

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012483.D
 Acq On : 27 Oct 2017 13:07
 Operator : SJ/JU
 Sample : I5719-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 00:16:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	399564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1478354	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	829420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	1810727	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2049071	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2411212	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.36	96	38225	4.89	ng/uL	0.00
5) Phenol-d5	7.04	99	657507	19.70	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	450468	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	552449	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	275391	9.65	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	269992	29.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	289700	30.37	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	514894	20.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	180236	6.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1703785	23.51	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2075778	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	98655	9.16	ng/ul	-0.01
57) Fluorene-d10	15.49	176	1446636	23.59	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	57758	6.59	ng/ul	-0.01
70) Anthracene-d10	17.34	188	2111864	24.47	ng/ul	-0.01
76) Pyrene-d10	19.63	212	2409701	25.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2783441	24.30	ng/ul	0.00

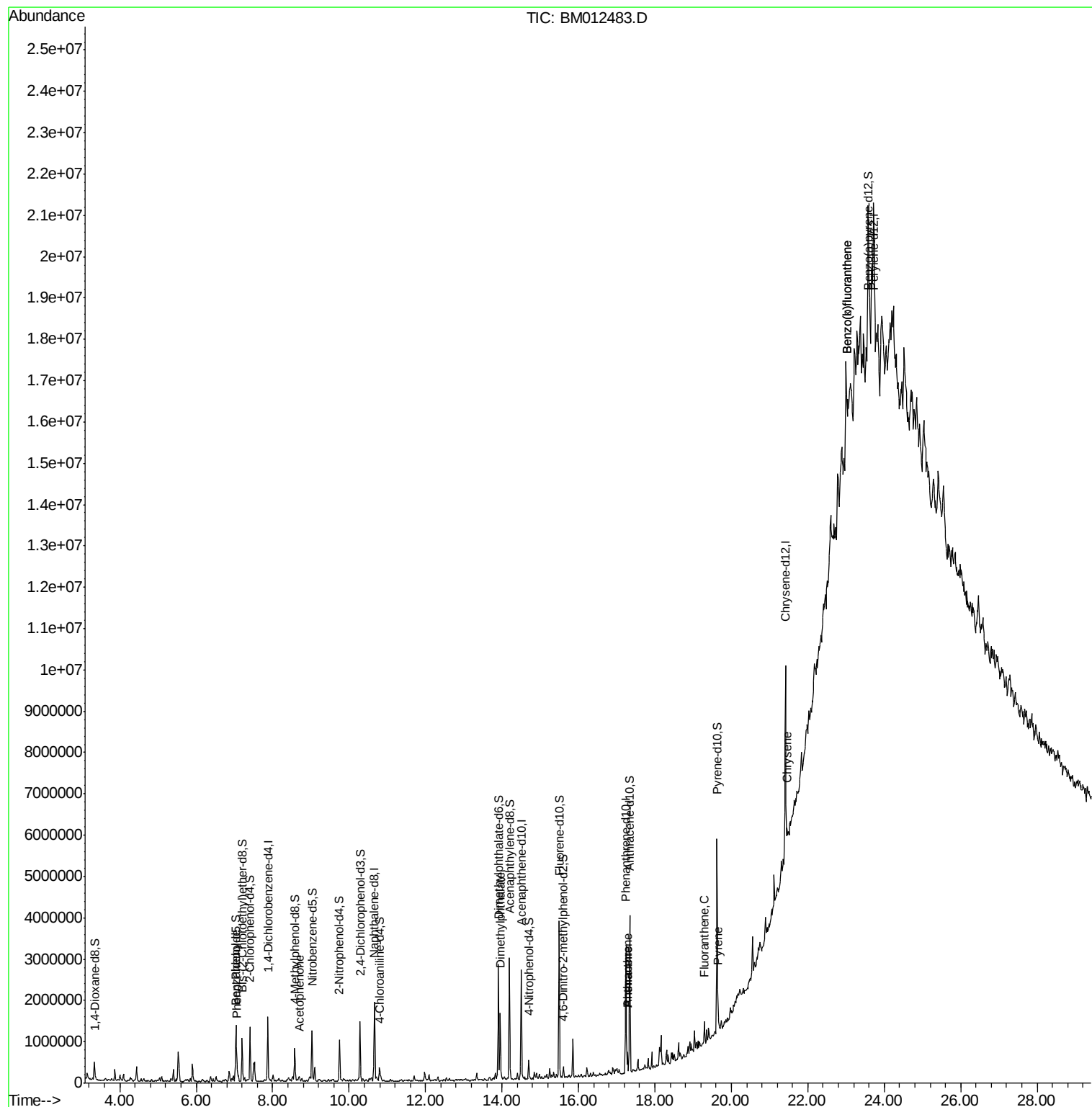
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	7.02	77	23515	1.30	ng/ul#	1
6) Phenol	7.07	94	185441	5.34	ng/ul#	86
14) Acetophenone	8.69	105	63571	1.42	ng/ul	86
44) Dimethylphthalate	13.96	163	951626	13.28	ng/ul	99
69) Phenanthrene	17.29	178	319241	3.26	ng/ul	99
71) Anthracene	17.29	178	319241	3.15	ng/ul	97
74) Fluoranthene	19.30	202	206412	1.86	ng/ul#	96
77) Pyrene	19.66	202	224741	1.93	ng/ul#	88
82) Chrysene	21.45	228	297511	2.73	ng/ul#	89
85) Benzo(b)fluoranthene	23.03	252	220638	1.48	ng/ul#	25
86) Benzo(k)fluoranthene	23.03	252	220638	1.57	ng/ul#	22

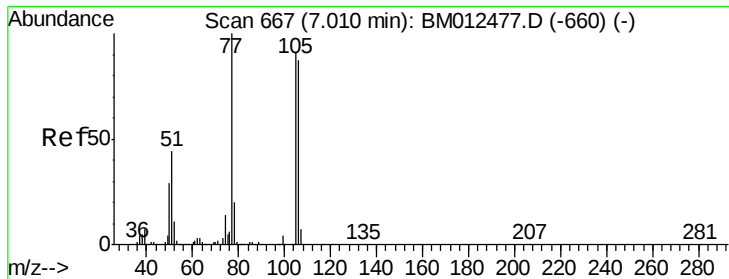
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.30 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampled :

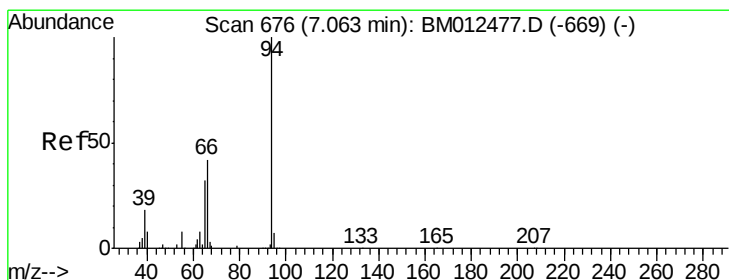
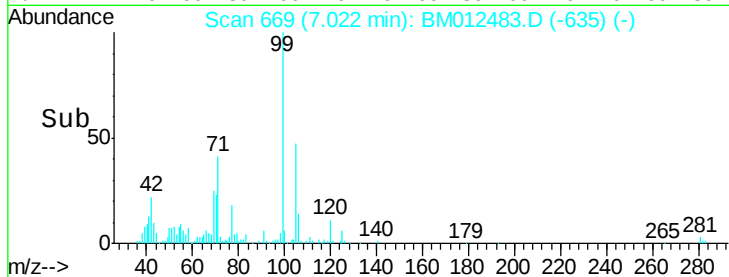
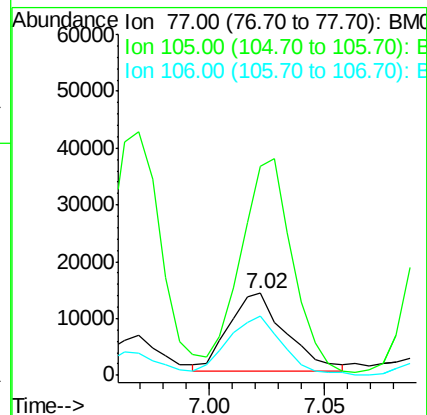
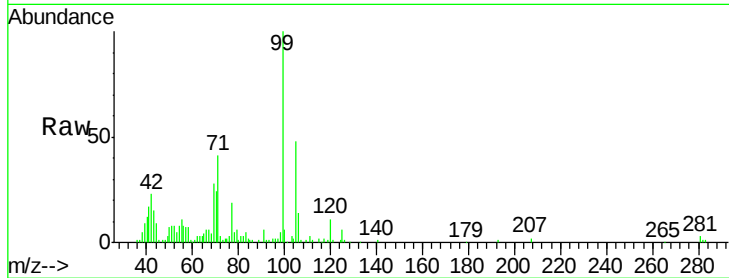
Tot Ion: 77 Resp: 23515

Ion Ratio Lower Upper

77 100

105 255.2 66.1 99.1#

106 73.1 67.8 101.6



#6

Phenol

Concen: 5.34 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

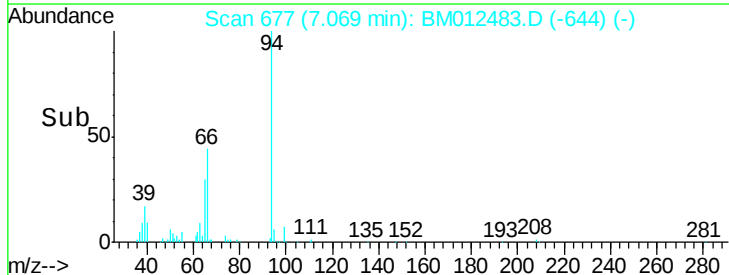
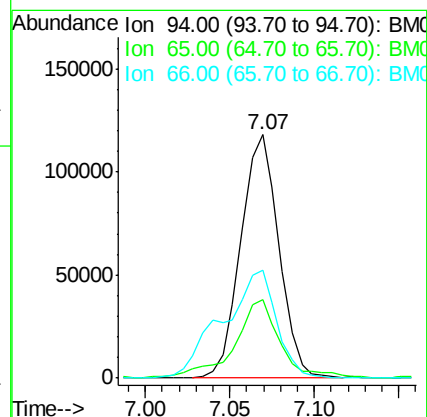
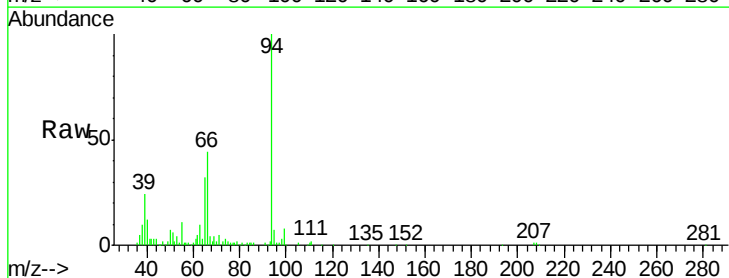
Tgt Ion: 94 Resp: 185441

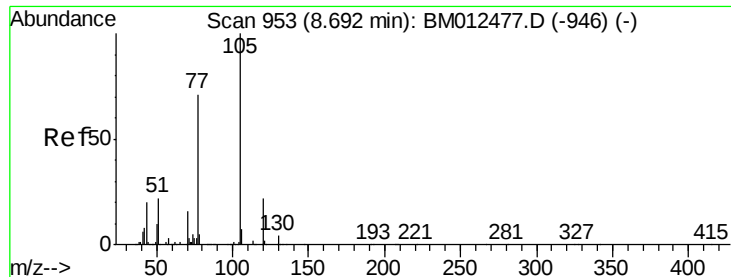
Ion Ratio Lower Upper

94 100

65 32.5 28.2 42.4

66 44.2 47.2 70.8#





#14

Acetophenone

Concen: 1.42 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampleId :

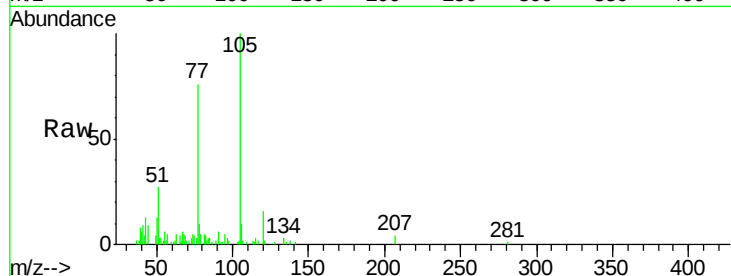
Tot Ion:105 Resp: 63571

Ion Ratio Lower Upper

105 100

77 76.3 74.2 111.4

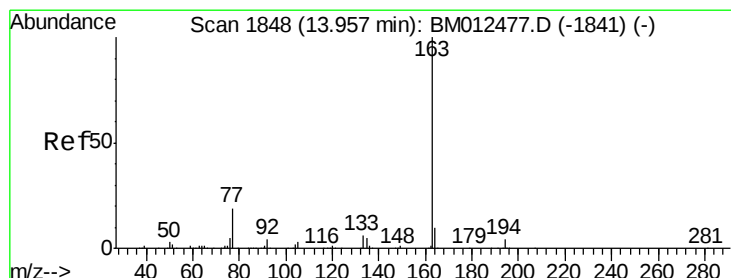
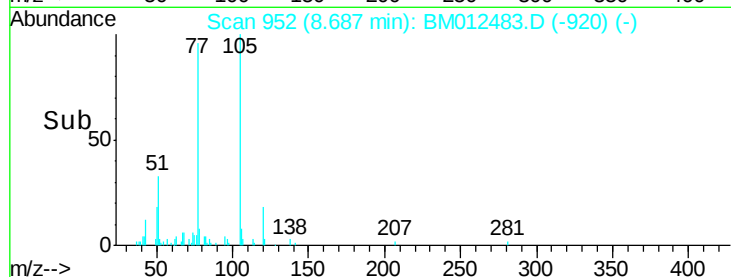
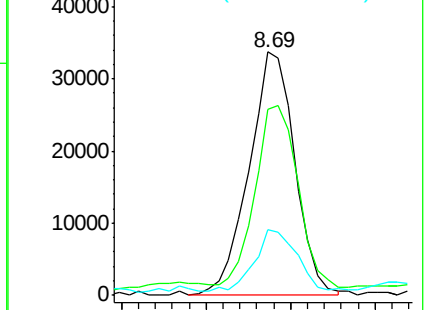
51 26.7 23.4 35.2



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: 13.28 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

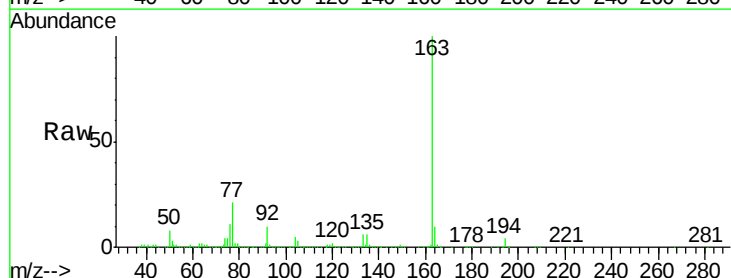
Tgt Ion:163 Resp: 951626

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

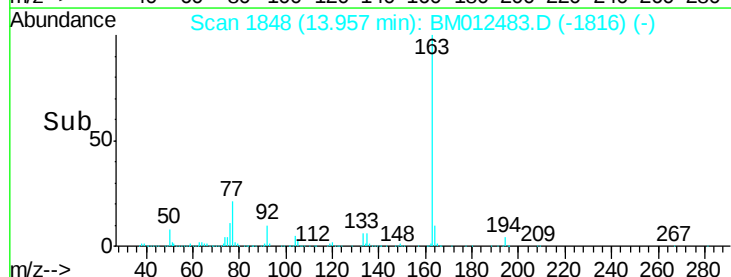
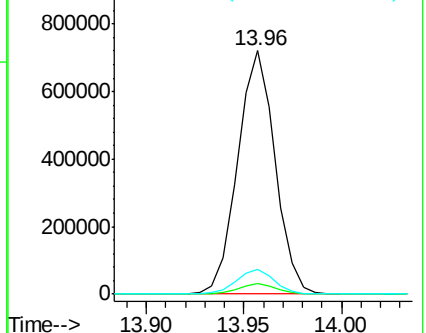
164 10.0 8.2 12.4

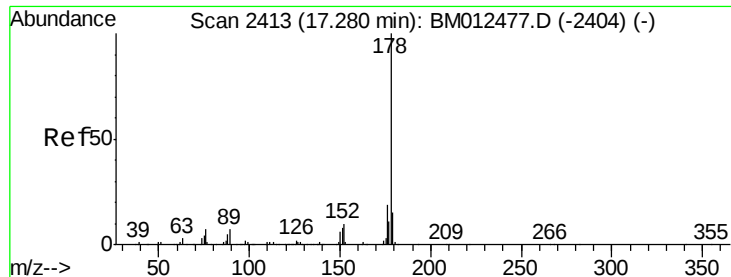


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 3.26 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampleId :

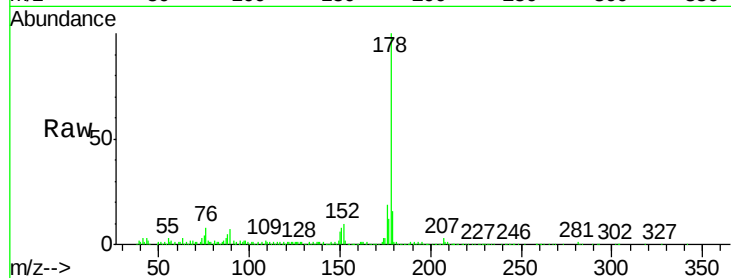
Tot Ion:178 Resp: 319241

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

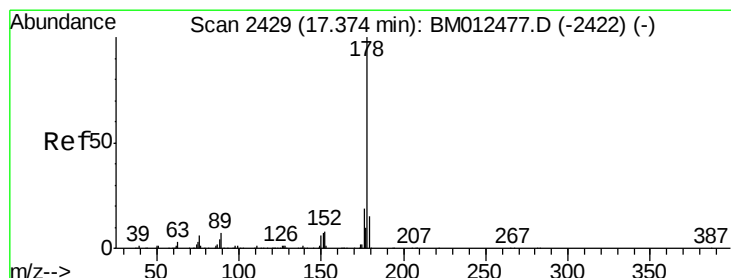
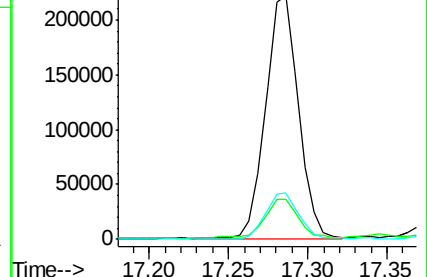
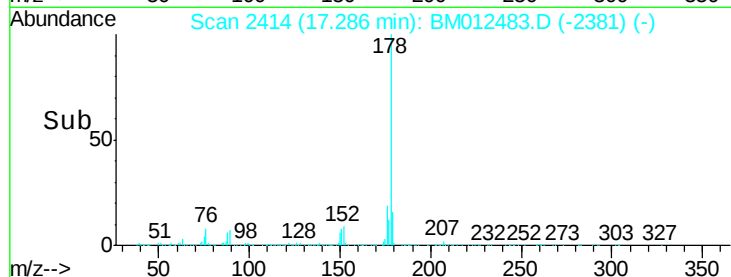
176 19.1 14.9 22.3



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: 3.15 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.10 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

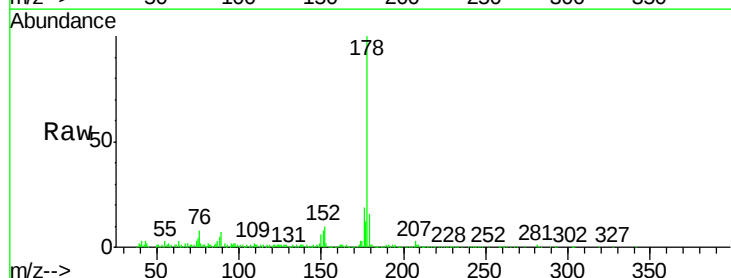
Tgt Ion:178 Resp: 319241

Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

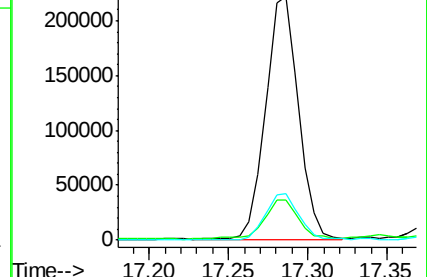
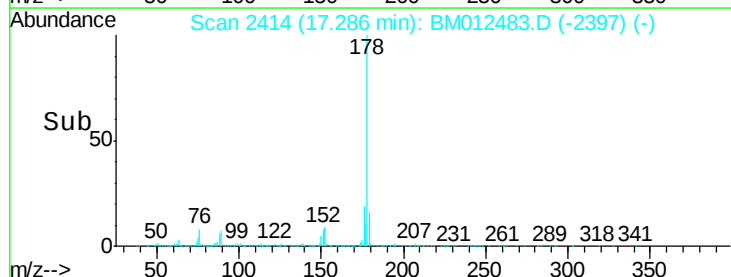
176 19.1 14.6 21.8

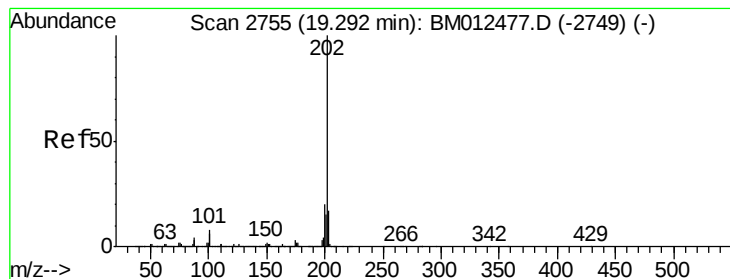


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.86 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampleId :

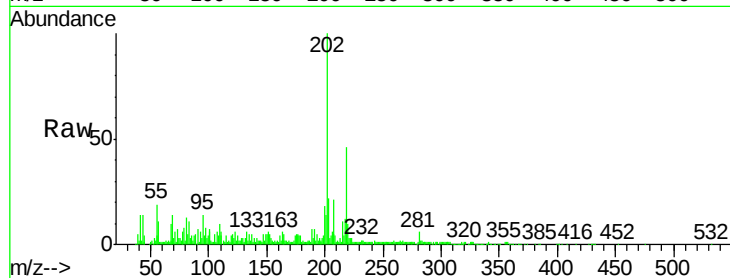
Tot Ion:202 Resp: 206412

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

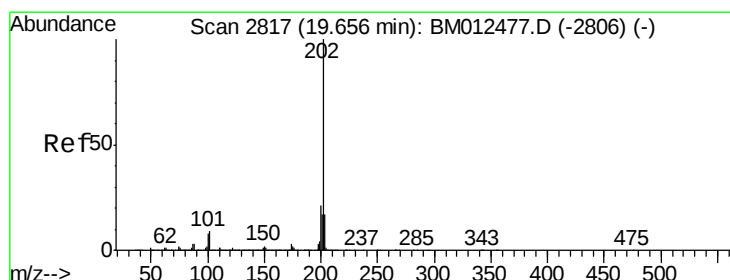
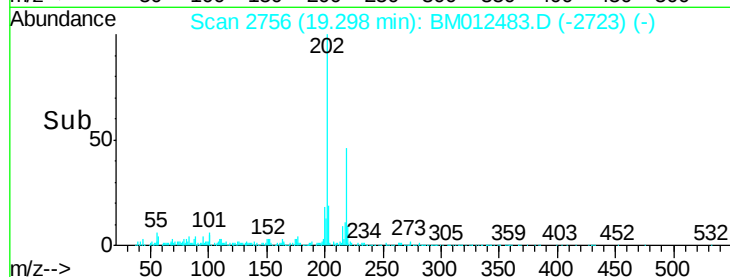
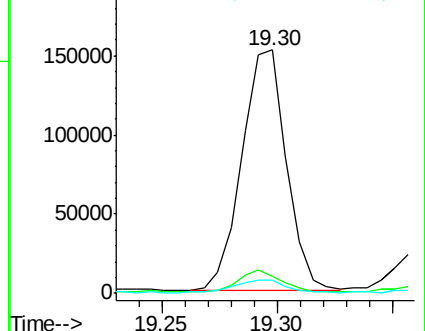
100 5.6 3.4 5.2#



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: 1.93 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

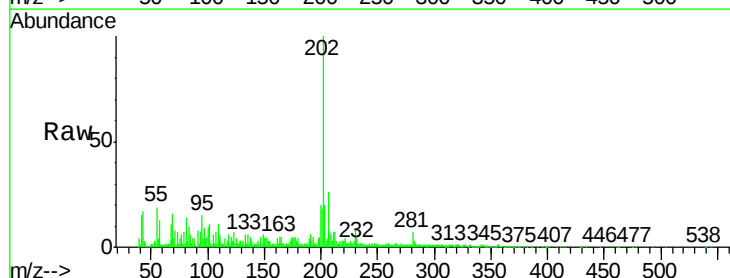
Tgt Ion:202 Resp: 224741

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

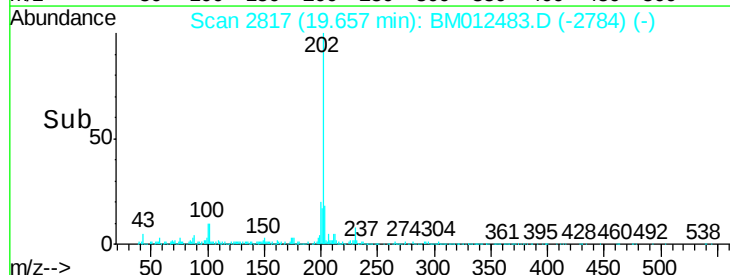
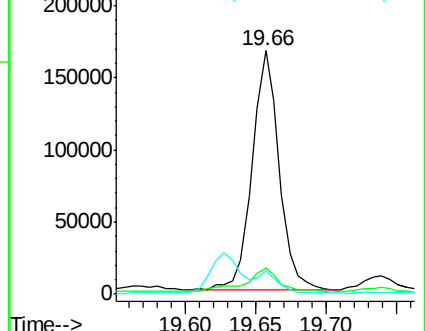
100 9.9 4.9 7.3#

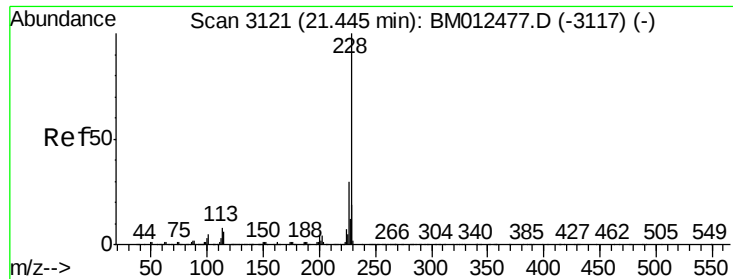


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 2.73 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM012483.D

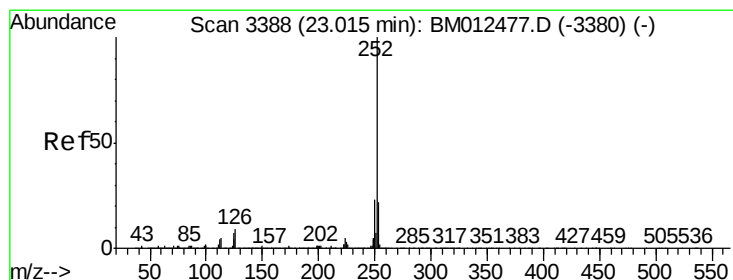
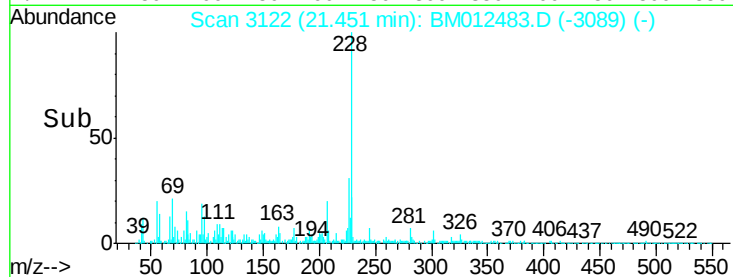
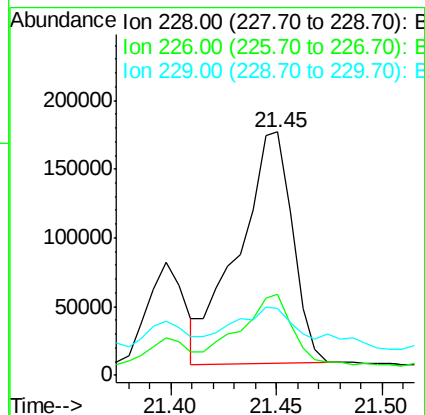
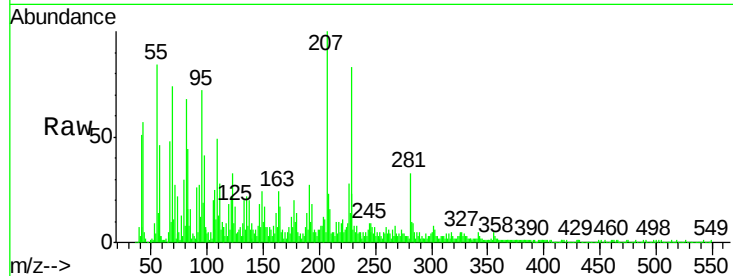
Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	297511
Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.2
229	27.4	15.5	23.3#



#85

Benzo(b)fluoranthene

Concen: 1.48 ng/ul

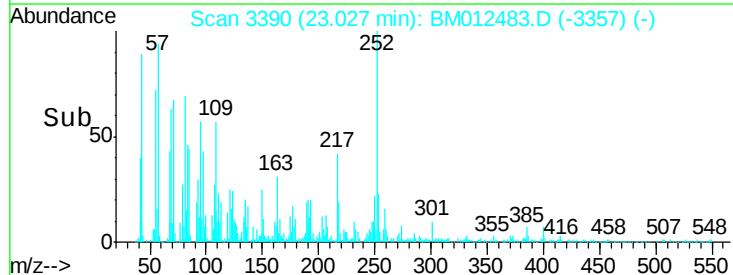
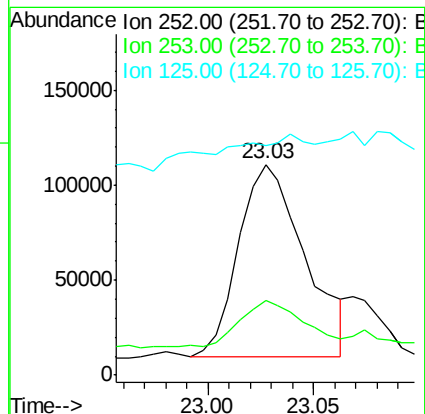
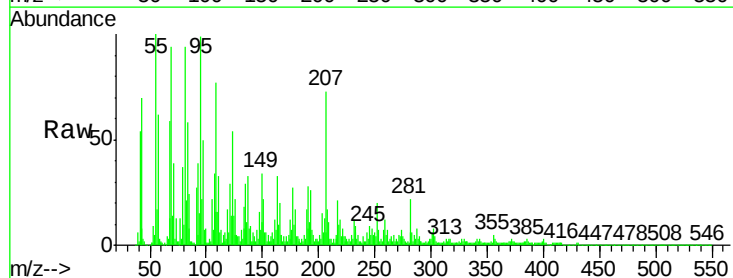
RT: 23.03 min Scan# 3390

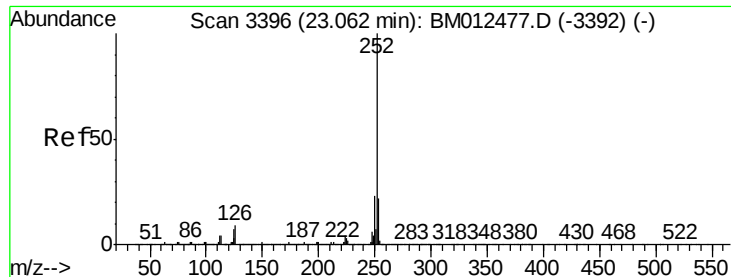
Delta R.T. -0.01 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Tgt Ion:	252	Resp:	220638
Ion	Ratio	Lower	Upper
252	100		
253	35.4	17.9	26.9#
125	108.8	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 1.57 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM012483.D

Acq: 27 Oct 2017 13:07

Instrument :

BNA_M

ClientSampleId :

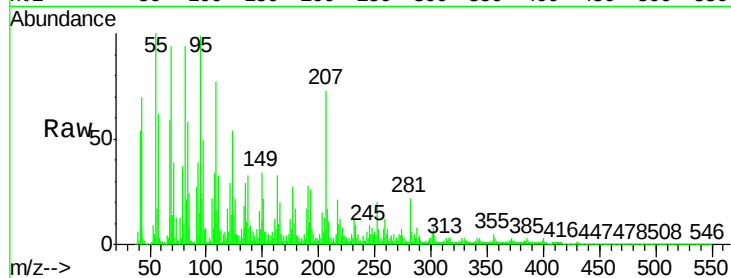
Tot Ion:252 Resp: 220638

Ion Ratio Lower Upper

252 100

253 35.4 17.1 25.7#

125 108.8 3.4 5.2#



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

