

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019495.D
 Acq On : 27 Mar 2019 06:17
 Operator : JU/SJ
 Sample : K2044-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5T6

Quant Time: Mar 27 07:25:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	164989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	632542	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	327349	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	669858	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	700016	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	821381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	18556	4.40	ng/uL	0.00
5) Phenol-d5	6.79	99	138415	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	94602	9.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	122882	11.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	100527	9.12	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	53960	11.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	61619	12.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	102050	10.77	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	91507	8.04	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	321371	12.17	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	383252	11.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	24867	6.01	ng/ul	0.03
58) Fluorene-d10	15.26	176	268641	11.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	16721	3.77	ng/ul	0.00
71) Anthracene-d10	17.12	188	390824	12.16	ng/ul	0.00
79) Pyrene-d10	19.42	212	402989	12.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	452017	10.38	ng/ul	0.00

Target Compounds

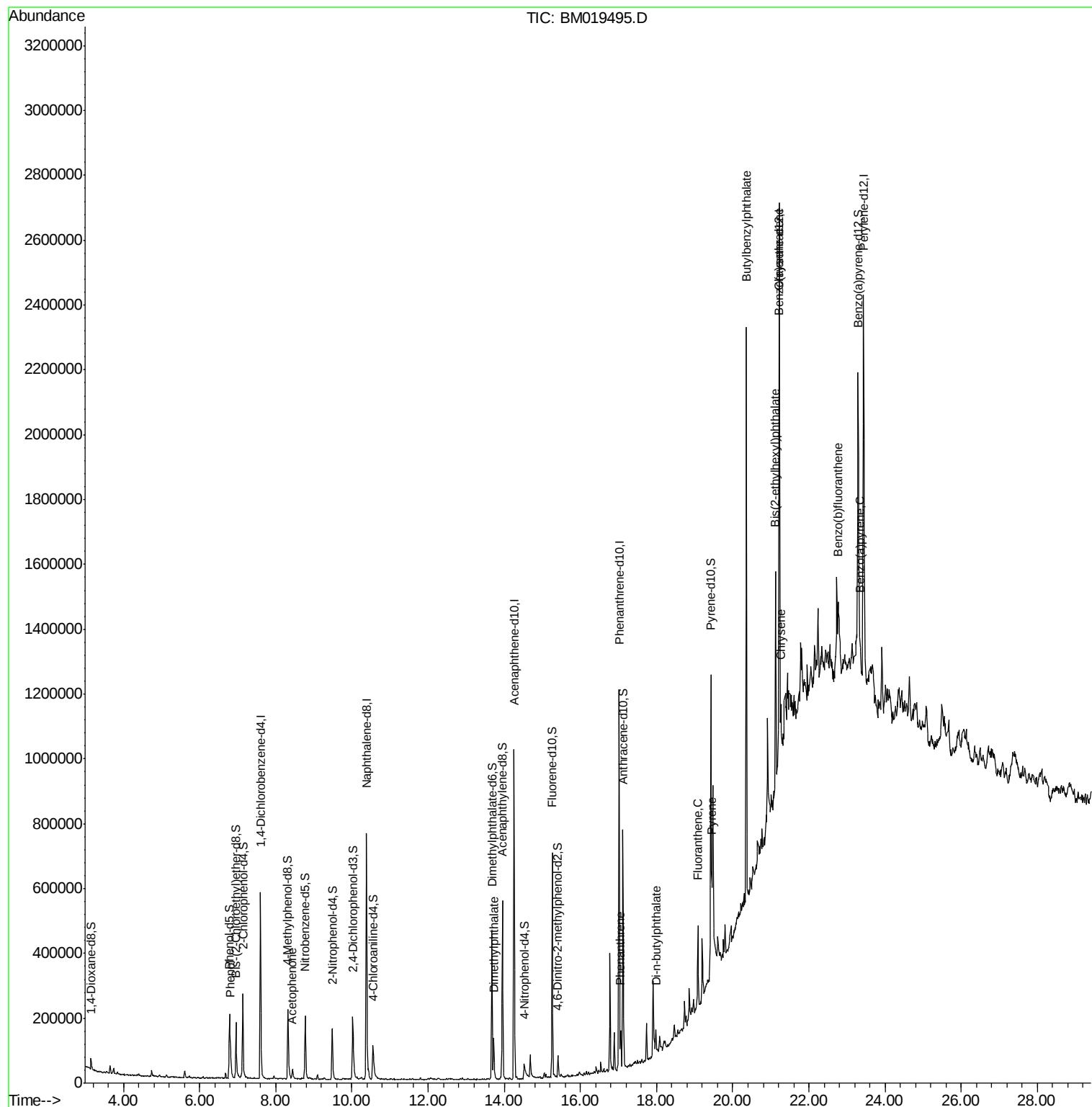
					Qvalue	
6) Phenol	6.81	94	39035	2.546	ng/ul	97
14) Acetophenone	8.44	105	19845	1.105	ng/ul#	88
45) Dimethylphthalate	13.73	163	85471	3.225	ng/ul#	98
70) Phenanthrene	17.06	178	64568	1.700	ng/ul	99
76) Di-n-butylphthalate	17.99	149	47666	1.237	ng/ul	99
77) Fluoranthene	19.09	202	135316	3.109	ng/ul#	88
80) Pyrene	19.45	202	125050	2.969	ng/ul#	84
81) Butylbenzylphthalate	20.36	149	527431	31.631	ng/ul	90
83) Benzo(a)anthracene	21.21	228	71196	1.690	ng/ul#	95
84) Bis(2-ethylhexyl)phthalate	21.13	149	228162	9.440	ng/ul	97
85) Chrysene	21.26	228	69989	1.731	ng/ul#	94
88) Benzo(b)fluoranthene	22.77	252	102744	2.054	ng/ul#	77
91) Benzo(a)pyrene	23.34	252	66776	1.396	ng/ul#	69

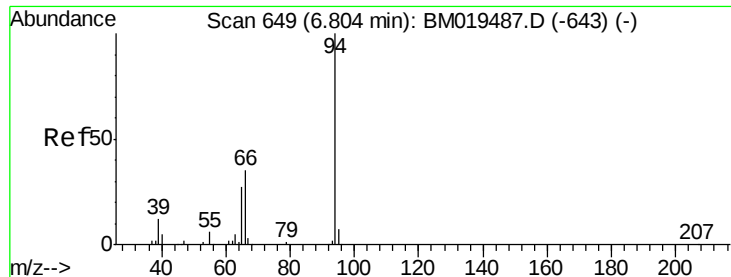
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.546 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

Instrument :

BNA_M

ClientSampleId :

BF5T6

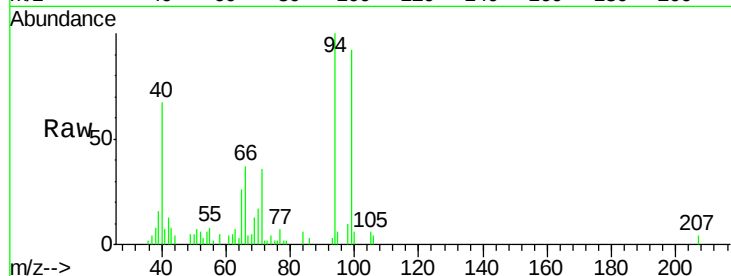
Tgt Ion: 94 Resp: 39035

Ion Ratio Lower Upper

94 100

65 26.1 23.0 34.6

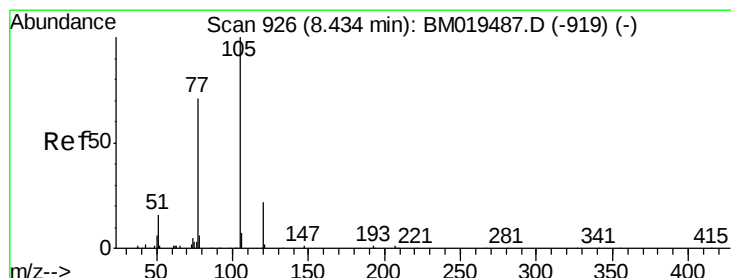
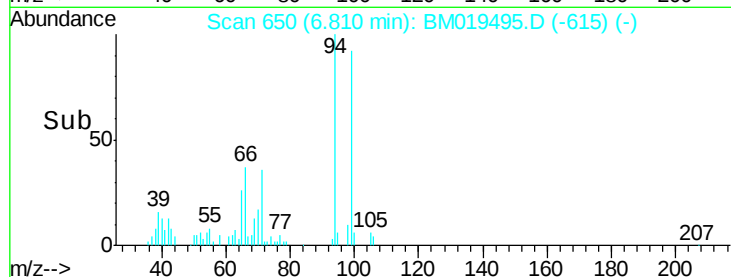
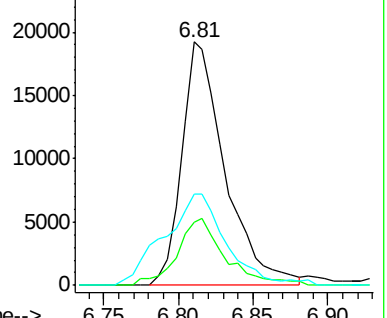
66 37.4 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM019487.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019487.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019487.D (-643) (-)



#14

Acetophenone

Concen: 1.105 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. 0.01 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

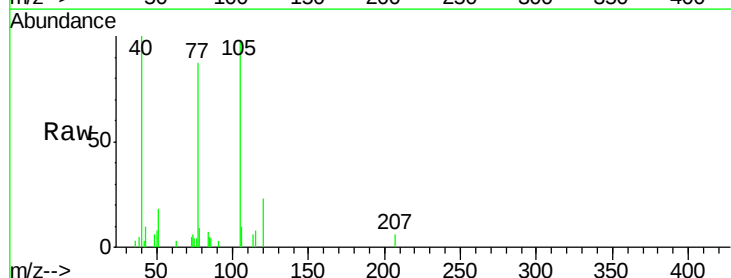
Tgt Ion: 105 Resp: 19845

Ion Ratio Lower Upper

105 100

77 89.2 63.2 94.8

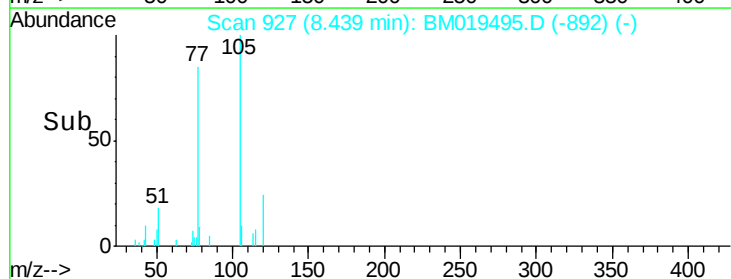
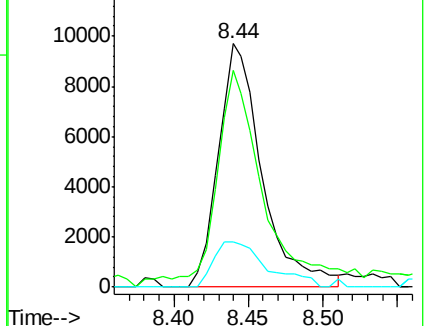
51 18.3 19.8 29.8#

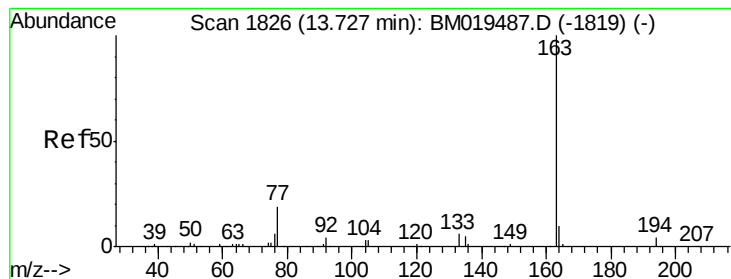


Abundance Ion 105.00 (104.70 to 105.70): BM019487.D (-919) (-)

Ion 77.00 (76.70 to 77.70): BM019487.D (-919) (-)

Ion 51.00 (50.70 to 51.70): BM019487.D (-919) (-)





#45

Dimethylphthalate

Concen: 3.225 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

Instrument :

BNA_M

ClientSampleId :

BF5T6

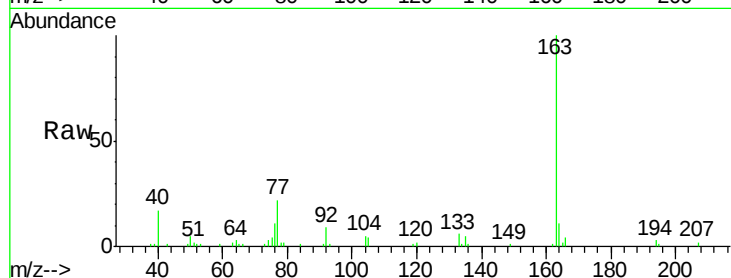
Tgt Ion:163 Resp: 85471

Ion Ratio Lower Upper

163 100

194 3.4 4.0 6.0#

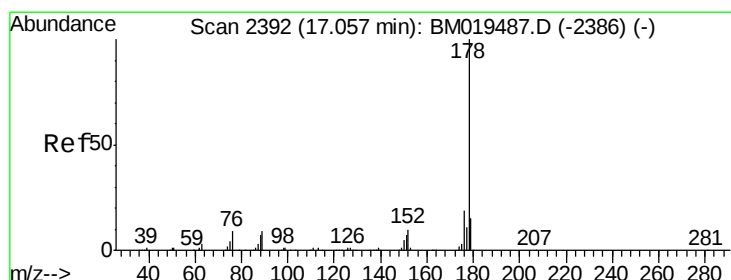
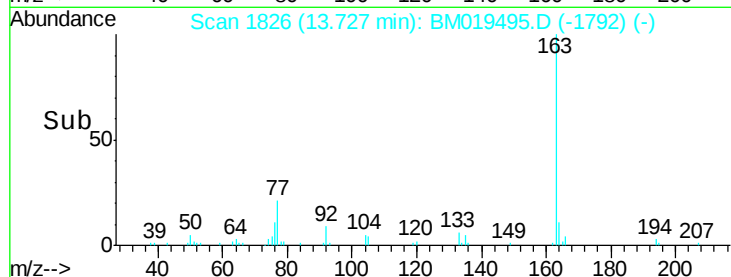
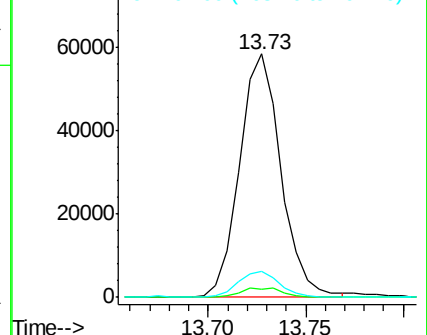
164 10.6 8.4 12.6



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



#70

Phenanthrene

Concen: 1.700 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

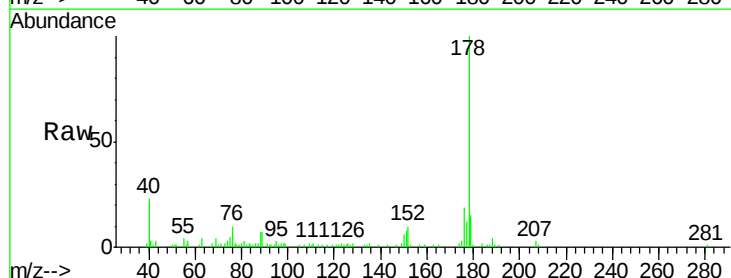
Tgt Ion:178 Resp: 64568

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

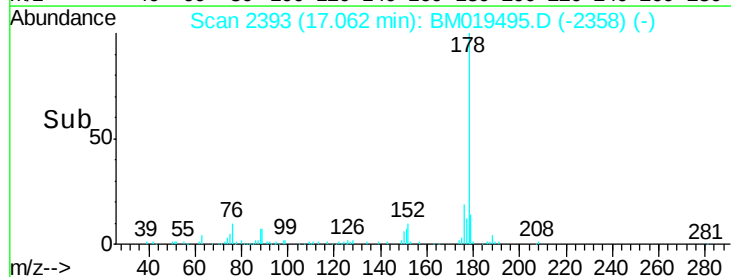
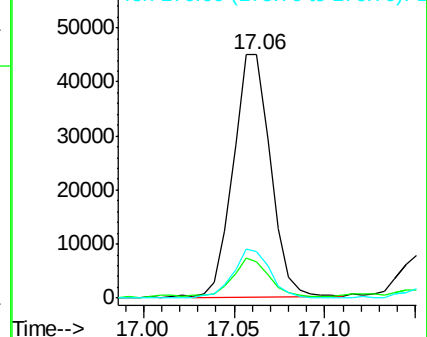
176 18.9 15.4 23.0

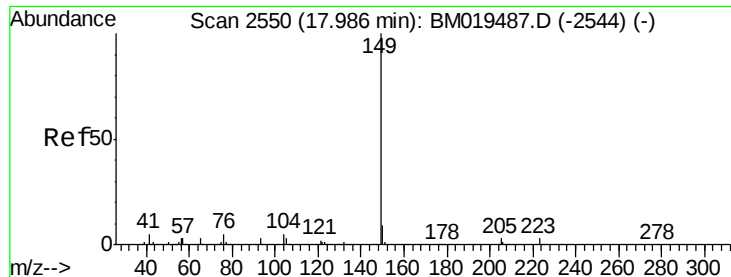


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Di-n-butylphthalate

Concen: 1.237 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

Instrument :

BNA_M

ClientSampleId :

BF5T6

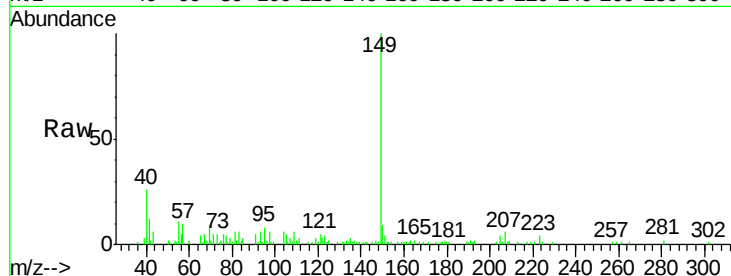
Tgt Ion:149 Resp: 47666

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

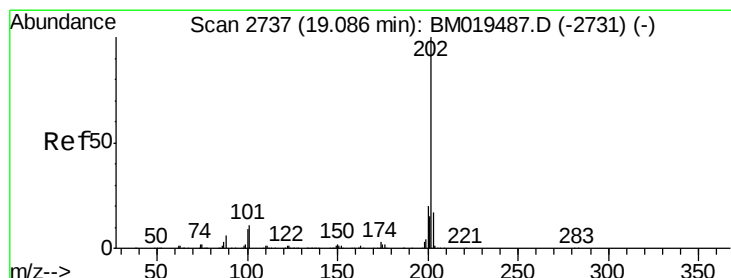
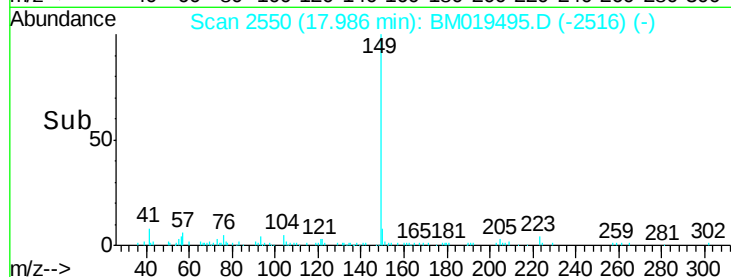
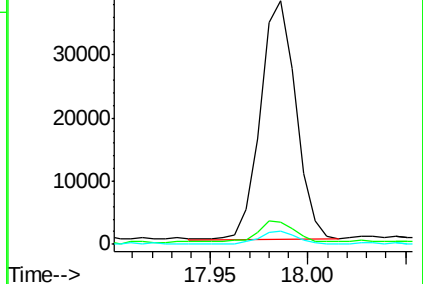
104 5.6 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 3.109 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

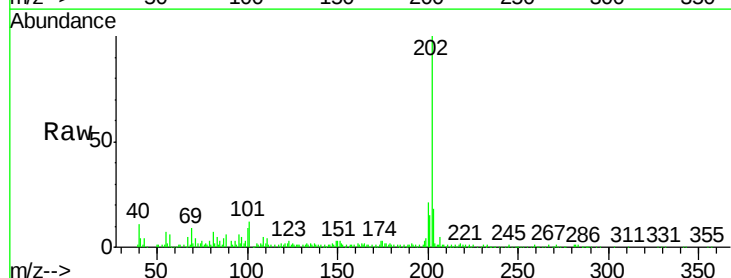
Tgt Ion:202 Resp: 135316

Ion Ratio Lower Upper

202 100

101 12.4 6.1 9.1#

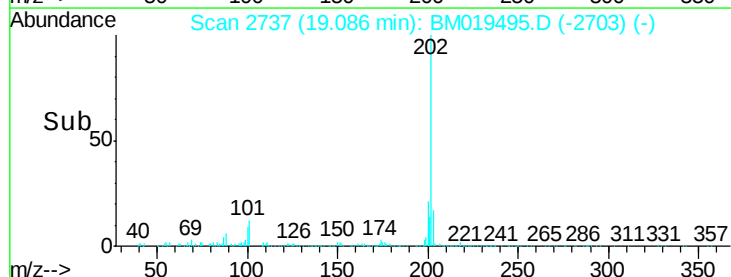
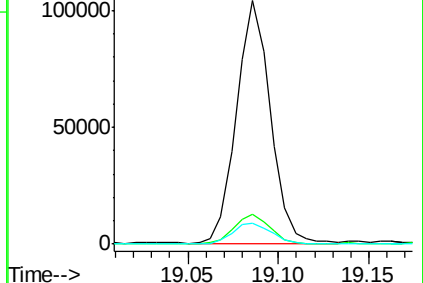
100 8.7 4.6 7.0#

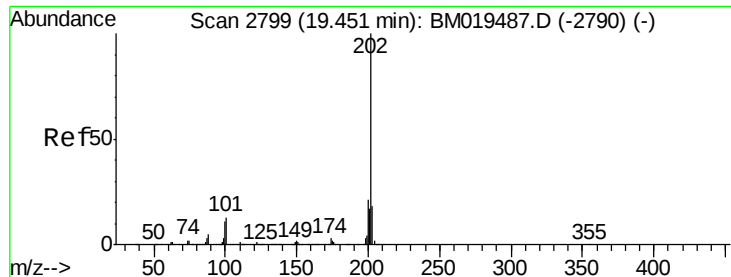


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

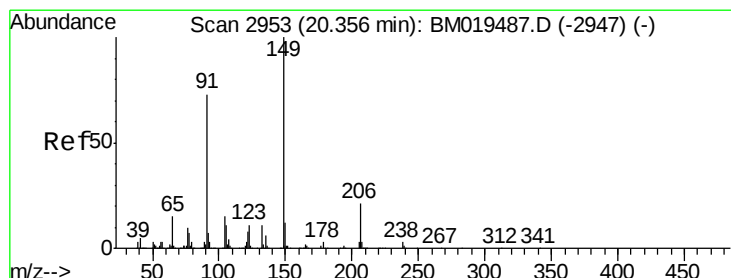
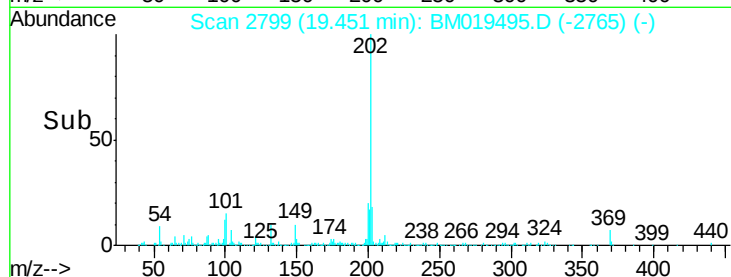
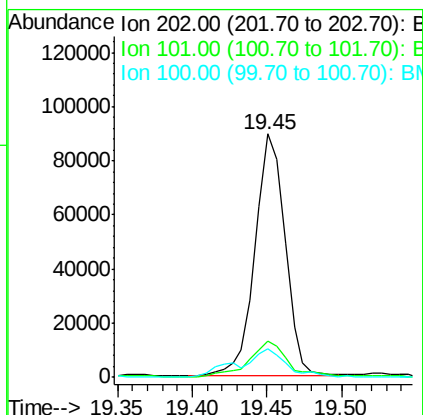
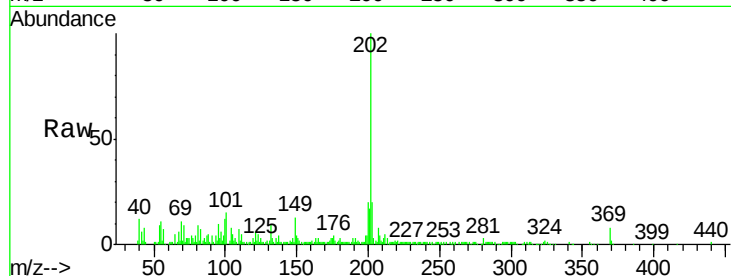




#80
 Pyrene
 Concen: 2.969 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM019495.D
 Acq: 27 Mar 2019 06:17

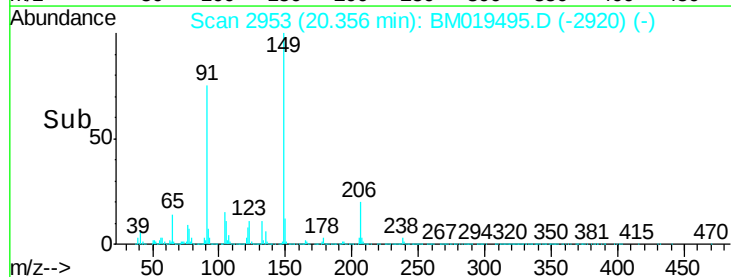
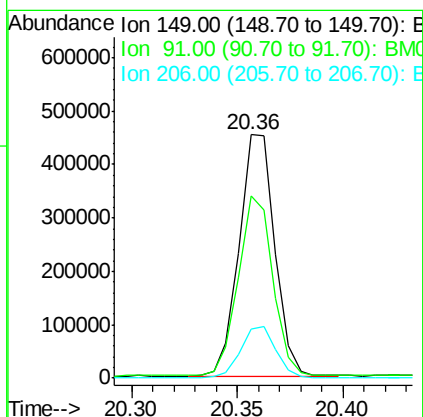
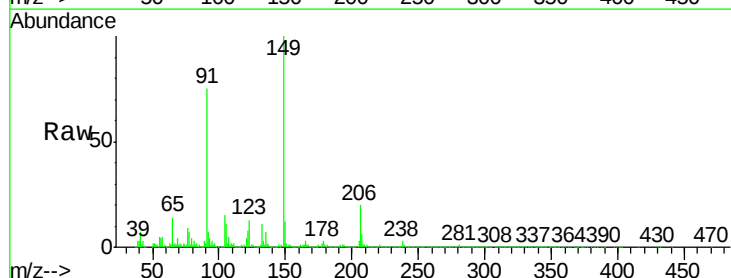
Instrument :
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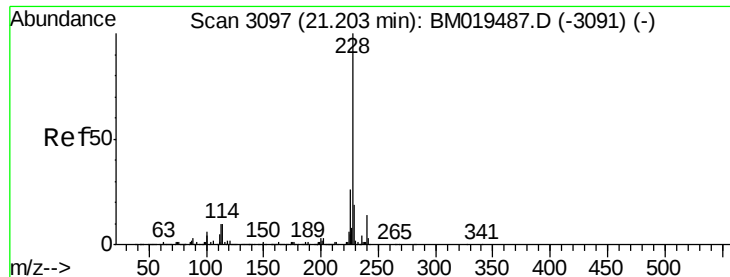
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	6.9	10.3#
100	11.6	5.6	8.4#



#81
 Butylbenzylphthalate
 Concen: 31.631 ng/ul
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM019495.D
 Acq: 27 Mar 2019 06:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	53.4	80.0
206	20.4	19.3	28.9





#83

Benzo(a)anthracene

Concen: 1.690 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

Instrument :

BNA_M

ClientSampleId :

BF5T6

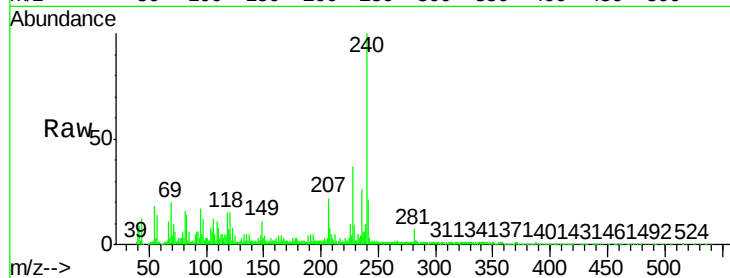
Tgt Ion:228 Resp: 71196

Ion Ratio Lower Upper

228 100

229 24.9 16.0 24.0#

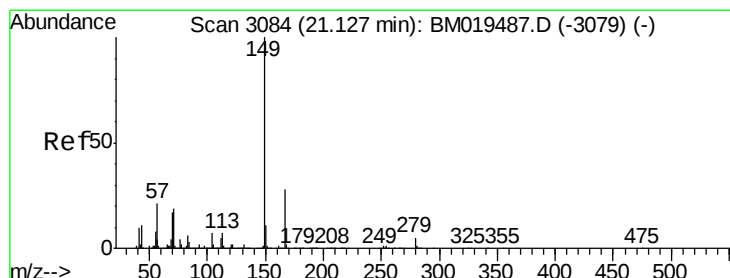
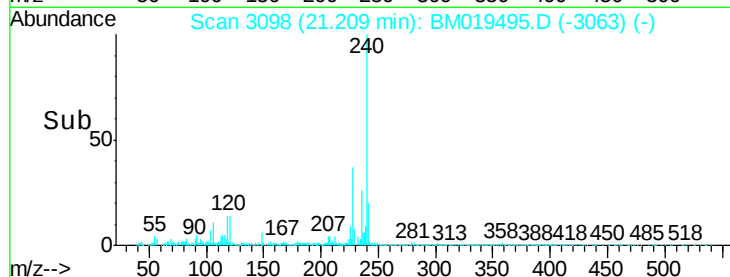
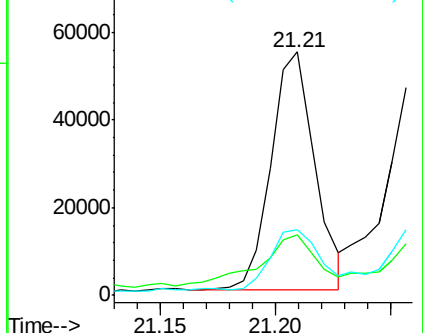
226 26.7 21.8 32.8



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

Bis(2-ethylhexyl)phthalate

Concen: 9.440 ng/ul

RT: 21.13 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

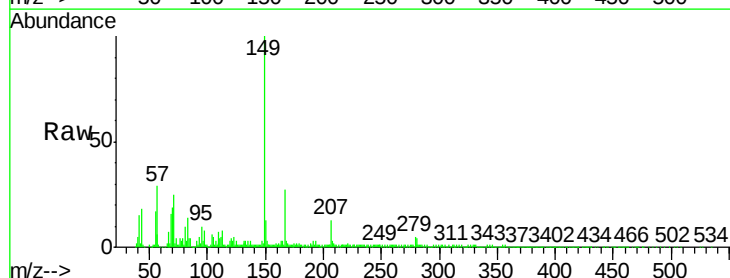
Tgt Ion:149 Resp: 228162

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.6

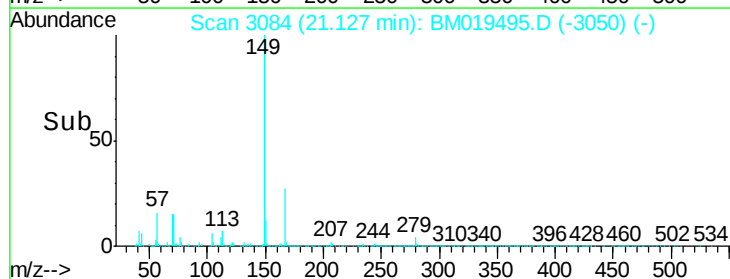
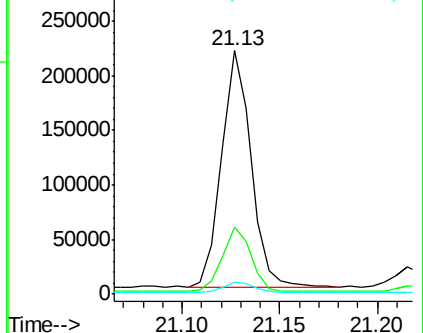
279 4.7 4.3 6.5

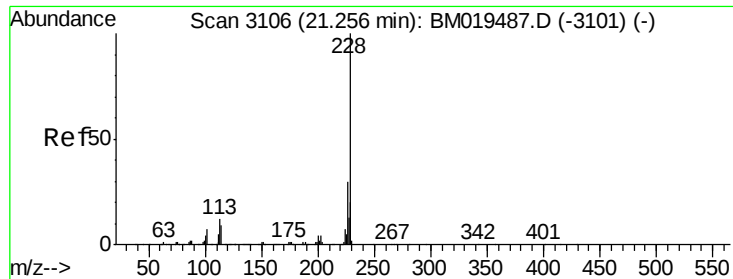


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 1.731 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

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BF5T6

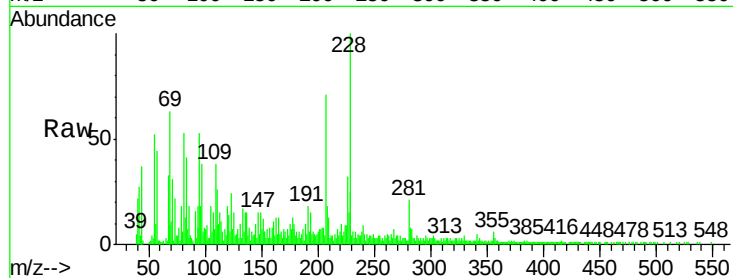
Tgt Ion:228 Resp: 69989

Ion Ratio Lower Upper

228 100

226 31.8 24.1 36.1

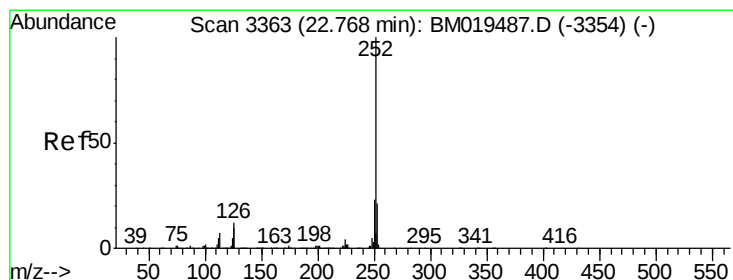
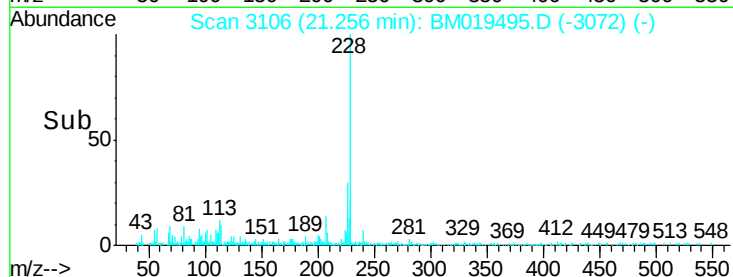
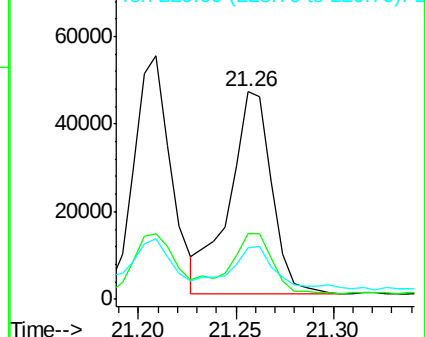
229 24.8 16.0 24.0#



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



#88

Benzo(b)fluoranthene

Concen: 2.054 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

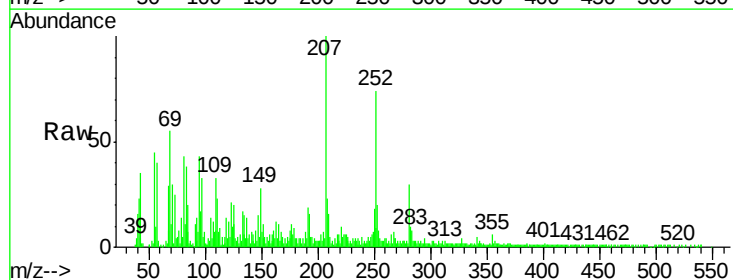
Tgt Ion:252 Resp: 102744

Ion Ratio Lower Upper

252 100

253 27.6 17.4 26.0#

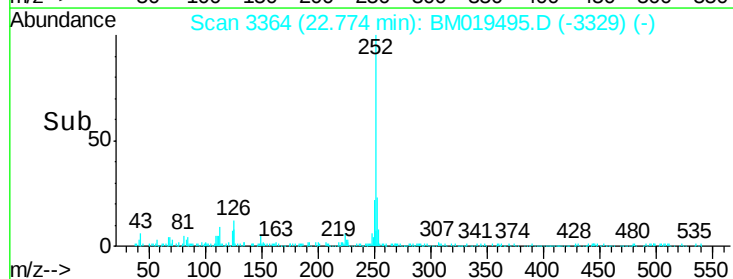
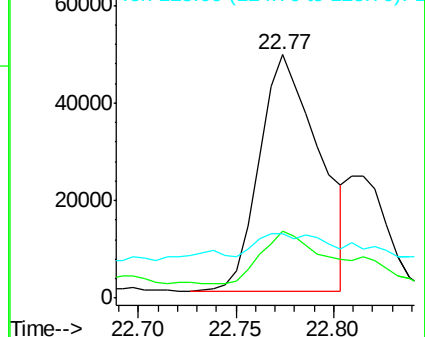
125 26.5 4.9 7.3#

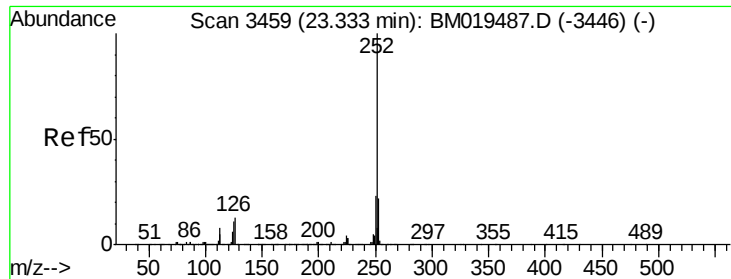


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.396 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. 0.00 min

Lab File: BM019495.D

Acq: 27 Mar 2019 06:17

Instrument :

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ClientSampleId :

BF5T6

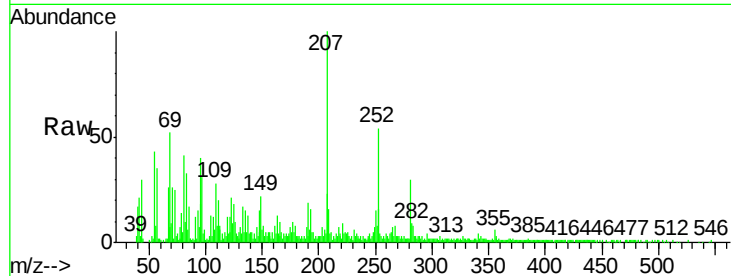
Tgt Ion:252 Resp: 66776

Ion Ratio Lower Upper

252 100

253 29.0 17.2 25.8#

125 32.9 5.8 8.6#



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

