

Data File : BN003933.D
Acq On : 14 Dec 2018 16:11
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F08

Quant Time: Dec 14 22:54:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	25929	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	129670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	81707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	203502	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	279321	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	290144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1060	2.68	ng/uL	0.00
5) Phenol-d5	6.99	99	44754	17.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	25158	18.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	36908	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	28772	13.47	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	18833	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	21215	18.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	39133	18.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	24034	12.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	133997	18.37	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	167539	19.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22544	14.95	ng/ul	0.00
57) Fluorene-d10	15.46	176	127748	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	11676	7.97	ng/ul	0.00
70) Anthracene-d10	17.31	188	203174	19.76	ng/ul	0.00
78) Pyrene-d10	19.60	212	249460	19.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	311322	19.78	ng/ul	0.00

Target Compounds

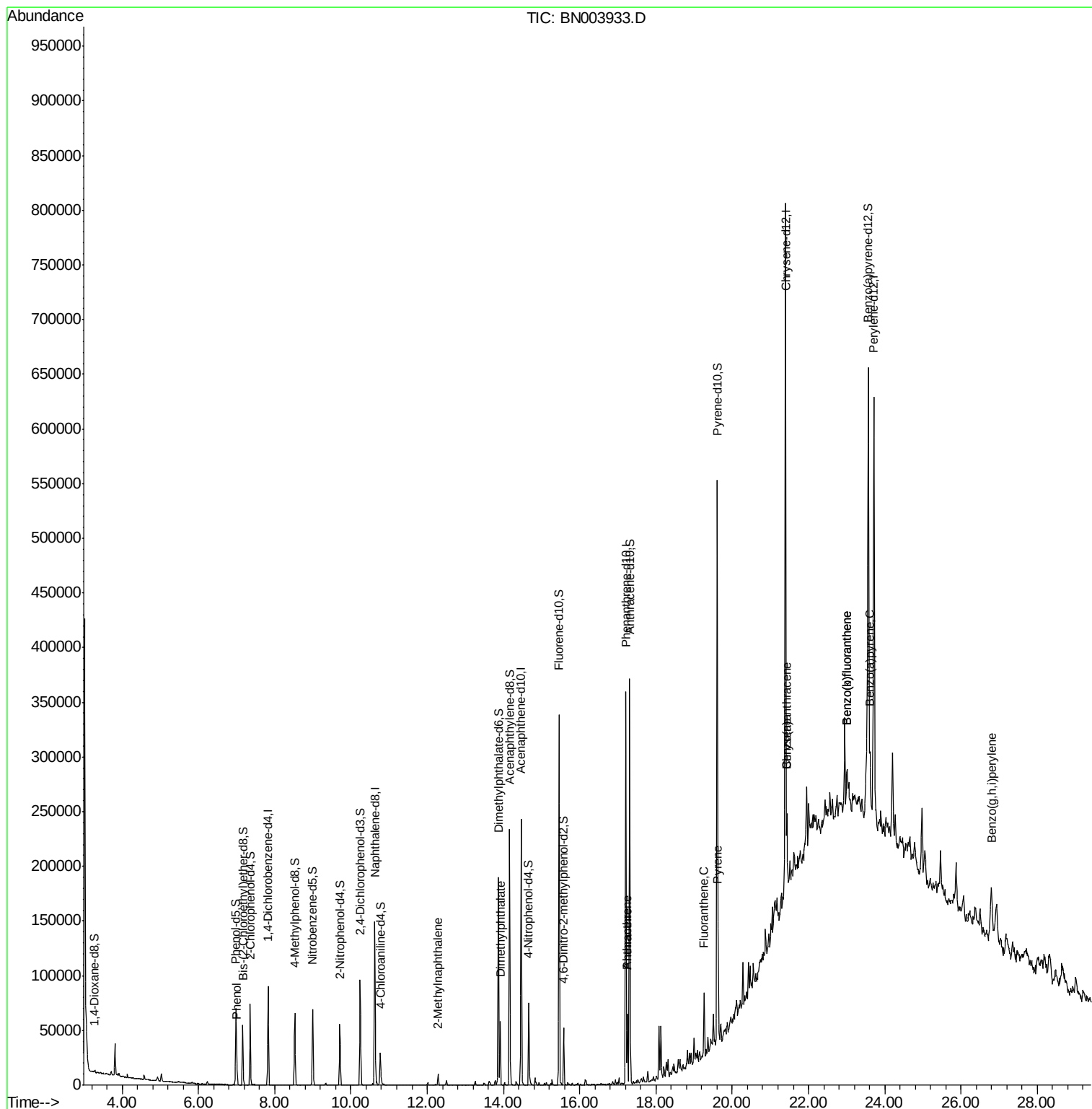
						Qvalue
6) Phenol	7.02	94	8789	3.416	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	6380	1.218	ng/ul	97
44) Dimethylphthalate	13.92	163	37140	5.216	ng/ul	99
69) Phenanthrene	17.25	178	37729	3.209	ng/ul	99
71) Anthracene	17.25	178	37729	3.130	ng/ul	99
76) Fluoranthene	19.27	202	30790	2.136	ng/ul	98
79) Pyrene	19.63	202	53499	3.428	ng/ul	98
82) Benzo(a)anthracene	21.43	228	40965	2.352	ng/ul	92
84) Chrysene	21.43	228	40965	2.511	ng/ul#	96
87) Benzo(b)fluoranthene	23.01	252	29526	1.699	ng/ul#	84
88) Benzo(k)fluoranthene	23.01	252	29526	1.814	ng/ul#	83
90) Benzo(a)pyrene	23.62	252	24791	1.481	ng/ul#	86
93) Benzo(g,h,i)perylene	26.80	276	59365	3.251	ng/ul	97

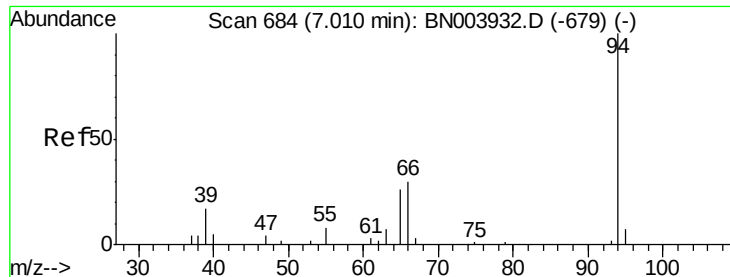
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 3.416 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

Instrument :

BNA_N

ClientSampleId :

F9F08

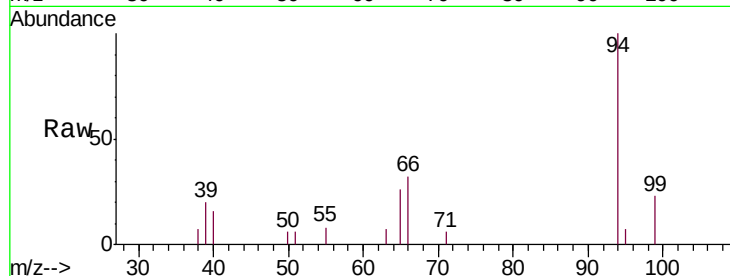
Tgt Ion: 94 Resp: 8789

Ion Ratio Lower Upper

94 100

65 25.9 21.2 31.8

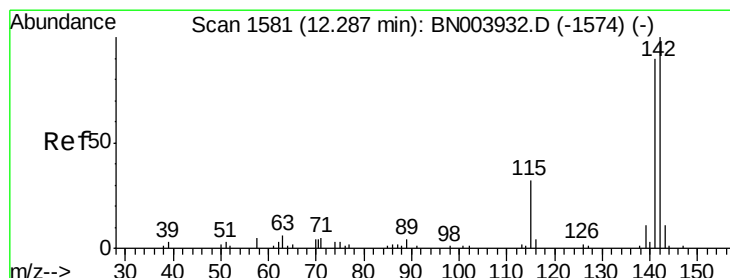
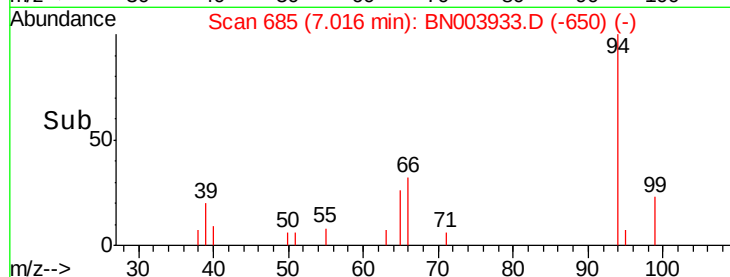
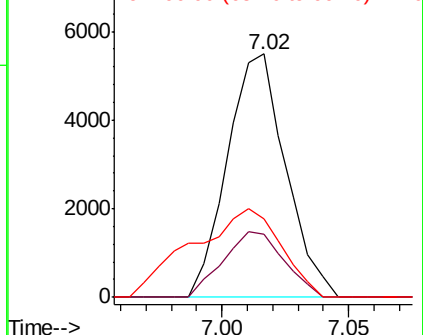
66 32.1 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003933.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN003933.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN003933.D (-679) (-)



#34

2-Methylnaphthalene

Concen: 1.218 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN003933.D

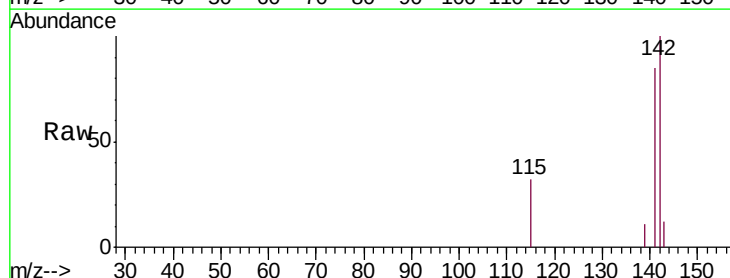
Acq: 14 Dec 2018 16:11

Tgt Ion: 142 Resp: 6380

Ion Ratio Lower Upper

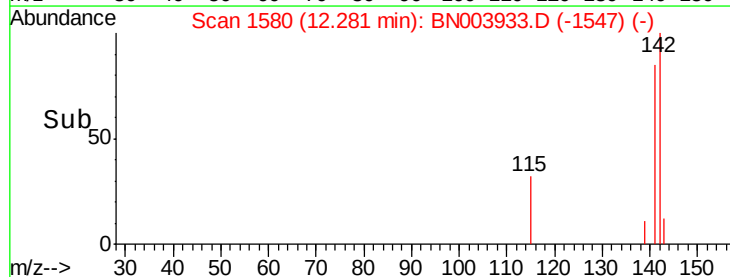
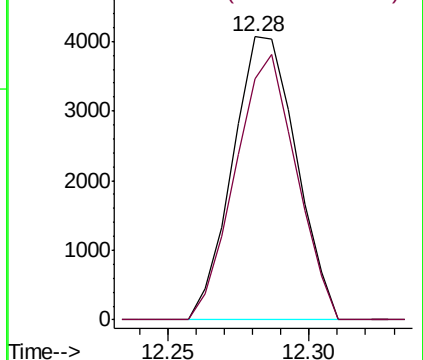
142 100

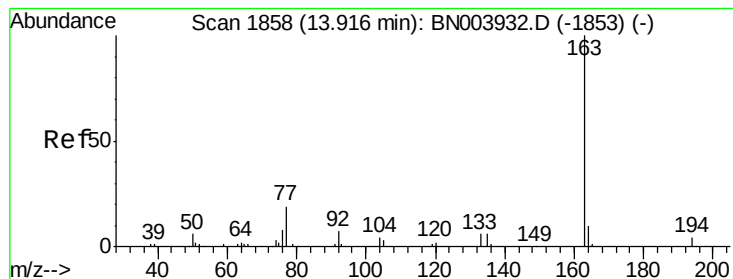
141 85.4 70.2 105.2



Abundance Ion 142.00 (141.70 to 142.70): BN003933.D (-1574) (-)

Ion 141.00 (140.70 to 141.70): BN003933.D (-1574) (-)





#44

Dimethylphthalate

Concen: 5.216 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

Instrument :

BNA_N

ClientSampleId :

F9F08

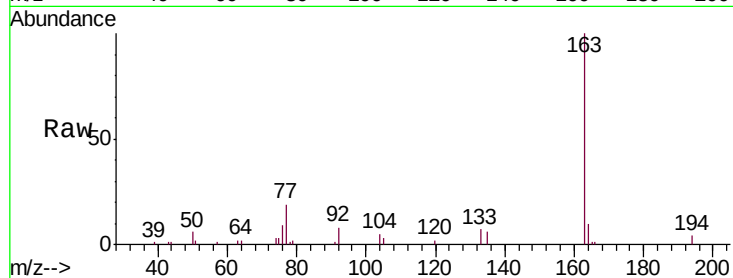
Tgt Ion:163 Resp: 37140

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

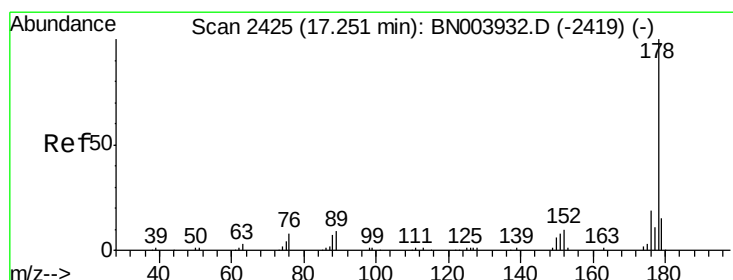
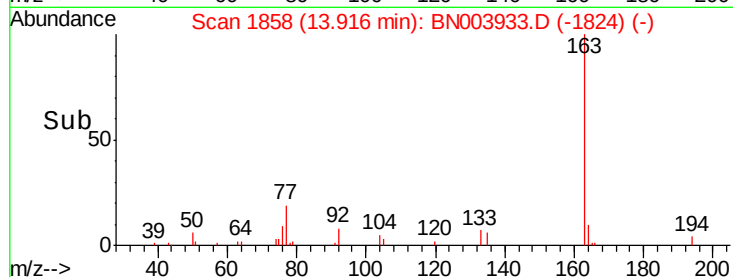
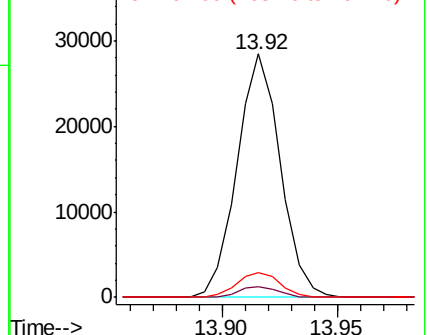
164 10.4 7.9 11.9



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: 3.209 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

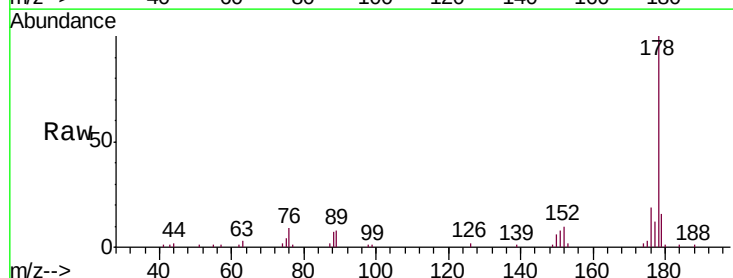
Tgt Ion:178 Resp: 37729

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

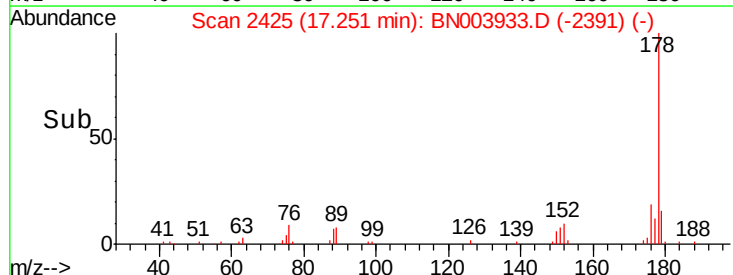
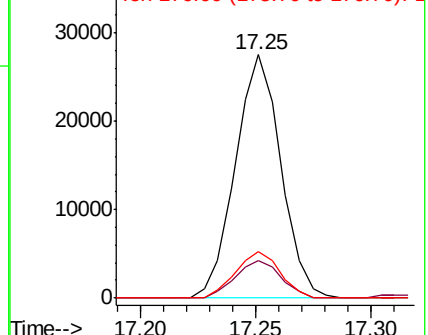
176 19.3 15.0 22.6

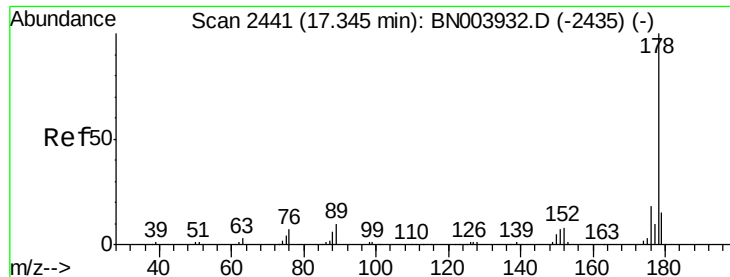


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

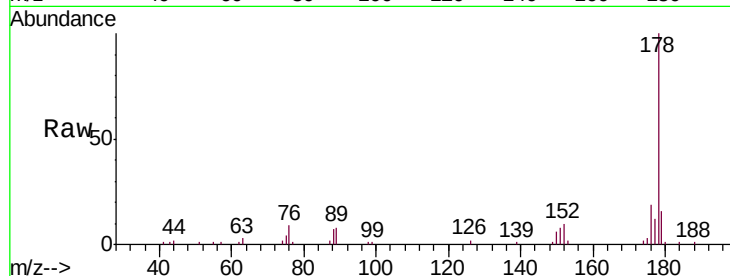




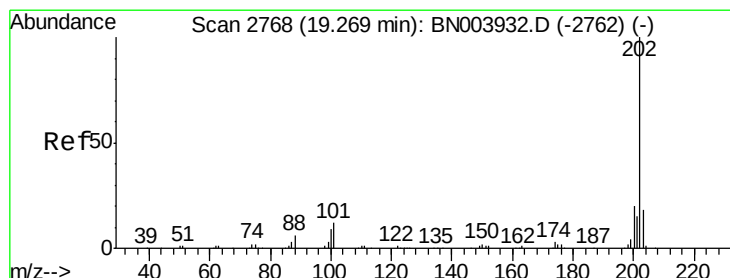
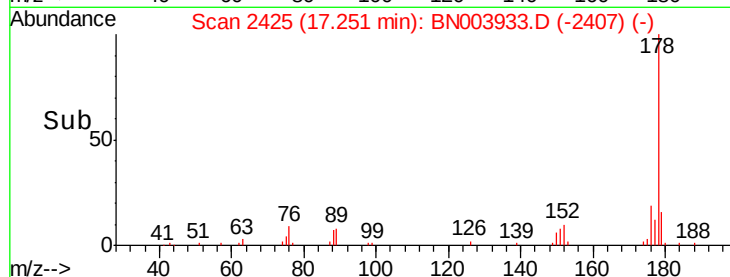
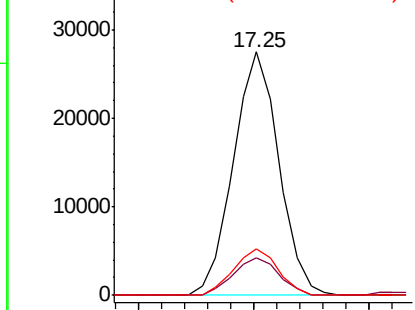
#71
 Anthracene
 Concen: 3.130 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.09 min
 Lab File: BN003933.D
 Acq: 14 Dec 2018 16:11

Instrument :
 BNA_N
 ClientSampleId :
 F9F08

Tgt Ion:178 Resp: 37729
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.1 18.1
 176 19.3 15.2 22.8

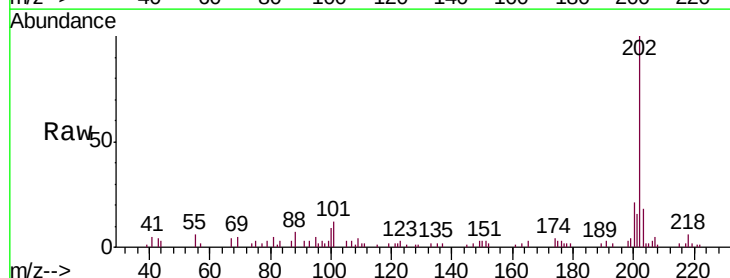


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

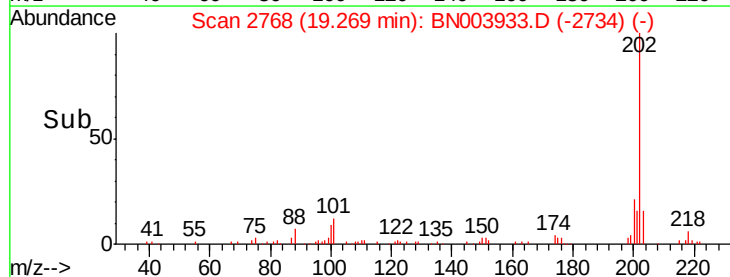
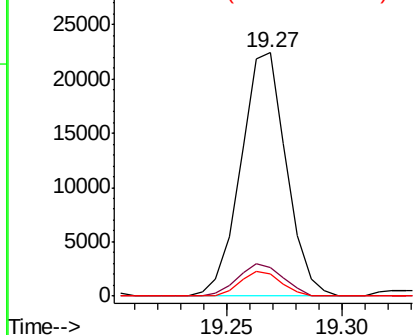


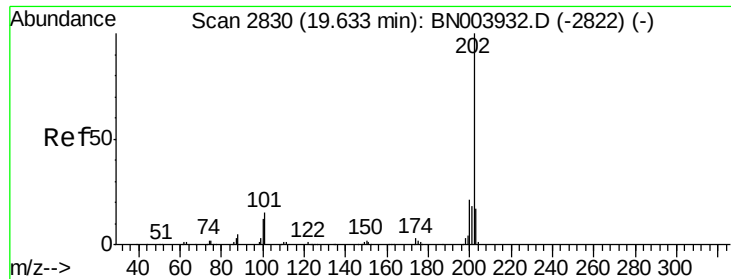
#76
 Fluoranthene
 Concen: 2.136 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. -0.00 min
 Lab File: BN003933.D
 Acq: 14 Dec 2018 16:11

Tgt Ion:202 Resp: 30790
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.2 15.2
 100 9.2 7.8 11.8



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

Pyrene

Concen: 3.428 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

Instrument :

BNA_N

ClientSampleId :

F9F08

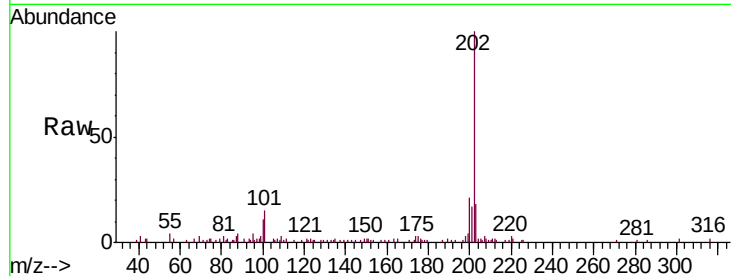
Tgt Ion:202 Resp: 53499

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.2

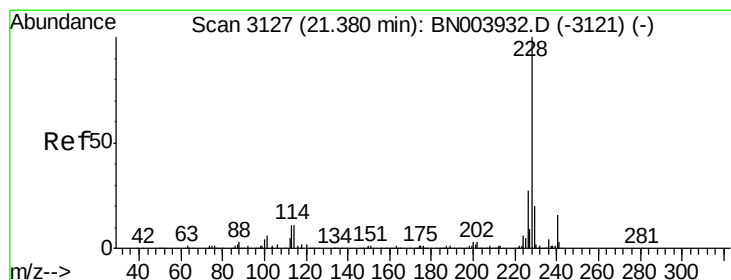
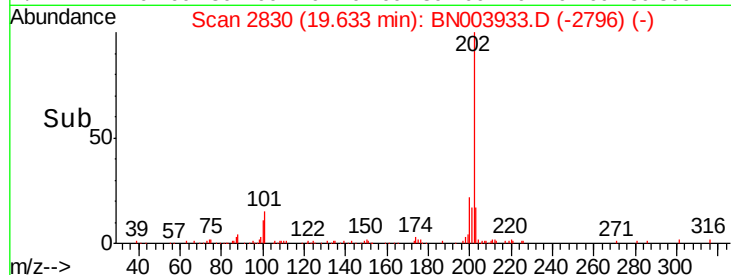
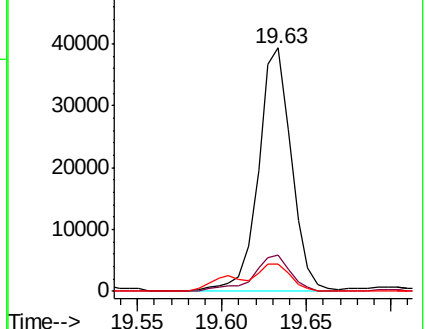
100 11.1 9.9 14.9



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: 2.352 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.05 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

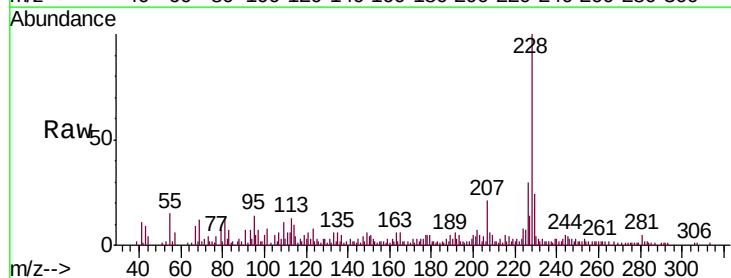
Tgt Ion:228 Resp: 40965

Ion Ratio Lower Upper

228 100

229 23.9 15.9 23.9

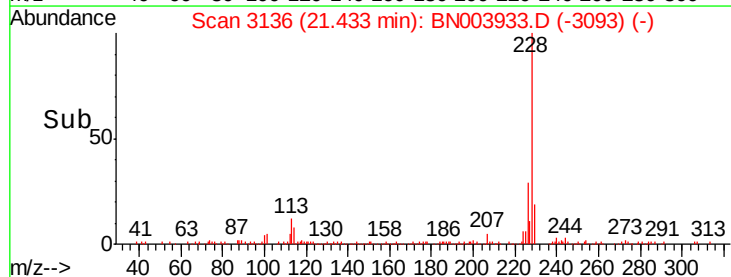
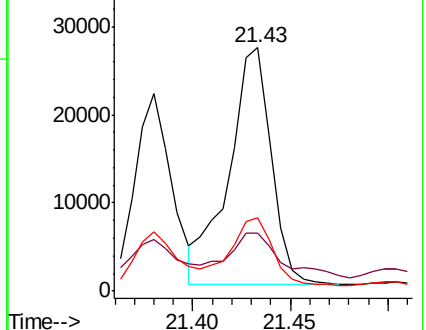
226 30.3 21.4 32.2

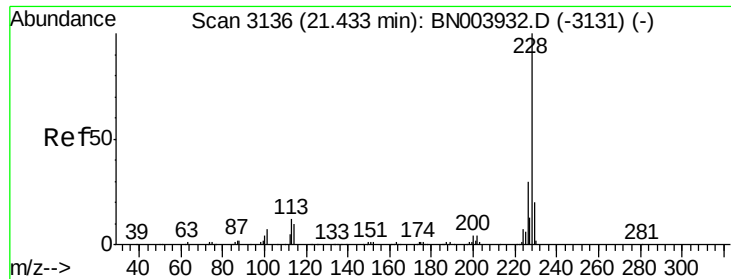


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.511 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

Instrument :

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ClientSampleId :

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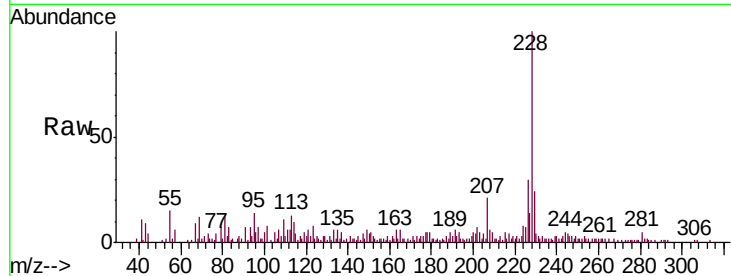
Tgt Ion:228 Resp: 40965

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

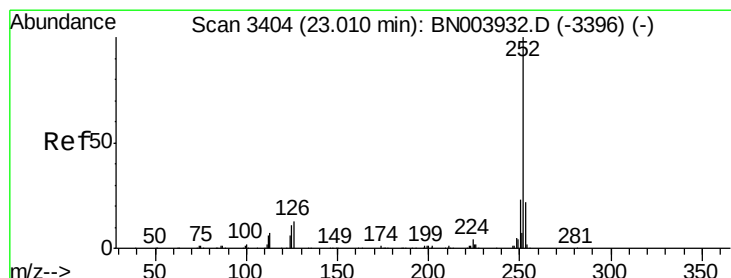
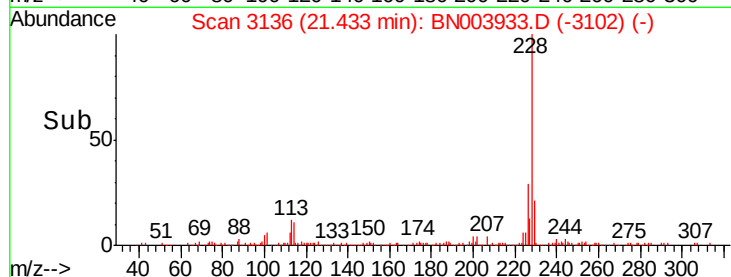
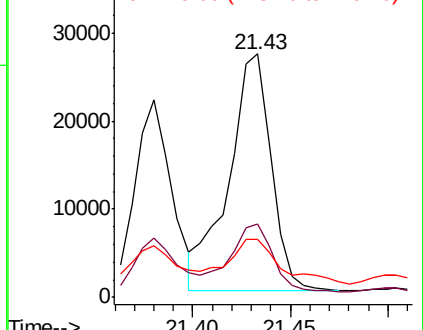
229 23.9 15.8 23.6#



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



#87

Benzo(b)fluoranthene

Concen: 1.699 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

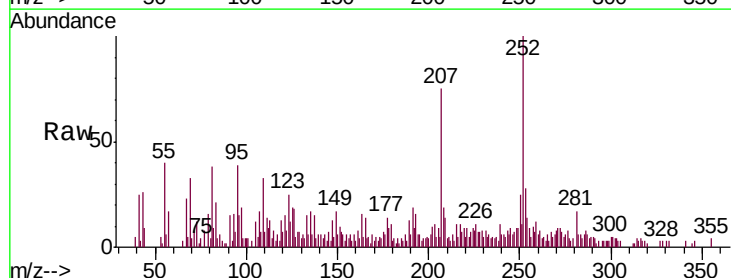
Tgt Ion:252 Resp: 29526

Ion Ratio Lower Upper

252 100

253 27.6 17.3 25.9#

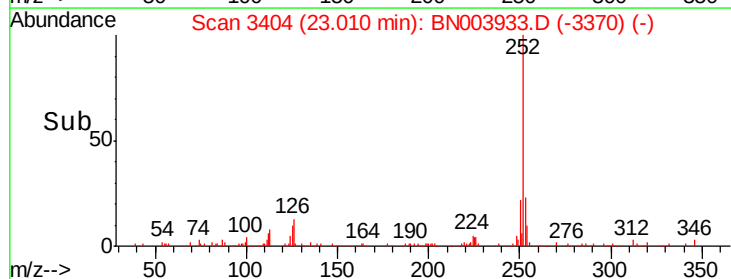
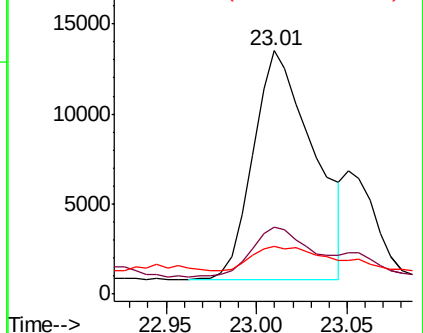
125 19.4 8.2 12.4#

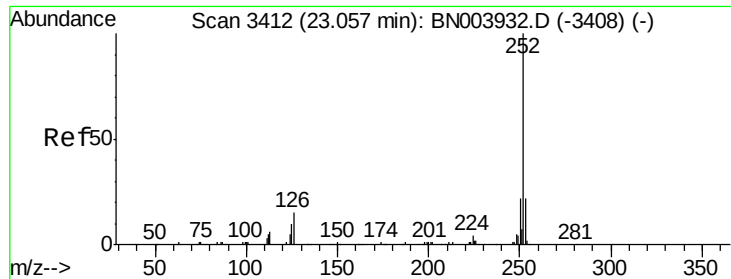


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.814 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.05 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

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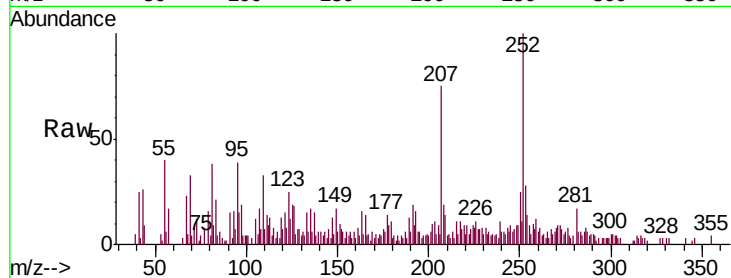
Tgt Ion:252 Resp: 29526

Ion Ratio Lower Upper

252 100

253 27.6 17.1 25.7#

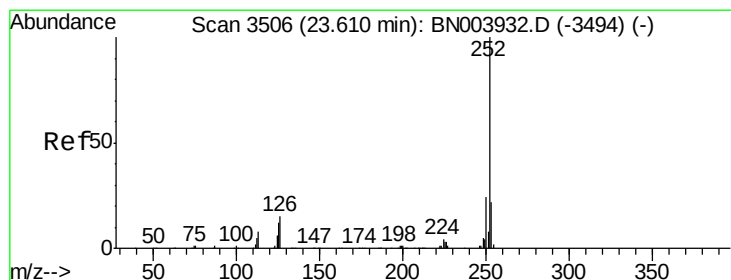
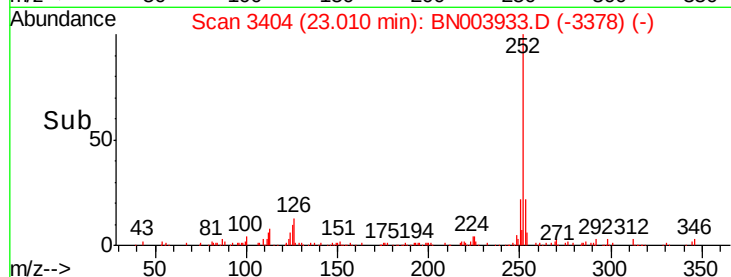
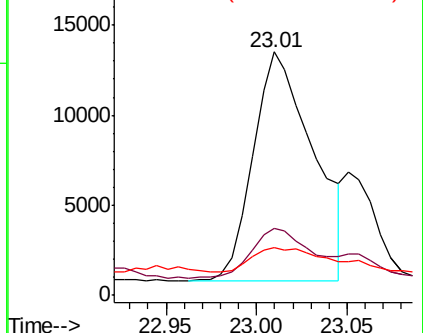
125 19.4 7.9 11.9#



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: 1.481 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

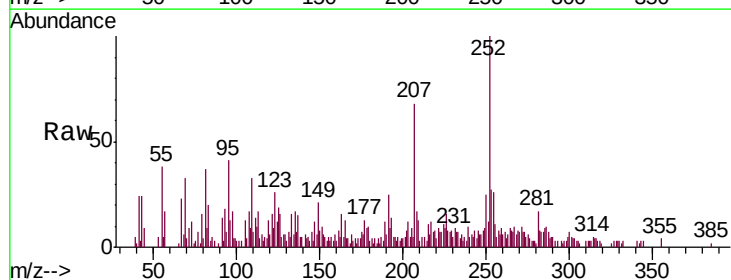
Tgt Ion:252 Resp: 24791

Ion Ratio Lower Upper

252 100

253 27.2 17.5 26.3#

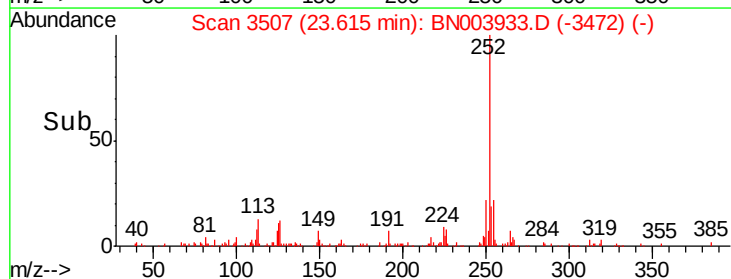
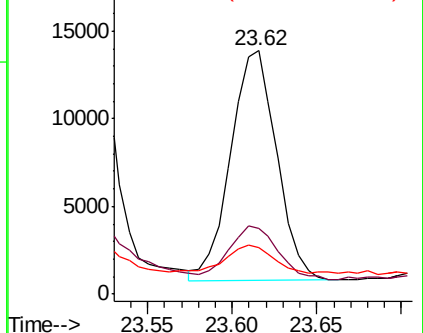
125 19.3 9.1 13.7#

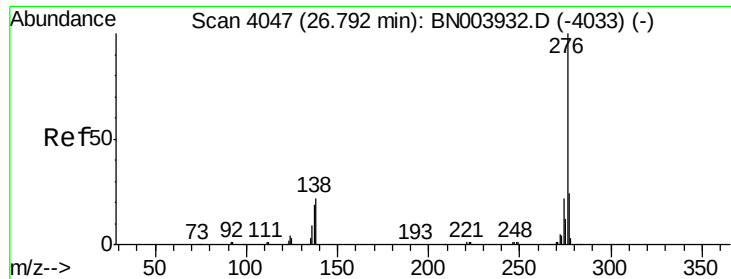


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(g,h,i)perylene

Concen: 3.251 ng/ul

RT: 26.80 min Scan# 4048

Delta R.T. 0.01 min

Lab File: BN003933.D

Acq: 14 Dec 2018 16:11

Instrument :

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ClientSampleId :

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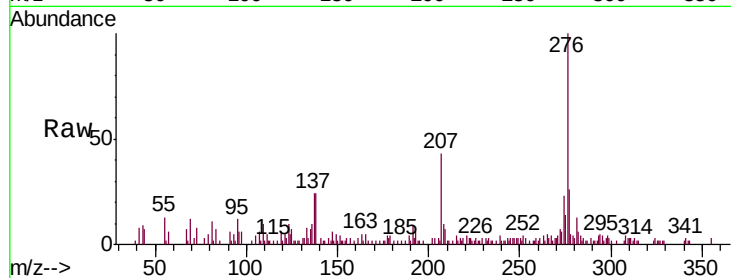
Tgt Ion: 276 Resp: 59365

Ion Ratio Lower Upper

276 100

138 23.6 18.2 27.4

277 25.8 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

