

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001983.D
 Acq On : 06 Jul 2018 11:06
 Operator : JU/SJ
 Sample : J3765-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 06 23:07:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	491961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2317834	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1386222	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3090155	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2675838	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2262357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	52691	4.65	ng/uL	0.00
5) Phenol-d5	6.88	99	1255102	28.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	768189	27.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	974199	27.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	999759	28.03	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	501381	29.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	557416	31.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1041794	27.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1259616	31.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3305814	28.24	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4066456	28.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	531983	24.67	ng/ul	0.00
57) Fluorene-d10	15.33	176	2886280	28.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	458264	27.23	ng/ul	0.00
70) Anthracene-d10	17.18	188	4340797	29.07	ng/ul	0.00
76) Pyrene-d10	19.48	212	4683024	34.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3700209	30.08	ng/ul	0.00

Target Compounds

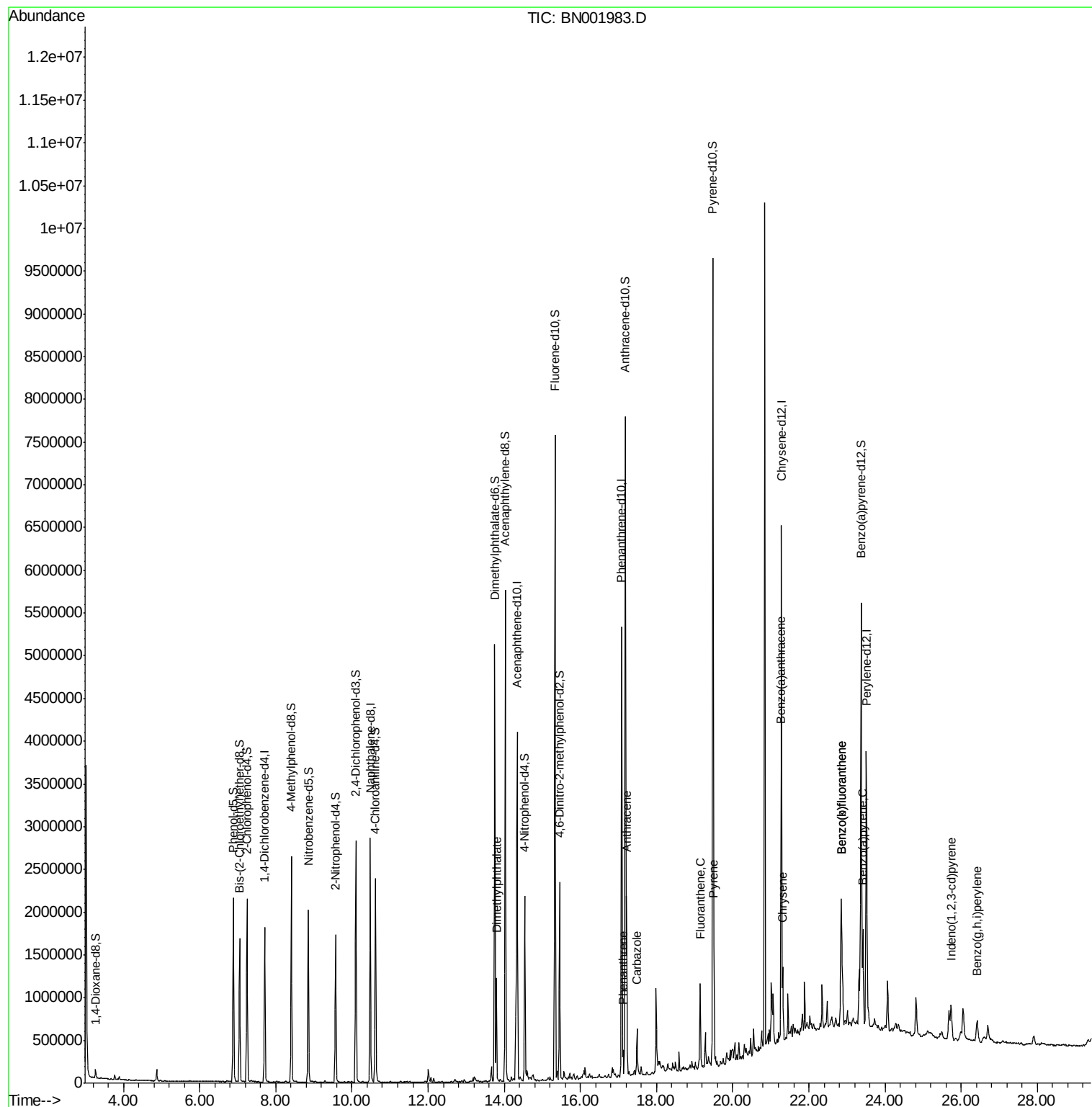
				Ovalue	
44) Dimethylphthalate	13.80	163	763832	6.639	ng/ul# 98
69) Phenanthrene	17.12	178	176623	1.015	ng/ul 98
71) Anthracene	17.22	178	1225919	6.957	ng/ul 98
72) Carbazole	17.49	167	338178	2.291	ng/ul 99
74) Fluoranthene	19.14	202	560150	3.061	ng/ul# 89
77) Pyrene	19.51	202	713967	4.264	ng/ul# 87
80) Benzo(a)anthracene	21.26	228	389758	2.305	ng/ul 95
82) Chrysene	21.32	228	591492	3.759	ng/ul 98
85) Benzo(b)fluoranthene	22.84	252	1151293	8.057	ng/ul# 94
86) Benzo(k)fluoranthene	22.84	252	1151293	8.309	ng/ul# 94
88) Benzo(a)pyrene	23.42	252	465973	3.490	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.73	276	374635	2.637	ng/ul# 89
91) Benzo(g,h,i)perylene	26.42	276	291144	2.484	ng/ul# 91

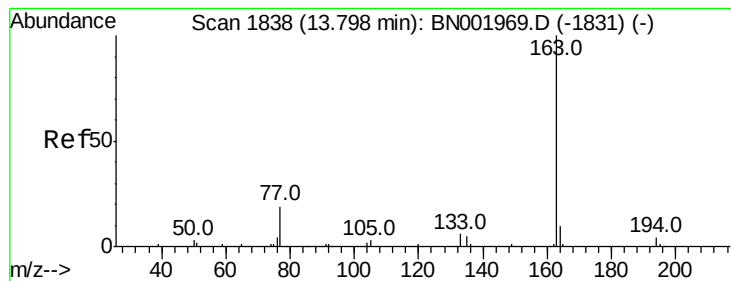
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 04 00:59:54 2018
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#44

Dimethylphthalate

Concen: 6.639 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

Instrument :

BNA_N

ClientSampleId :

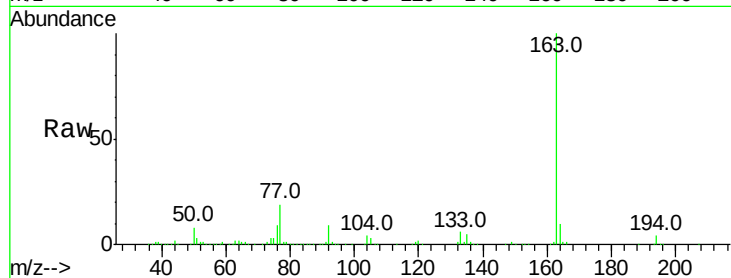
Tot Ion:163 Resp: 763832

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

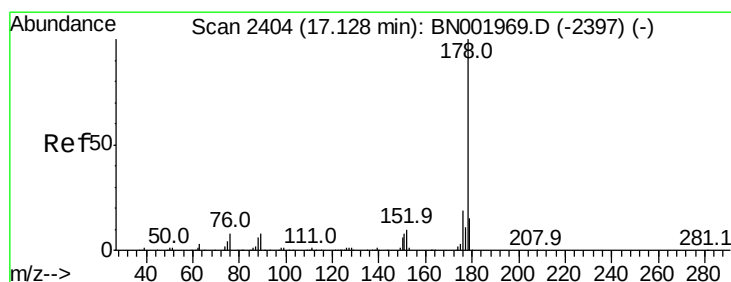
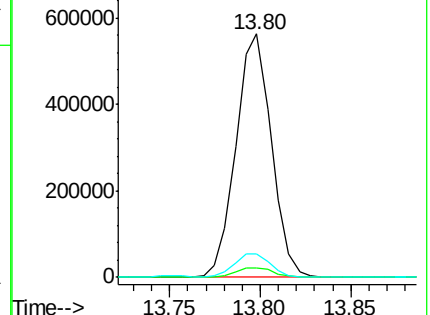
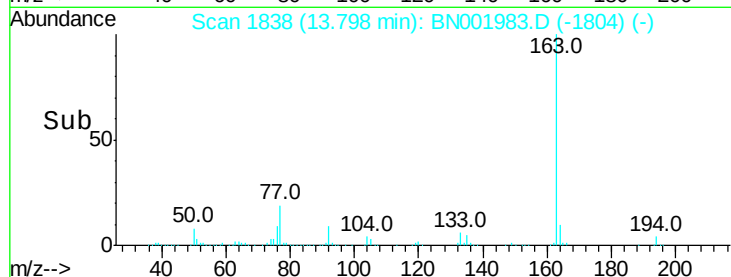
164 9.7 8.4 12.6



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: 1.015 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

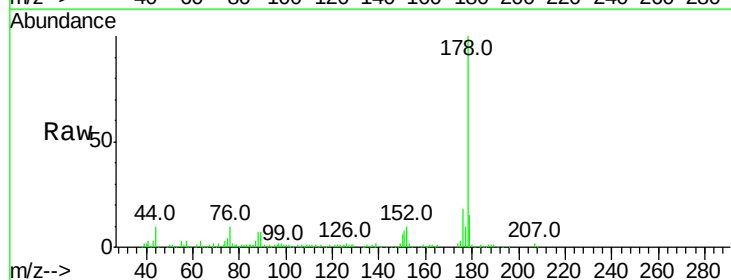
Tgt Ion:178 Resp: 176623

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

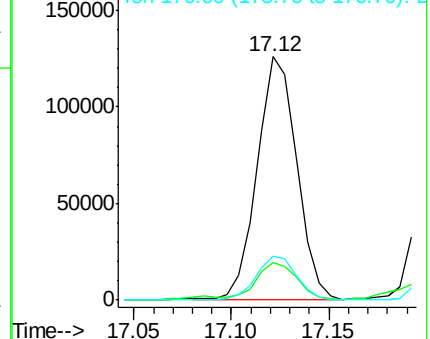
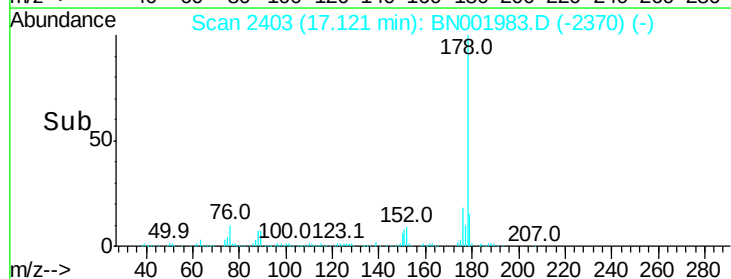
176 18.1 15.4 23.0

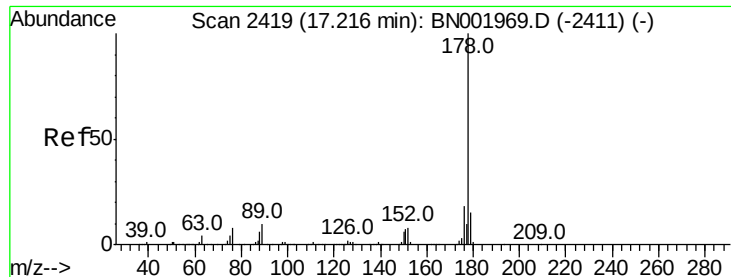


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



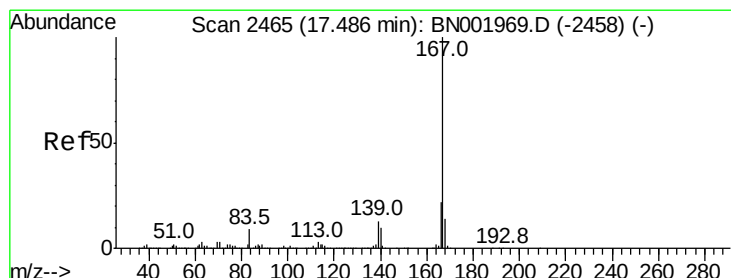
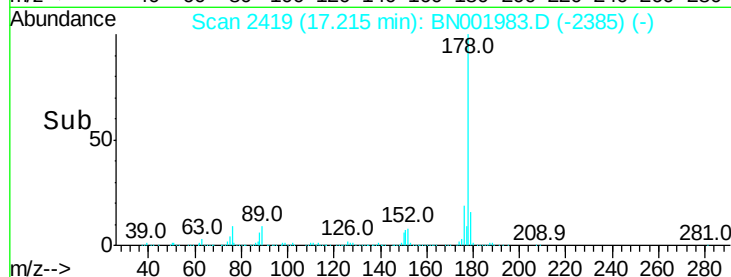
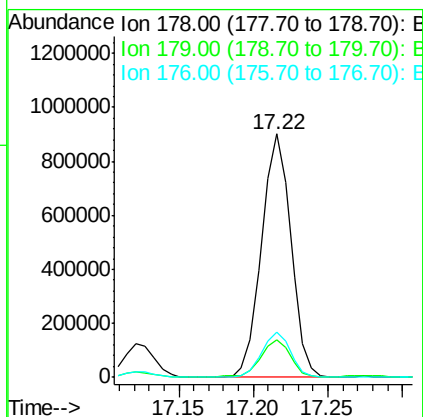
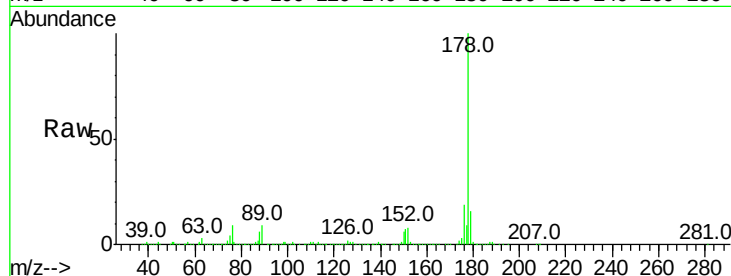


#71
 Anthracene
 Concen: 6.957 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BN001983.D
 Acq: 06 Jul 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 1225919

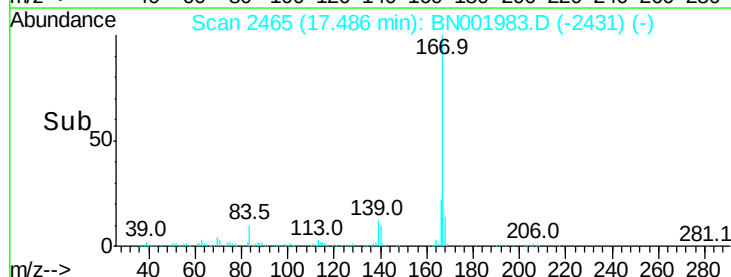
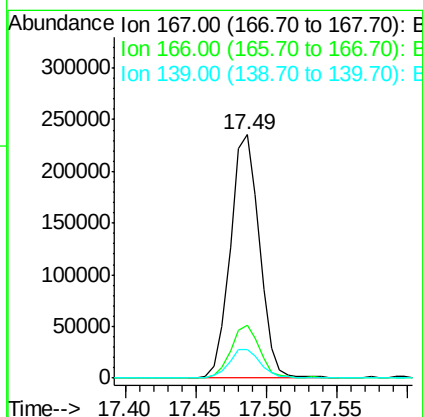
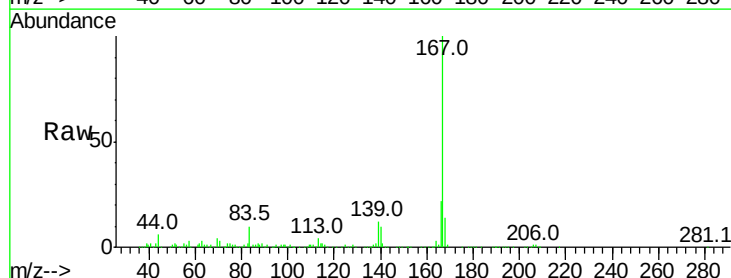
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.7	15.4	23.0

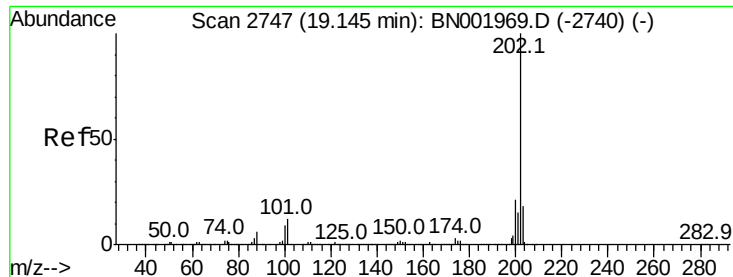


#72
 Carbazole
 Concen: 2.291 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BN001983.D
 Acq: 06 Jul 2018 11:06

Tgt Ion:167 Resp: 338178

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.0	9.1	13.7





#74

Fluoranthene

Concen: 3.061 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BN001983.D

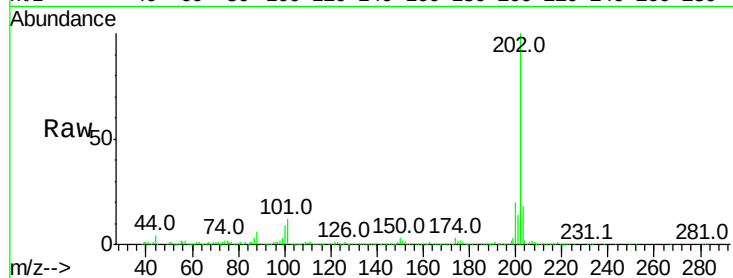
Acq: 06 Jul 2018 11:06

Instrument :

BNA_N

ClientSampleId :

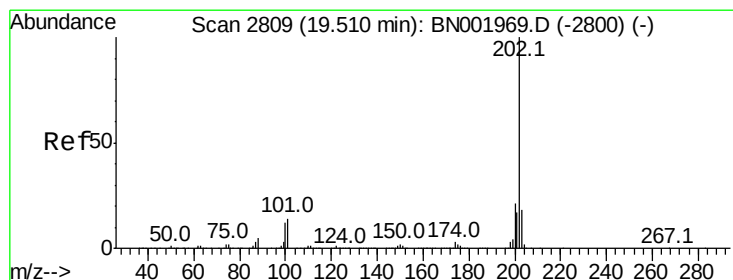
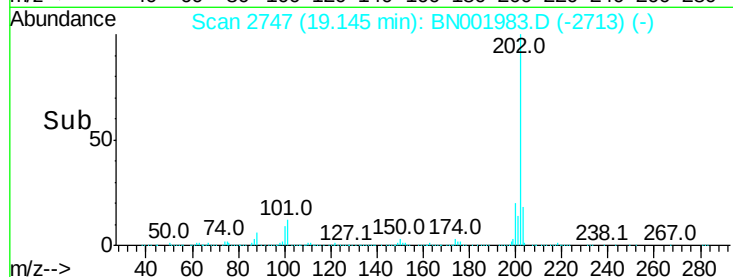
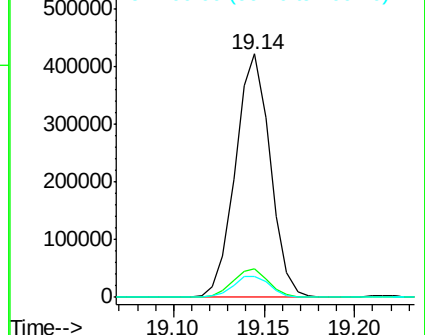
Tot Ion:	202	Resp:	560150
Ion Ratio	Lower	Upper	
202	100		
101	11.9	6.1	9.1#
100	8.7	4.6	7.0#



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

Pyrene

Concen: 4.264 ng/ul

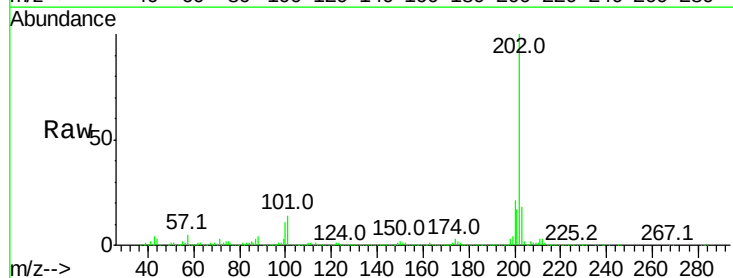
RT: 19.51 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

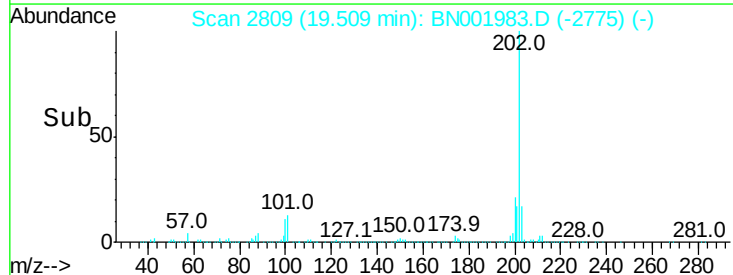
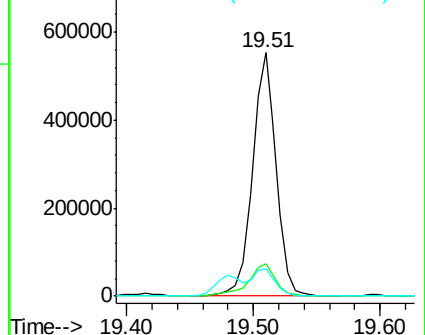
Tgt Ion:	202	Resp:	713967
Ion Ratio	Lower	Upper	
202	100		
101	13.6	6.9	10.3#
100	11.2	5.6	8.4#

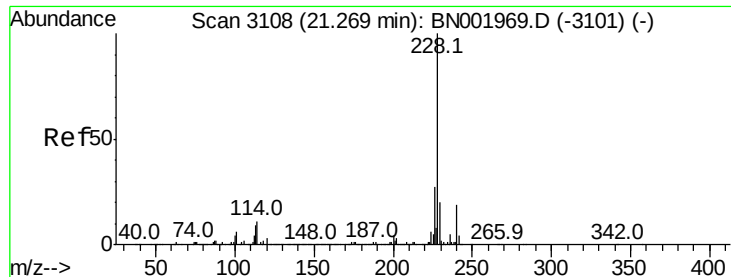


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

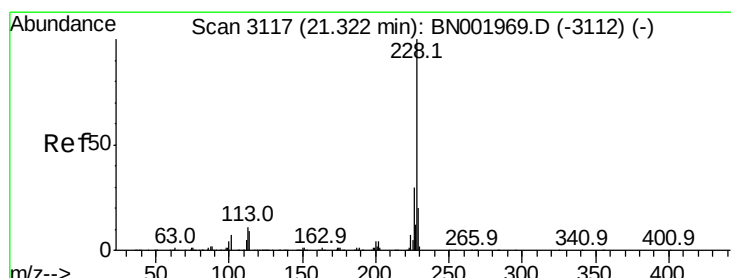
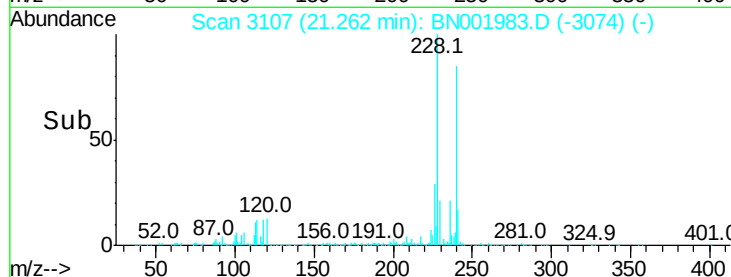
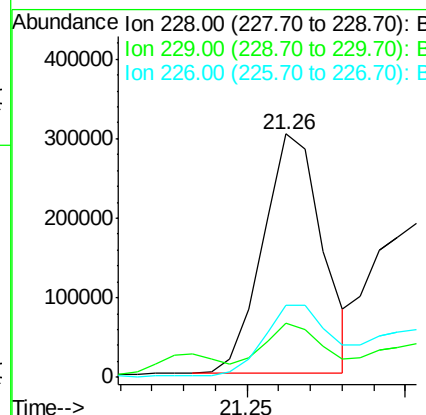
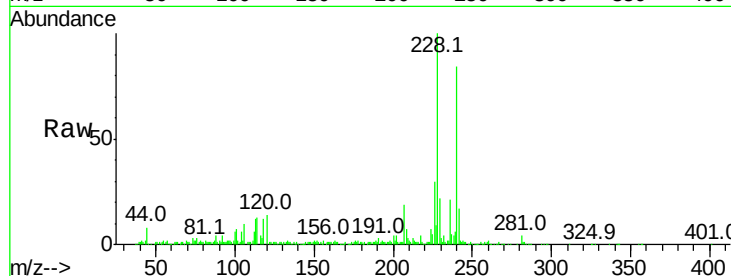




#80
Benzo(a)anthracene
Concen: 2.305 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001983.D
Acq: 06 Jul 2018 11:06

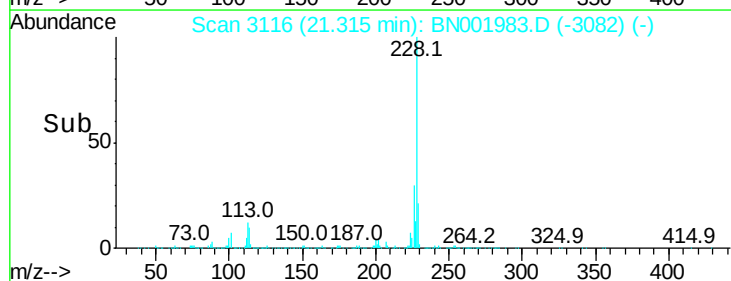
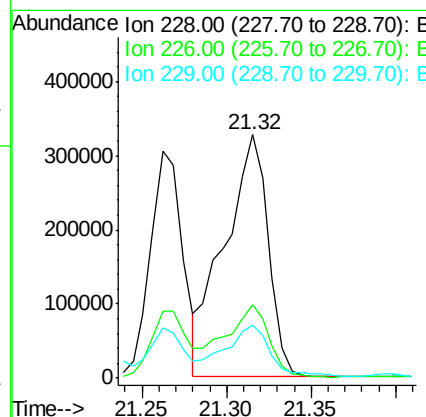
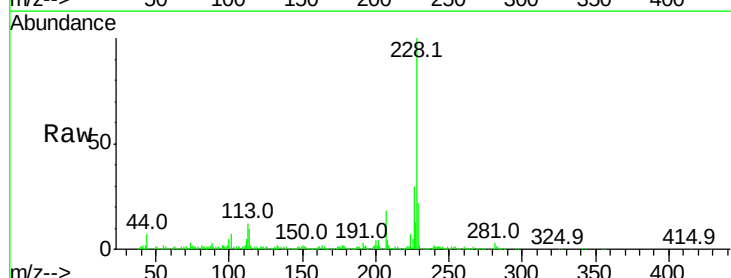
Instrument :
BNA_N
ClientSampleId :

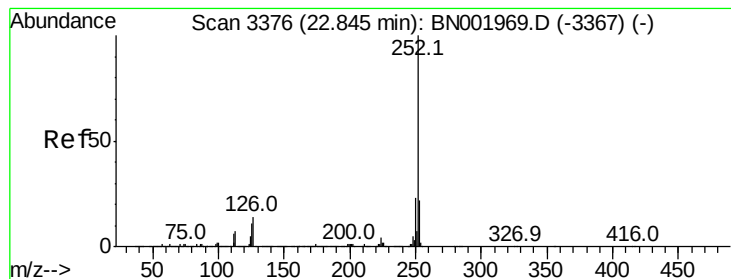
Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	29.7	21.8	32.8



#82
Chrysene
Concen: 3.759 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN001983.D
Acq: 06 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.7	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 8.057 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

Instrument :

BNA_N

ClientSampleId :

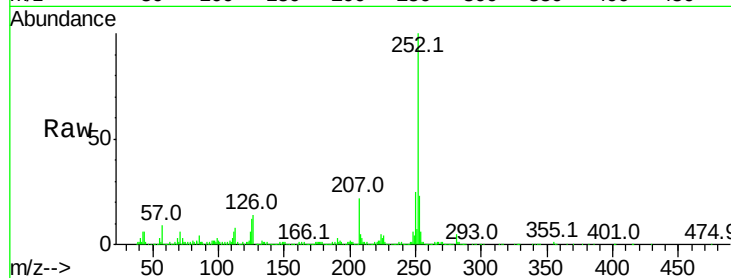
Tot Ion:252 Resp: 1151293

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

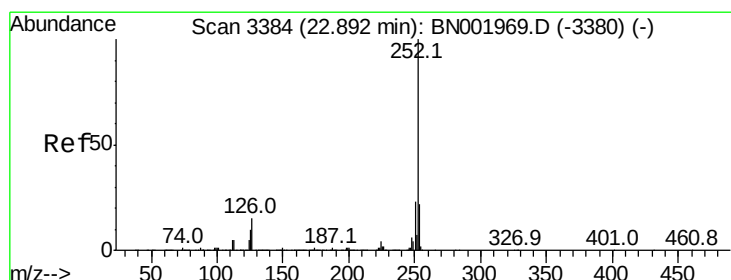
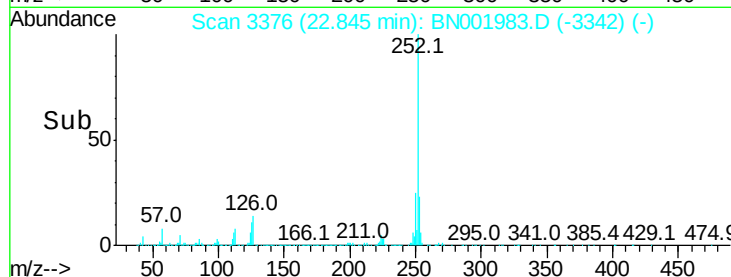
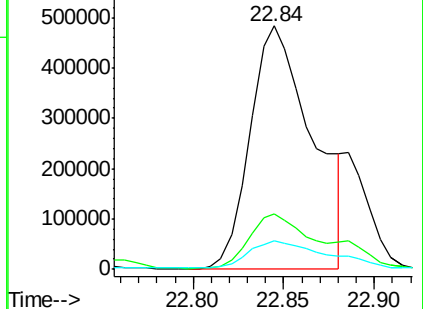
125 11.8 4.9 7.3#



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



#86

Benzo(k)fluoranthene

Concen: 8.309 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

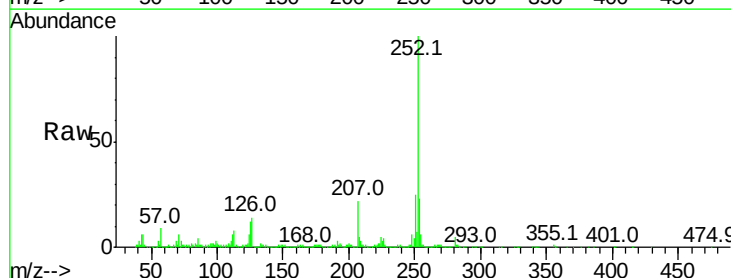
Tgt Ion:252 Resp: 1151293

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

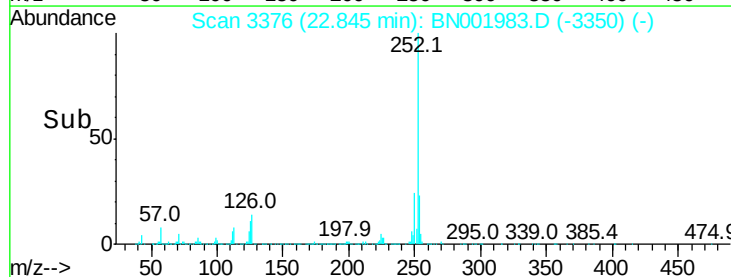
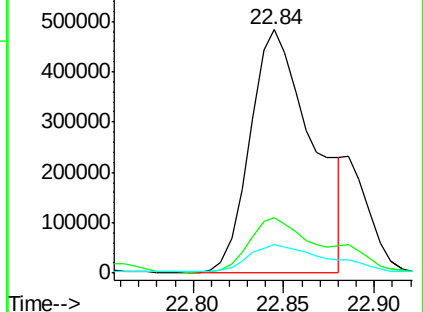
125 11.8 5.4 8.0#

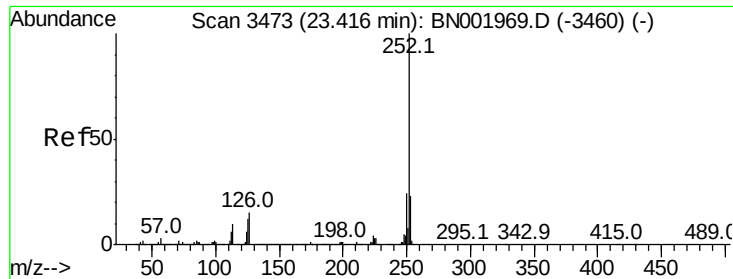


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.490 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

Instrument :

BNA_N

ClientSampleId :

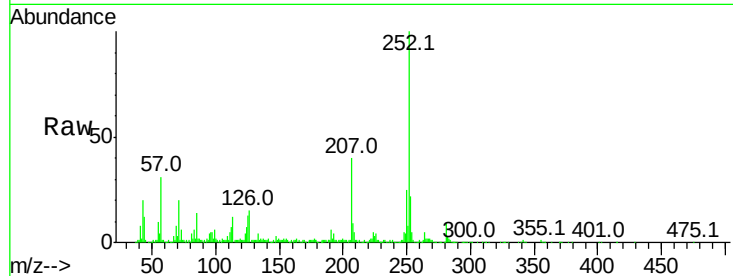
Tot Ion:252 Resp: 465973

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

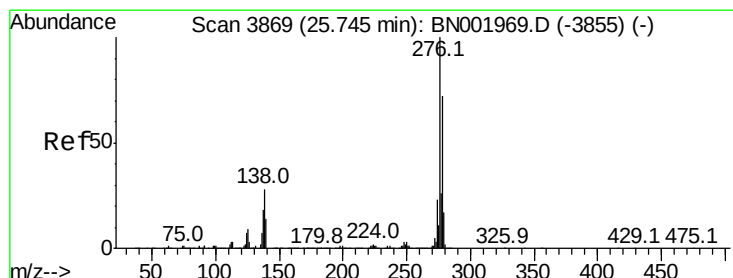
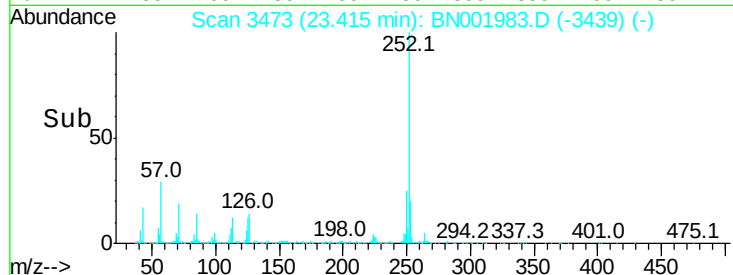
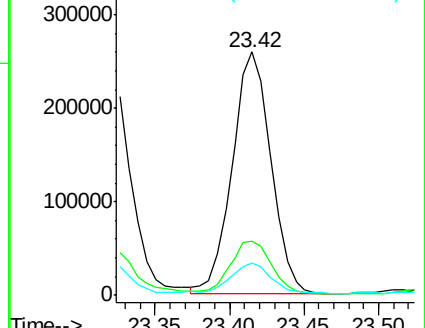
125 13.1 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.637 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

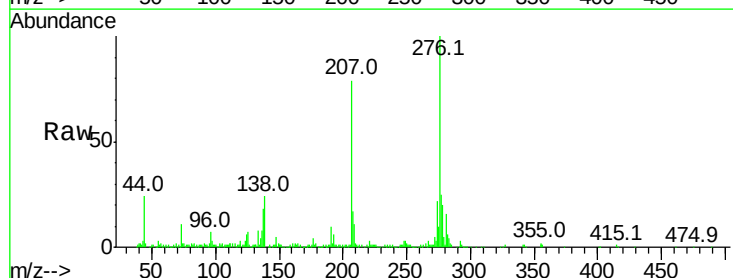
Tgt Ion:276 Resp: 374635

Ion Ratio Lower Upper

276 100

138 23.6 10.9 16.3#

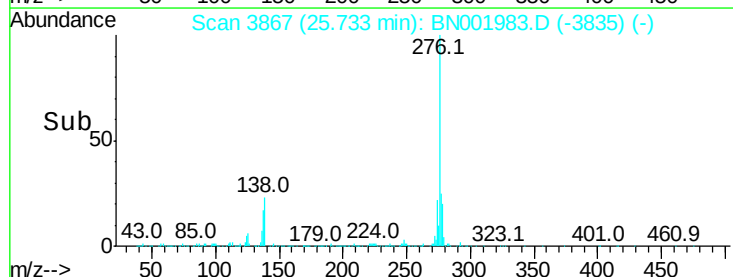
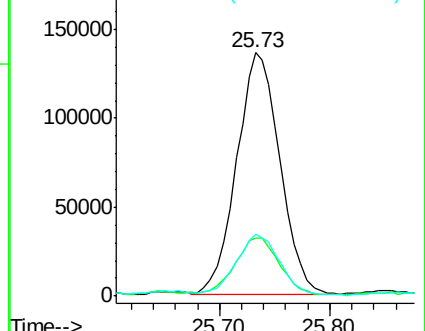
277 25.2 18.9 28.3

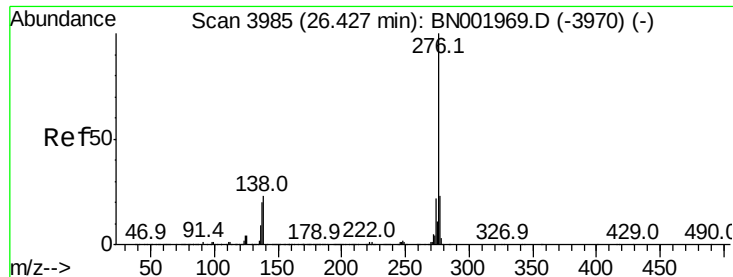


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.484 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. -0.00 min

Lab File: BN001983.D

Acq: 06 Jul 2018 11:06

Instrument :

BNA_N

ClientSampleId :

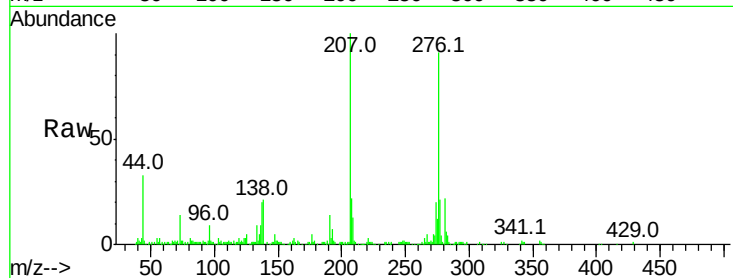
Tot Ion:276 Resp: 291144

Ion Ratio Lower Upper

276 100

138 23.0 11.2 16.8#

277 23.4 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

