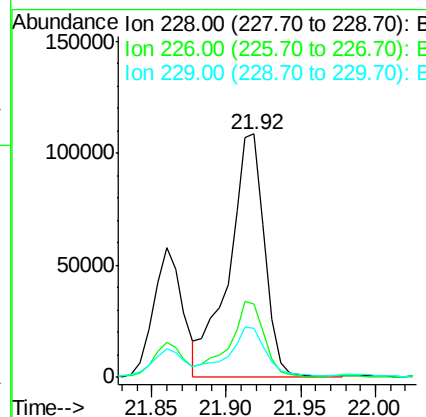
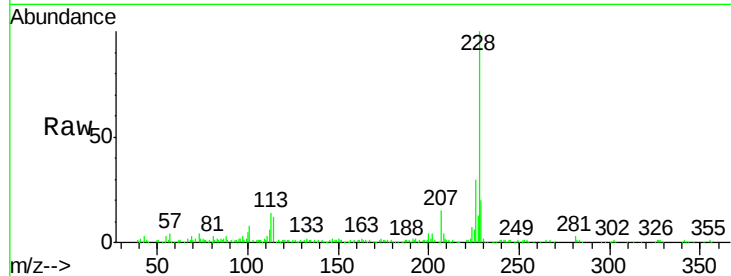




#82
Chrysene
Concen: 3.837 ng/ul
RT: 21.92 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

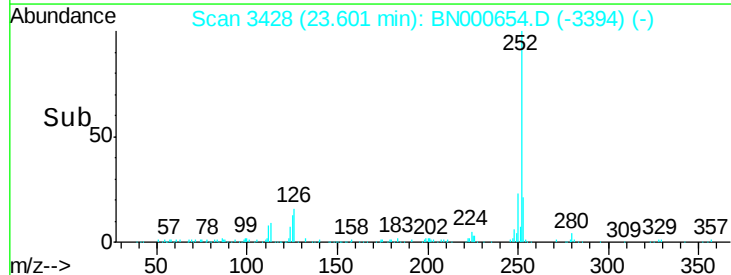
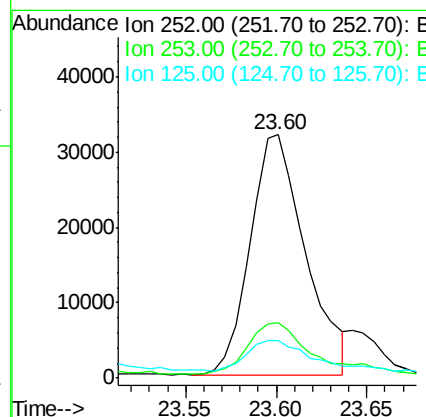
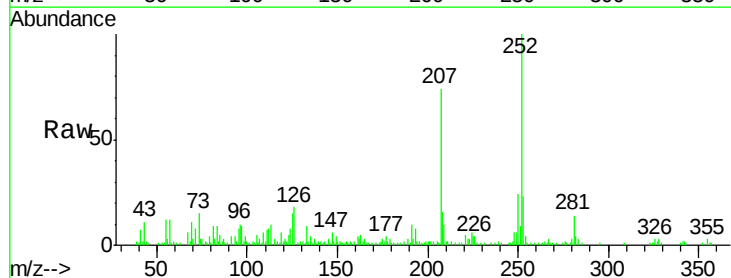
Instrument :
BNA_N
ClientSampleId :

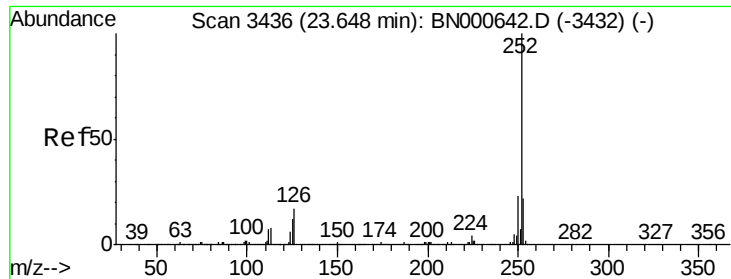
Tot Ion:228 Resp: 179110
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 20.4 16.0 24.0



#85
Benzo(b)fluoranthene
Concen: 1.836 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:252 Resp: 68027
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 15.3 4.9 7.3#

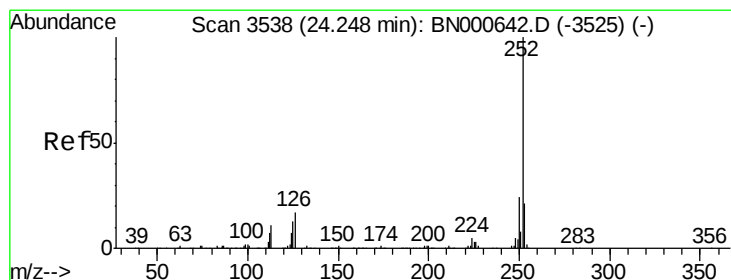
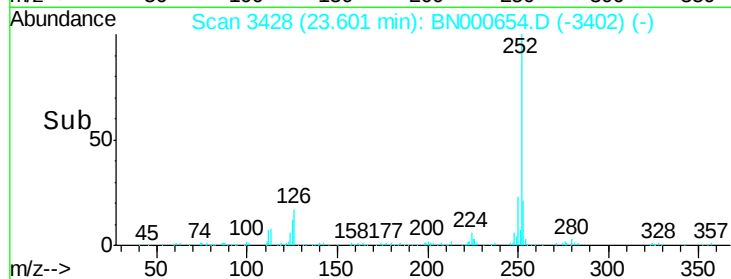
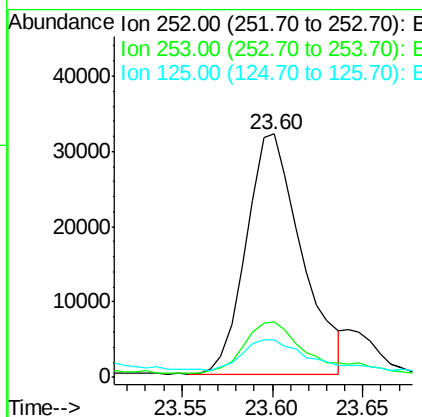
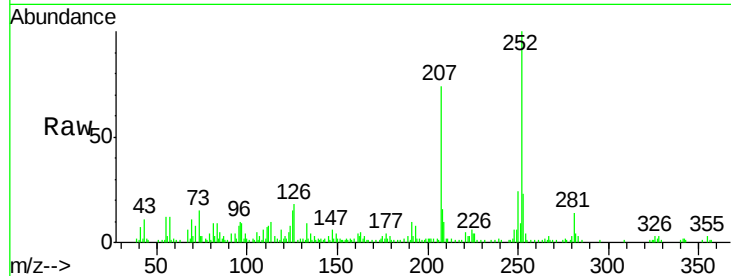




#86
Benzo(k)fluoranthene
Concen: 1.902 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

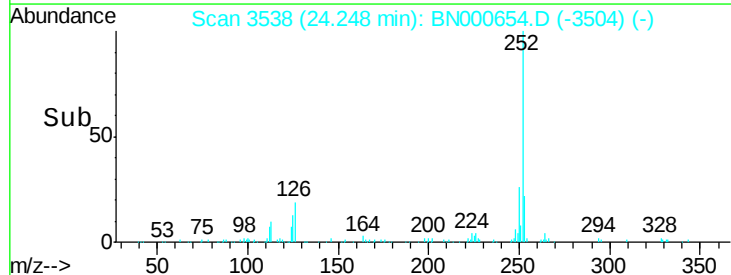
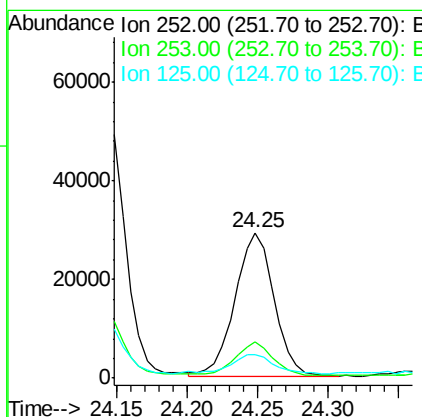
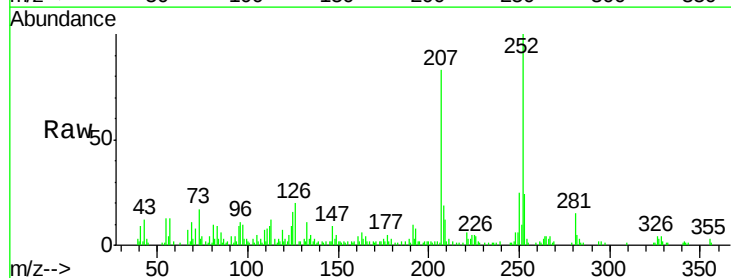
Instrument :
BNA_N
ClientSampleId :

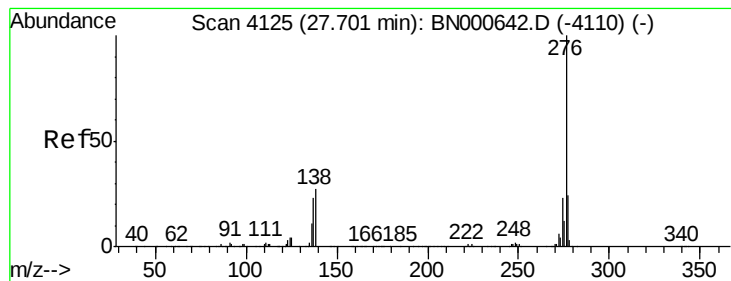
Tot Ion:252 Resp: 68027
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 15.3 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 1.614 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BN000654.D
Acq: 27 Mar 2018 19:20

Tgt Ion:252 Resp: 56276
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 16.0 5.8 8.6#





#91

Benzo(a,h,i)perylene

Concen: 2.159 ng/ul

RT: 27.70 min Scan# 4125

Delta R.T. 0.00 min

Lab File: BN000654.D

Acq: 27 Mar 2018 19:20

Instrument :

BNA_N

ClientSampleId :

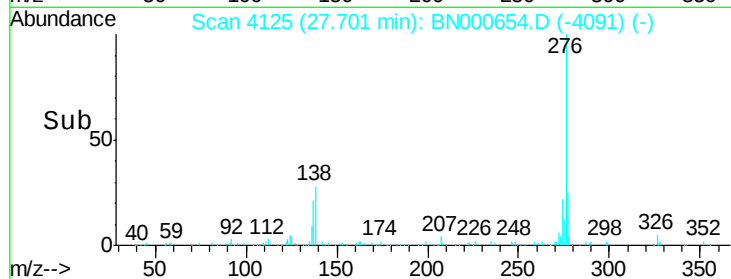
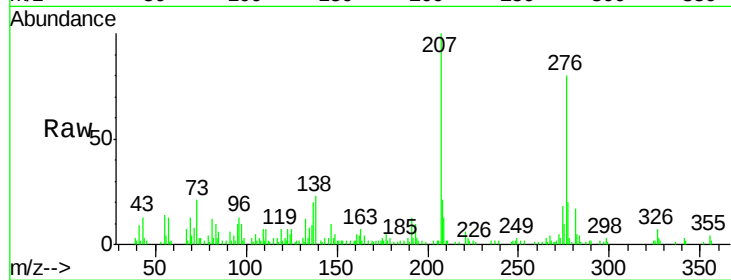
Tot Ion: 276 Resp: 67443

Ion Ratio Lower Upper

276 100

138 28.4 11.2 16.8#

277 24.9 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

