

Data File : BN003214.D
Acq On : 19 Oct 2018 19:37
Operator : MJ/SJ
Sample : J5459-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SVOC-GPC-BLANK

Quant Time: Oct 20 05:06:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	72767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	329822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	219570	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	534984	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	645893	20.00	ng/ul	0.01
85) Perylene-d12	23.43	264	702062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.32	176	283	0.02	ng/ul	0.07
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.01	188	534984	20.20	ng/ul	-0.09
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.43	264	656653	17.30	ng/ul	0.15

Target Compounds

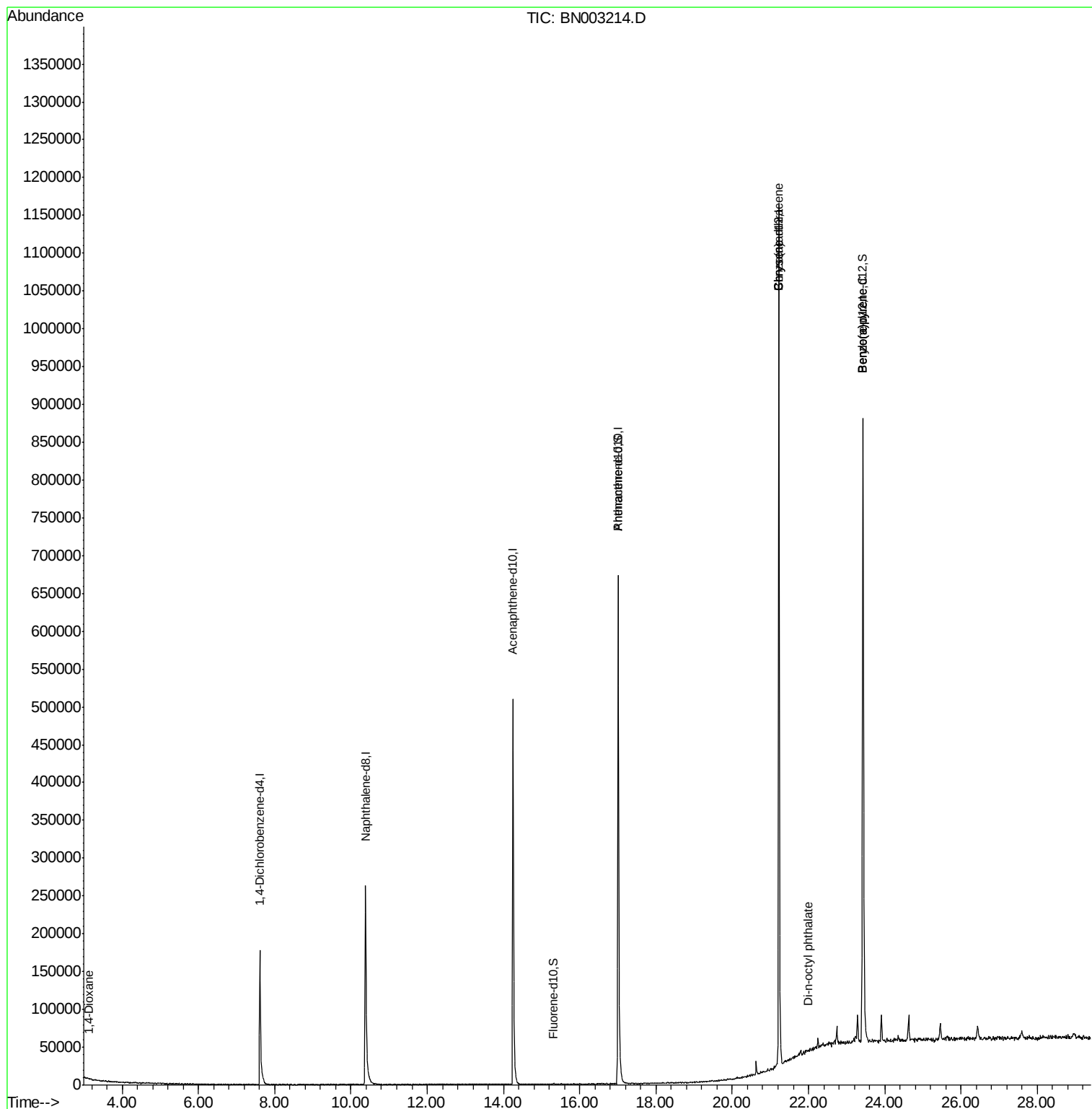
					Qvalue	
2) 1,4-Dioxane	3.13	88	228	0.140	ng/uL#	19
82) Benzo(a)anthracene	21.22	228	1148	0.028	ng/ul#	52
84) Chrysene	21.22	228	1148	0.030	ng/ul#	50
86) Di-n-octyl phthalate	22.00	149	419	0.009	ng/ul#	1
90) Benzo(a)pyrene	23.43	252	2199	0.054	ng/ul#	59

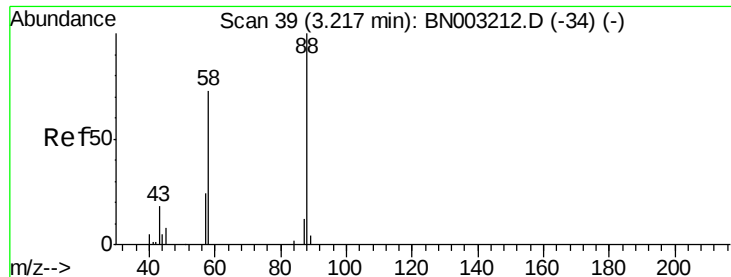
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.140 ng/uL

RT: 3.13 min Scan# 24

Delta R.T. -0.09 min

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Acq: 19 Oct 2018 19:37

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC-BLANK

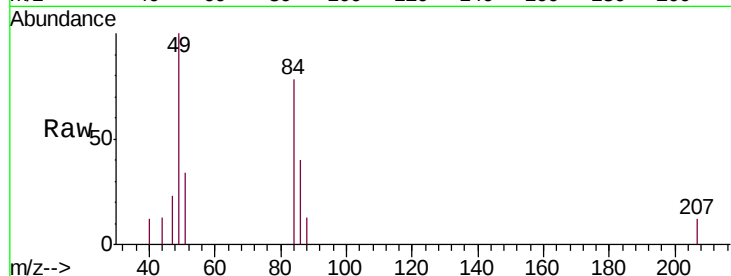
Tgt Ion: 88 Resp: 228

Ion Ratio Lower Upper

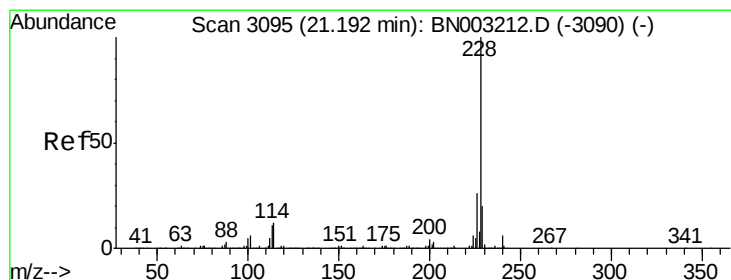
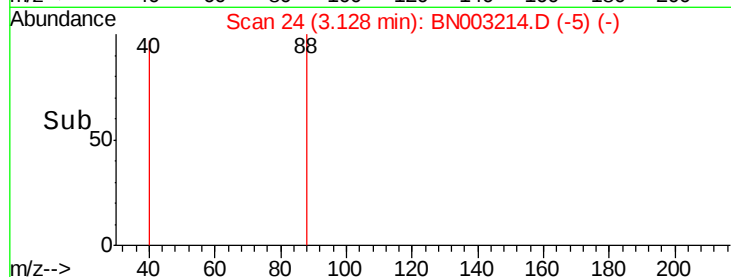
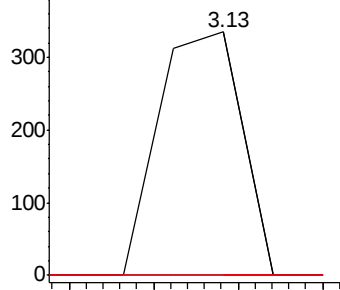
88 100

43 0.0 23.3 34.9#

58 0.0 64.4 96.6#



Abundance Ion 88.00 (87.70 to 88.70): BNO
Ion 43.00 (42.70 to 43.70): BNO
Ion 58.00 (57.70 to 58.70): BNO



#82

Benzo(a)anthracene

Concen: 0.028 ng/uL

RT: 21.22 min Scan# 3100

Delta R.T. 0.03 min

Lab File: BN003214.D

Acq: 19 Oct 2018 19:37

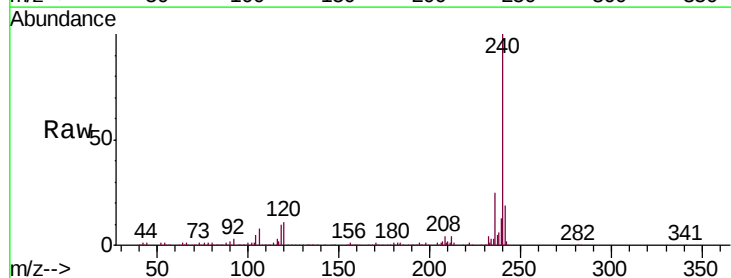
Tgt Ion: 228 Resp: 1148

Ion Ratio Lower Upper

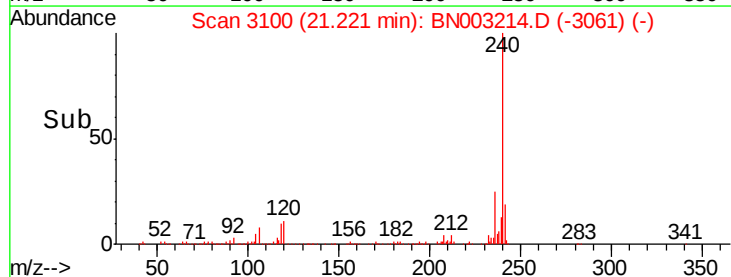
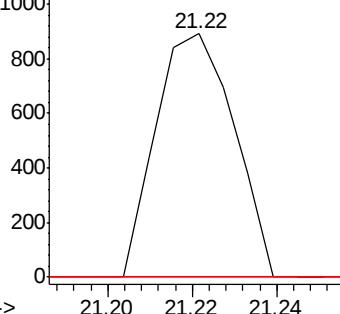
228 100

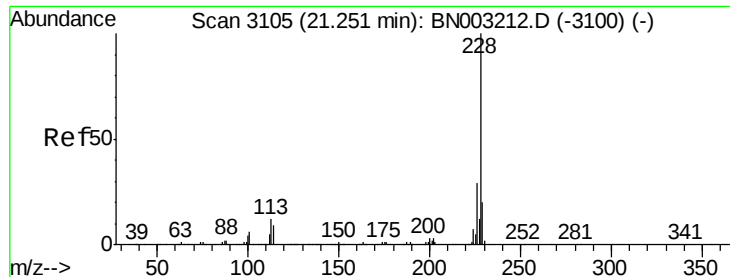
229 0.0 15.4 23.2#

226 0.0 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: 0.030 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.03 min

Lab File: BN003214.D

Acq: 19 Oct 2018 19:37

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC-BLANK

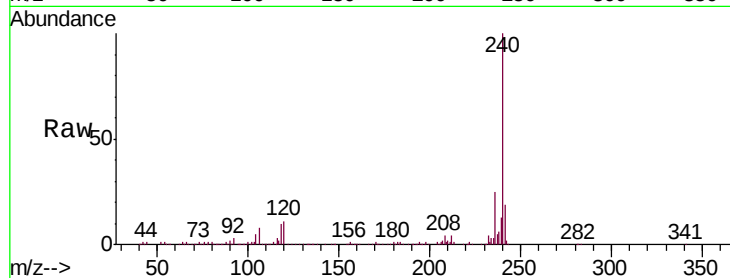
Tgt Ion:228 Resp: 1148

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

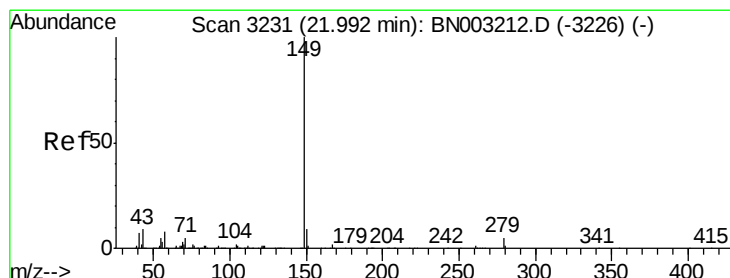
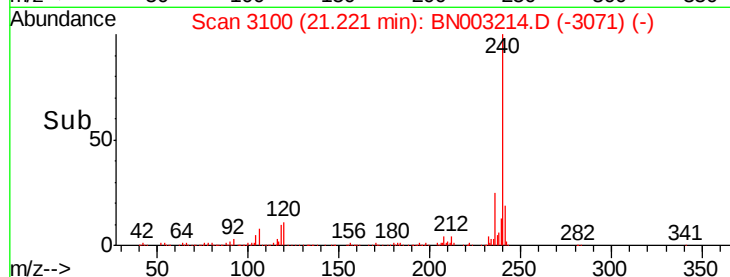
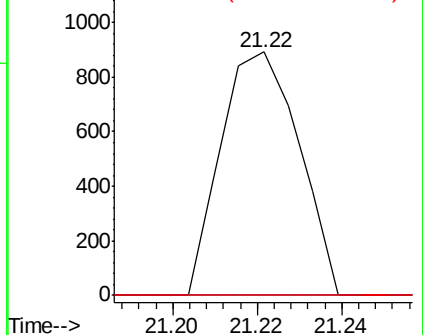
229 0.0 15.7 23.5#



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



#86

Di-n-octyl phthalate

Concen: 0.009 ng/ul

RT: 22.00 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BN003214.D

Acq: 19 Oct 2018 19:37

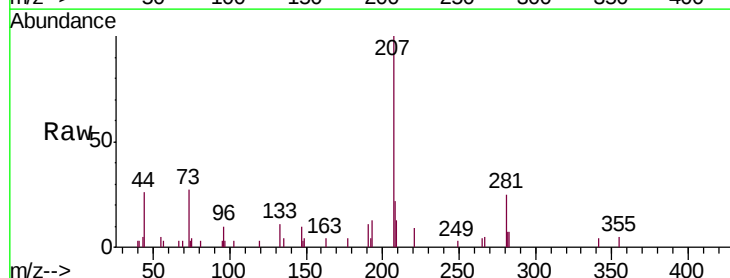
Tgt Ion:149 Resp: 419

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

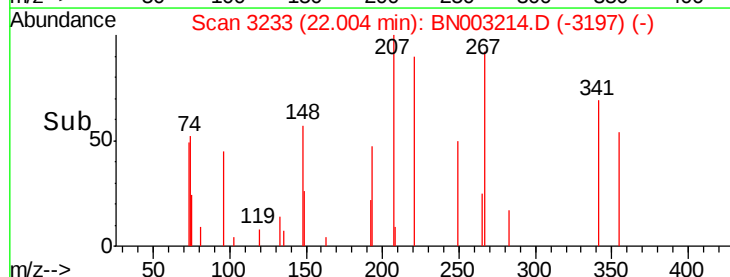
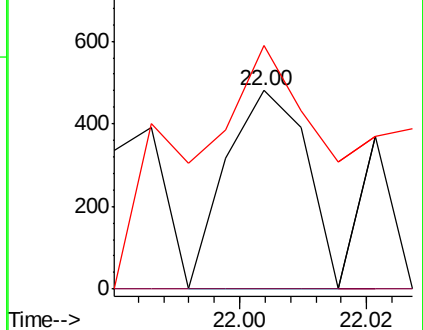
43 122.7 6.8 10.2#

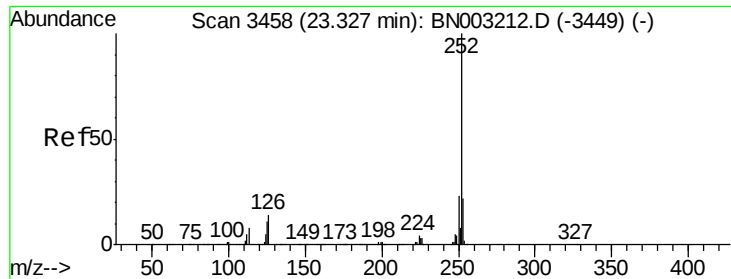


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#90

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. 0.10 min

Lab File: BN003214.D

Acq: 19 Oct 2018 19:37

Instrument :

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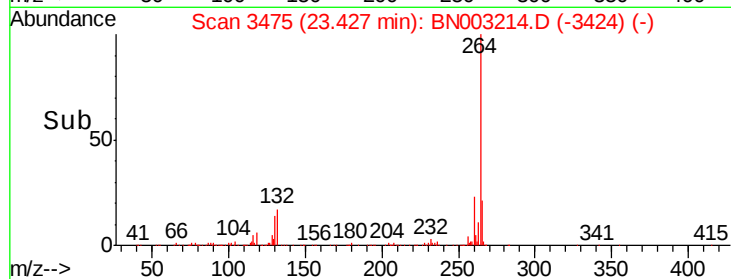
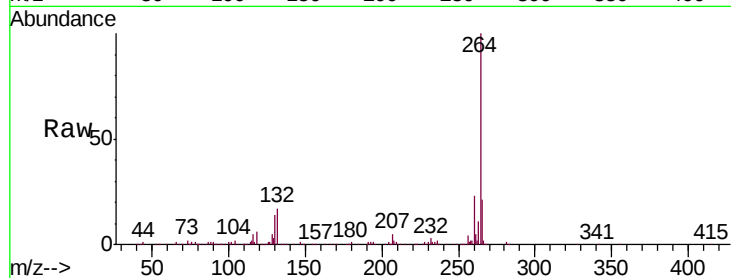
Tgt Ion:252 Resp: 2199

Ion Ratio Lower Upper

252 100

253 43.9 17.5 26.3#

125 0.0 10.0 15.0#



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

