

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004193.D
 Acq On : 22 Dec 2018 11:06
 Operator : JU/SJ
 Sample : J6412-06
 Misc : GC-MS Confirmation
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 24 07:11:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 24 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	27671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	132836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	84397	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	190756	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	208741	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	194469	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	7.18	67	2965	2.00	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.45	113	384	0.17	ng/ul	-0.08
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	10.72	131	10923	5.34	ng/ul	-0.05
43) Dimethylphthalate-d6	13.75	166	366	0.05	ng/ul	-0.12
46) Acenaphthylene-d8	14.03	160	332	0.04	ng/ul	-0.13
51) 4-Nitrophenol-d4	14.66	143	1335	0.86	ng/ul	-0.02
57) Fluorene-d10	15.46	176	594	0.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	775	0.56	ng/ul	0.00
70) Anthracene-d10	17.21	188	190756	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.73	264	192021	18.20	ng/ul	0.15

Target Compounds

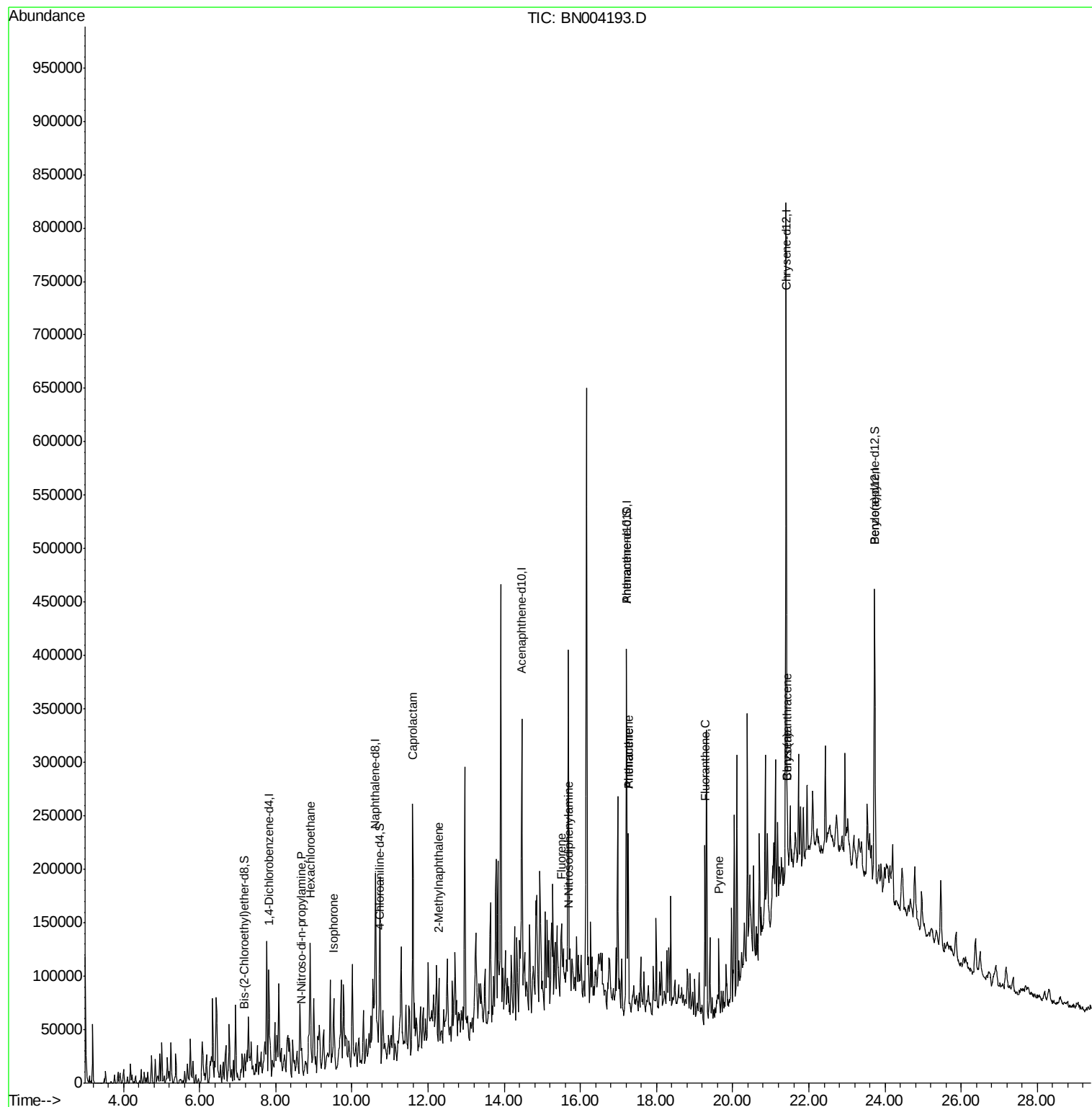
					Ovalue	
15) N-Nitroso-di-n-propylamine	8.68	70	4823	2.865	ng/ul#	63
17) Hexachloroethane	8.91	117	5773	7.461	ng/ul#	6
21) Isophorone	9.52	82	7833	1.655	ng/ul#	1
32) Caprolactam	11.60	113	10658	12.529	ng/ul#	68
34) 2-Methylnaphthalene	12.28	142	30282	5.642	ng/ul	97
58) Fluorene	15.51	166	16399	2.288	ng/ul#	98
64) N-Nitrosodiphenylamine	15.71	169	7541	1.306	ng/ul#	40
69) Phenanthrene	17.26	178	94097	8.537	ng/ul	99
71) Anthracene	17.26	178	94097	8.329	ng/ul	99
76) Fluoranthene	19.27	202	89323	6.612	ng/ul	98
79) Pyrene	19.64	202	39446	3.383	ng/ul	98
82) Benzo(a)anthracene	21.43	228	24548	1.886	ng/ul	94
84) Chrysene	21.43	228	24548	2.013	ng/ul	97

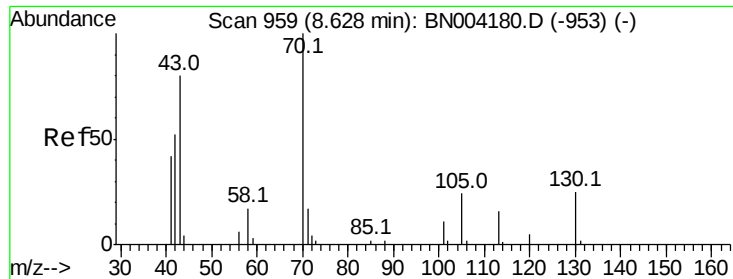
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 2.865 ng/ul

RT: 8.68 min Scan# 968

Delta R.T. 0.05 min

Lab File: BN004193.D

Acq: 22 Dec 2018 11:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 4823

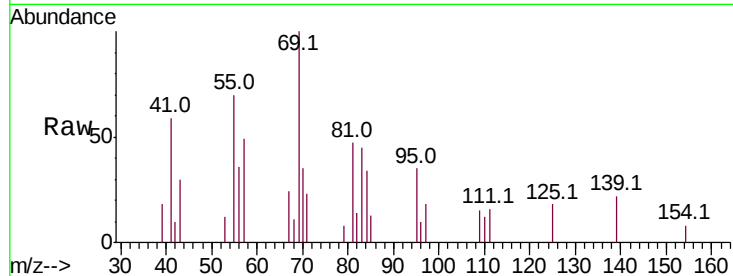
Ion Ratio Lower Upper

70 100

42 29.8 42.3 63.5#

101 0.0 8.7 13.1#

130 0.0 20.2 30.2#

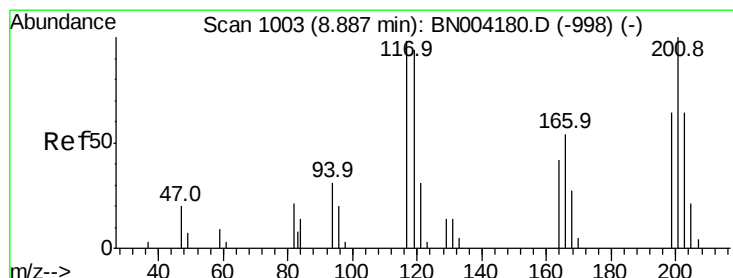
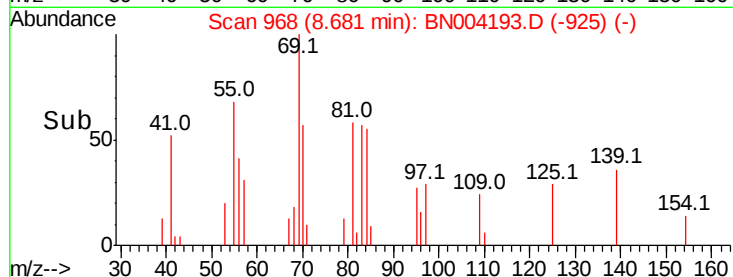
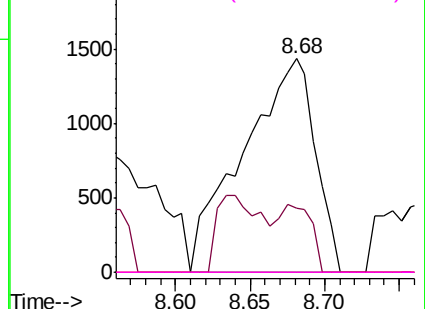


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 7.461 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BN004193.D

Acq: 22 Dec 2018 11:06

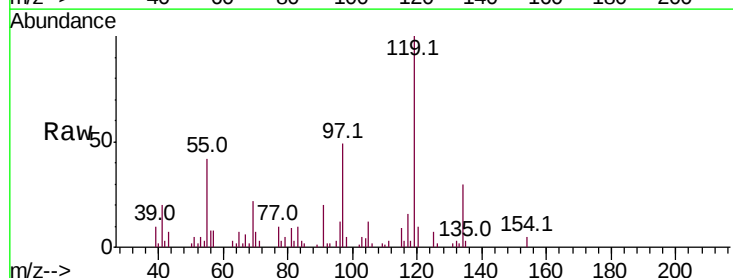
Tgt Ion: 117 Resp: 5773

Ion Ratio Lower Upper

117 100

201 0.0 82.1 123.1#

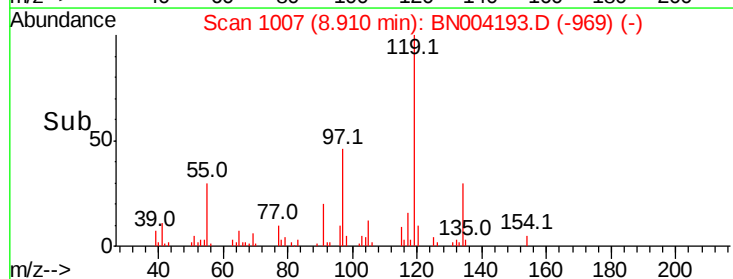
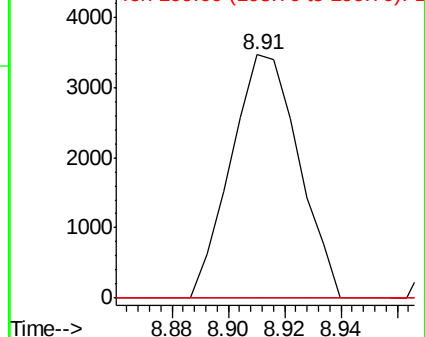
199 0.0 50.6 76.0#

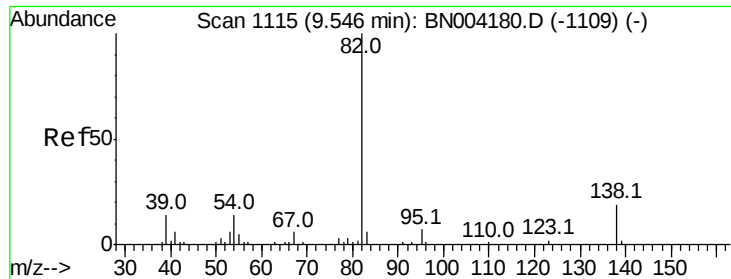


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 1.655 ng/ul

RT: 9.52 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BN004193.D

Acq: 22 Dec 2018 11:06

Instrument :

BNA_N

ClientSampleId :

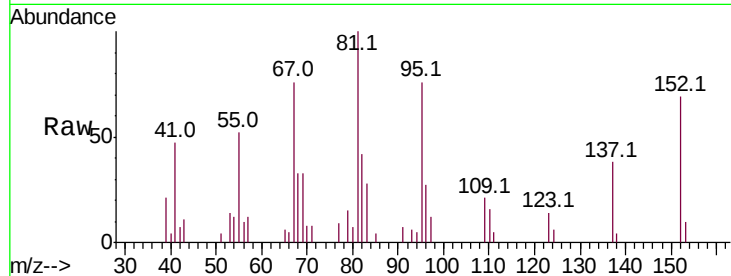
Tot Ion: 82 Resp: 7833

Ion Ratio Lower Upper

82 100

95 182.5 5.6 8.4#

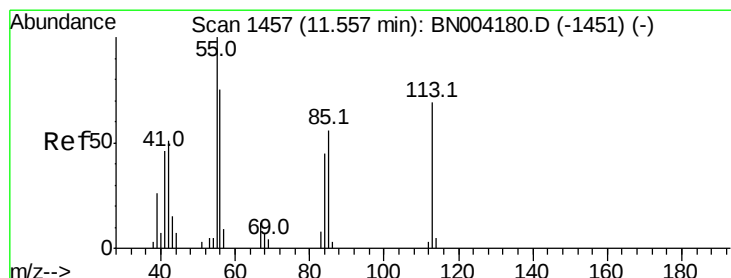
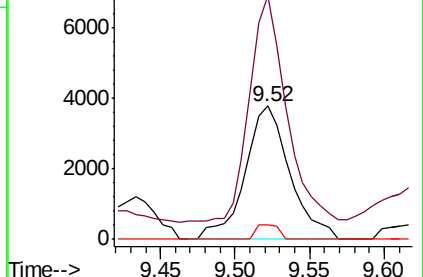
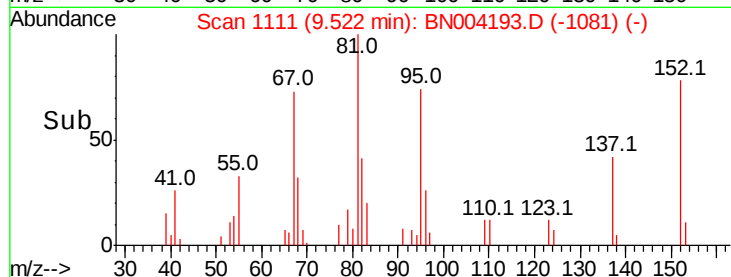
138 10.4 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BN004180.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BN004180.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BN004180.D (-1109) (-)



#32

Caprolactam

Concen: 12.529 ng/ul

RT: 11.60 min Scan# 1465

Delta R.T. 0.05 min

Lab File: BN004193.D

Acq: 22 Dec 2018 11:06

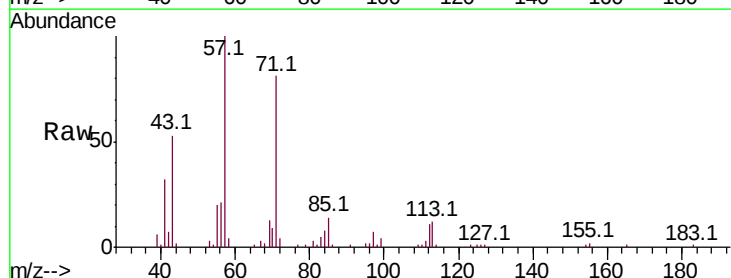
Tgt Ion: 113 Resp: 10658

Ion Ratio Lower Upper

113 100

55 163.5 116.6 175.0

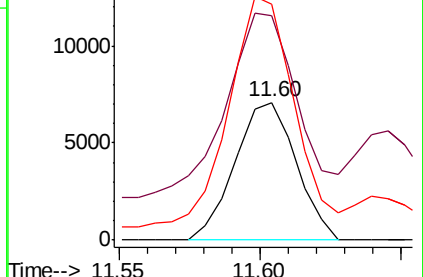
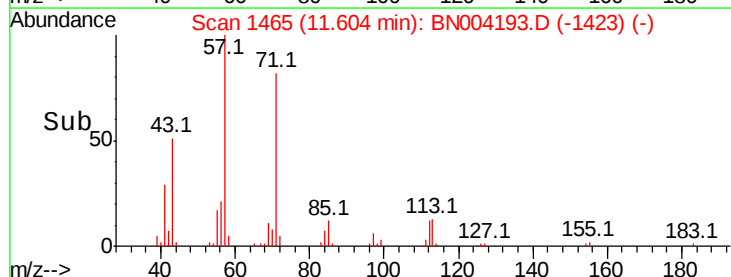
56 171.8 89.9 134.9#

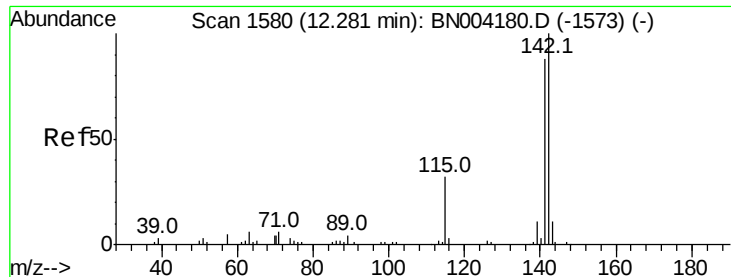


Abundance Ion 113.00 (112.70 to 113.70): BN004180.D (-1451) (-)

Ion 55.00 (54.70 to 55.70): BN004180.D (-1451) (-)

Ion 56.00 (55.70 to 56.70): BN004180.D (-1451) (-)

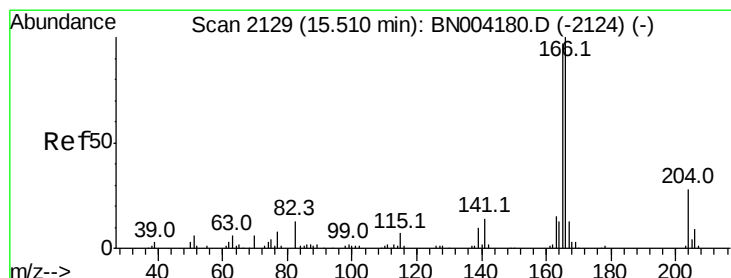
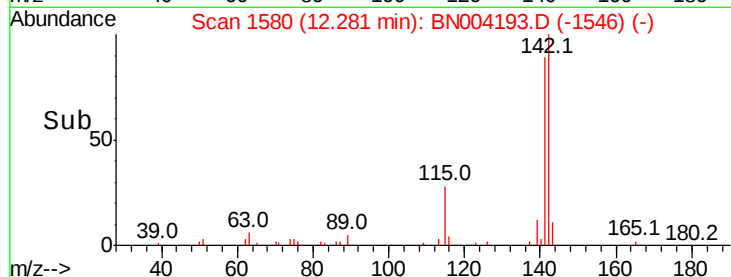
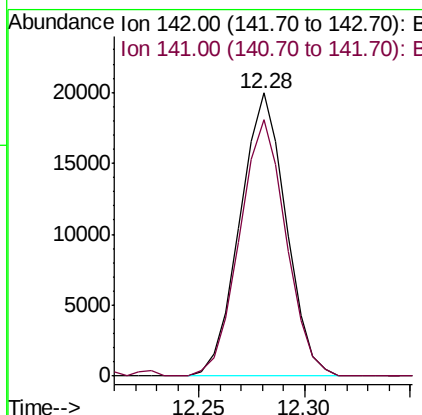
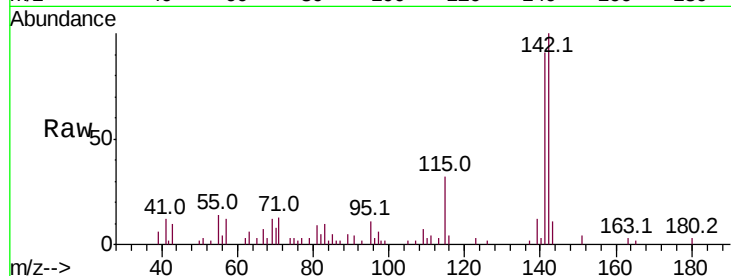




#34
 2-Methylnaphthalene
 Concen: 5.642 ng/ul
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

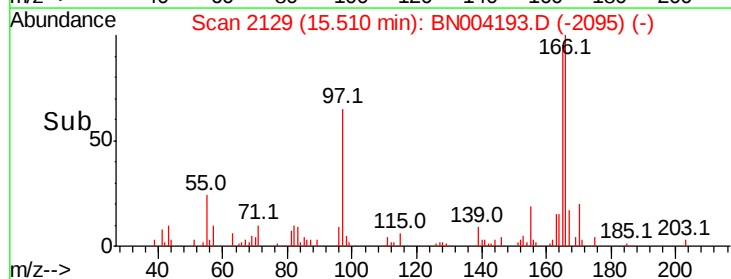
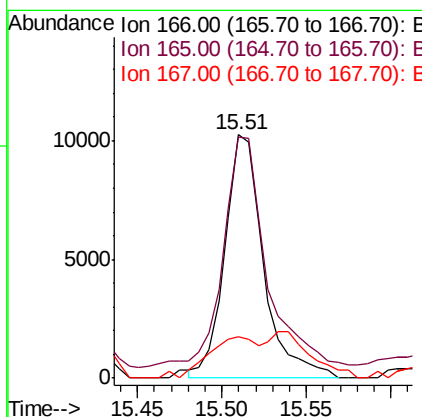
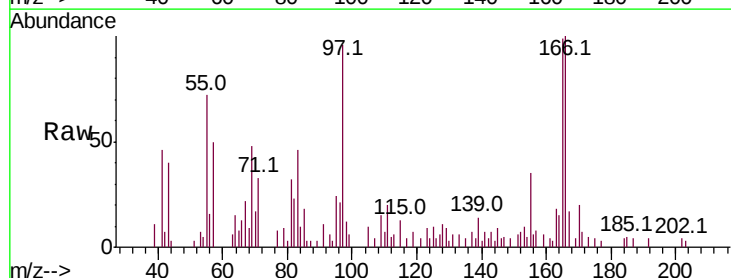
Instrument :
 BNA_N
 ClientSampleId :

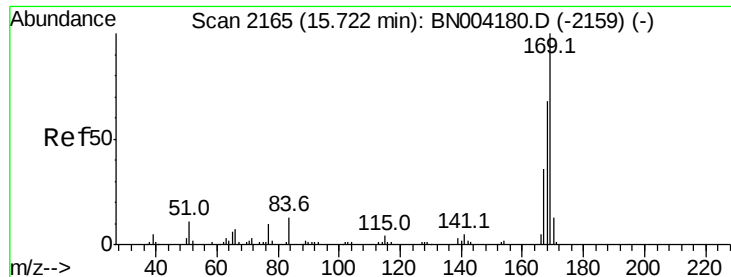
Tot Ion:142 Resp: 30282
 Ion Ratio Lower Upper
 142 100
 141 90.8 70.2 105.2



#58
 Fluorene
 Concen: 2.288 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

Tgt Ion:166 Resp: 16399
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 117.8
 167 17.0 10.3 15.5#



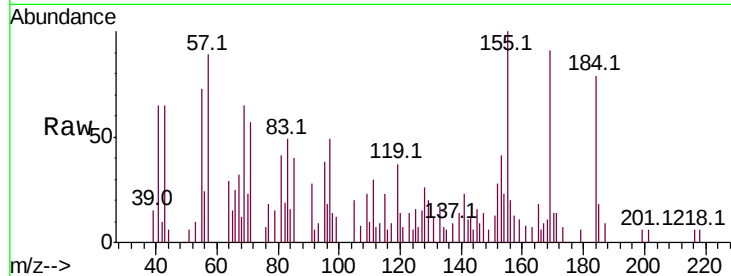


#64

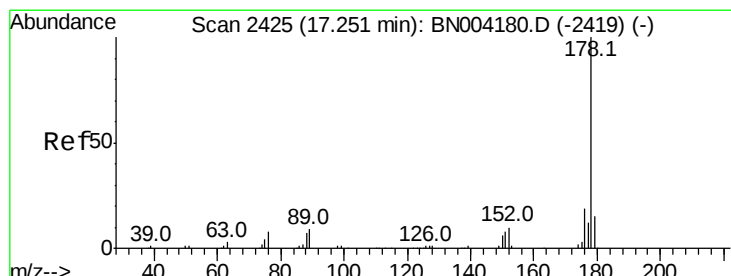
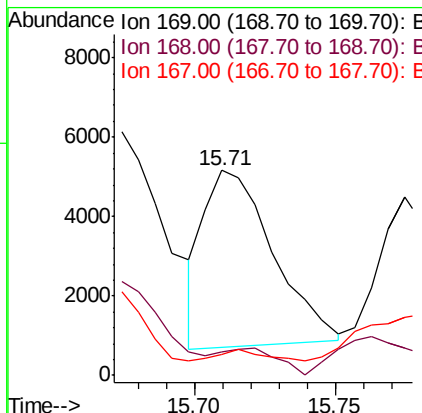
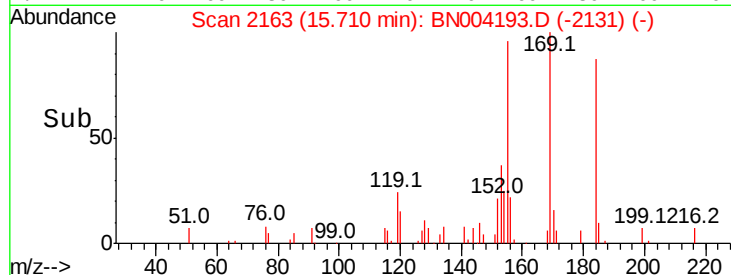
N-Nitrosodiphenylamine
 Concen: 1.306 ng/ul
 RT: 15.71 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 7541
 Ion Ratio Lower Upper
 169 100
 168 11.8 53.7 80.5#
 167 10.2 28.6 42.8#



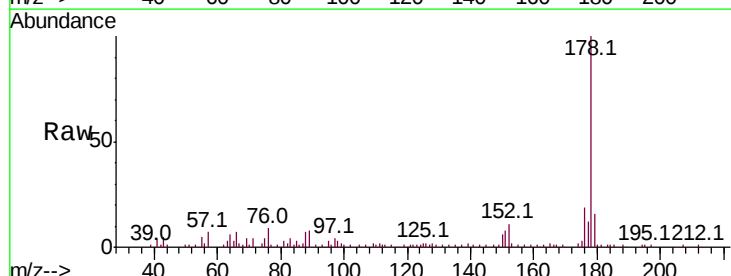
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



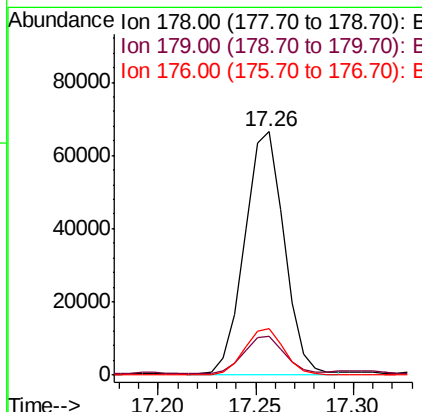
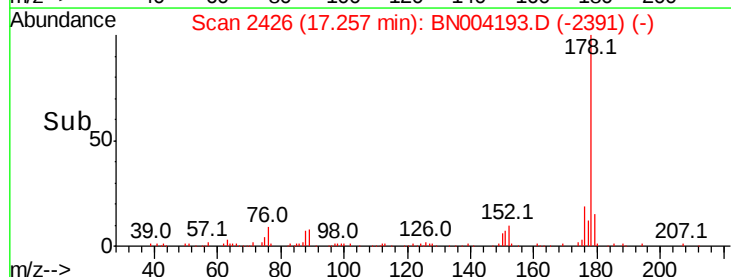
#69

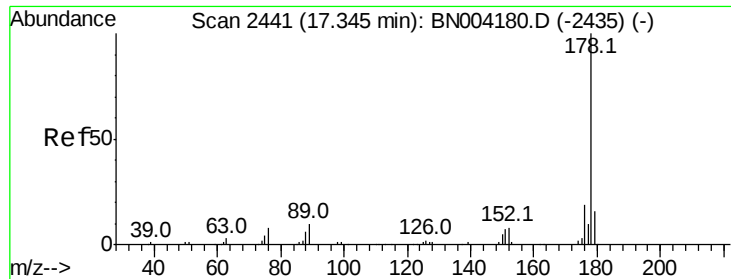
Phenanthrene
 Concen: 8.537 ng/ul
 RT: 17.26 min Scan# 2426
 Delta R.T. 0.01 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

Tgt Ion:178 Resp: 94097
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.1 18.1
 176 19.1 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

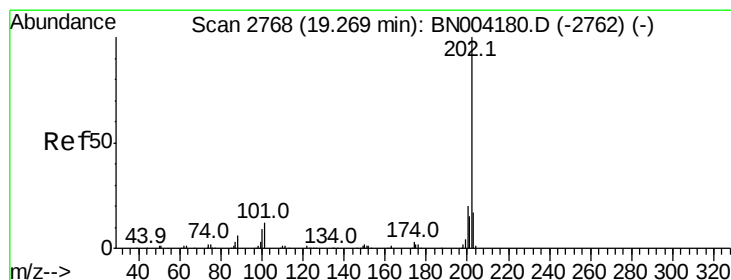
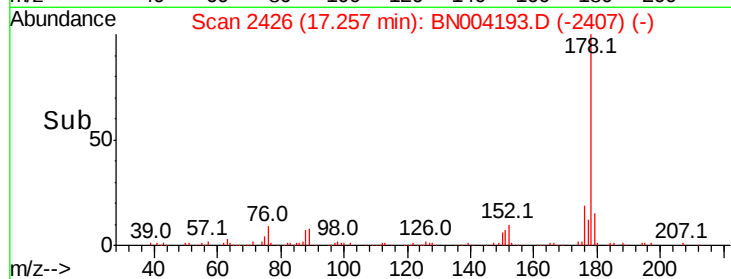
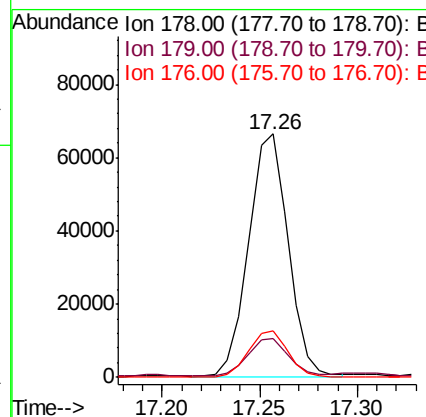
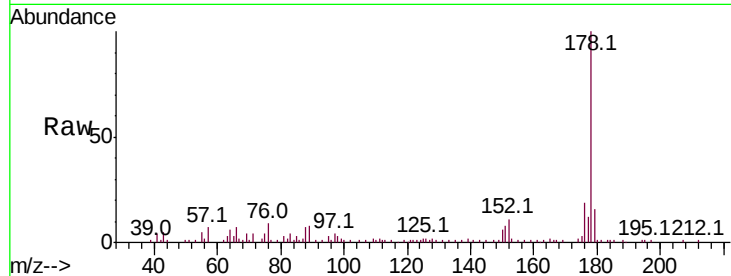




#71
 Anthracene
 Concen: 8.329 ng/ul
 RT: 17.26 min Scan# 2426
 Delta R.T. -0.09 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

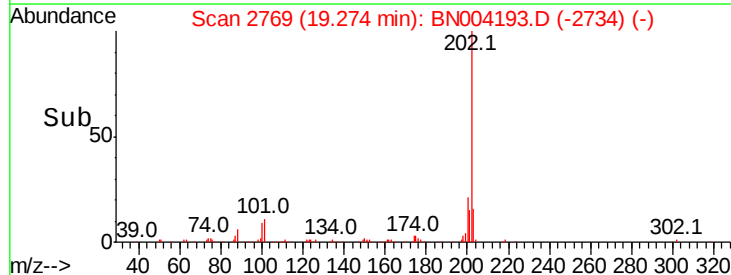
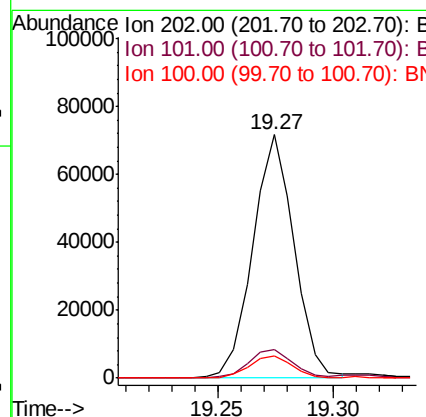
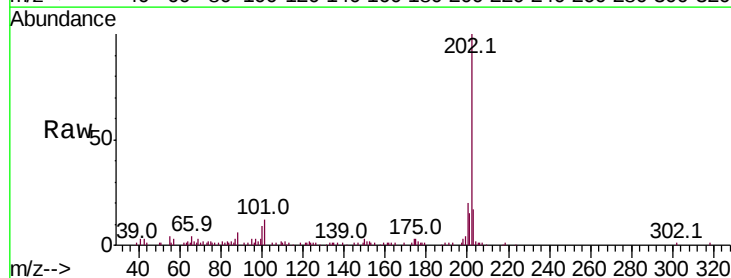
Instrument :
 BNA_N
 ClientSampleId :

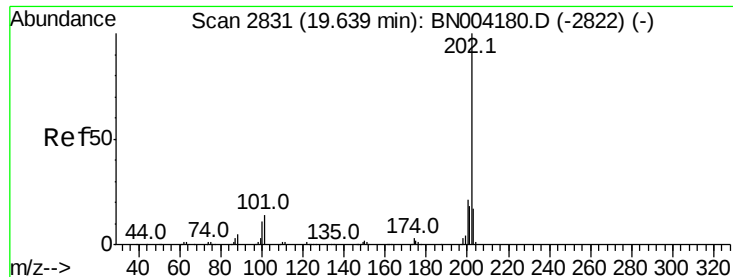
Tot Ion:178 Resp: 94097
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.1 18.1
 176 19.1 15.2 22.8



#76
 Fluoranthene
 Concen: 6.612 ng/ul
 RT: 19.27 min Scan# 2769
 Delta R.T. 0.01 min
 Lab File: BN004193.D
 Acq: 22 Dec 2018 11:06

Tgt Ion:202 Resp: 89323
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.2 15.2
 100 9.3 7.8 11.8

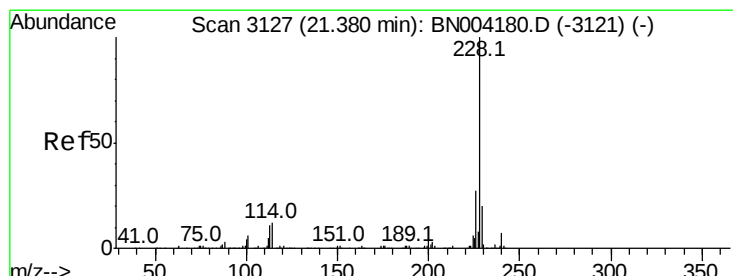
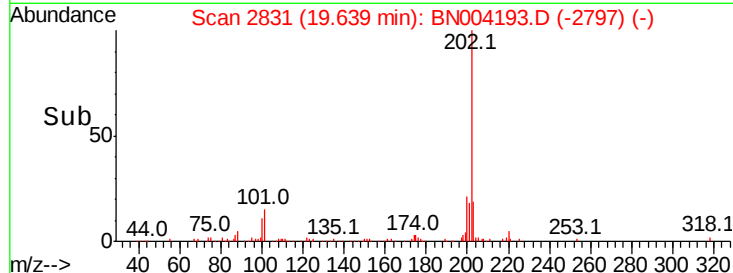
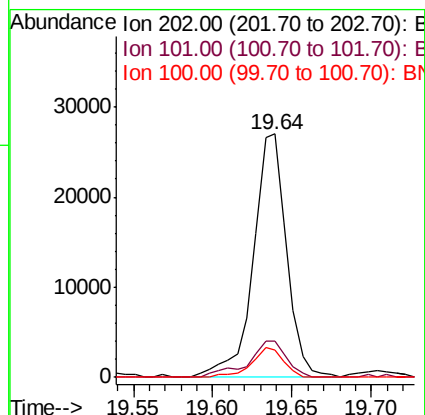
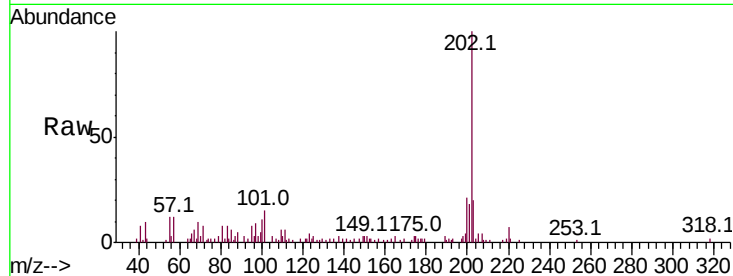




#79
Pvrene
Concen: 3.383 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BN004193.D
Acq: 22 Dec 2018 11:06

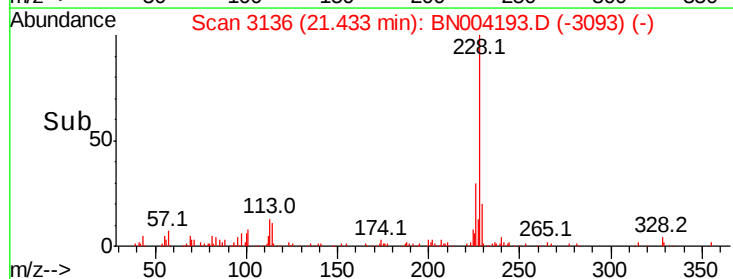
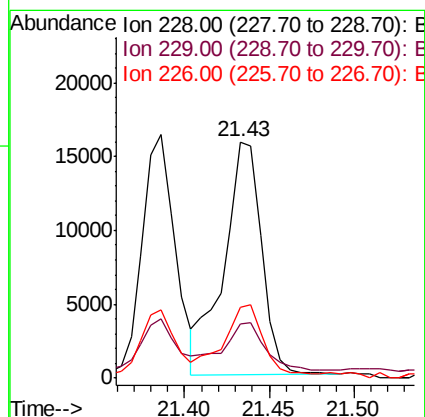
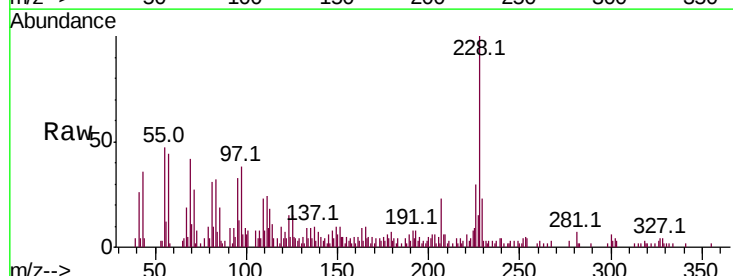
Instrument :
BNA_N
ClientSampleId :

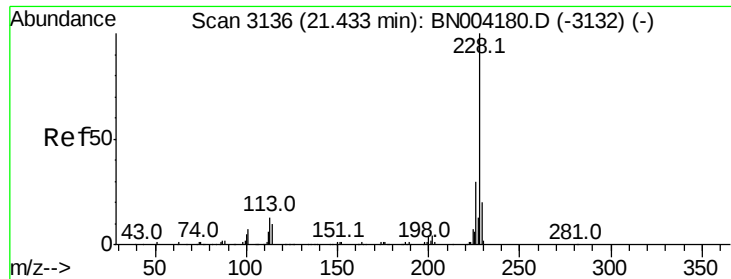
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.2
100	11.2	9.9	14.9



#82
Benzo(a)anthracene
Concen: 1.886 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.05 min
Lab File: BN004193.D
Acq: 22 Dec 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.9	23.9
226	29.9	21.4	32.2





#84

Chrysene

Concen: 2.013 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004193.D

Acq: 22 Dec 2018 11:06

Instrument :

BNA_N

ClientSampleId :

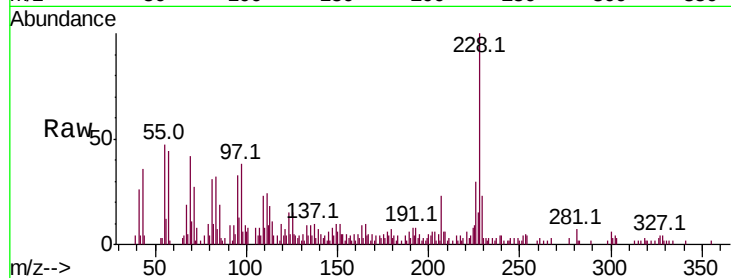
Tot Ion:228 Resp: 24548

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 23.0 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

