

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001477.D
 Acq On : 30 May 2015 16:23
 Operator : TP/IZ
 Sample : G2411-10RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC1RE

Quant Time: May 31 02:20:26 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	165121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	668218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	367455	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	728977	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	711988	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	651546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	12202	3.69	ng/uL	0.00
5) Phenol-d5	6.58	99	289211	23.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	177065	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	248828	24.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	206914	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	115208	26.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	132729	26.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	247361	24.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	113215	9.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	659455	25.59	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	906473	25.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	111633	21.25	ng/ul	0.00
57) Fluorene-d10	15.06	176	620723	24.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	60855	13.56	ng/ul	0.00
70) Anthracene-d10	16.92	188	845282	25.15	ng/ul	0.00
76) Pyrene-d10	19.22	212	898139	29.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	756561	26.26	ng/ul	0.00

Target Compounds

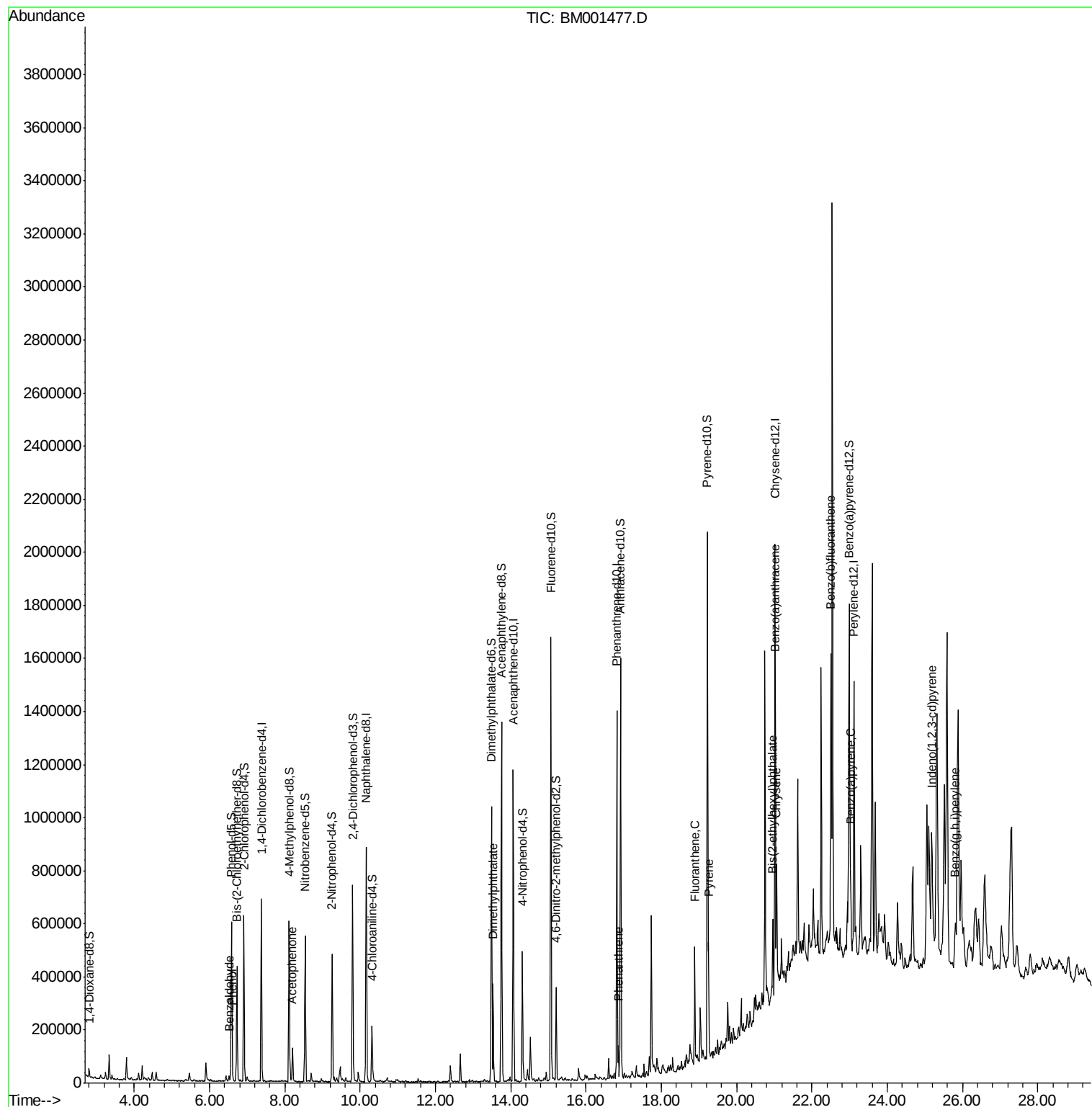
					Qvalue
4) Benzaldehyde	6.52	77	6665	1.05 ng/ul	95
6) Phenol	6.60	94	14268	1.10 ng/ul	96
14) Acetophenone	8.20	105	59787	3.55 ng/ul	98
44) Dimethylphthalate	13.53	163	224952	7.73 ng/ul	100
69) Phenanthrene	16.86	178	63952	1.58 ng/ul	95
74) Fluoranthene	18.89	202	240524	4.89 ng/ul	98
77) Pyrene	19.25	202	235916	5.54 ng/ul	98
80) Benzo(a)anthracene	21.01	228	126921	3.05 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	20.96	149	102956	3.88 ng/ul	99
82) Chrysene	21.06	228	156902	4.01 ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	244362	6.13 ng/ul#	93
88) Benzo(a)pyrene	23.03	252	152099	4.06 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.17	276	121769	3.09 ng/ul	96
91) Benzo(g,h,i)perylene	25.80	276	122588	3.77 ng/ul	98

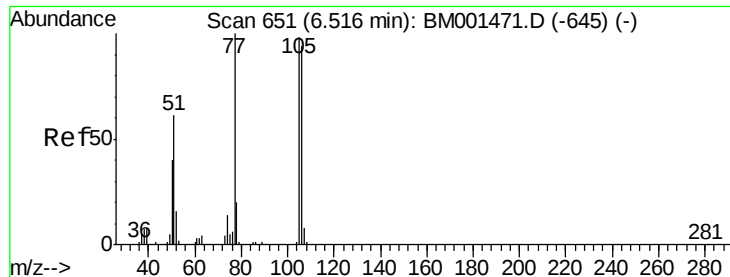
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.05 ng/ul

RT: 6.52 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Instrument :

BNA_M

ClientSampled :

BCRC1RE

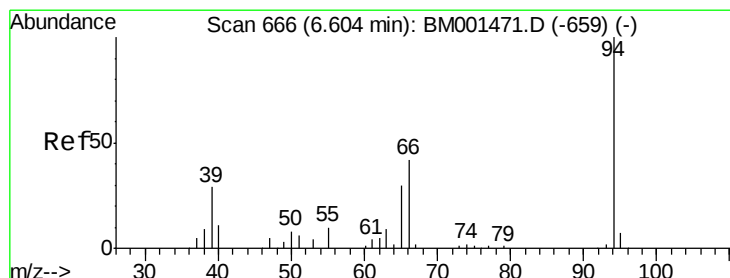
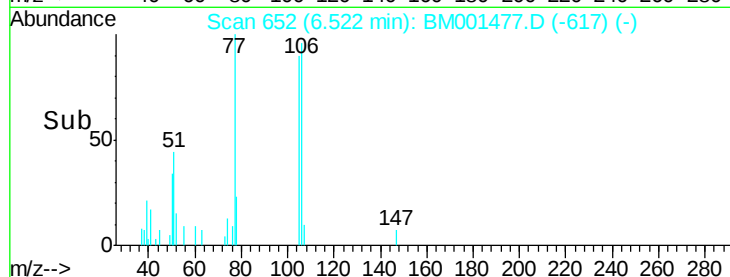
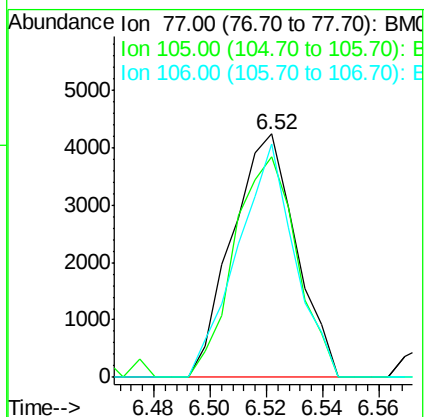
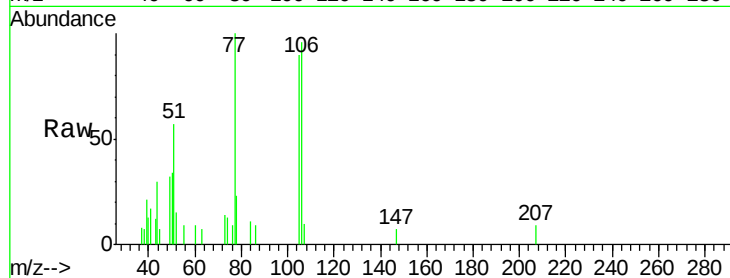
Tgt Ion: 77 Resp: 6665

Ion Ratio Lower Upper

77 100

105 90.4 78.7 118.1

106 95.8 78.5 117.7



#6

Phenol

Concen: 1.10 ng/ul

RT: 6.60 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

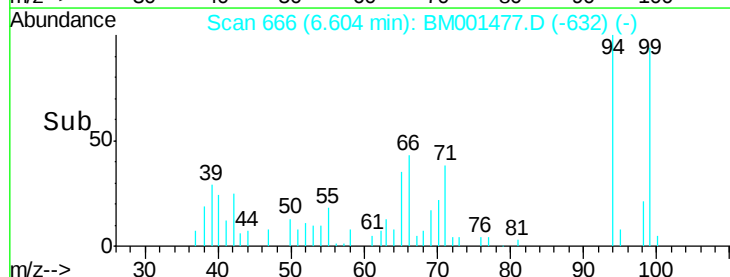
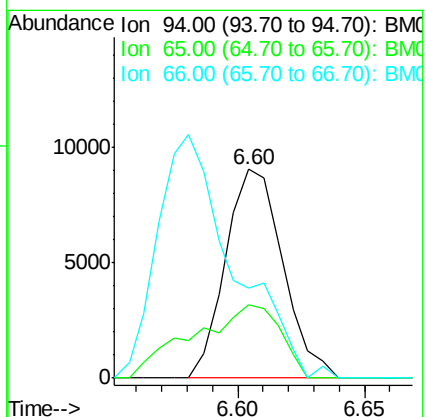
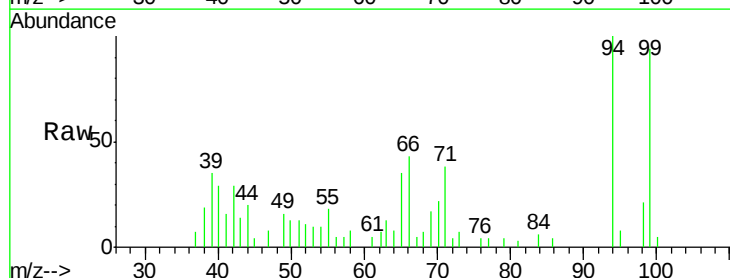
Tgt Ion: 94 Resp: 14268

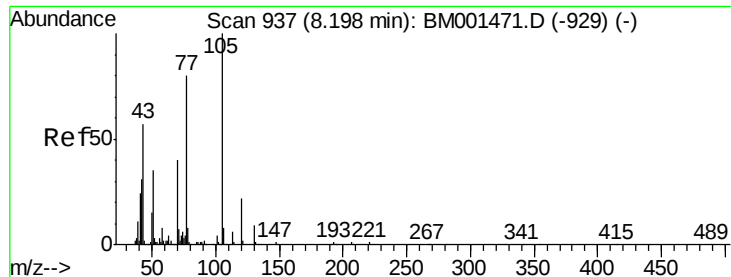
Ion Ratio Lower Upper

94 100

65 35.0 25.2 37.8

66 43.4 36.2 54.2





#14

Acetophenone

Concen: 3.55 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Instrument :

BNA_M

ClientSampleId :

BCRC1RE

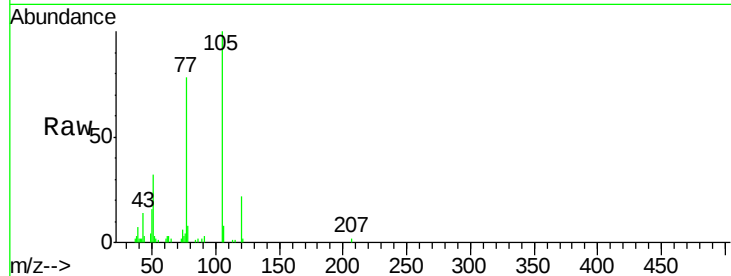
Tgt Ion:105 Resp: 59787

Ion Ratio Lower Upper

105 100

77 78.0 61.6 92.4

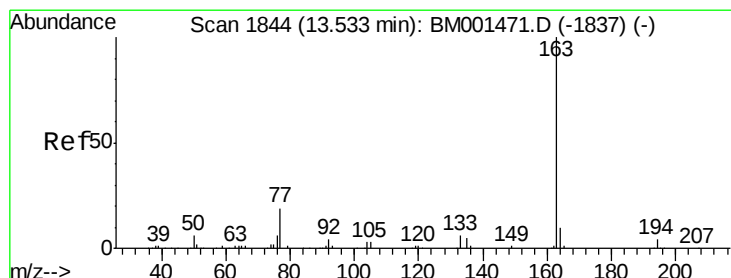
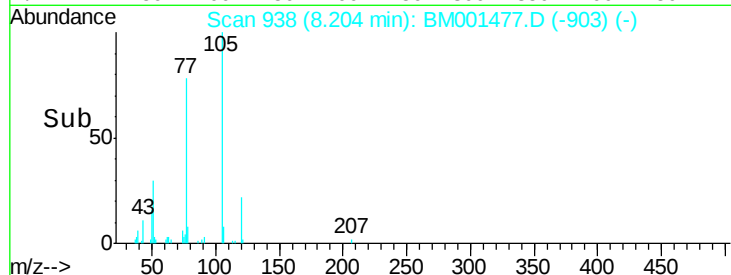
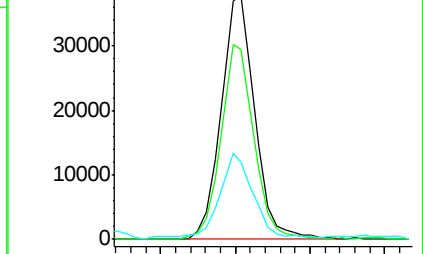
51 31.6 27.5 41.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM001477.D (-903) (-)

Ion 51.00 (50.70 to 51.70): BM001477.D (-903) (-)



#44

Dimethylphthalate

Concen: 7.73 ng/ul

RT: 13.53 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

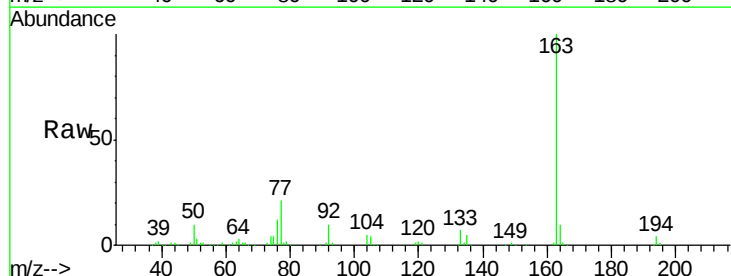
Tgt Ion:163 Resp: 224952

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

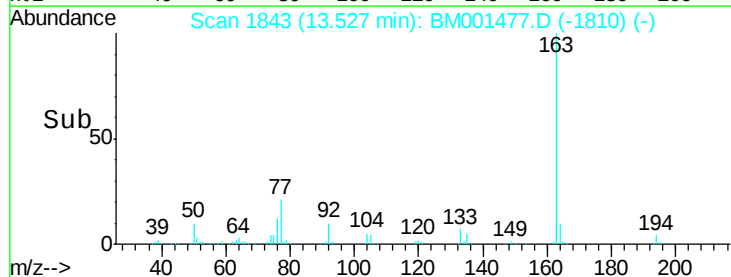
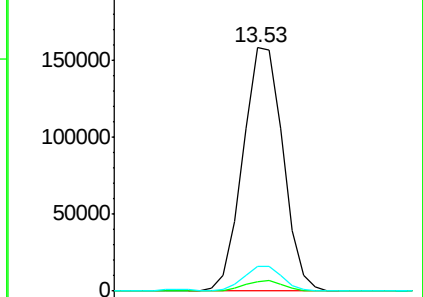
164 10.3 8.2 12.4

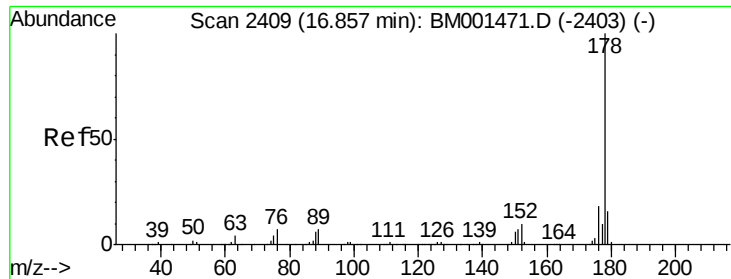


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.58 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Instrument :

BNA_M

ClientSampleId :

BCRC1RE

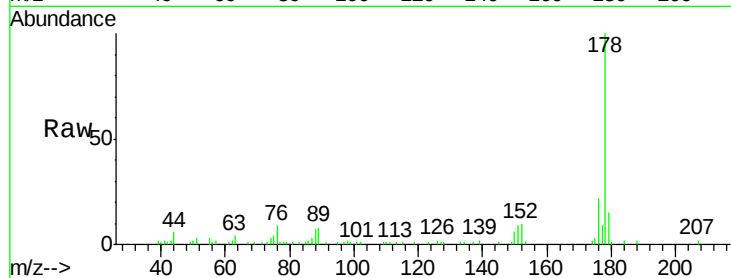
Tgt Ion:178 Resp: 63952

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

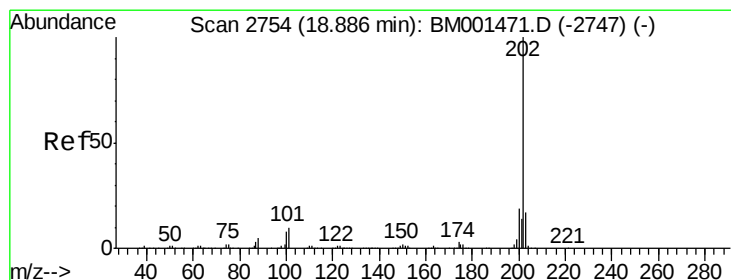
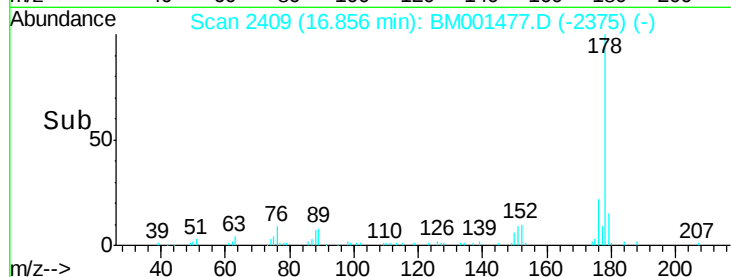
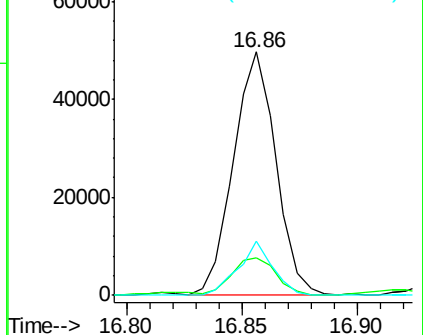
176 22.3 15.0 22.4



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: 4.89 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

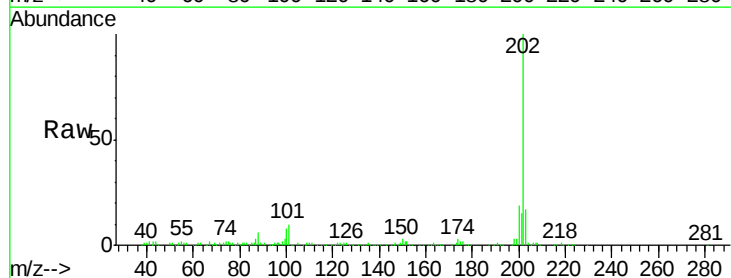
Tgt Ion:202 Resp: 240524

Ion Ratio Lower Upper

202 100

101 9.8 8.6 12.8

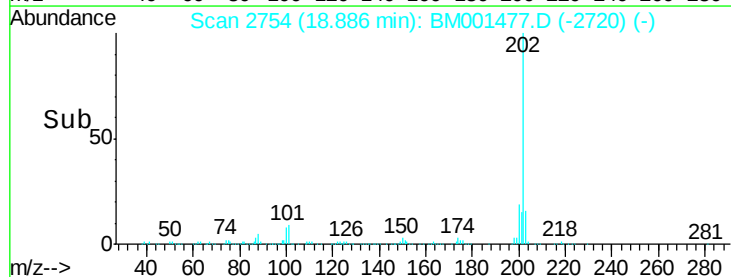
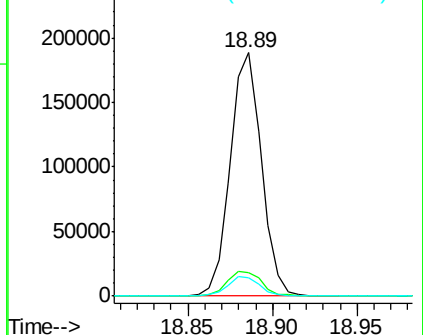
100 7.6 6.5 9.7

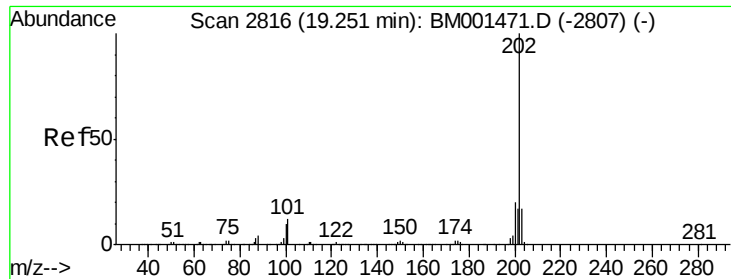


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.54 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

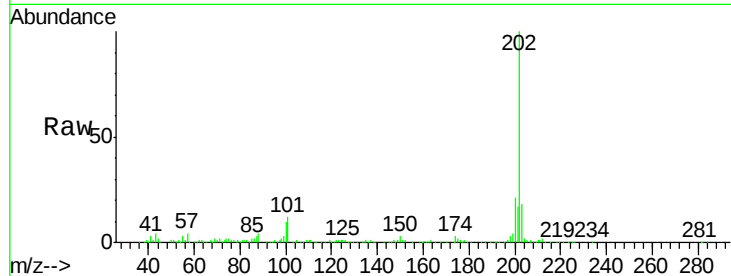
Instrument :

BNA_M

ClientSampleId :

BCRC1RE

Tgt Ion:	202	Resp:	235916
Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.3	15.5
100	10.1	8.6	12.8

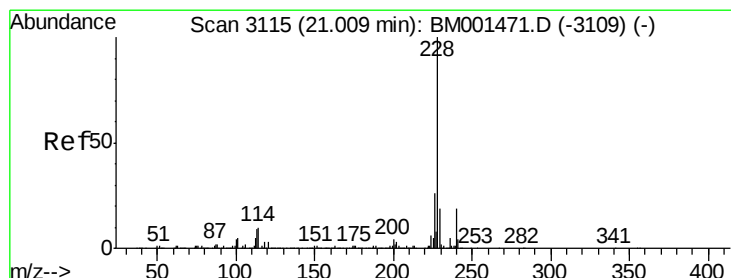
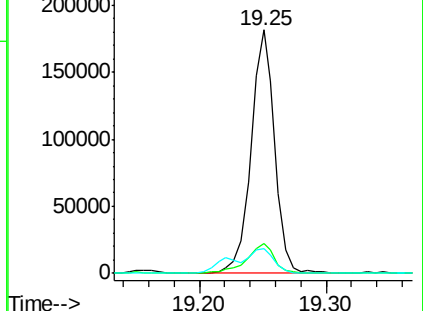
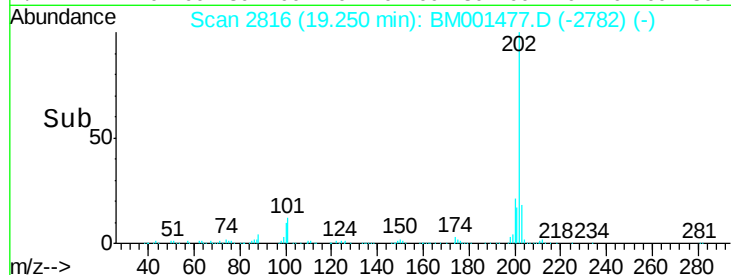


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



#80

Benzo(a)anthracene

Concen: 3.05 ng/ul

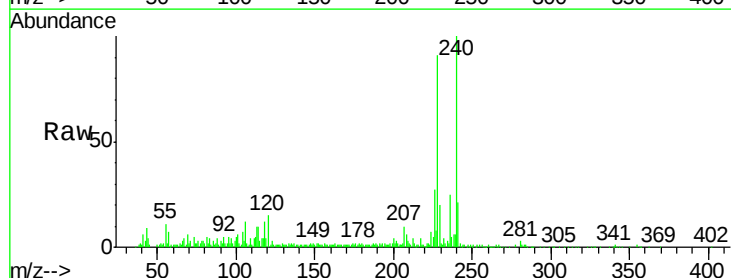
RT: 21.01 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Tgt Ion:	228	Resp:	126921
Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.8
226	29.8	20.6	30.8

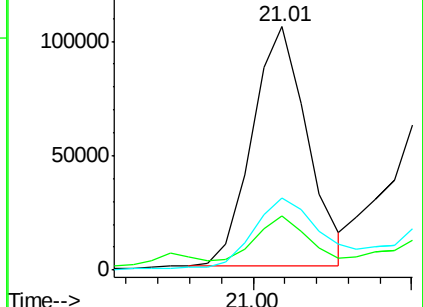
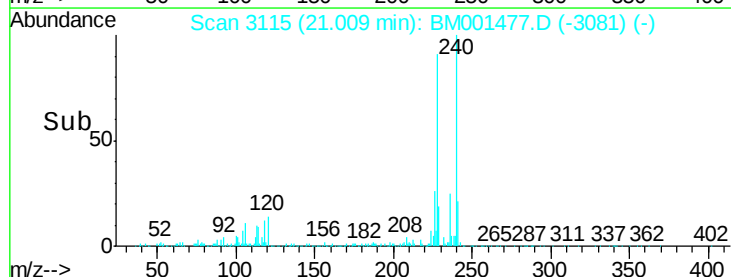


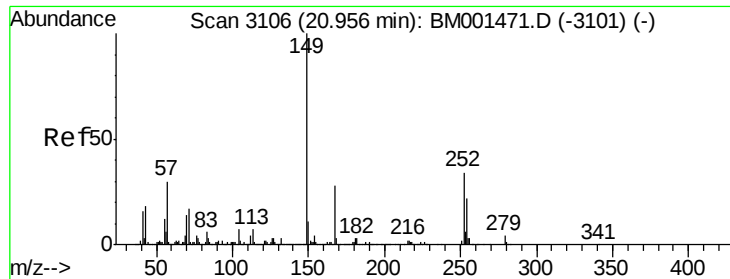
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

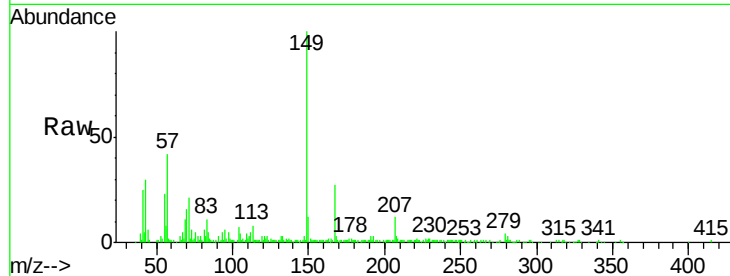




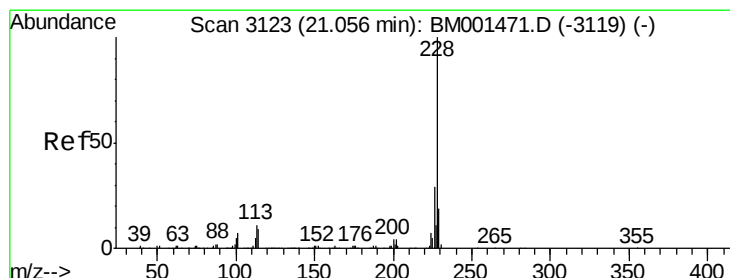
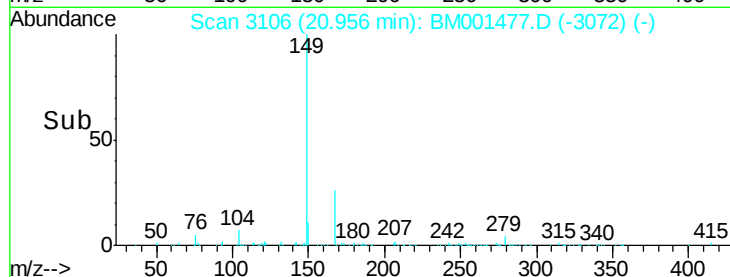
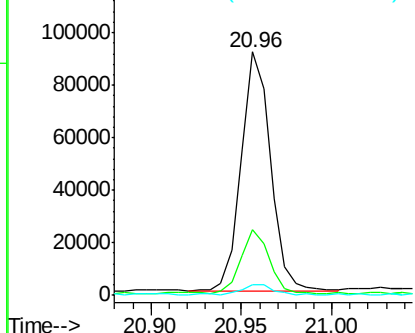
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.88 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM001477.D
 Acq: 30 May 2015 16:23

Instrument :
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.2	31.8
279	4.3	3.1	4.7

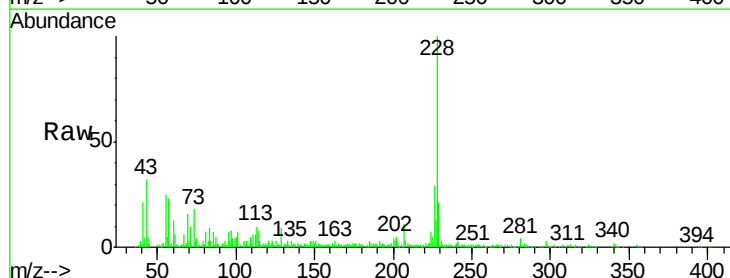


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

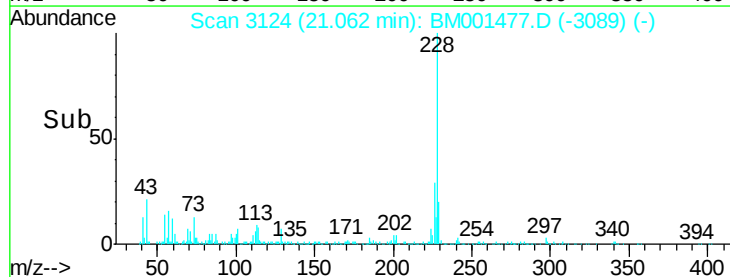
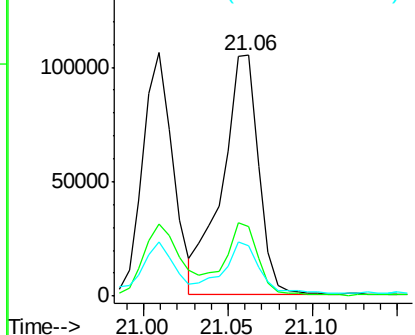


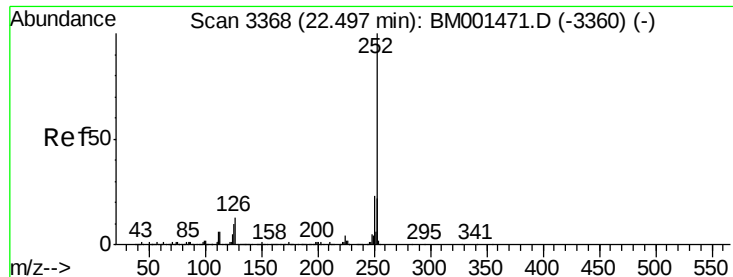
#82
 Chrysene
 Concen: 4.01 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001477.D
 Acq: 30 May 2015 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	21.0	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





#85

Benzo(b)fluoranthene

Concen: 6.13 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Instrument :

BNA_M

ClientSampleId :

BCRC1RE

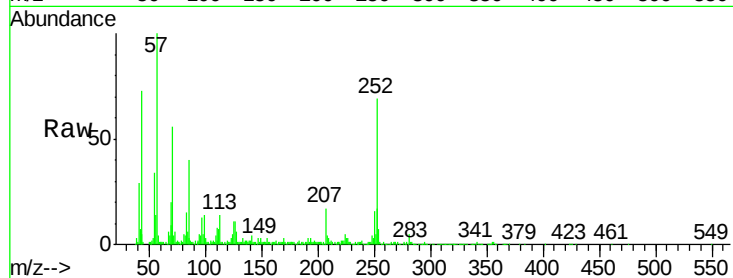
Tgt Ion:252 Resp: 244362

Ion Ratio Lower Upper

252 100

253 24.4 18.0 27.0

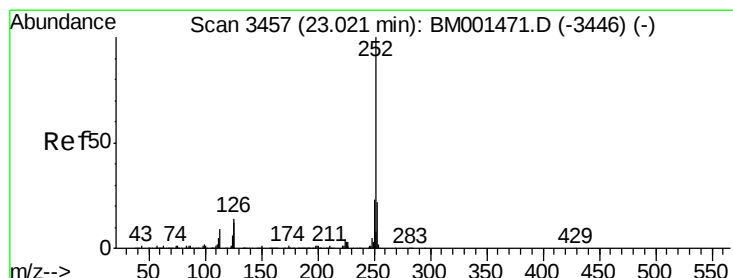
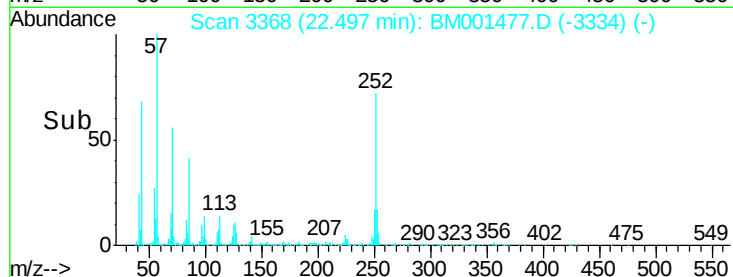
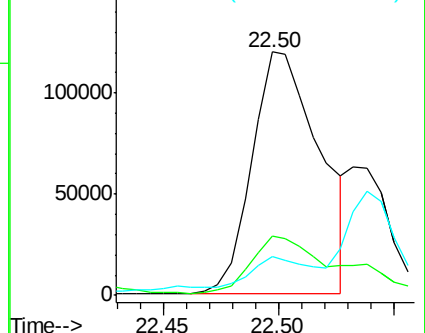
125 15.9 8.6 12.8#



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



#88

Benzo(a)pyrene

Concen: 4.06 ng/ul

RT: 23.03 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

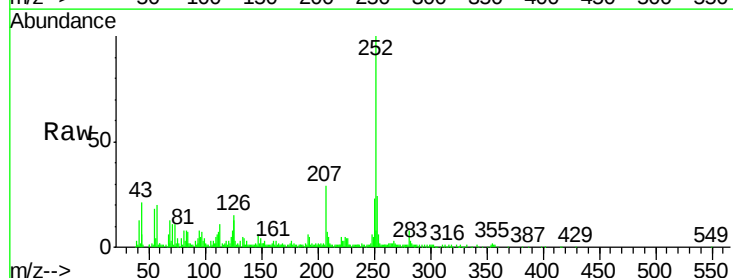
Tgt Ion:252 Resp: 152099

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.4

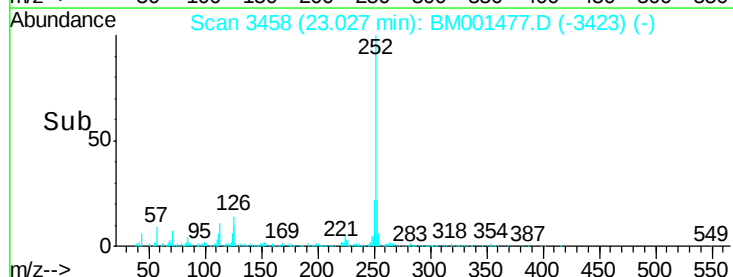
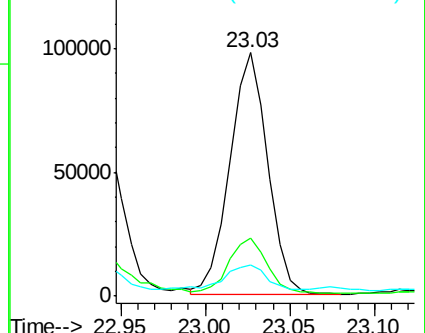
125 12.9 8.8 13.2

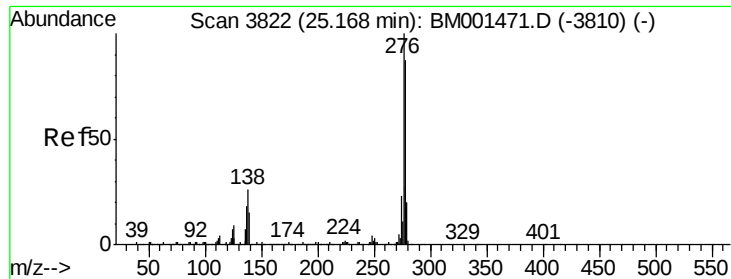


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.09 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. -0.00 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

Instrument :

BNA_M

ClientSampleId :

BCRC1RE

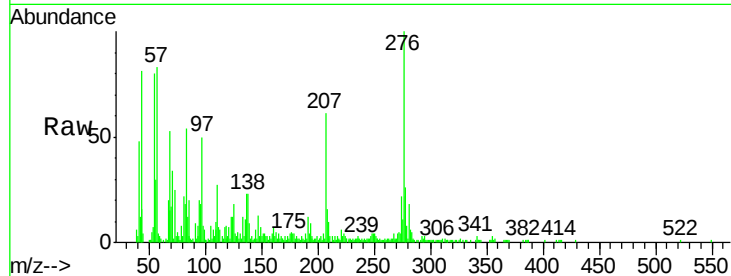
Tgt Ion:276 Resp: 121769

Ion Ratio Lower Upper

276 100

138 23.5 20.6 31.0

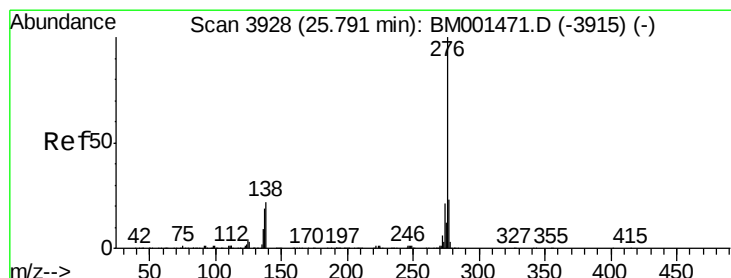
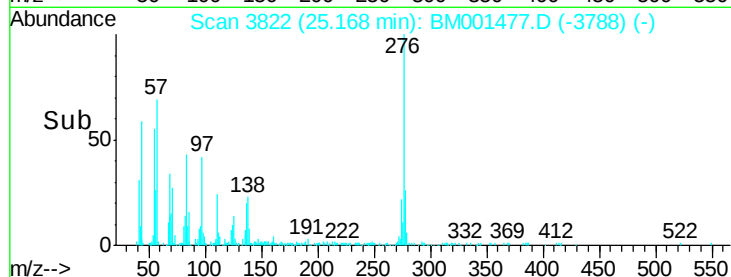
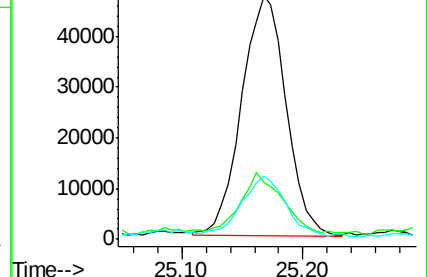
277 25.8 19.2 28.8



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



#91

Benzo(g,h,i)perylene

Concen: 3.77 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001477.D

Acq: 30 May 2015 16:23

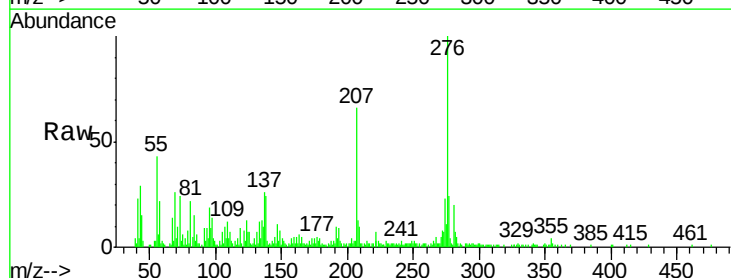
Tgt Ion:276 Resp: 122588

Ion Ratio Lower Upper

276 100

138 24.1 17.9 26.9

277 24.1 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

