

Data File : BN005993.D
Acq On : 31 May 2019 22:55
Operator : JU/SJ
Sample : K2928-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B6

Quant Time: Jun 01 01:54:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	485259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1882640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	943211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1876709	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1579423	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1869388	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	31664	2.87	ng/uL	0.01
5) Phenol-d5	6.92	99	620967	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	365488	14.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	512930	15.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	446410	12.86	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	242381	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	254134	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	459536	17.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	289427	8.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1279105	18.40	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1555983	17.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	176319	13.93	ng/ul	0.00
57) Fluorene-d10	15.40	176	1072441	18.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	32728	4.28	ng/ul	0.00
70) Anthracene-d10	17.26	188	1481959	18.55	ng/ul	0.00
78) Pyrene-d10	19.56	212	1525300	19.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1487005	17.83	ng/ul	0.00

Target Compounds

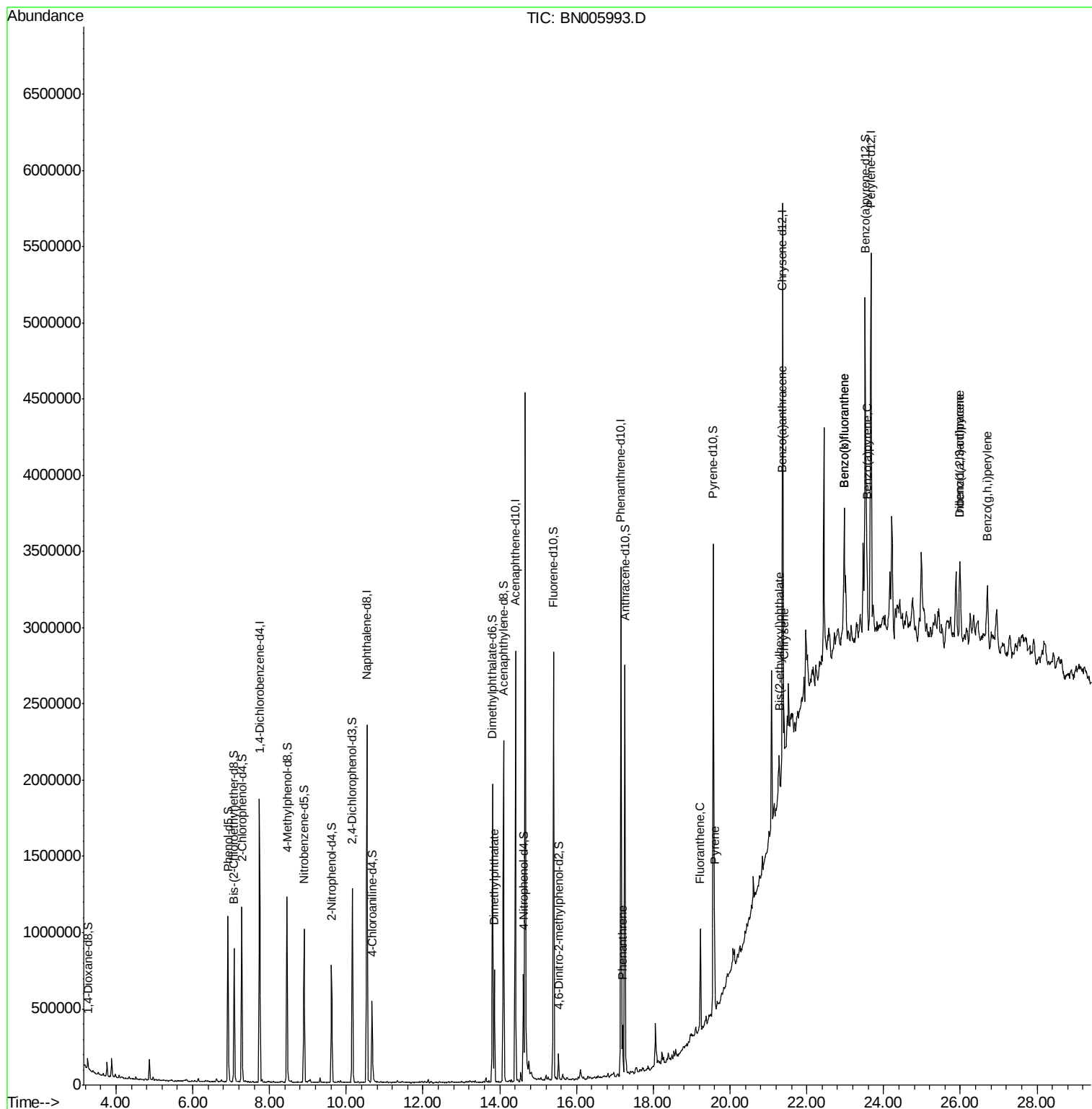
					Qvalue	
44) Dimethylphthalate	13.85	163	448985	6.460	ng/ul	99
69) Phenanthrene	17.20	178	182715	1.965	ng/ul	99
76) Fluoranthene	19.23	202	400691	4.037	ng/ul	97
79) Pyrene	19.59	202	376117	3.759	ng/ul	97
82) Benzo(a)anthracene	21.35	228	193421	1.948	ng/ul#	91
83) Bis(2-ethylhexyl)phthalate	21.28	149	119688	1.836	ng/ul#	95
84) Chrysene	21.41	228	214317	2.314	ng/ul#	91
87) Benzo(b)fluoranthene	22.98	252	346741	3.302	ng/ul#	86
88) Benzo(k)fluoranthene	22.98	252	346741	3.592	ng/ul#	84
90) Benzo(a)pyrene	23.57	252	340291	3.437	ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.99	276	293777	2.529	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.99	278	210781	2.179	ng/ul#	81
93) Benzo(g,h,i)perylene	26.71	276	432061	4.415	ng/ul#	93

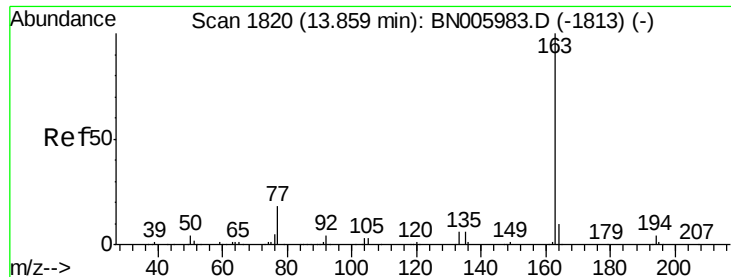
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.460 ng/ul

RT: 13.85 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Instrument :

BNA_N

ClientSampleId :

A42B6

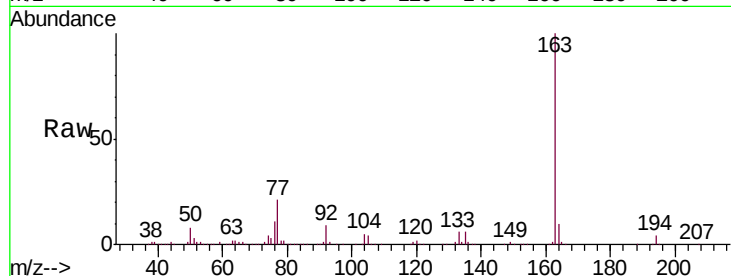
Tgt Ion:163 Resp: 448985

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

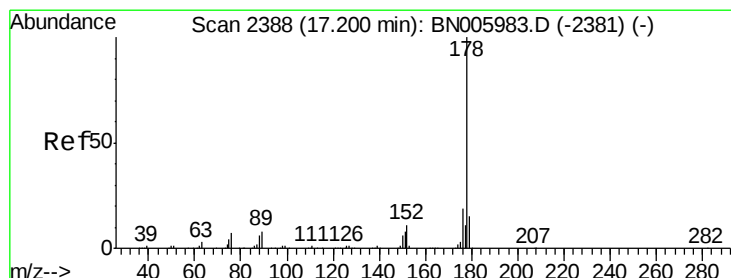
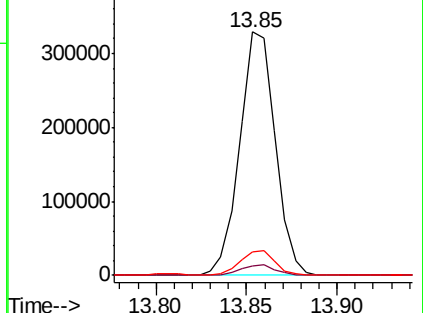
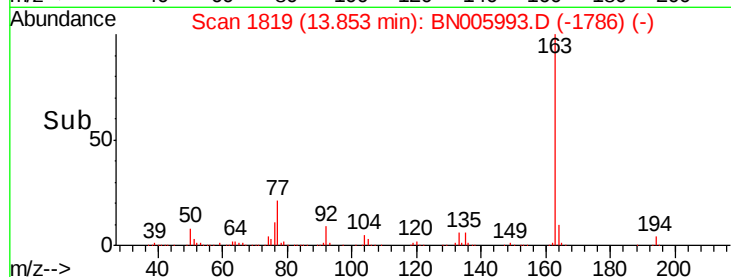
164 9.9 8.1 12.1



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: 1.965 ng/ul

RT: 17.20 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

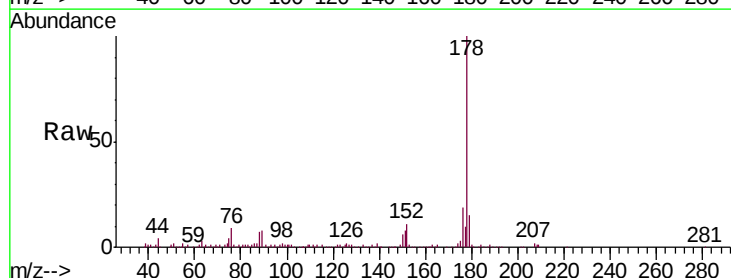
Tgt Ion:178 Resp: 182715

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

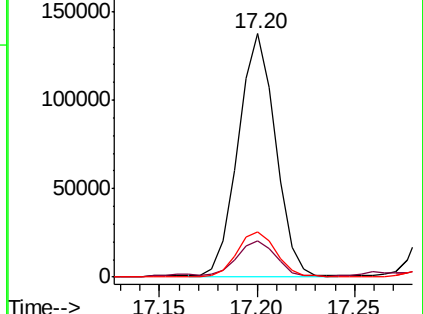
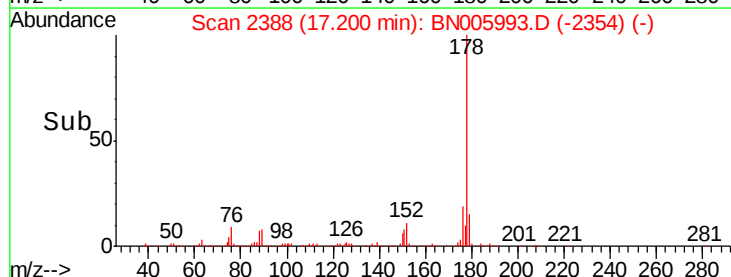
176 18.6 15.1 22.7

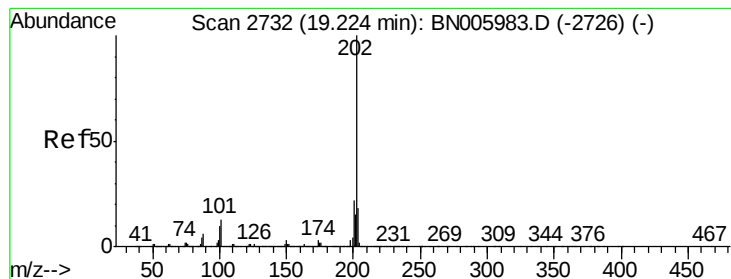


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 4.037 ng/ul

RT: 19.23 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

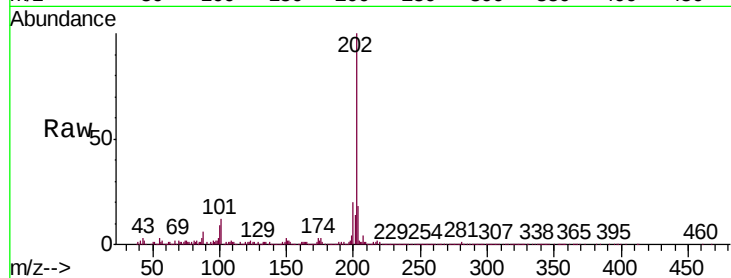
Instrument :

BNA_N

ClientSampleId :

A42B6

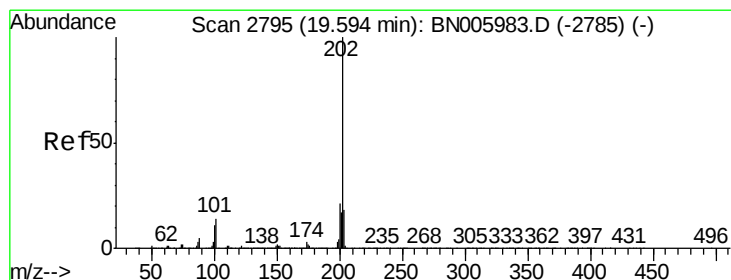
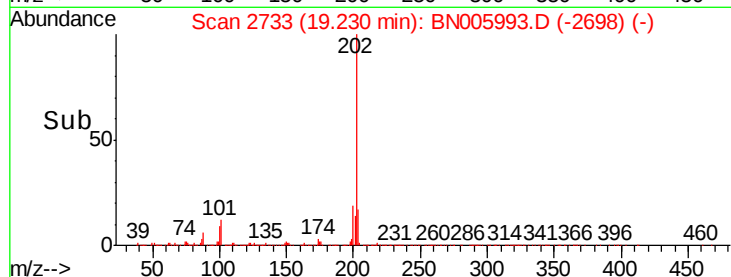
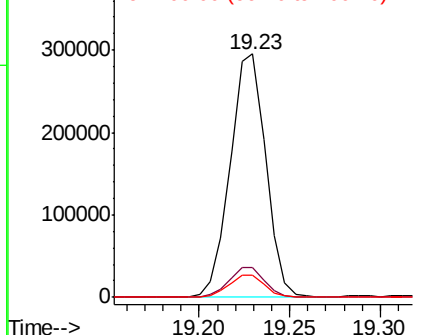
Tgt Ion:	202	Resp:	400691
Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.6	12.8
100	8.9	6.3	9.5



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: 3.759 ng/ul

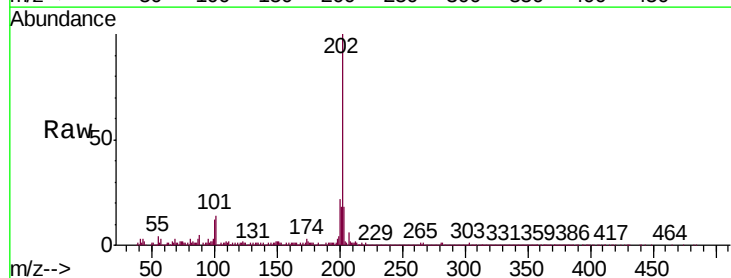
RT: 19.59 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

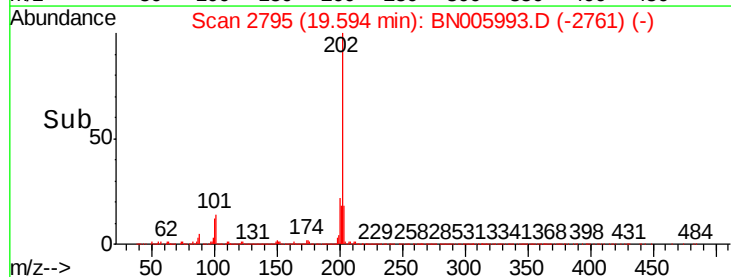
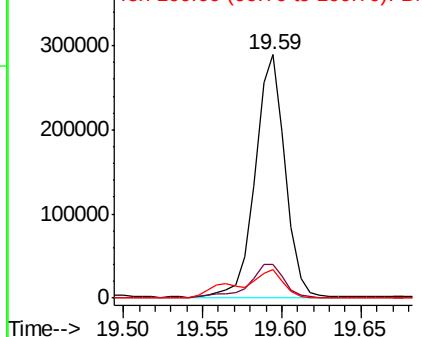
Tgt Ion:	202	Resp:	376117
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.8	7.9	11.9

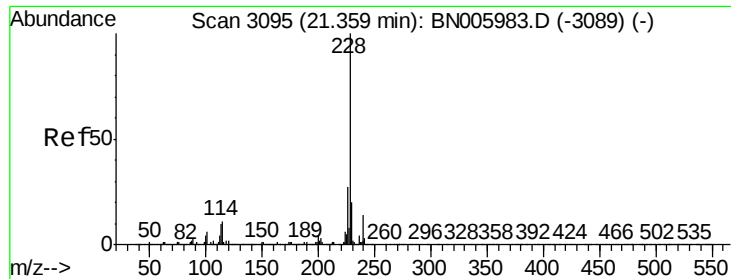


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.948 ng/ul

RT: 21.35 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Instrument :

BNA_N

ClientSampleId :

A42B6

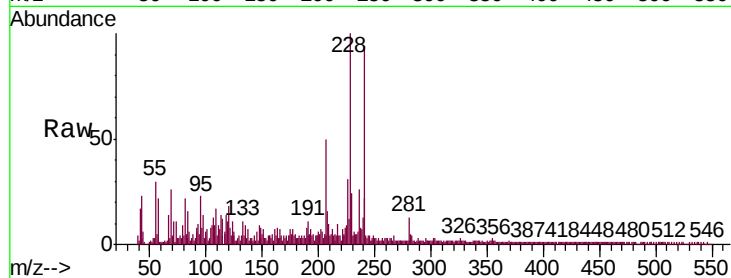
Tgt Ion:228 Resp: 193421

Ion Ratio Lower Upper

228 100

229 24.2 15.8 23.6#

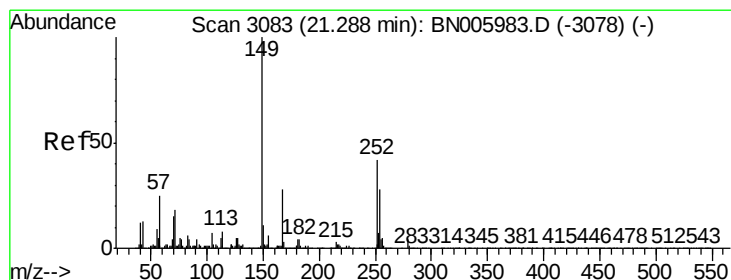
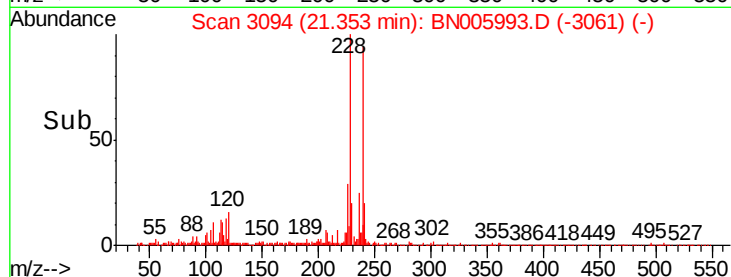
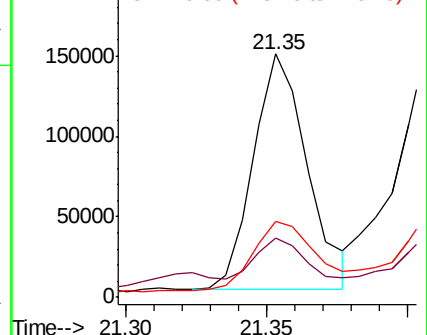
226 30.9 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.836 ng/ul

RT: 21.28 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

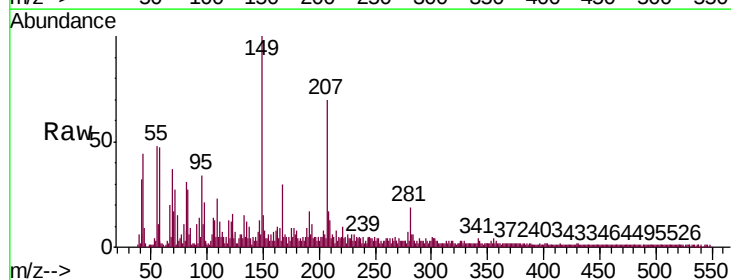
Tgt Ion:149 Resp: 119688

Ion Ratio Lower Upper

149 100

167 30.3 22.3 33.5

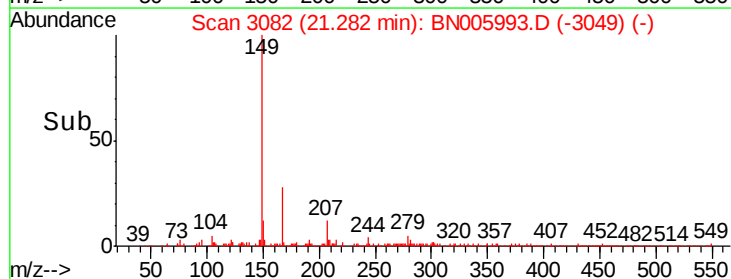
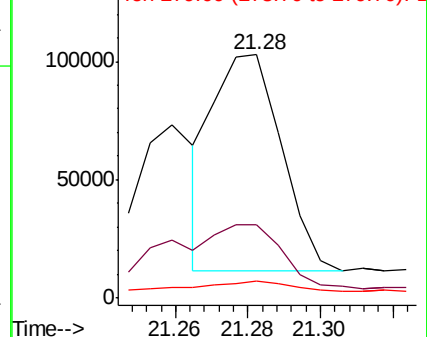
279 7.1 3.3 4.9#

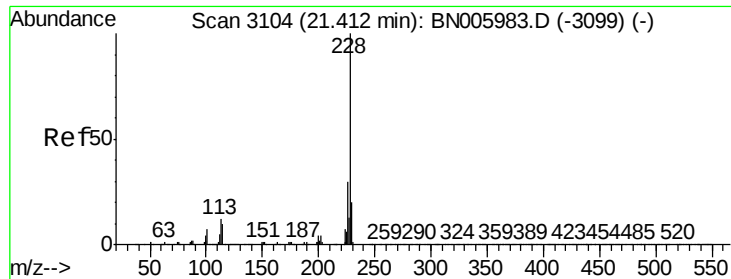


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.314 ng/ul

RT: 21.41 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

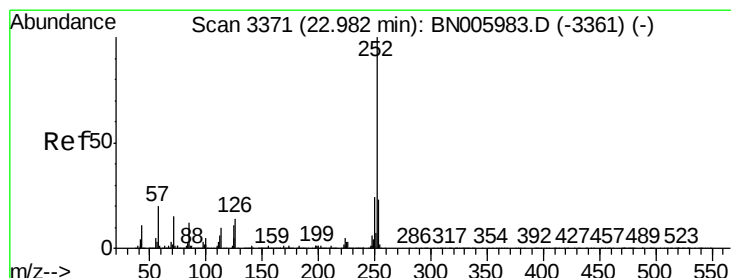
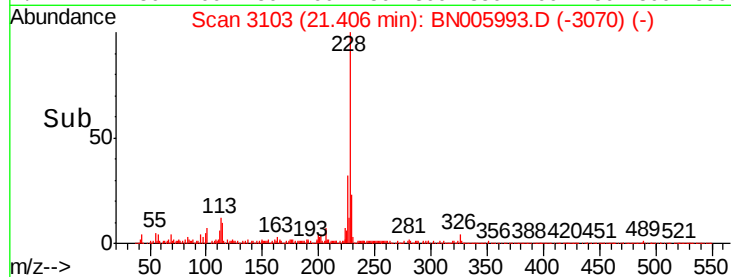
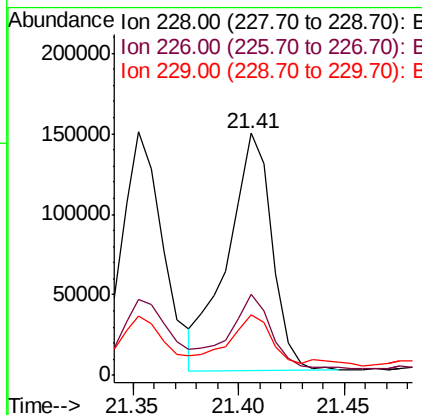
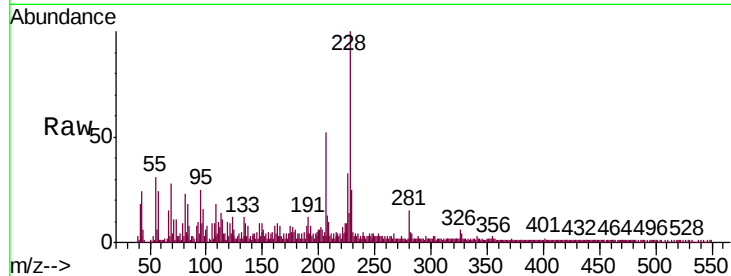
Instrument :

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Tgt Ion:	228	Resp:	214317
Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.0	36.0
229	25.2	15.4	23.0#



#87

Benzo(b)fluoranthene

Concen: 3.302 ng/ul

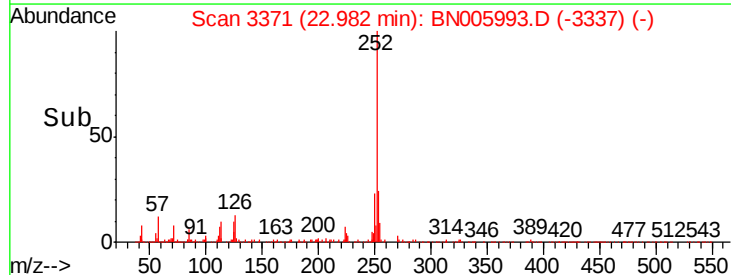
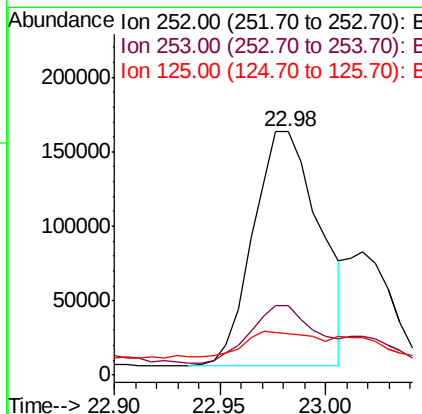
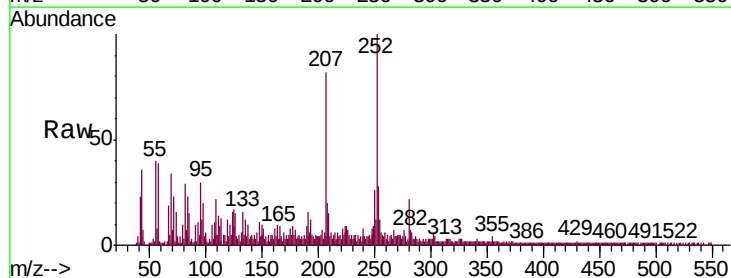
RT: 22.98 min Scan# 3371

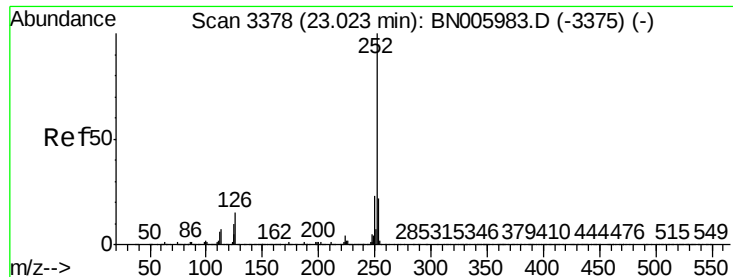
Delta R.T. 0.00 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Tgt Ion:	252	Resp:	346741
Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.7	26.5#
125	16.8	8.4	12.6#





#88

Benzo(k)fluoranthene

Concen: 3.592 ng/ul

RT: 22.98 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

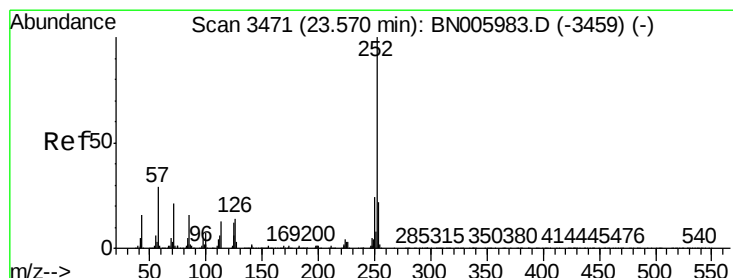
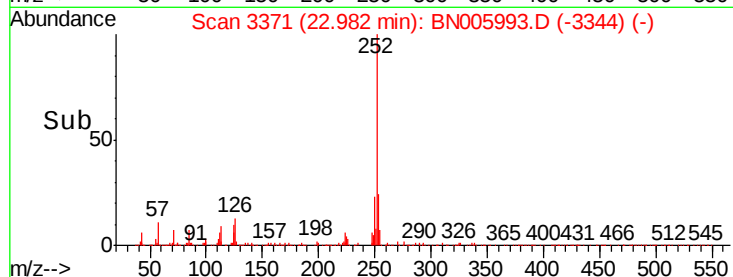
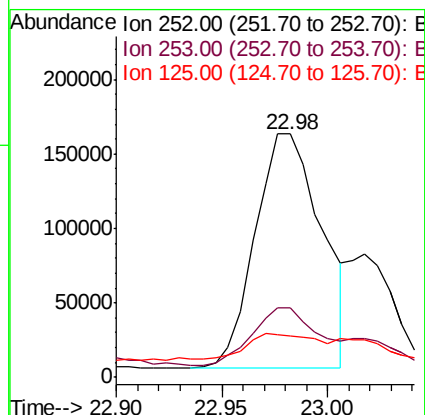
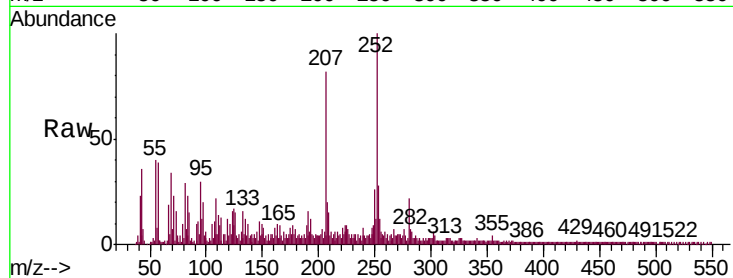
Instrument :

BNA_N

ClientSampleId :

A42B6

Tgt Ion:	252	Resp:	346741
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.4	26.0#
125	16.8	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 3.437 ng/ul

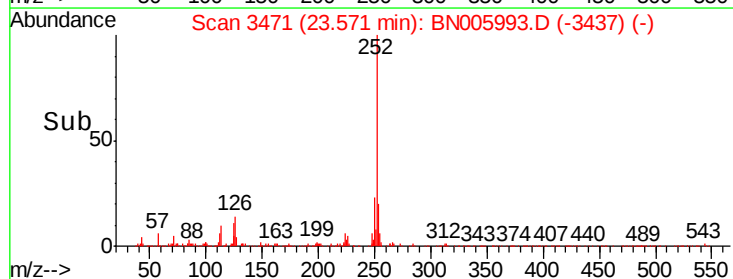
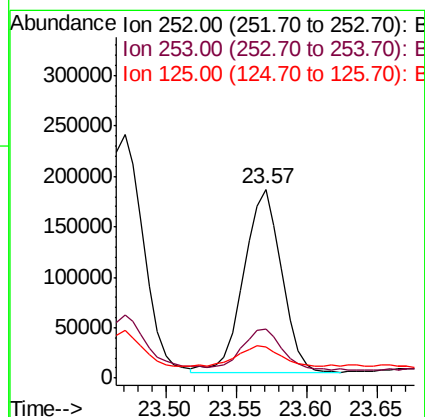
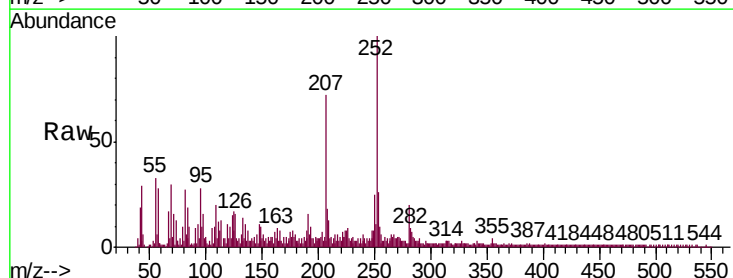
RT: 23.57 min Scan# 3471

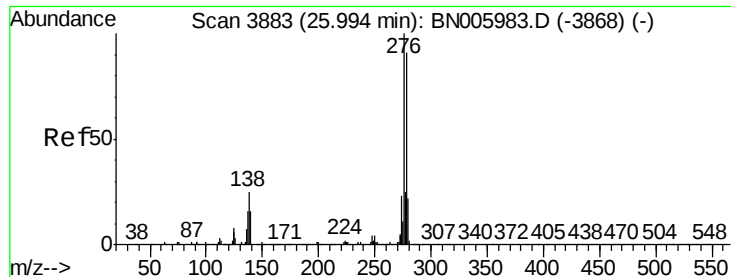
Delta R.T. 0.00 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

Tgt Ion:	252	Resp:	340291
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.3	25.9
125	16.7	8.6	13.0#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.529 ng/ul

RT: 25.99 min Scan# 3882

Delta R.T. -0.01 min

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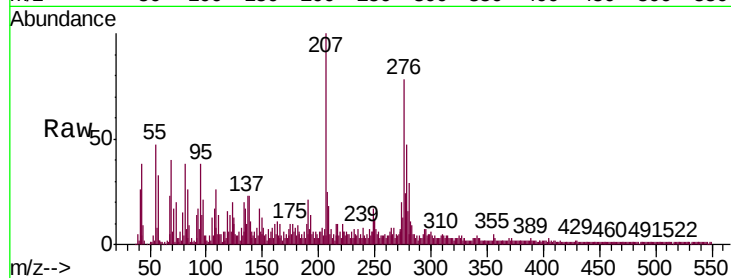
Tgt Ion:276 Resp: 293777

Ion Ratio Lower Upper

276 100

138 29.4 17.9 26.9#

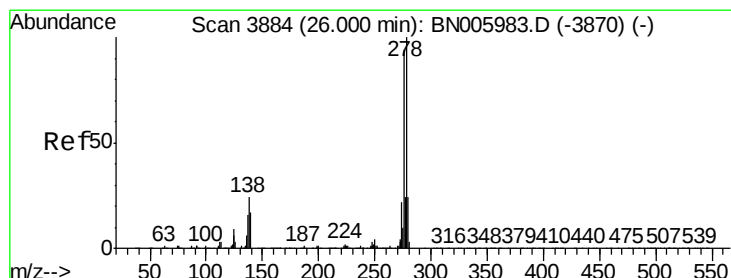
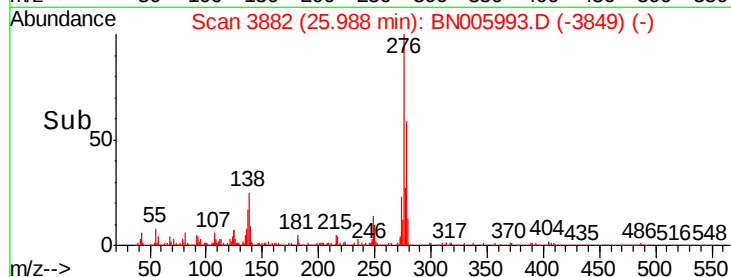
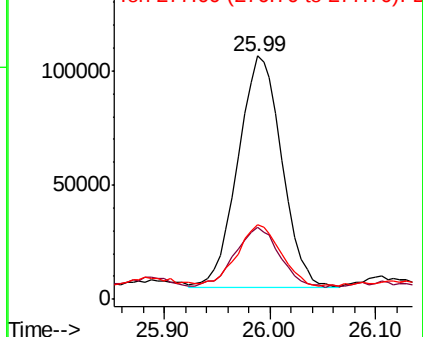
277 30.8 19.7 29.5#



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



#92

Dibenzo(a,h)anthracene

Concen: 2.179 ng/ul

RT: 25.99 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BN005993.D

Acq: 31 May 2019 22:55

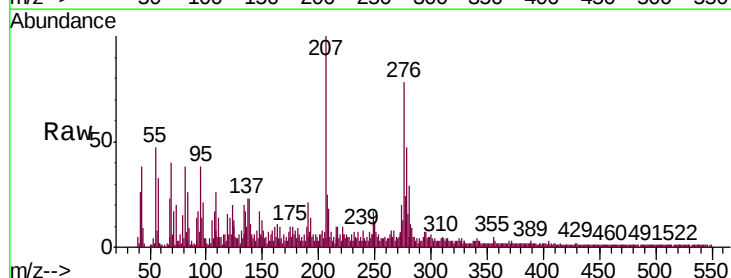
Tgt Ion:278 Resp: 210781

Ion Ratio Lower Upper

278 100

139 23.3 13.1 19.7#

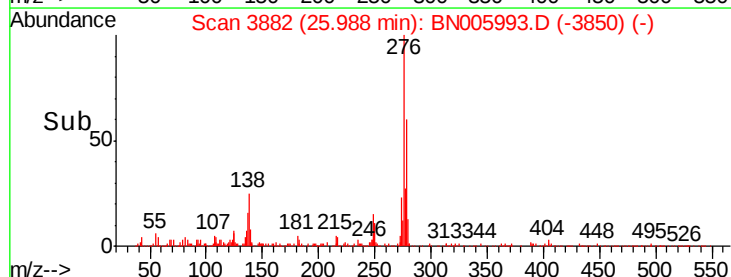
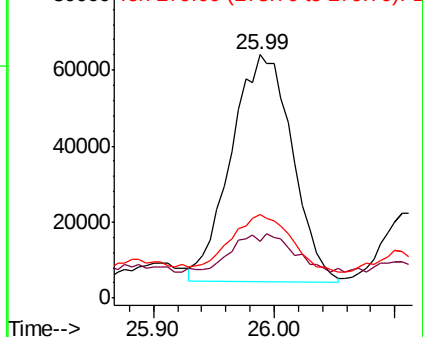
279 34.3 19.4 29.0#

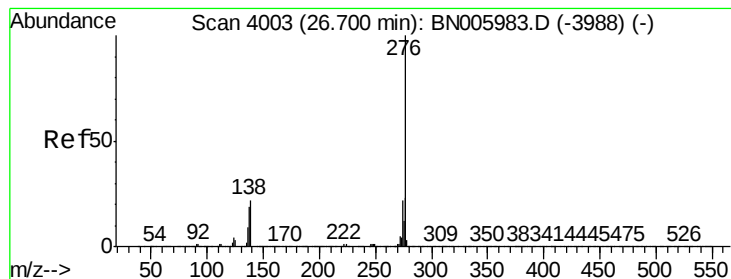


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 4.415 ng/ul

RT: 26.71 min Scan# 4004

Delta R.T. 0.01 min

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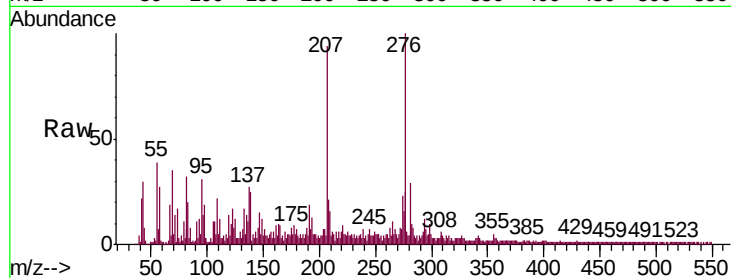
Tgt Ion: 276 Resp: 432061

Ion Ratio Lower Upper

276 100

138 25.4 16.7 25.1#

277 25.2 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

150000

100000

50000

0

26.60

26.71

26.80

Time-->

