

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004244.D
 Acq On : 27 Dec 2018 17:05
 Operator : JU/SJ
 Sample : J6489-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F86

Quant Time: Dec 28 00:31:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 00:28:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	34053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	165339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	97658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	223954	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	269960	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	294023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2183	4.20	ng/uL	0.00
5) Phenol-d5	6.99	99	55374	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	36696	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	48533	18.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	39734	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	26311	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	30529	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	48791	17.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	59602	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	174987	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	208870	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	23165	12.85	ng/ul	0.00
57) Fluorene-d10	15.45	176	155043	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	22917	14.21	ng/ul	0.00
70) Anthracene-d10	17.31	188	229627	20.29	ng/ul	0.00
78) Pyrene-d10	19.60	212	257876	21.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	314531	19.72	ng/ul	0.01

Target Compounds

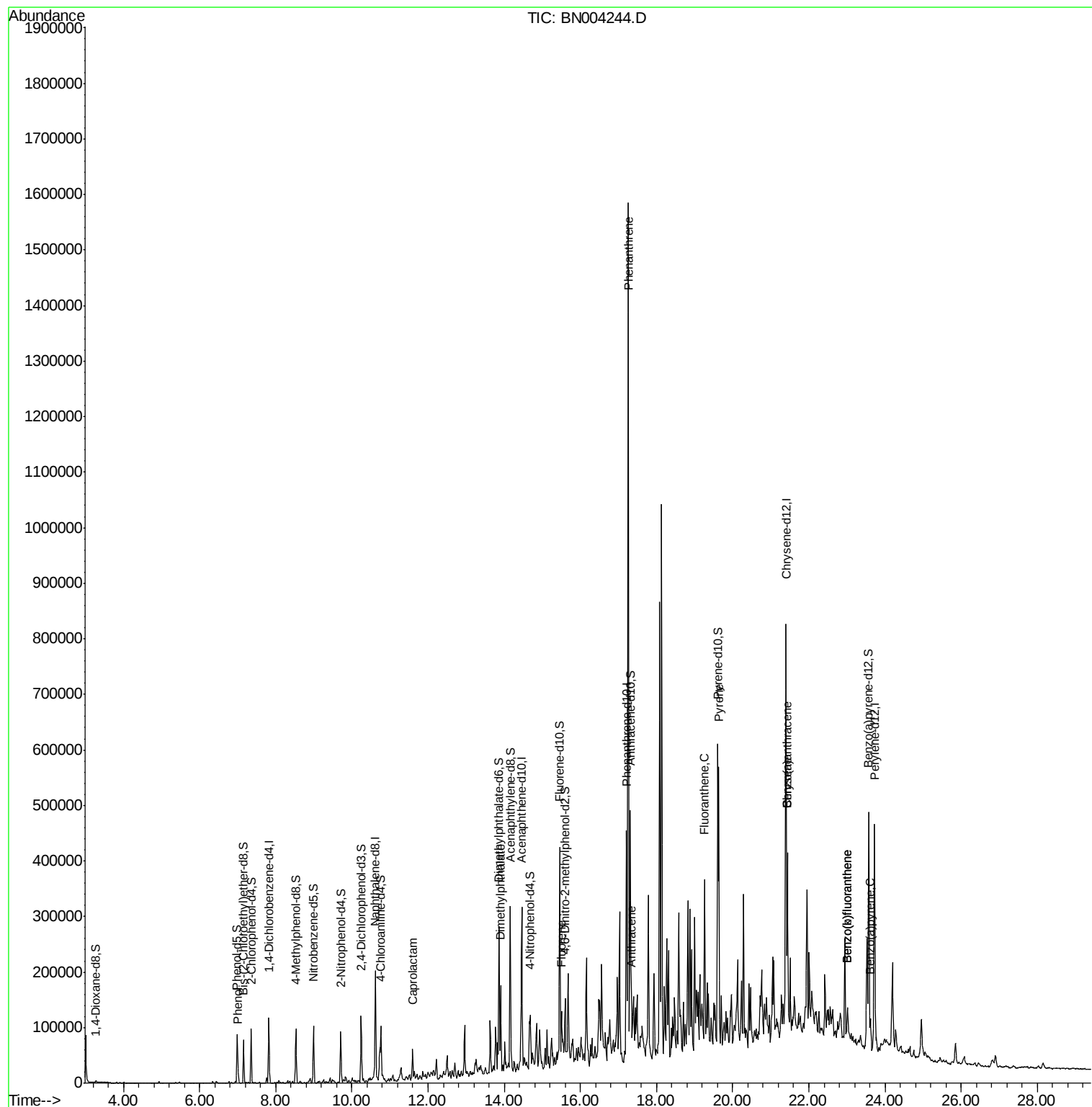
					Qvalue
6) Phenol	7.02	94	11179	3.308	ng/ul 98
32) Caprolactam	11.60	113	2415	2.281	ng/ul# 66
44) Dimethylphthalate	13.91	163	29778	3.499	ng/ul 99
58) Fluorene	15.51	166	40663	4.904	ng/ul 98
69) Phenanthrene	17.26	178	900495	69.591	ng/ul 99
71) Anthracene	17.35	178	48245	3.637	ng/ul 97
76) Fluoranthene	19.27	202	106042	6.686	ng/ul 98
79) Pyrene	19.63	202	271678	18.014	ng/ul 100
82) Benzo(a)anthracene	21.43	228	170493	10.128	ng/ul 94
84) Chrysene	21.43	228	171449	10.873	ng/ul 97
87) Benzo(b)fluoranthene	23.02	252	41354	2.348	ng/ul# 93
88) Benzo(k)fluoranthene	23.02	252	41354	2.508	ng/ul# 92
90) Benzo(a)pyrene	23.62	252	32576	1.921	ng/ul# 94

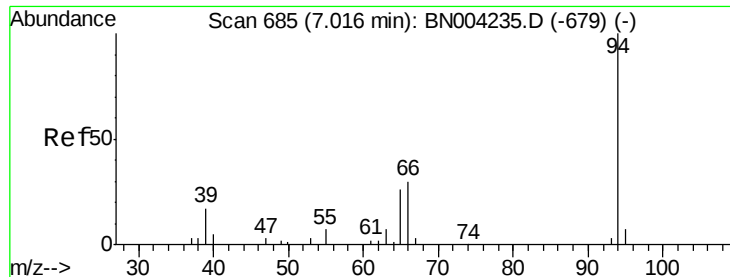
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.308 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

F9F86

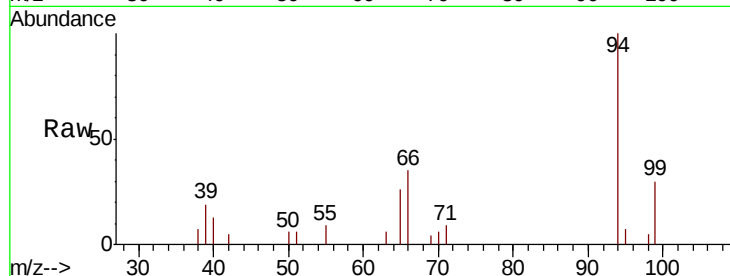
Tgt Ion: 94 Resp: 11179

Ion Ratio Lower Upper

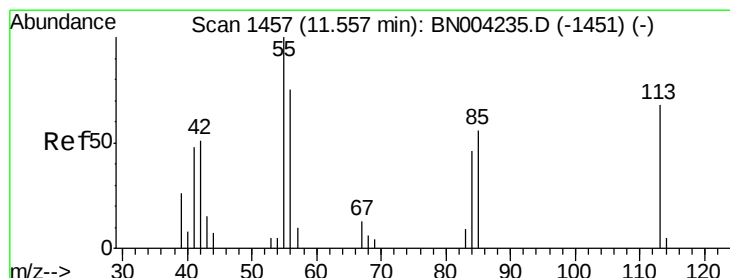
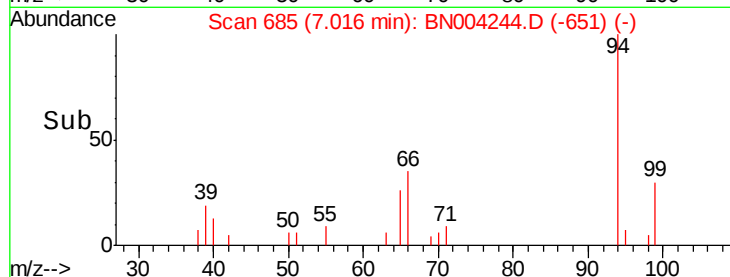
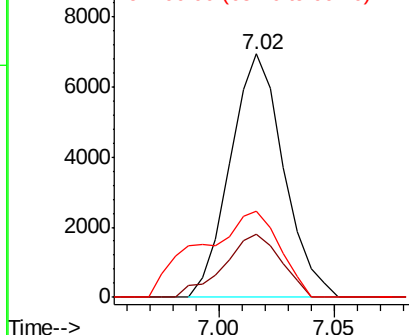
94 100

65 26.1 21.2 31.8

66 35.2 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC



#32

Caprolactam

Concen: 2.281 ng/ul

RT: 11.60 min Scan# 1464

Delta R.T. 0.04 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

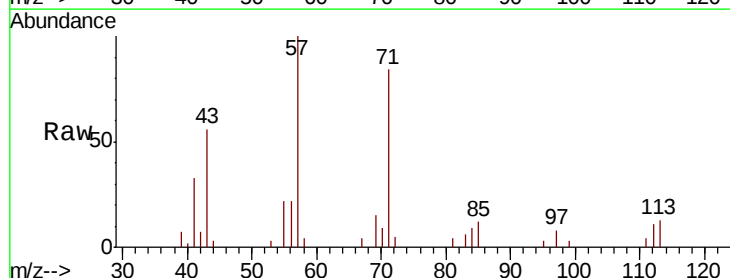
Tgt Ion: 113 Resp: 2415

Ion Ratio Lower Upper

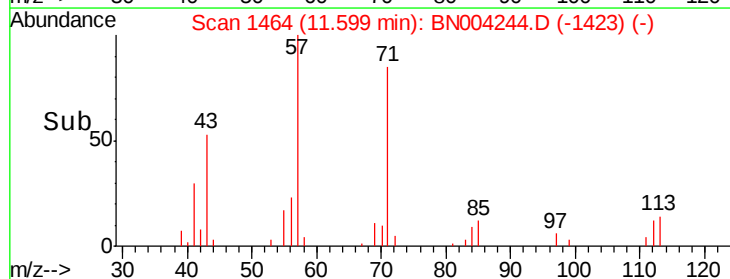
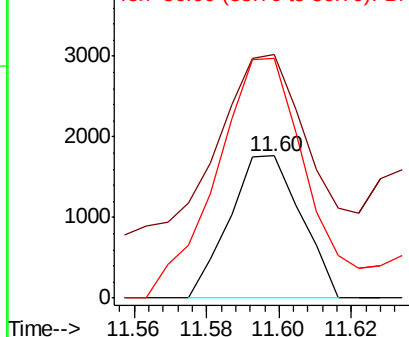
113 100

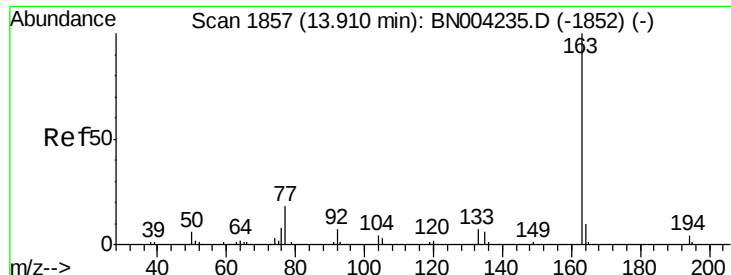
55 171.2 116.6 175.0

56 168.5 89.9 134.9#



Abundance Ion 113.00 (112.70 to 113.70): BNC
Ion 55.00 (54.70 to 55.70): BNC
Ion 56.00 (55.70 to 56.70): BNC





#44

Dimethylphthalate

Concen: 3.499 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

F9F86

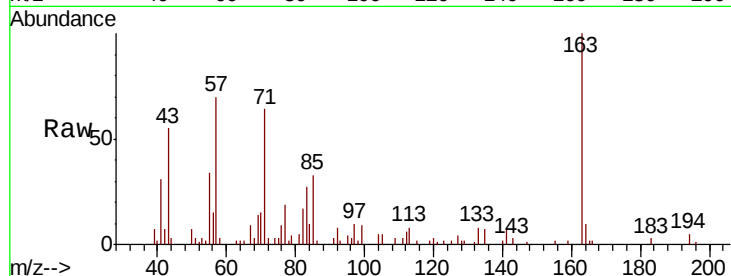
Tgt Ion:163 Resp: 29778

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

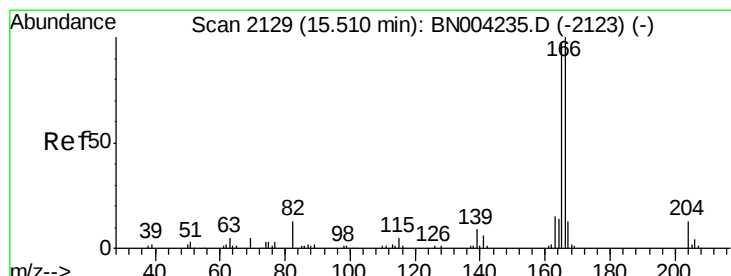
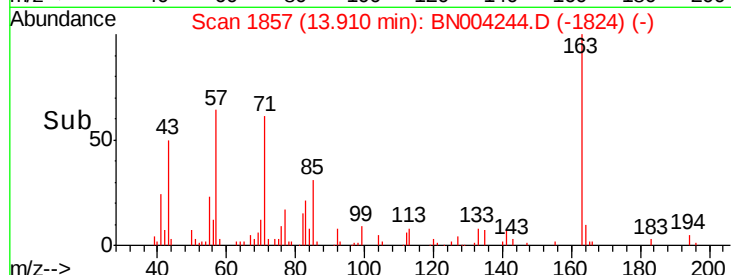
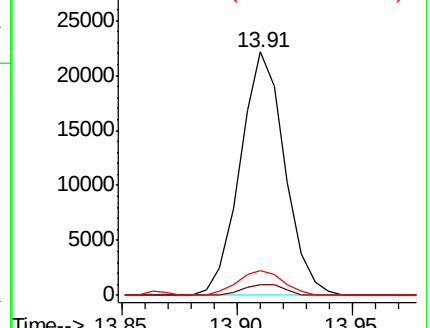
164 10.3 7.9 11.9



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



#58

Fluorene

Concen: 4.904 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

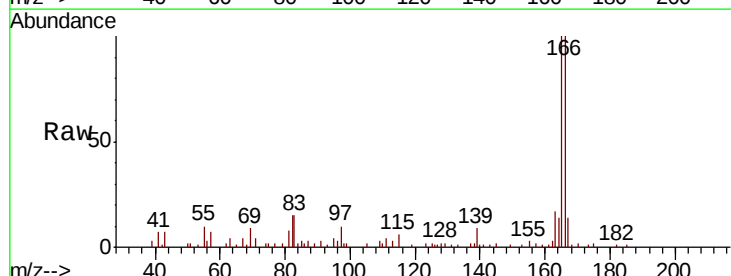
Tgt Ion:166 Resp: 40663

Ion Ratio Lower Upper

166 100

165 100.1 78.6 117.8

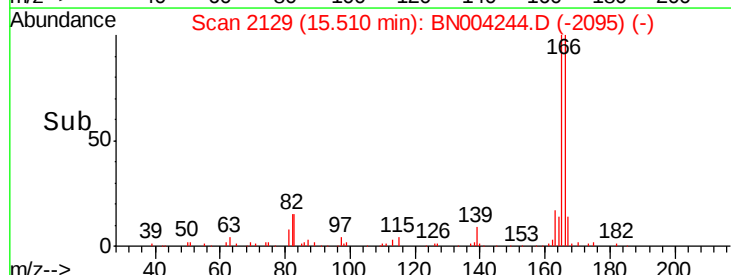
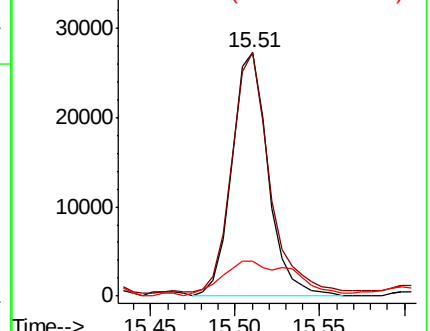
167 14.4 10.3 15.5

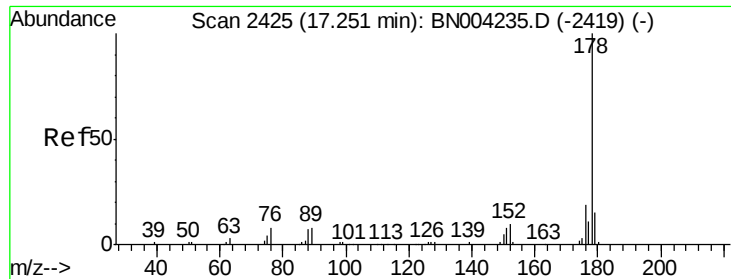


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 69.591 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

F9F86

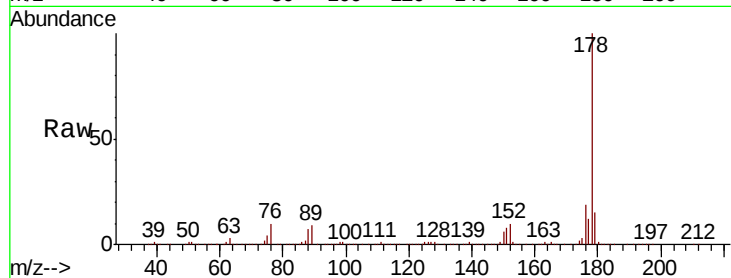
Tgt Ion:178 Resp: 900495

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

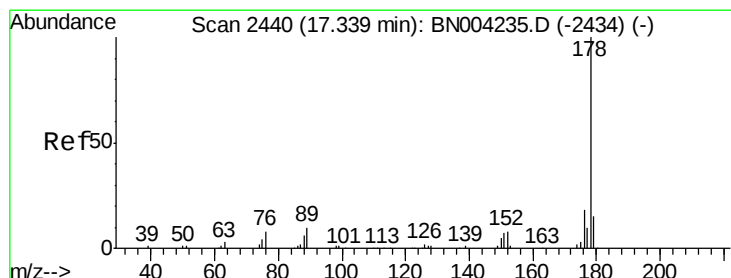
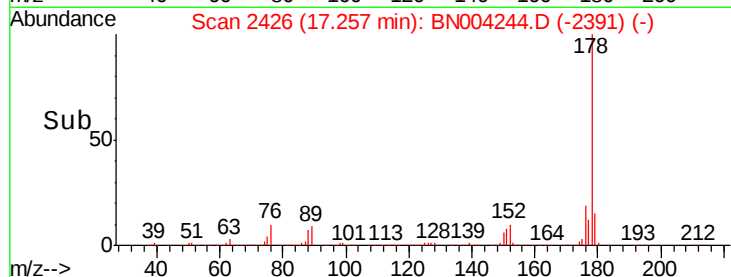
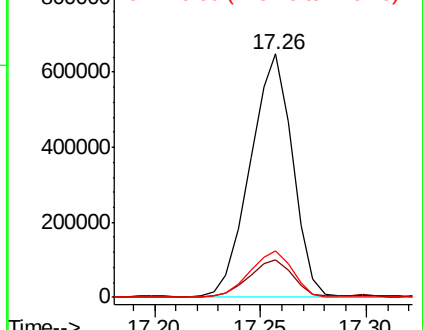
176 19.0 15.0 22.6



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: 3.637 ng/ul

RT: 17.35 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

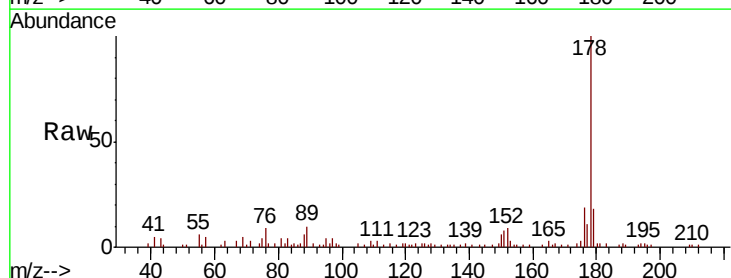
Tgt Ion:178 Resp: 48245

Ion Ratio Lower Upper

178 100

179 17.8 12.1 18.1

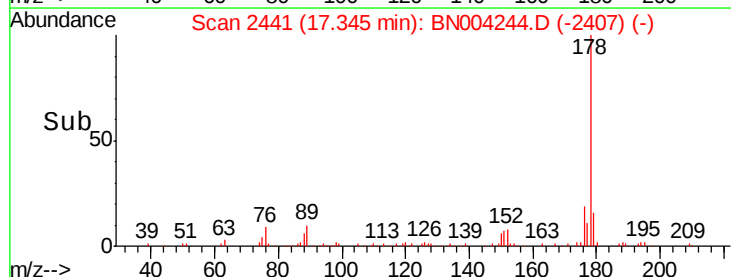
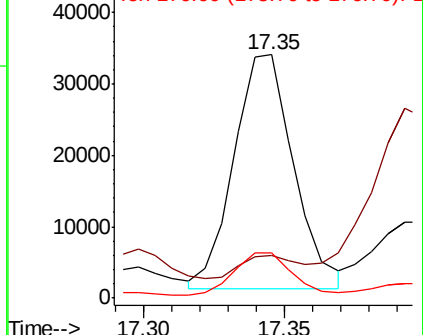
176 18.7 15.2 22.8

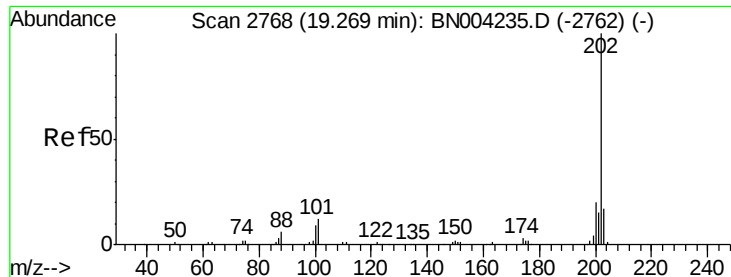


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 6.686 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

F9F86

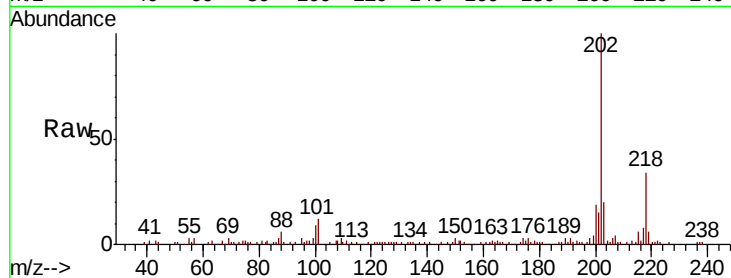
Tgt Ion:202 Resp: 106042

Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.2

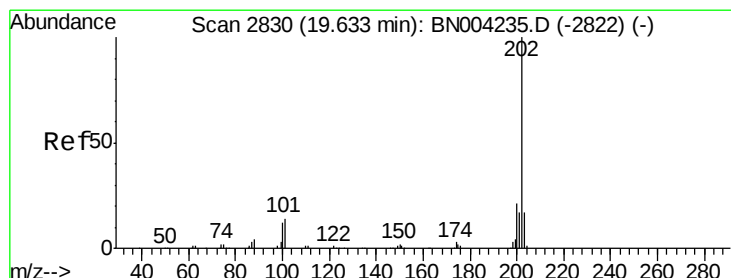
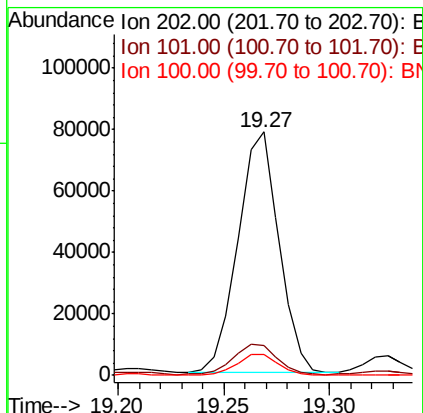
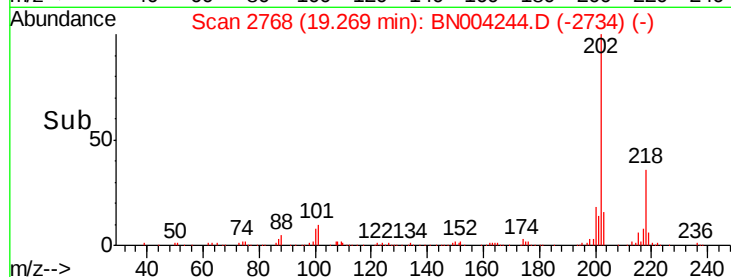
100 8.7 7.8 11.8



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: 18.014 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

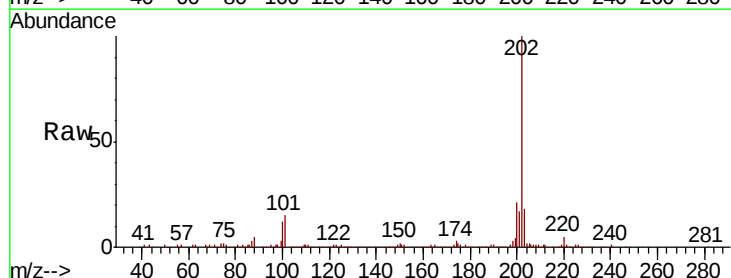
Tgt Ion:202 Resp: 271678

Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

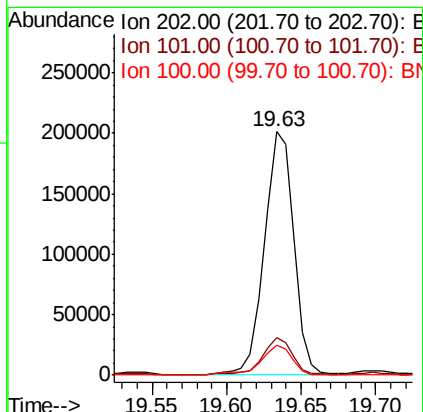
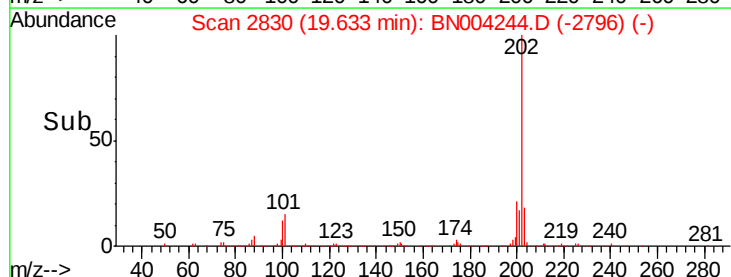
100 12.1 9.9 14.9

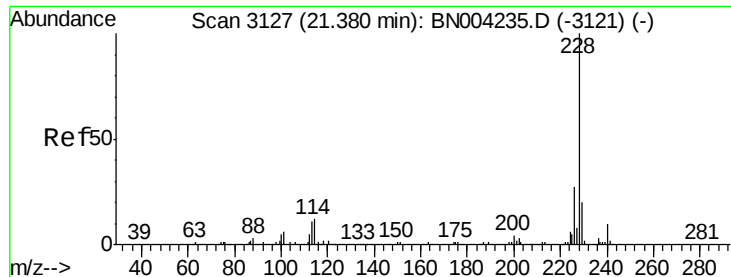


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 10.128 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.05 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

F9F86

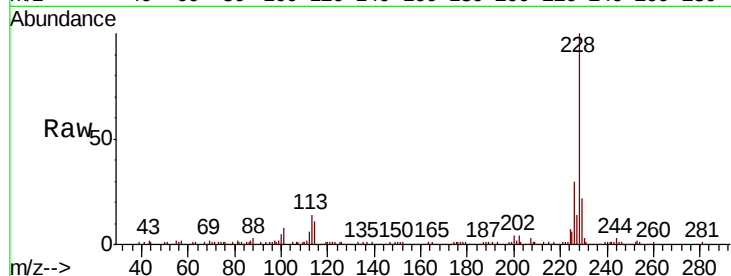
Tgt Ion:228 Resp: 170493

Ion Ratio Lower Upper

228 100

229 22.4 15.9 23.9

226 30.5 21.4 32.2

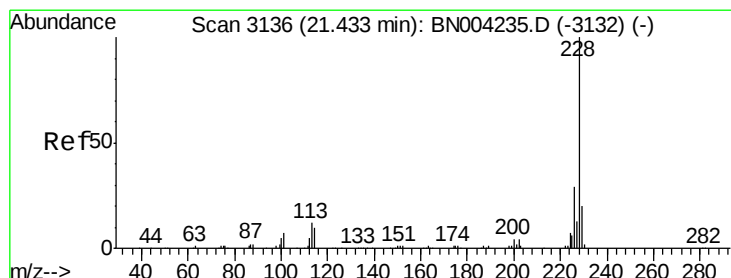
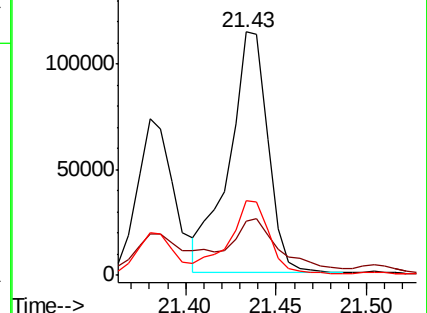
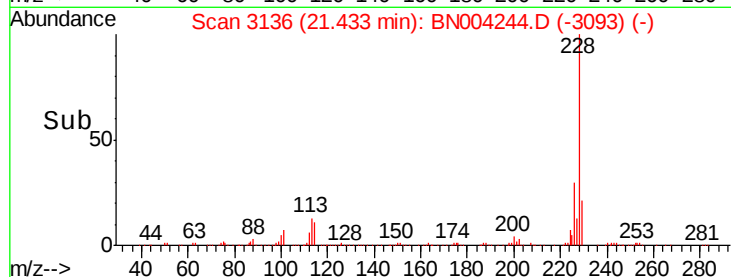


Abundance

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: 10.873 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

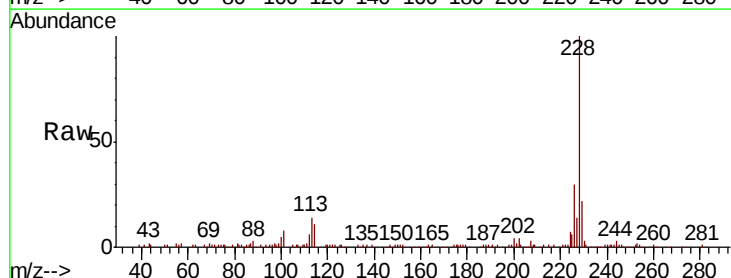
Tgt Ion:228 Resp: 171449

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 22.4 15.8 23.6

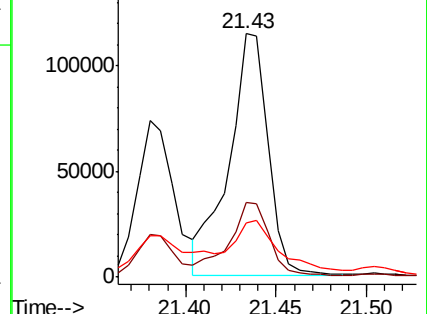
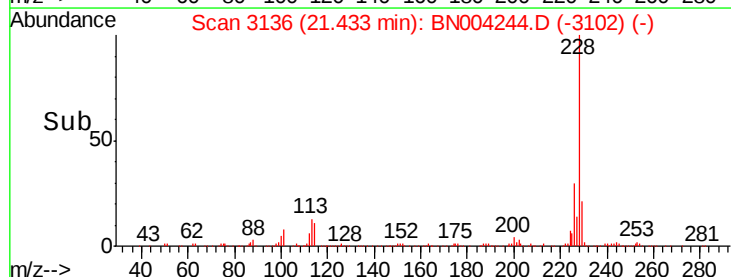


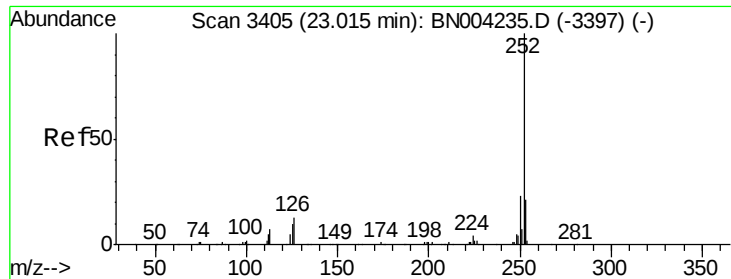
Abundance

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: 2.348 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampled :

F9F86

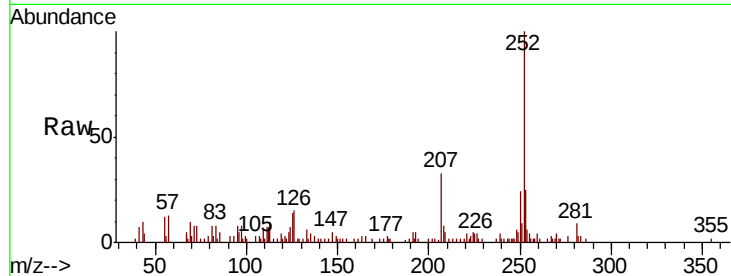
Tgt Ion:252 Resp: 41354

Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

125 13.8 8.2 12.4#

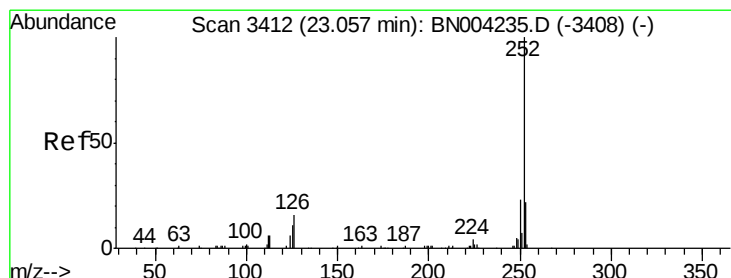
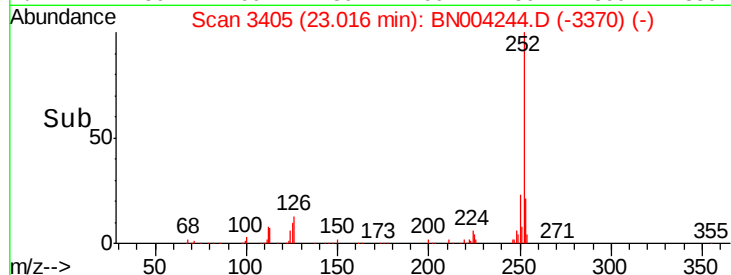
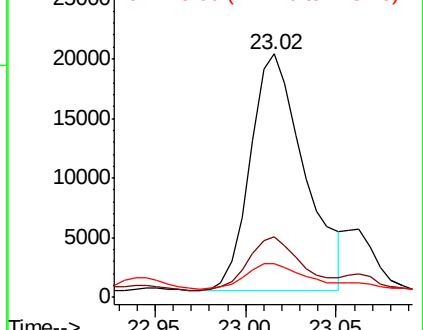


Abundance

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: 2.508 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BN004244.D

Acq: 27 Dec 2018 17:05

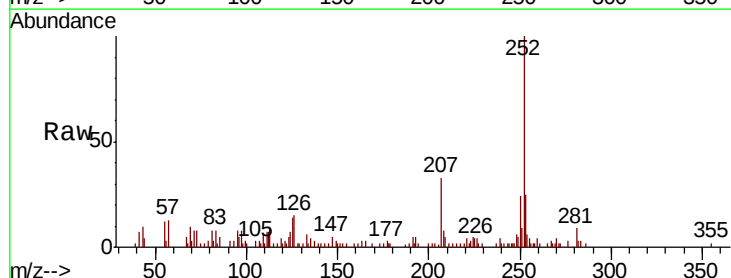
Tgt Ion:252 Resp: 41354

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

125 13.8 7.9 11.9#

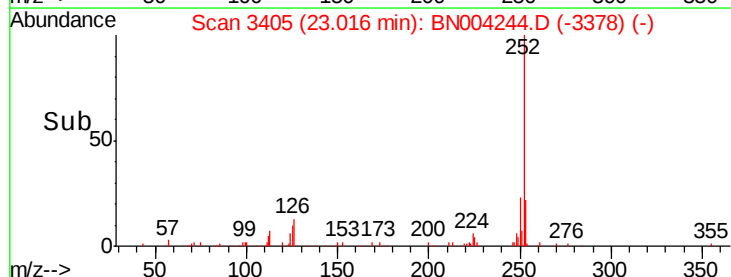
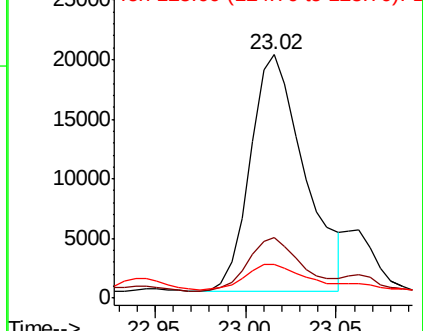


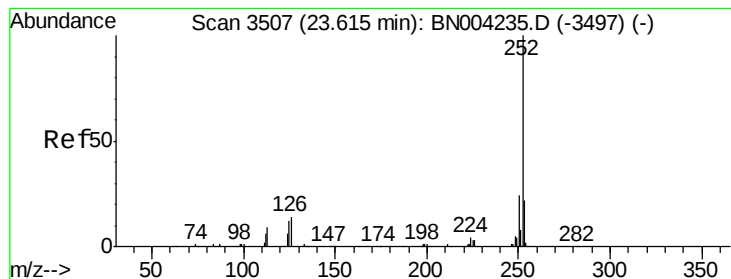
Abundance

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: 1.921 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BN004244.D

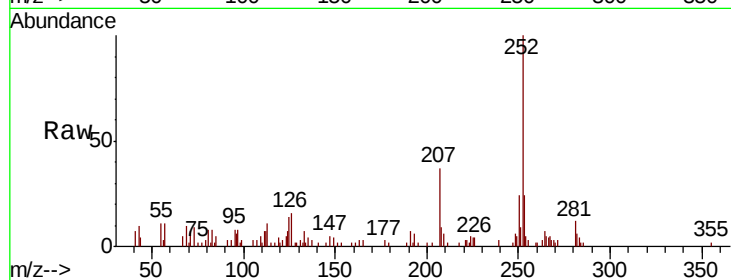
Acq: 27 Dec 2018 17:05

Instrument :

MSVOA_W

ClientSampleId :

F9F86



Tgt Ion: 252 Resp: 32576

Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

125 14.1 9.1 13.7#

