

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082918\
 Data File : BN002547.D
 Acq On : 29 Aug 2018 16:11
 Operator : JU/SJ
 Sample : J4596-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z34

Quant Time: Aug 29 17:49:26 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 04:34:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	154203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	717349	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	437470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1019713	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1116483	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1159560	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8453	2.59	ng/uL	0.00
5) Phenol-d5	6.85	99	199940	14.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	138322	15.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	167521	15.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	161533	14.29	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	81270	14.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	88949	14.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	167876	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	236454	19.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	605232	16.69	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	742282	16.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	73412	10.71	ng/ul	0.00
57) Fluorene-d10	15.29	176	548349	17.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	65246	10.05	ng/ul	0.00
70) Anthracene-d10	17.15	188	843923	17.32	ng/ul	0.00
78) Pyrene-d10	19.45	212	983973	18.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1066586	17.59	ng/ul	0.00

Target Compounds

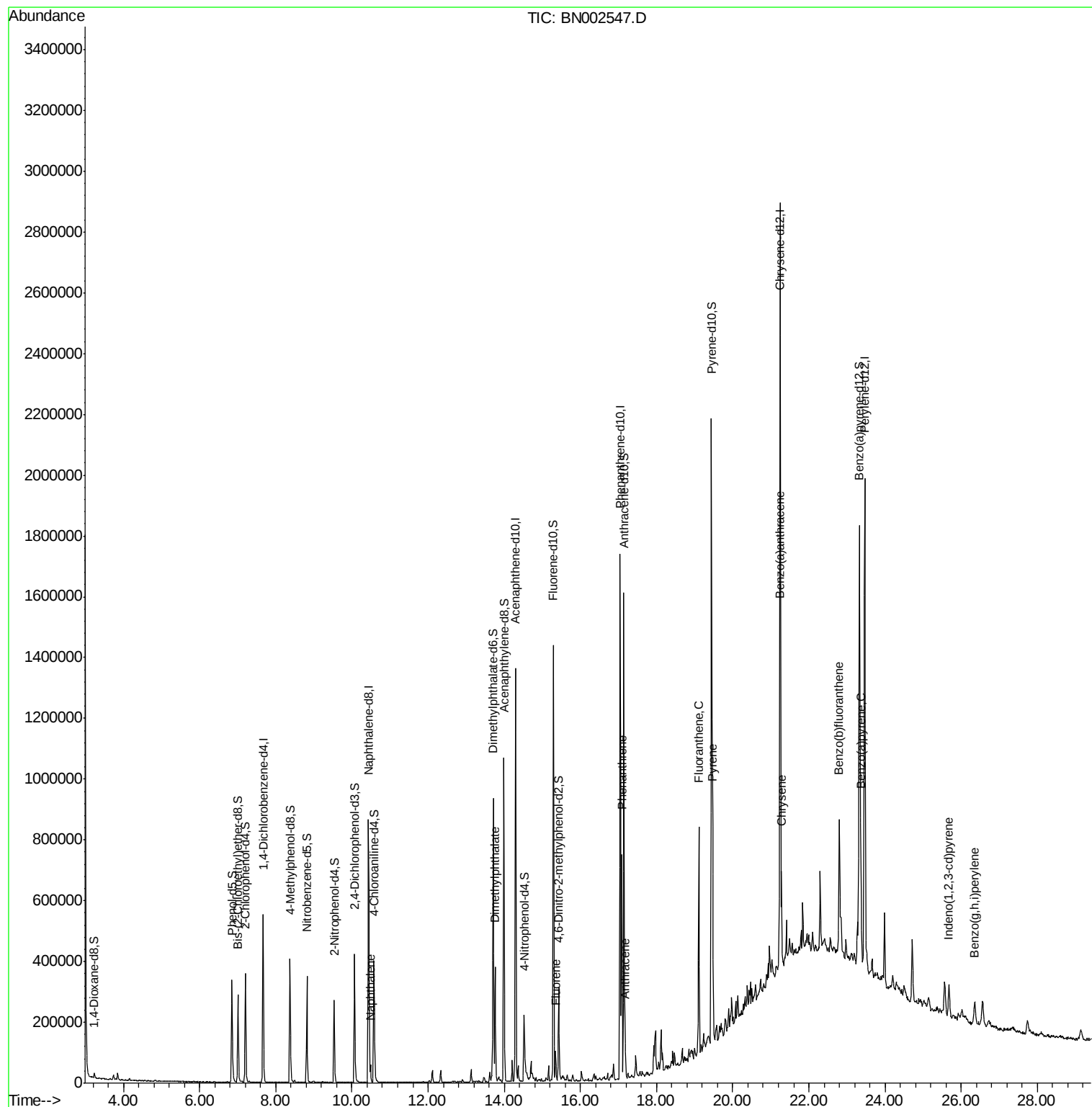
					Ovalue
28) Naphthalene	10.49	128	46800	1.268 ng/ul	99
44) Dimethylphthalate	13.76	163	229498	6.452 ng/ul	99
58) Fluorene	15.35	166	43526	1.262 ng/ul#	99
69) Phenanthrene	17.09	178	418606	7.447 ng/ul	100
71) Anthracene	17.18	178	63478	1.113 ng/ul	97
76) Fluoranthene	19.11	202	418591	6.542 ng/ul	99
79) Pyrene	19.47	202	400953	5.956 ng/ul	99
82) Benzo(a)anthracene	21.23	228	166309	2.431 ng/ul	97
84) Chrysene	21.28	228	171822	2.654 ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	216037	3.108 ng/ul#	95
90) Benzo(a)pyrene	23.37	252	166560	2.516 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.68	276	90328	1.147 ng/ul	95
93) Benzo(g,h,i)perylene	26.36	276	83708	1.274 ng/ul	97

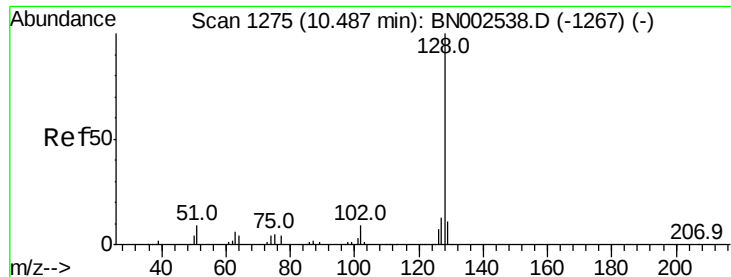
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 17:49:26 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.268 ng/ul

RT: 10.49 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

BNA_N

ClientSampleId :

A3Z34

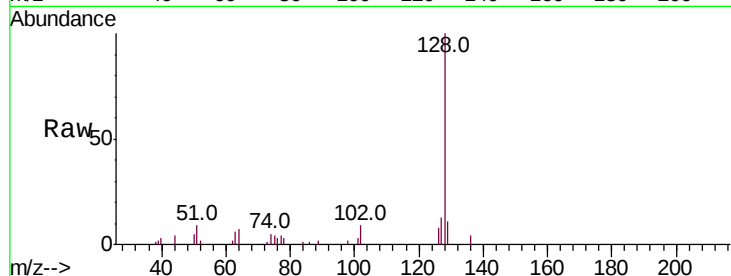
Tot Ion:128 Resp: 46800

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

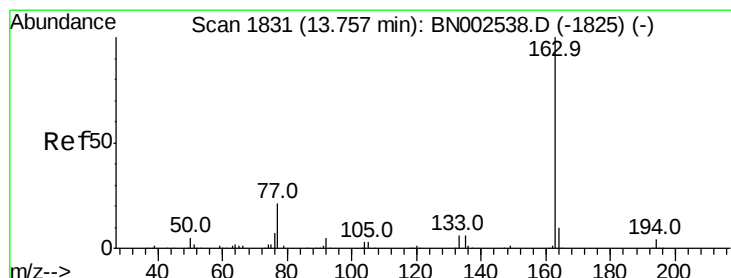
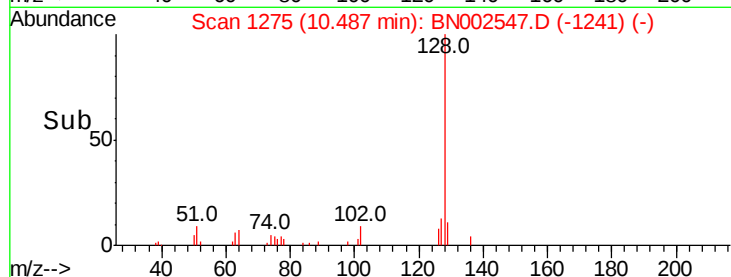
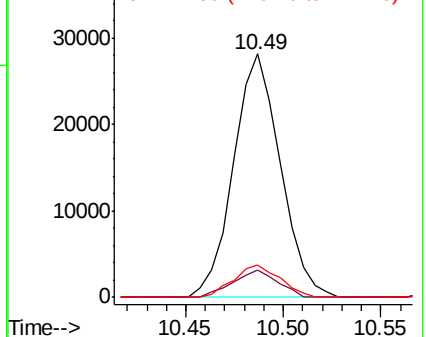
127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 6.452 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

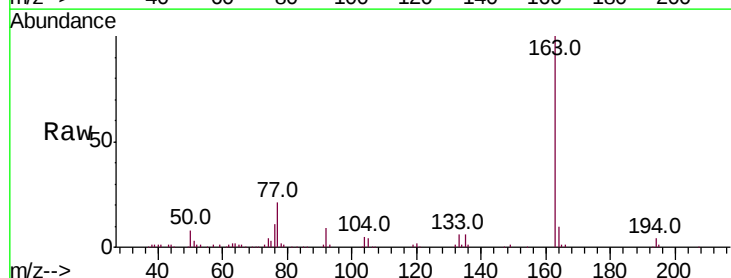
Tgt Ion:163 Resp: 229498

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

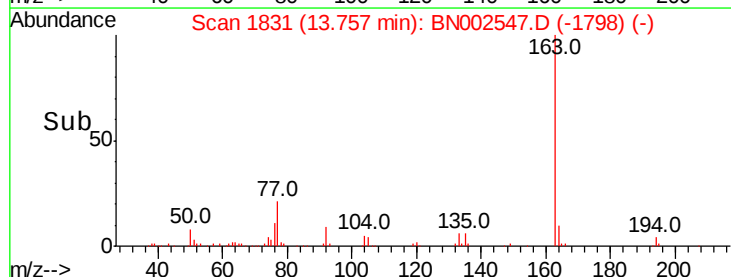
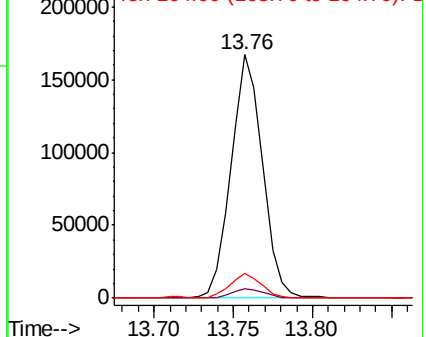
164 10.1 7.8 11.8

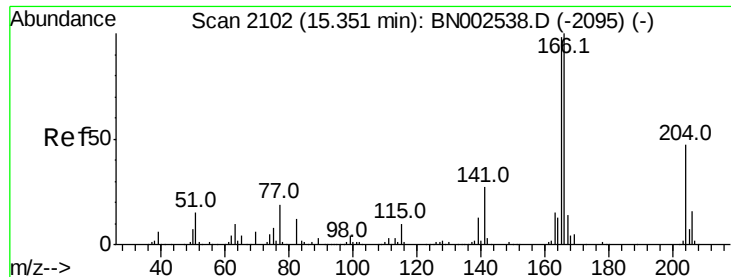


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#58

Fluorene

Concen: 1.262 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

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ClientSampleId :

A3Z34

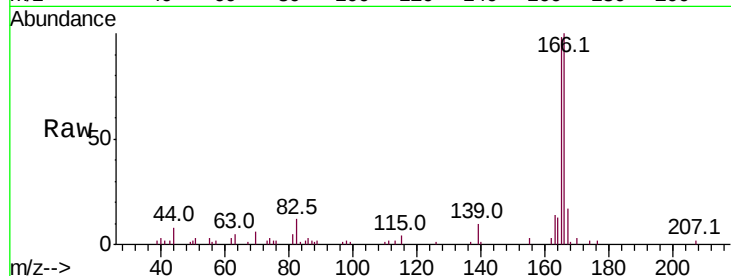
Tot Ion:166 Resp: 43526

Ion Ratio Lower Upper

166 100

165 98.1 78.5 117.7

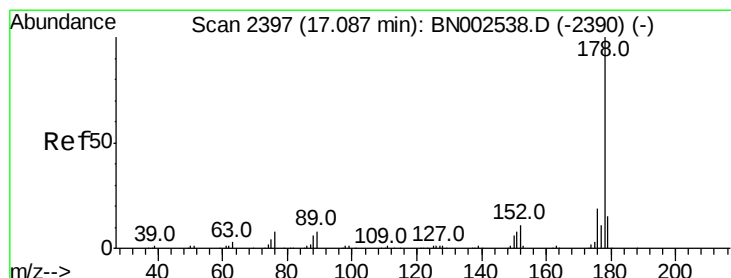
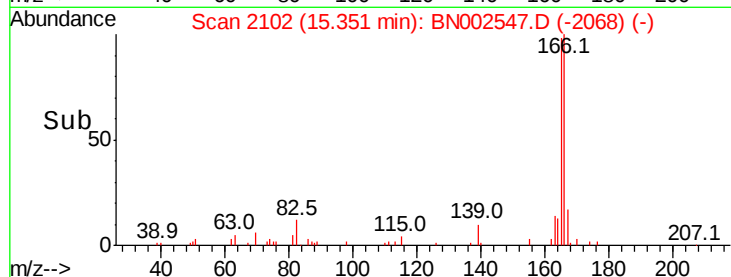
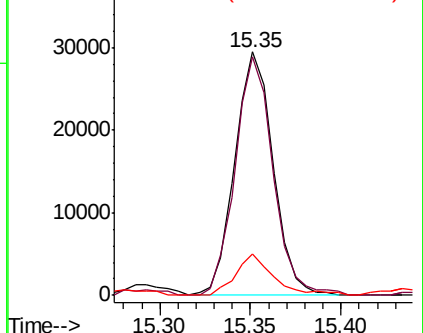
167 16.8 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 7.447 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

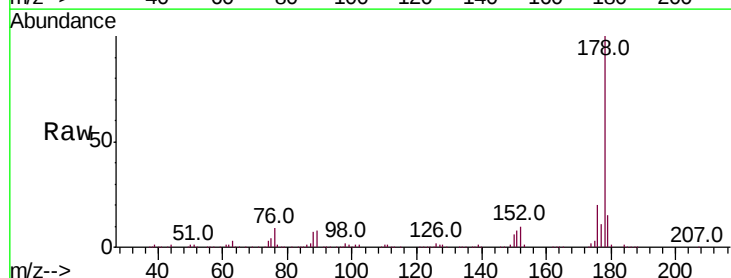
Tgt Ion:178 Resp: 418606

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

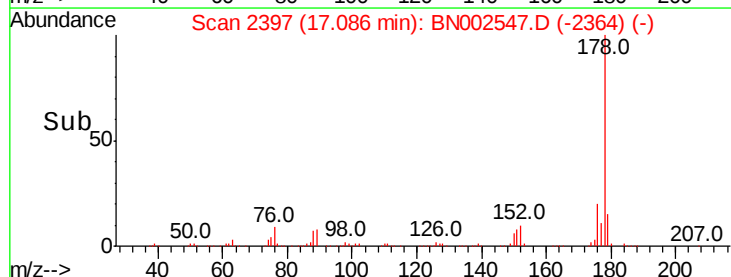
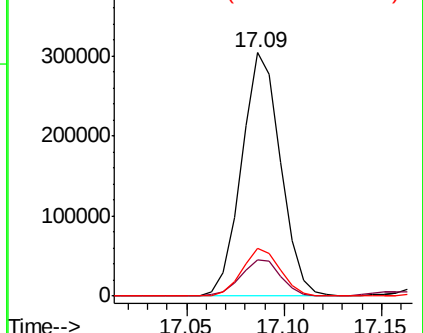
176 19.7 15.6 23.4

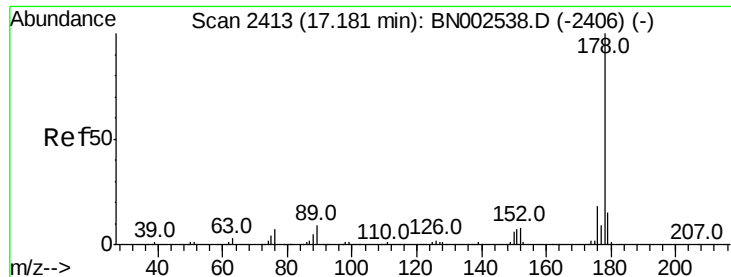


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.113 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

BNA_N

ClientSampleId :

A3Z34

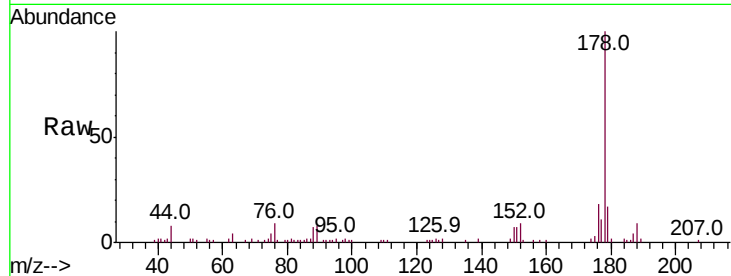
Tot Ion:178 Resp: 63478

Ion Ratio Lower Upper

178 100

179 17.5 12.1 18.1

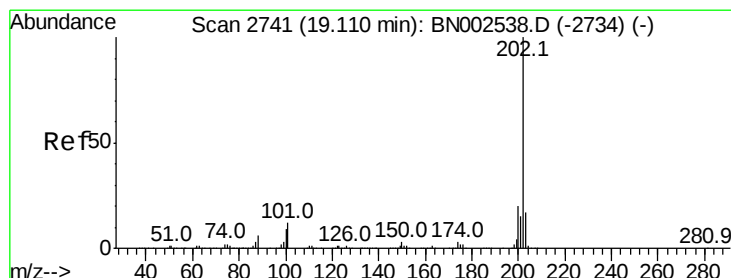
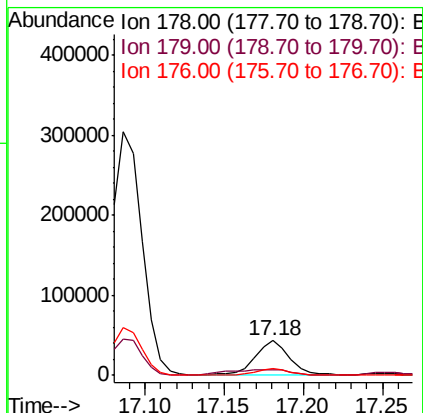
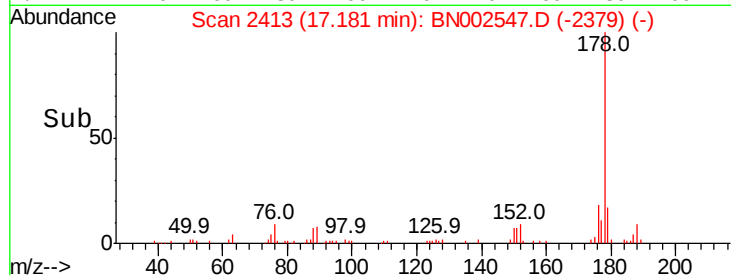
176 18.2 14.8 22.2



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



#76

Fluoranthene

Concen: 6.542 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

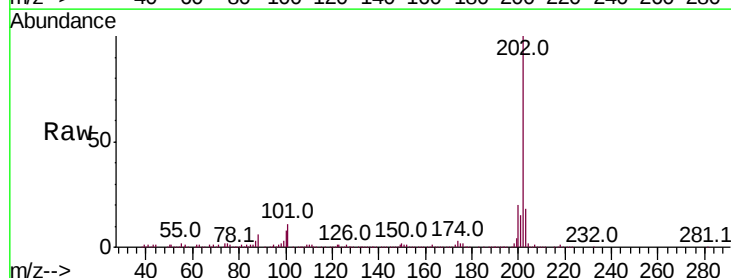
Tgt Ion:202 Resp: 418591

Ion Ratio Lower Upper

202 100

101 10.6 8.8 13.2

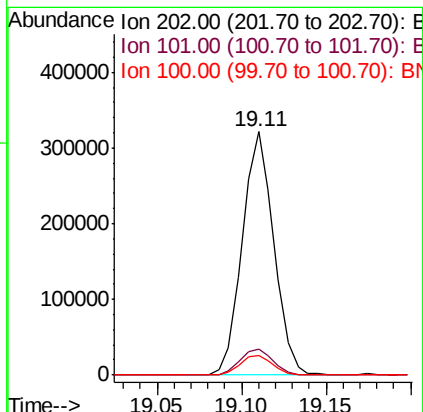
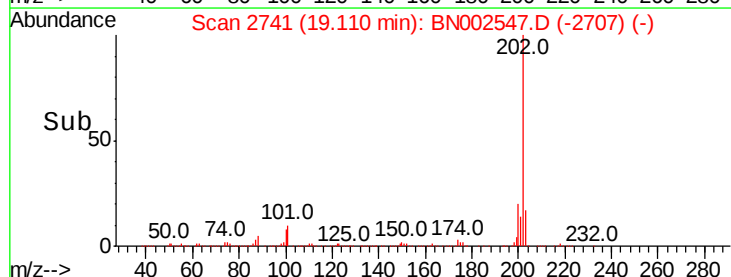
100 8.3 6.6 9.8

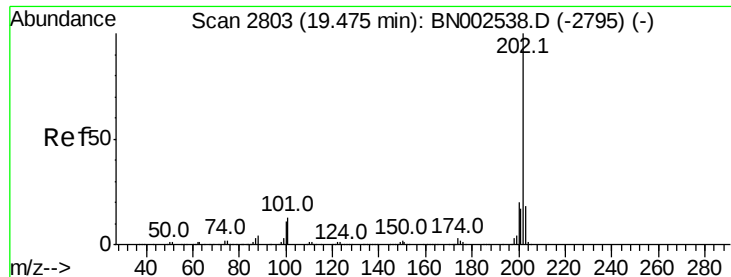


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 5.956 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

BNA_N

ClientSampleId :

A3Z34

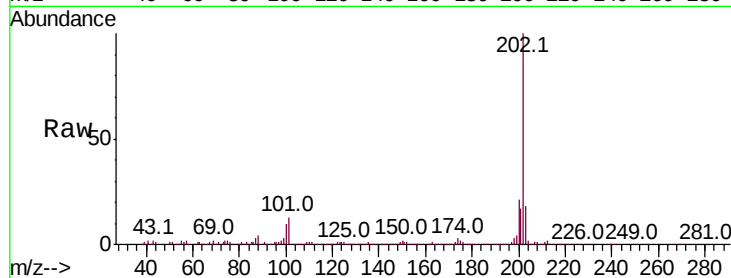
Tot Ion:202 Resp: 400953

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

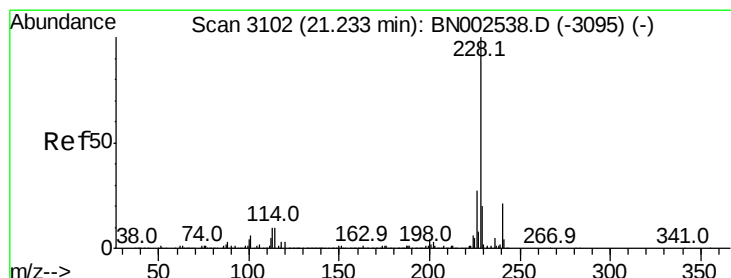
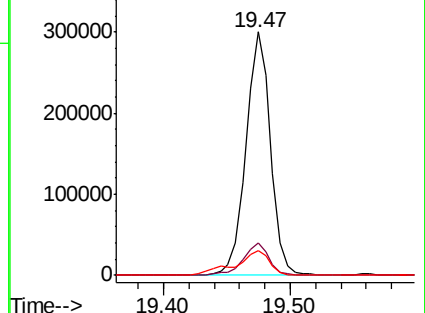
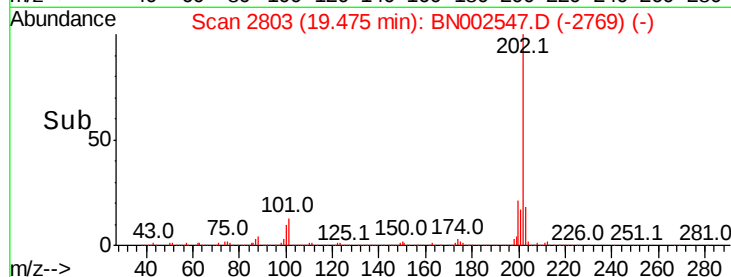
100 10.3 8.5 12.7



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



#82

Benzo(a)anthracene

Concen: 2.431 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

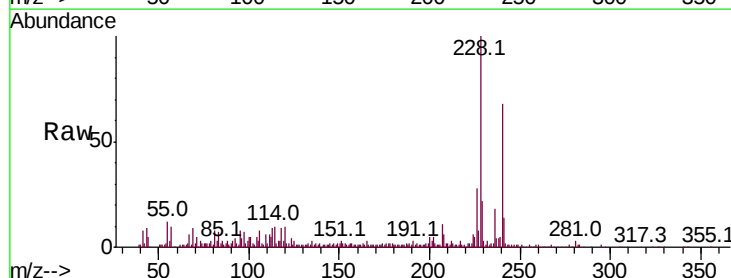
Tgt Ion:228 Resp: 166309

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

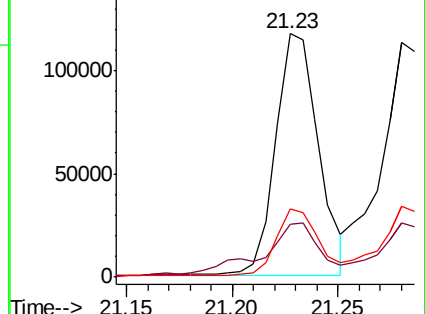
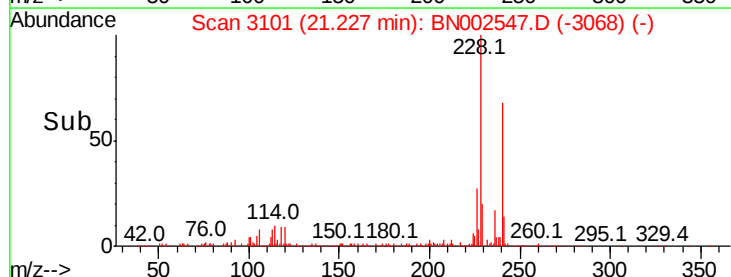
226 27.9 21.8 32.6

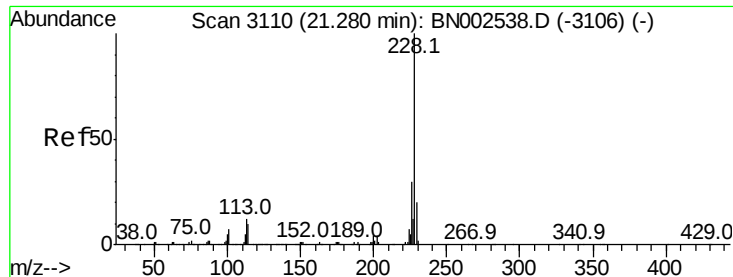


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.654 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

BNA_N

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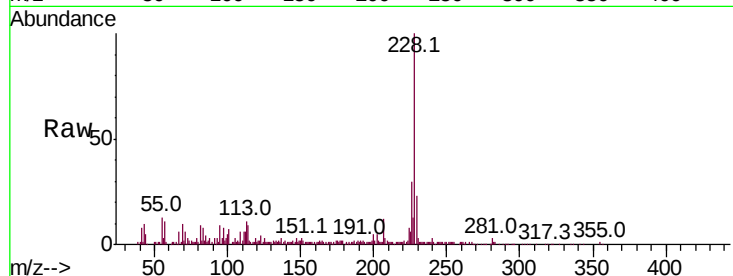
Tot Ion:228 Resp: 171822

Ion Ratio Lower Upper

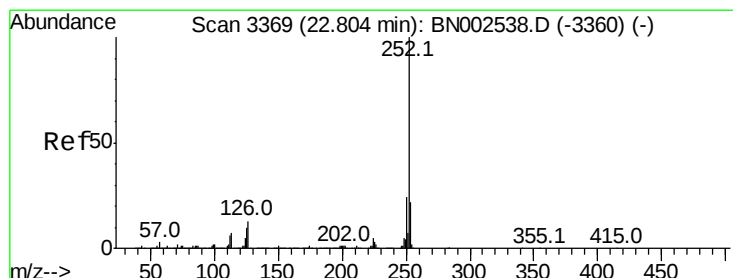
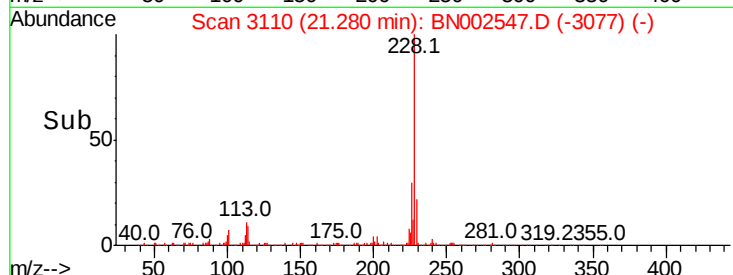
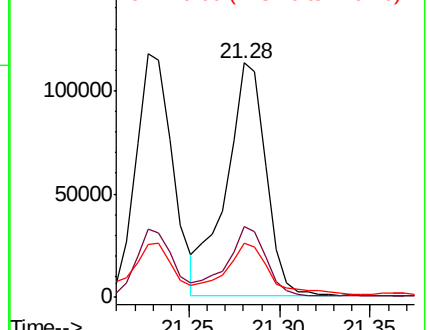
228 100

226 30.4 24.0 36.0

229 23.1 15.6 23.4



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



#87

Benzo(b)fluoranthene

Concen: 3.108 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

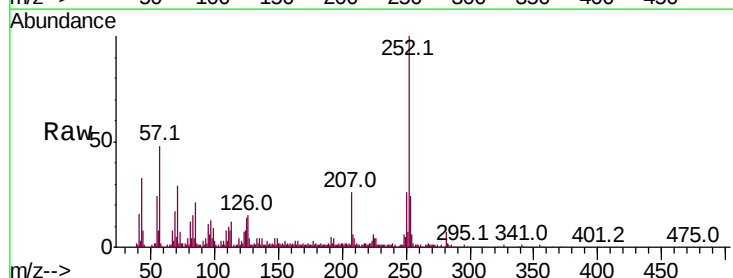
Tgt Ion:252 Resp: 216037

Ion Ratio Lower Upper

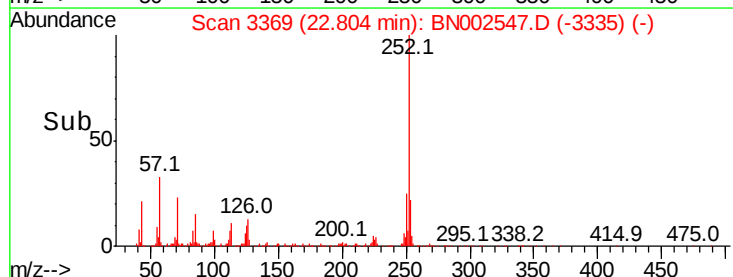
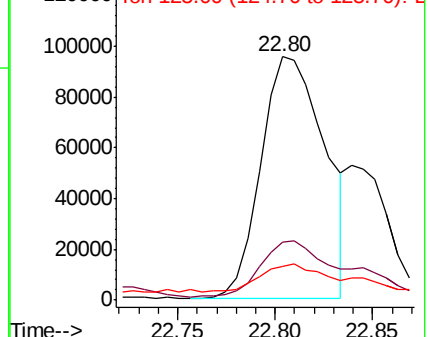
252 100

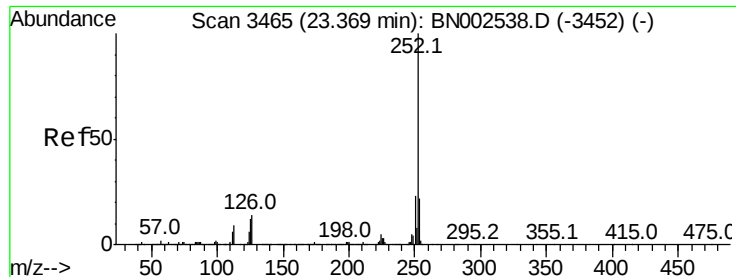
253 23.6 17.5 26.3

125 13.9 8.5 12.7#



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





#90

Benzo(a)pyrene

Concen: 2.516 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BN002547.D

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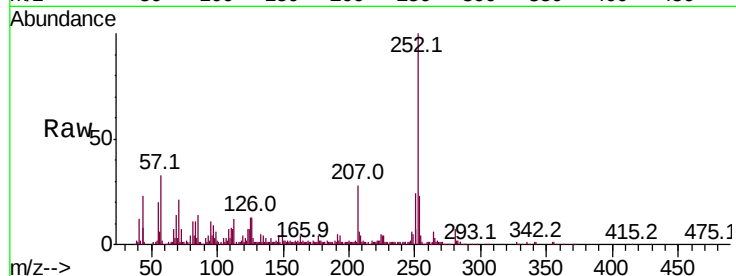
Tot Ion:252 Resp: 166560

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

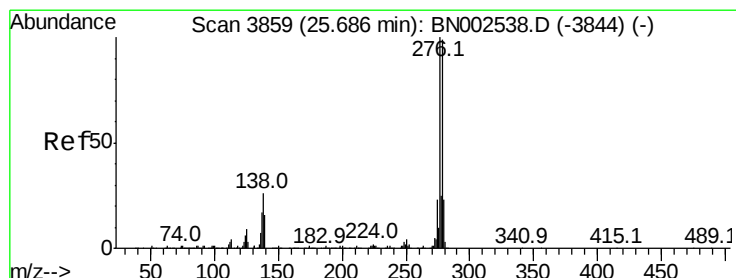
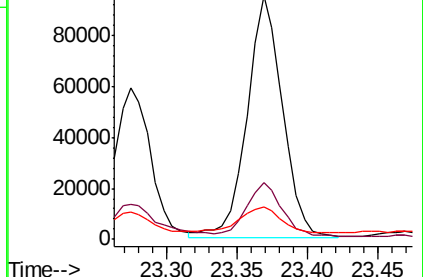
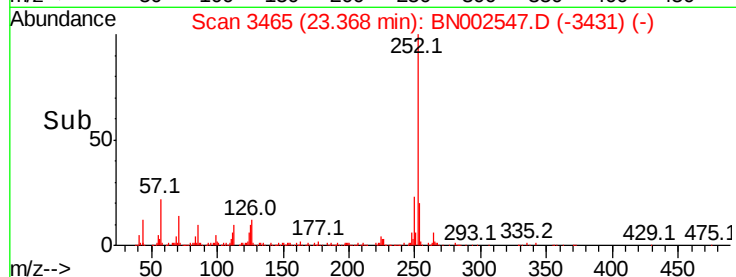
125 13.3 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.147 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. -0.00 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

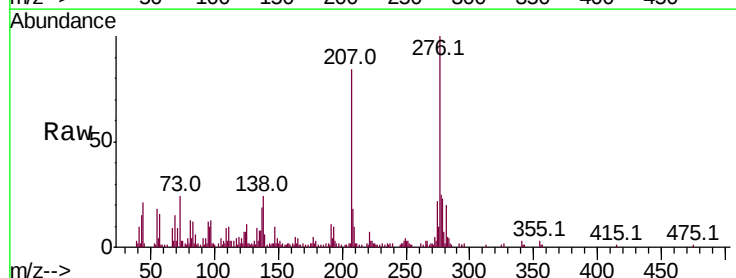
Tgt Ion:276 Resp: 90328

Ion Ratio Lower Upper

276 100

138 23.6 22.3 33.5

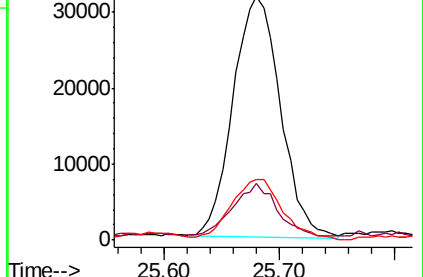
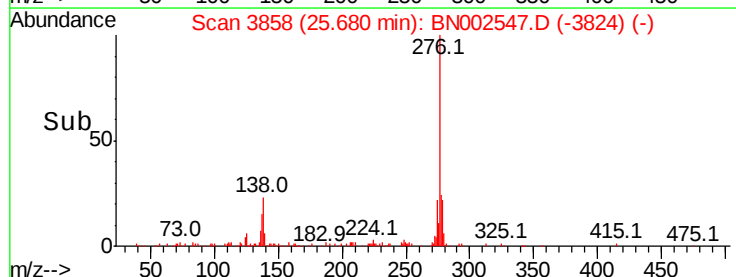
277 25.0 20.2 30.2

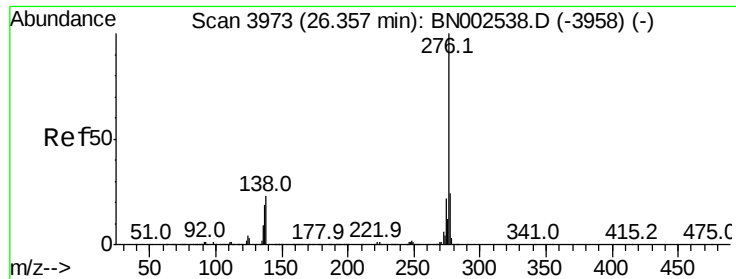


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.274 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BN002547.D

Acq: 29 Aug 2018 16:11

Instrument :

BNA_N

ClientSampleId :

A3Z34

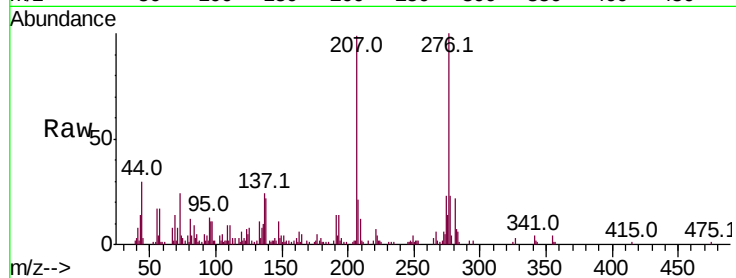
Tot Ion:276 Resp: 83708

Ion Ratio Lower Upper

276 100

138 22.1 18.9 28.3

277 22.6 19.2 28.8



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

