

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001485.D
 Acq On : 30 May 2015 21:15
 Operator : TP/IZ
 Sample : G2411-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB8RE

Quant Time: May 31 02:21:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	203713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	841178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	449837	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	863951	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	810804	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	728815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	11848	2.90	ng/uL	0.00
5) Phenol-d5	6.58	99	275902	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	170150	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	235200	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	214044	16.83	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	107719	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	125985	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	231705	18.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	184814	12.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	599038	18.99	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	824937	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	90274	14.04	ng/ul	0.01
57) Fluorene-d10	15.07	176	555185	17.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	36921	6.94	ng/ul	0.00
70) Anthracene-d10	16.92	188	730962	18.35	ng/ul	0.00
76) Pyrene-d10	19.22	212	773832	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	619615	19.23	ng/ul	0.00

Target Compounds

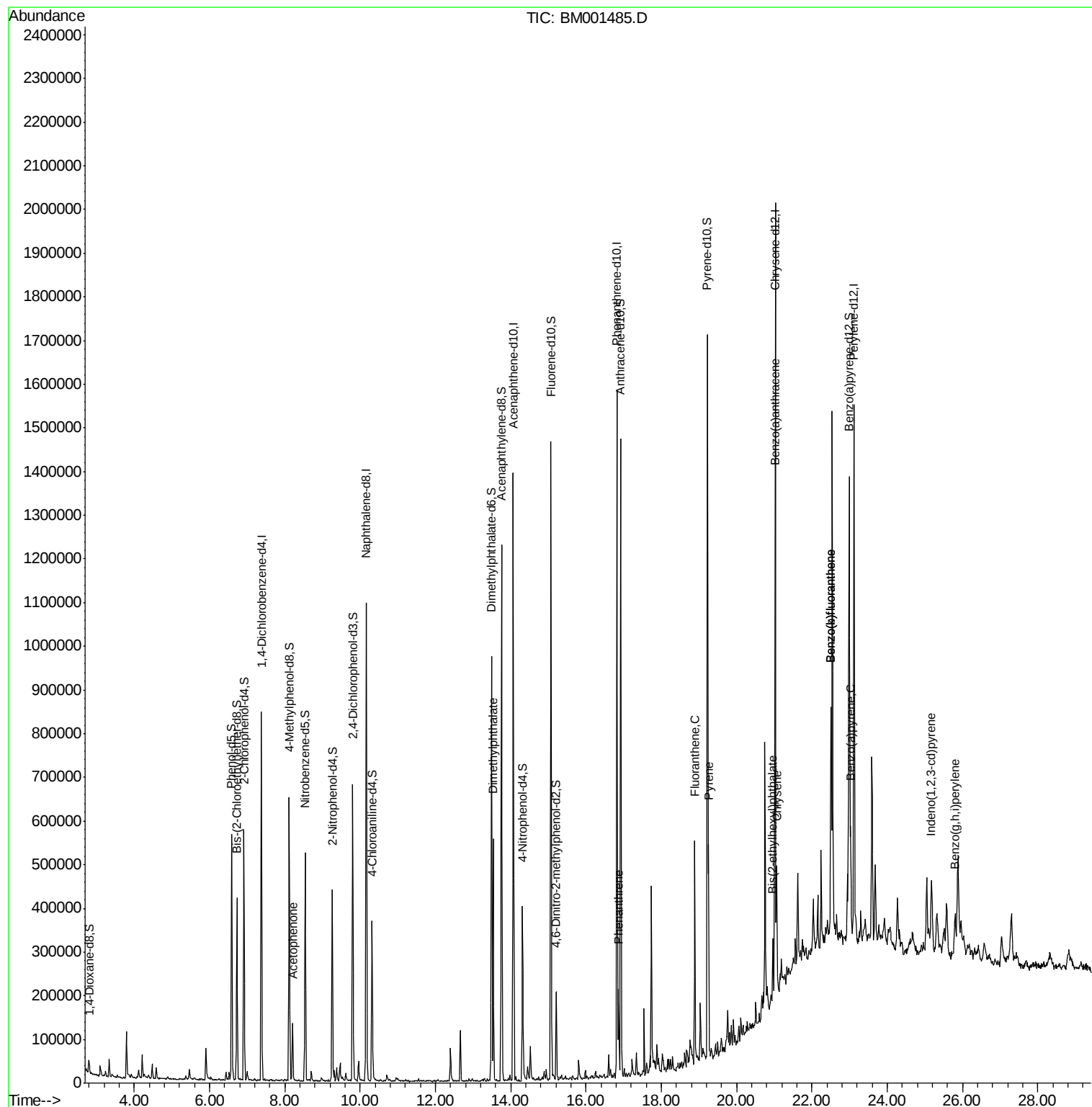
						Qvalue
14) Acetophenone	8.20	105	61708	2.97	ng/ul	95
44) Dimethylphthalate	13.53	163	324971	9.13	ng/ul	100
69) Phenanthrene	16.86	178	112831	2.35	ng/ul	97
74) Fluoranthene	18.89	202	279417	4.79	ng/ul	99
77) Pyrene	19.25	202	266497	5.50	ng/ul	99
80) Benzo(a)anthracene	21.01	228	131860	2.78	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	20.96	149	45161	1.49	ng/ul	96
82) Chrysene	21.06	228	150781	3.38	ng/ul	97
85) Benzo(b)fluoranthene	22.50	252	196357	4.40	ng/ul#	93
86) Benzo(k)fluoranthene	22.50	252	90732	2.12	ng/ul#	92
88) Benzo(a)pyrene	23.03	252	130245	3.11	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.17	276	93822	2.13	ng/ul	98
91) Benzo(g,h,i)perylene	25.80	276	92368	2.54	ng/ul	98

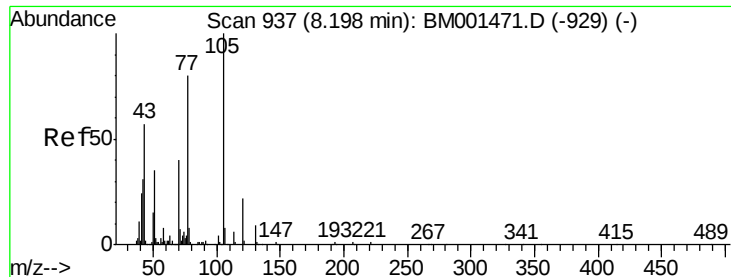
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 2.97 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Instrument :

BNA_M

ClientSampleId :

BCRB8RE

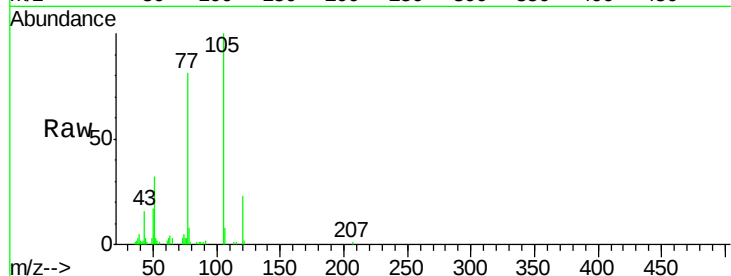
Tgt Ion:105 Resp: 61708

Ion Ratio Lower Upper

105 100

77 81.3 61.6 92.4

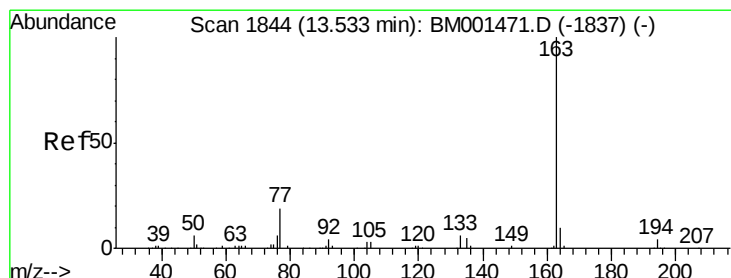
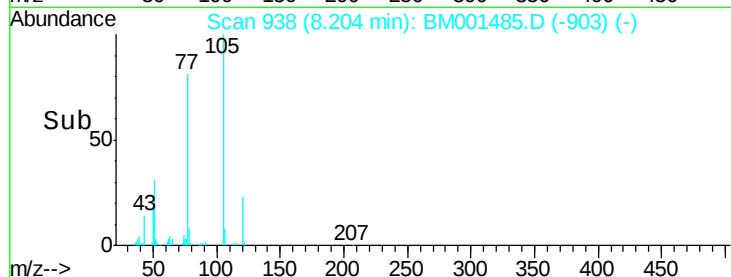
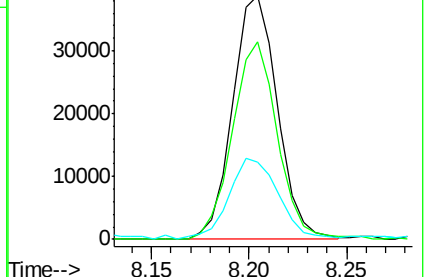
51 31.8 27.5 41.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 9.13 ng/ul

RT: 13.53 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

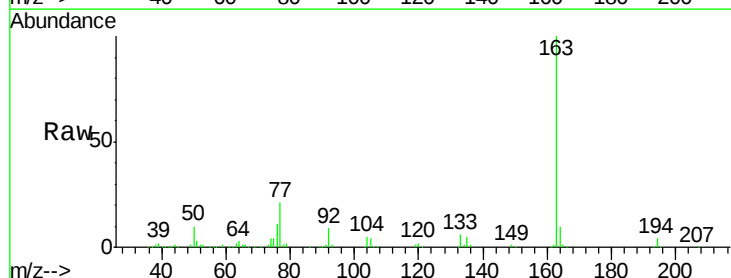
Tgt Ion:163 Resp: 324971

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

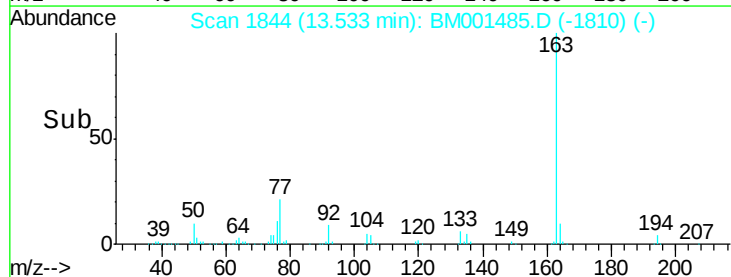
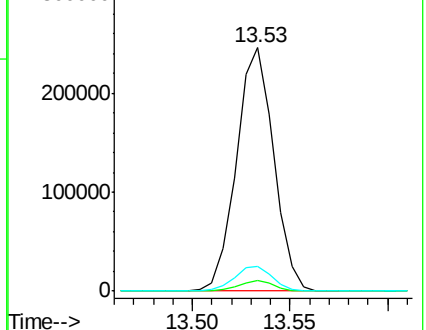
164 10.3 8.2 12.4

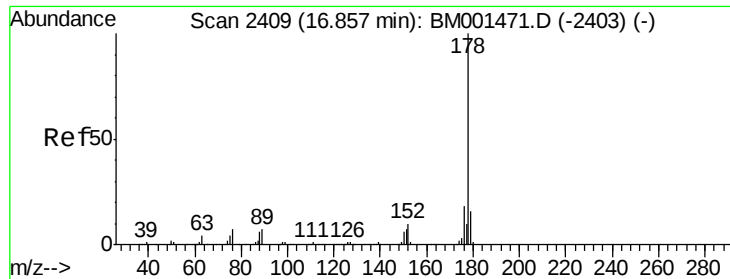


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.35 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Instrument :

BNA_M

ClientSampleId :

BCRB8RE

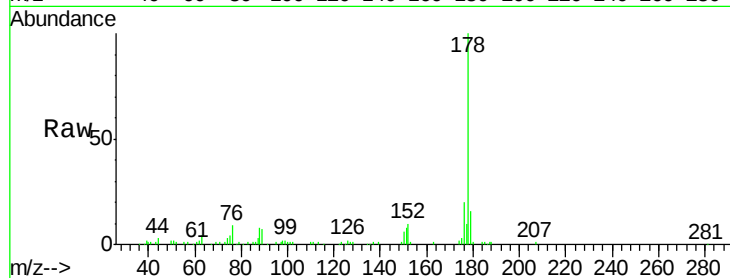
Tgt Ion:178 Resp: 112831

Ion Ratio Lower Upper

178 100

179 16.2 11.9 17.9

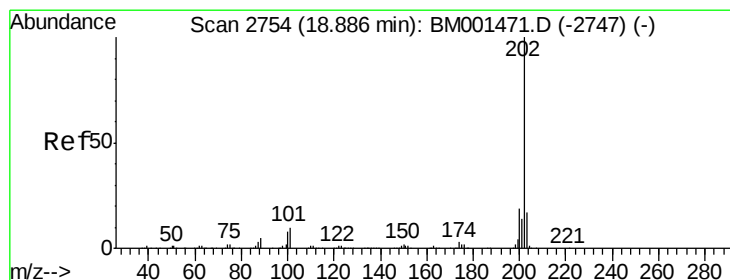
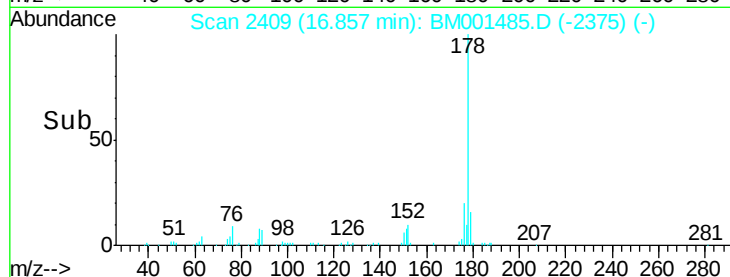
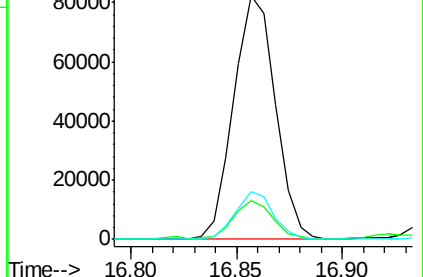
176 19.6 15.0 22.4



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



#74

Fluoranthene

Concen: 4.79 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

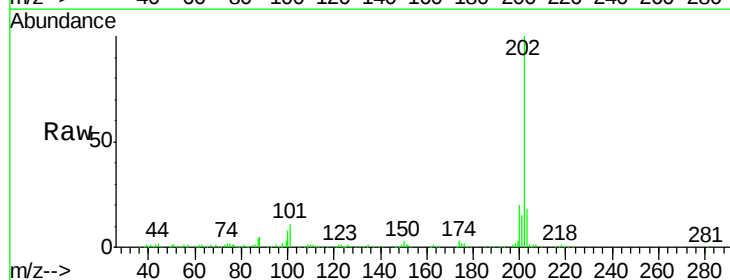
Tgt Ion:202 Resp: 279417

Ion Ratio Lower Upper

202 100

101 11.1 8.6 12.8

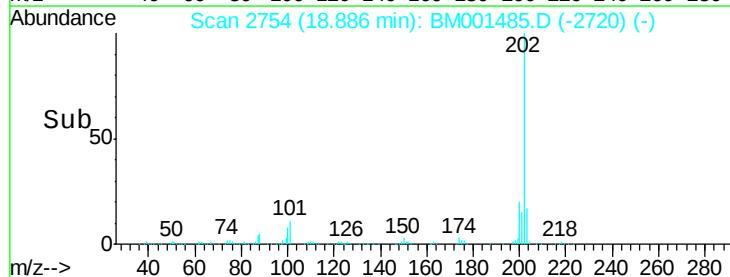
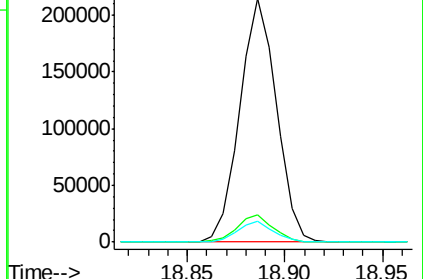
100 8.5 6.5 9.7

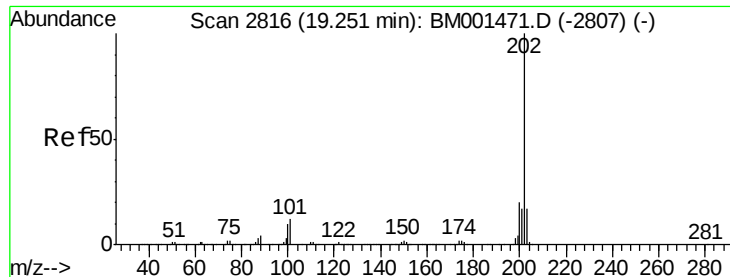


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.50 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

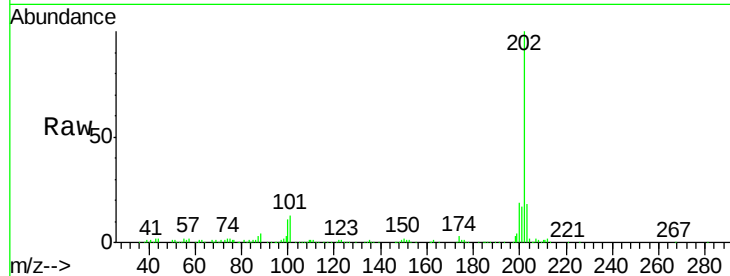
Instrument :

BNA_M

ClientSampleId :

BCRB8RE

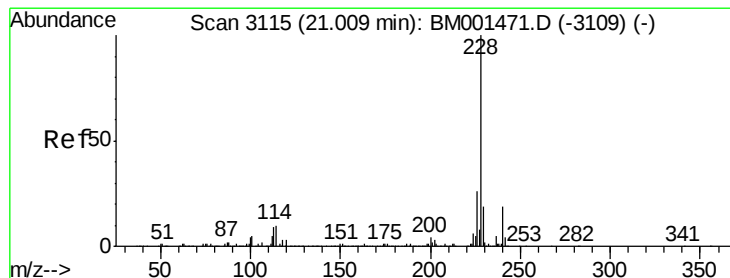
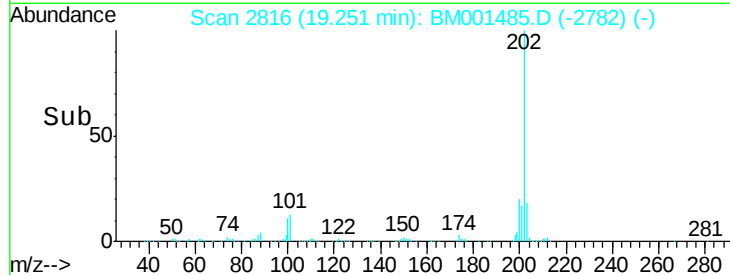
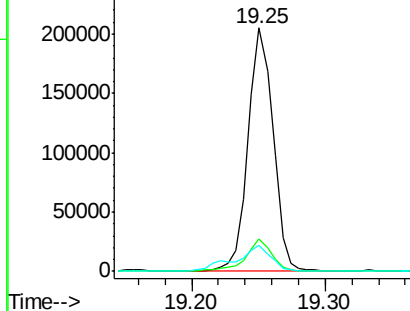
Tgt Ion:	202	Resp:	266497
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.3	15.5
100	10.8	8.6	12.8



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



#80

Benzo(a)anthracene

Concen: 2.78 ng/ul

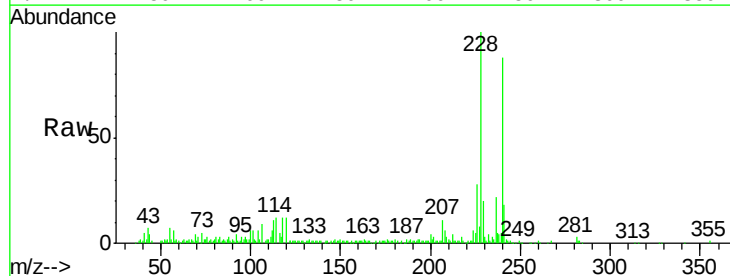
RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

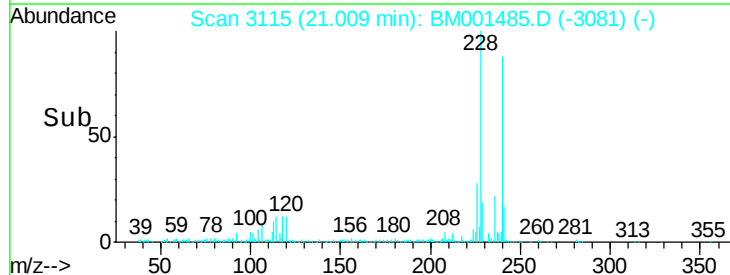
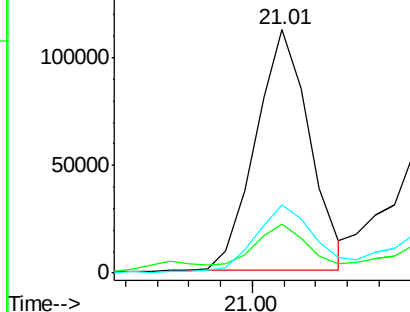
Tgt Ion:	228	Resp:	131860
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.8	23.8
226	28.1	20.6	30.8

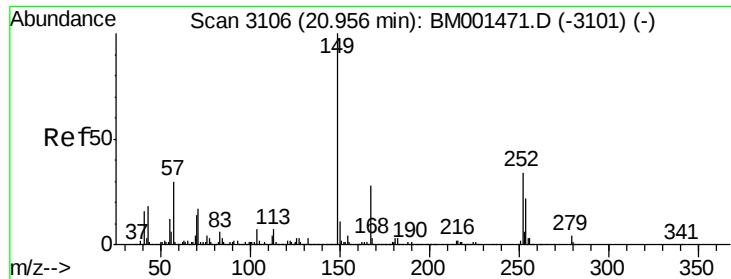


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

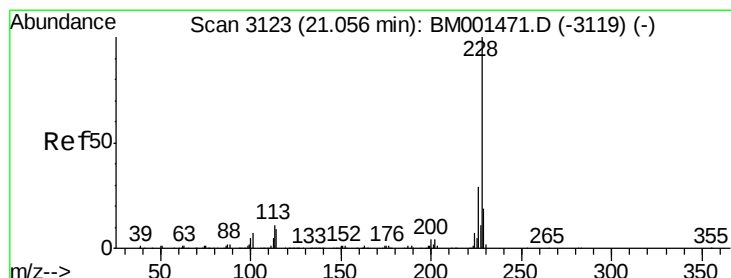
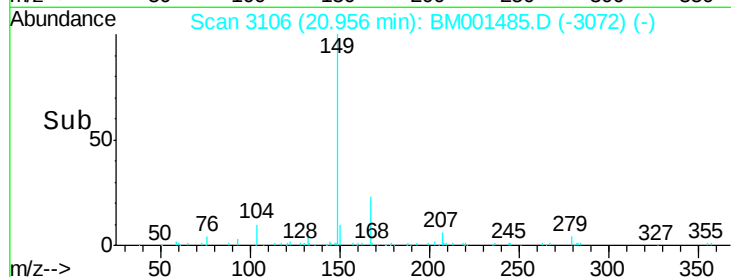
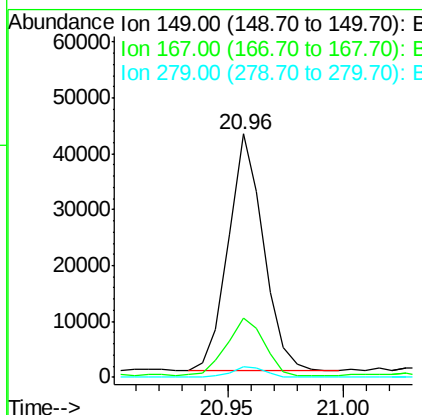
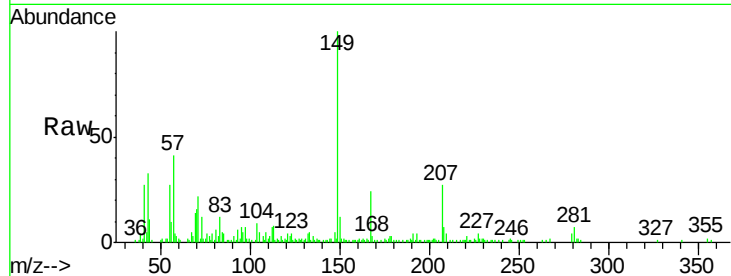




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.49 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM001485.D
 Acq: 30 May 2015 21:15

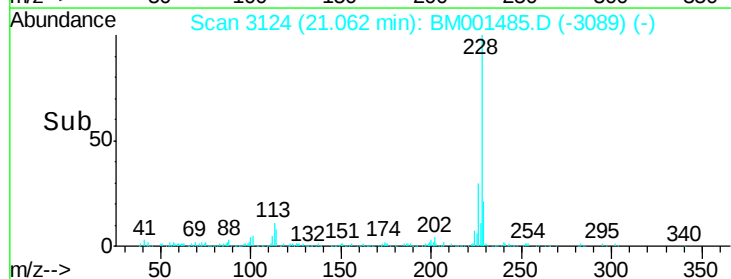
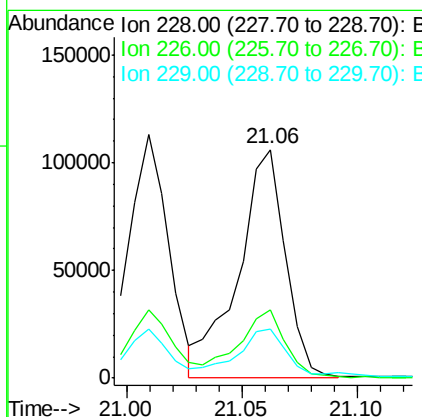
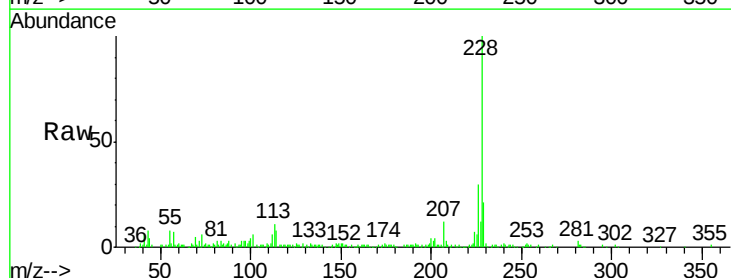
Instrument :
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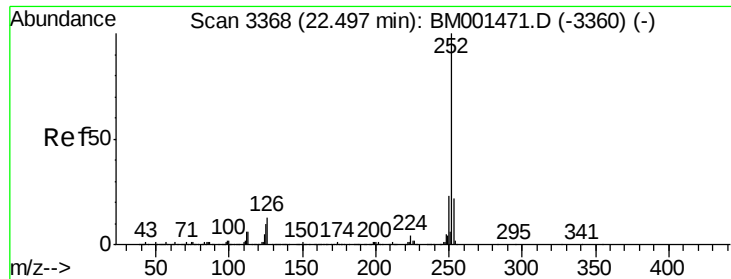
Tgt Ion:149 Resp: 45161
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.2 31.8
 279 4.2 3.1 4.7



#82
 Chrysene
 Concen: 3.38 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001485.D
 Acq: 30 May 2015 21:15

Tgt Ion:228 Resp: 150781
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.0 34.4
 229 21.4 15.7 23.5





#85

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

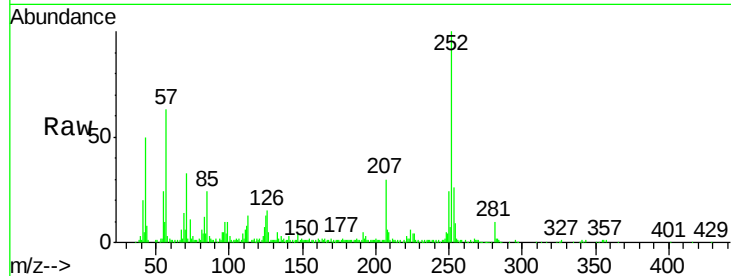
Instrument :

BNA_M

ClientSampleId :

BCRB8RE

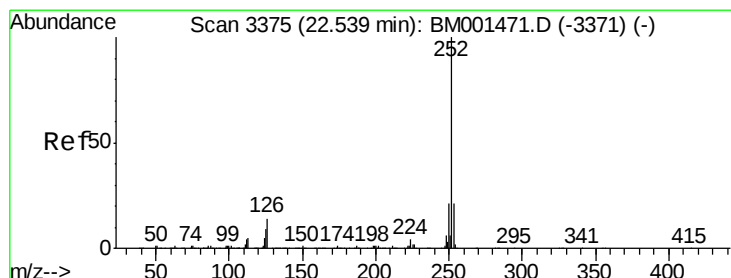
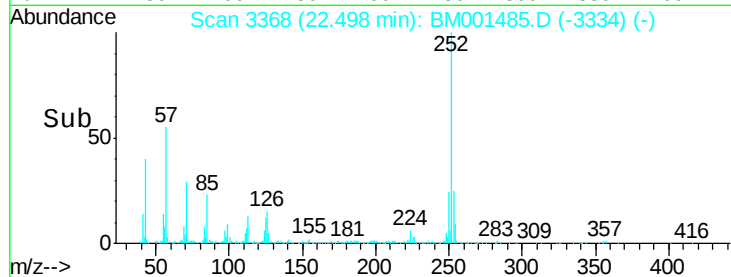
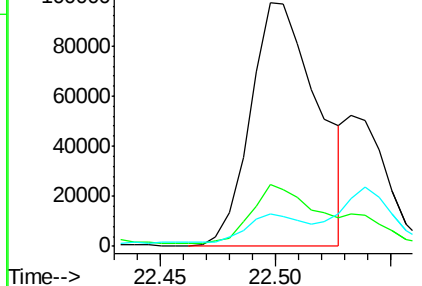
Tgt Ion:	252	Resp:	196357
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.0	27.0
125	13.4	8.6	12.8#



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



#86

Benzo(k)fluoranthene

Concen: 2.12 ng/ul

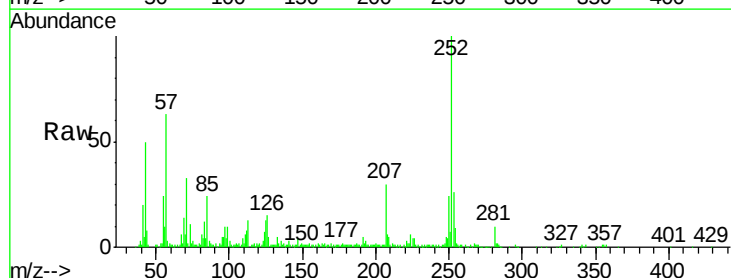
RT: 22.50 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

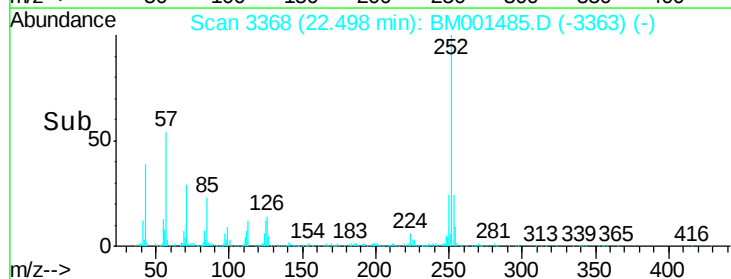
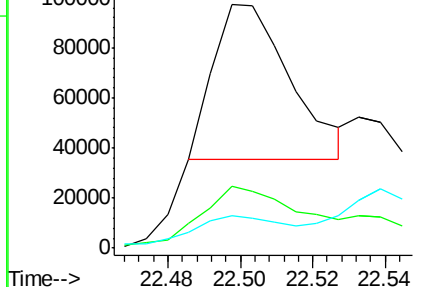
Tgt Ion:	252	Resp:	90732
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.0
125	13.4	8.6	13.0#

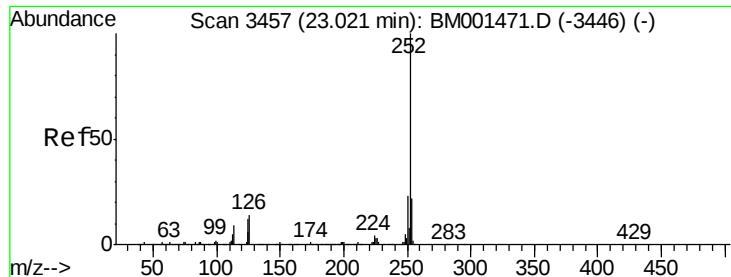


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.11 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

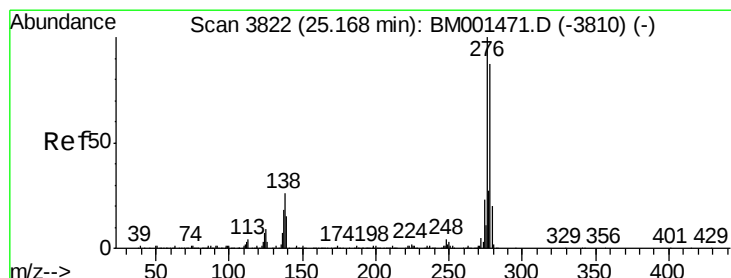
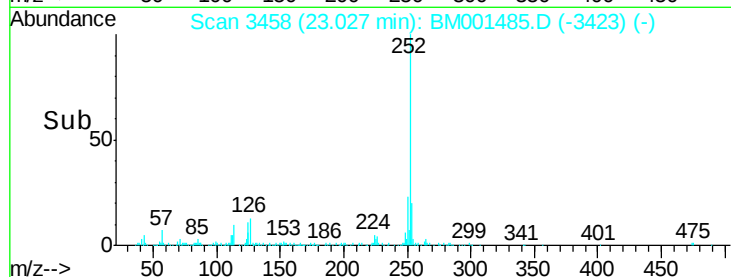
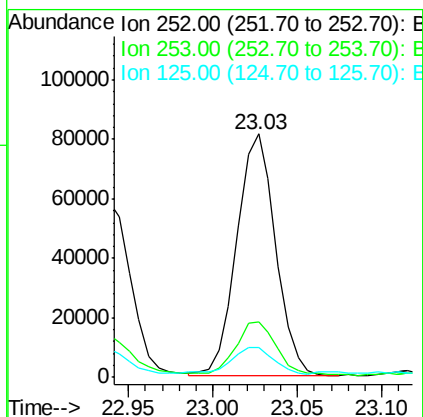
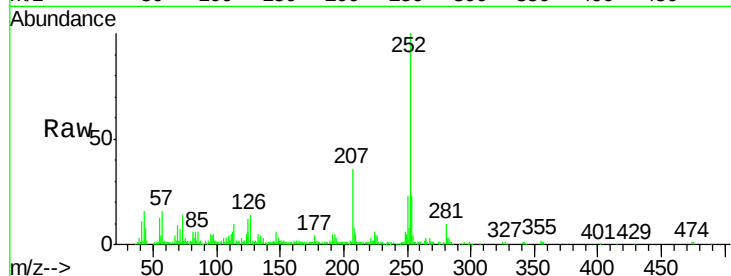
Instrument :

BNA_M

ClientSampleId :

BCRB8RE

Tgt Ion:	252	Resp:	130245
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	12.2	8.8	13.2



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.13 ng/ul

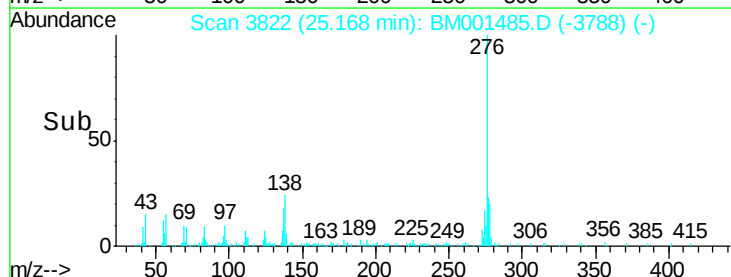
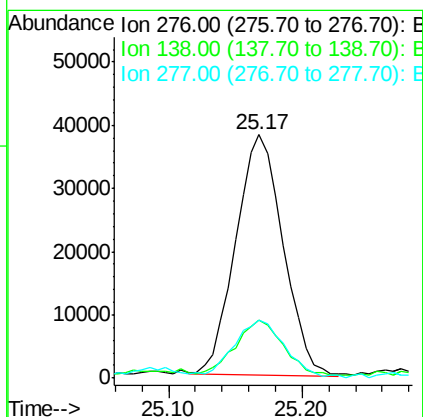
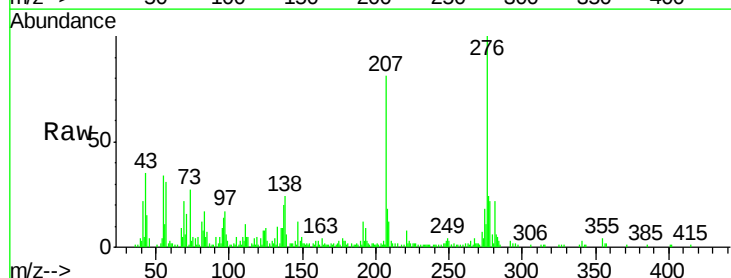
RT: 25.17 min Scan# 3822

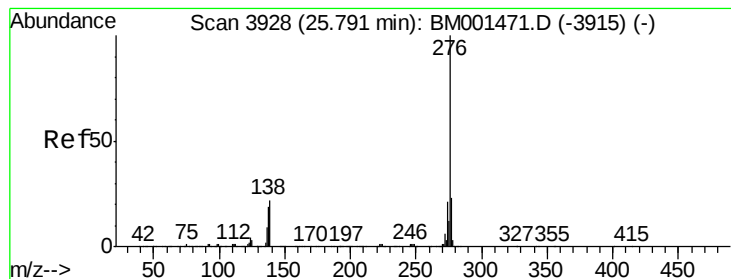
Delta R.T. 0.00 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

Tgt Ion:	276	Resp:	93822
Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	31.0
277	24.0	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 2.54 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001485.D

Acq: 30 May 2015 21:15

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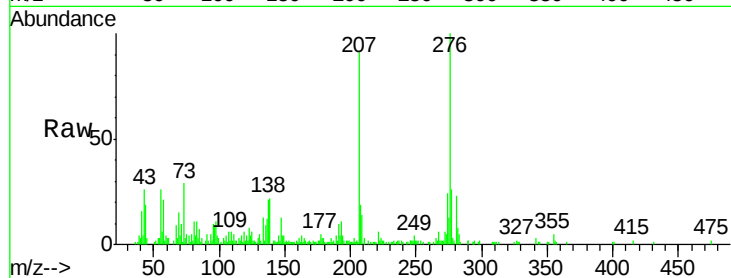
Tgt Ion: 276 Resp: 92368

Ion Ratio Lower Upper

276 100

138 21.9 17.9 26.9

277 26.2 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

