

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM012004.D
 Acq On : 09 Oct 2017 07:40
 Operator : SJ/JU
 Sample : I5522-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 03:46:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	129530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	597074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	401042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1049819	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1568376	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1889614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15914m	5.81	ng/uL	0.00
5) Phenol-d5	7.01	99	280553	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	183480	27.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	253236	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	233753	24.26	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	119027	27.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	139443	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	273155	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	208494	19.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1045525	30.08	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1196443	29.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	115217m	18.97	ng/ul	0.00
57) Fluorene-d10	15.49	176	904421	29.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	146220	20.70	ng/ul	0.00
70) Anthracene-d10	17.34	188	1542907	29.83	ng/ul	0.00
76) Pyrene-d10	19.63	212	2131045	30.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2830478	31.14	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	6.99	77	20042m	3.609	ng/ul
6) Phenol	7.04	94	16398	1.487	ng/ul 95
44) Dimethylphthalate	13.95	163	378281	11.313	ng/ul 98
69) Phenanthrene	17.28	178	231666	4.012	ng/ul 99
73) Di-n-butylphthalate	18.19	149	237119	3.888	ng/ul 98
74) Fluoranthene	19.29	202	633070	8.985	ng/ul# 90
77) Pyrene	19.66	202	546719	6.287	ng/ul# 89
80) Benzo(a)anthracene	21.40	228	353594	3.935	ng/ul 99
82) Chrysene	21.45	228	332998	3.901	ng/ul 95
85) Benzo(b)fluoranthene	23.03	252	531113	4.624	ng/ul# 96
86) Benzo(k)fluoranthene	23.07	252	167179m	1.458	ng/ul
88) Benzo(a)pyrene	23.63	252	357936	3.243	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	26.10	276	259685	2.199	ng/ul# 94
91) Benzo(g,h,i)perylene	26.83	276	213223	2.183	ng/ul# 92

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

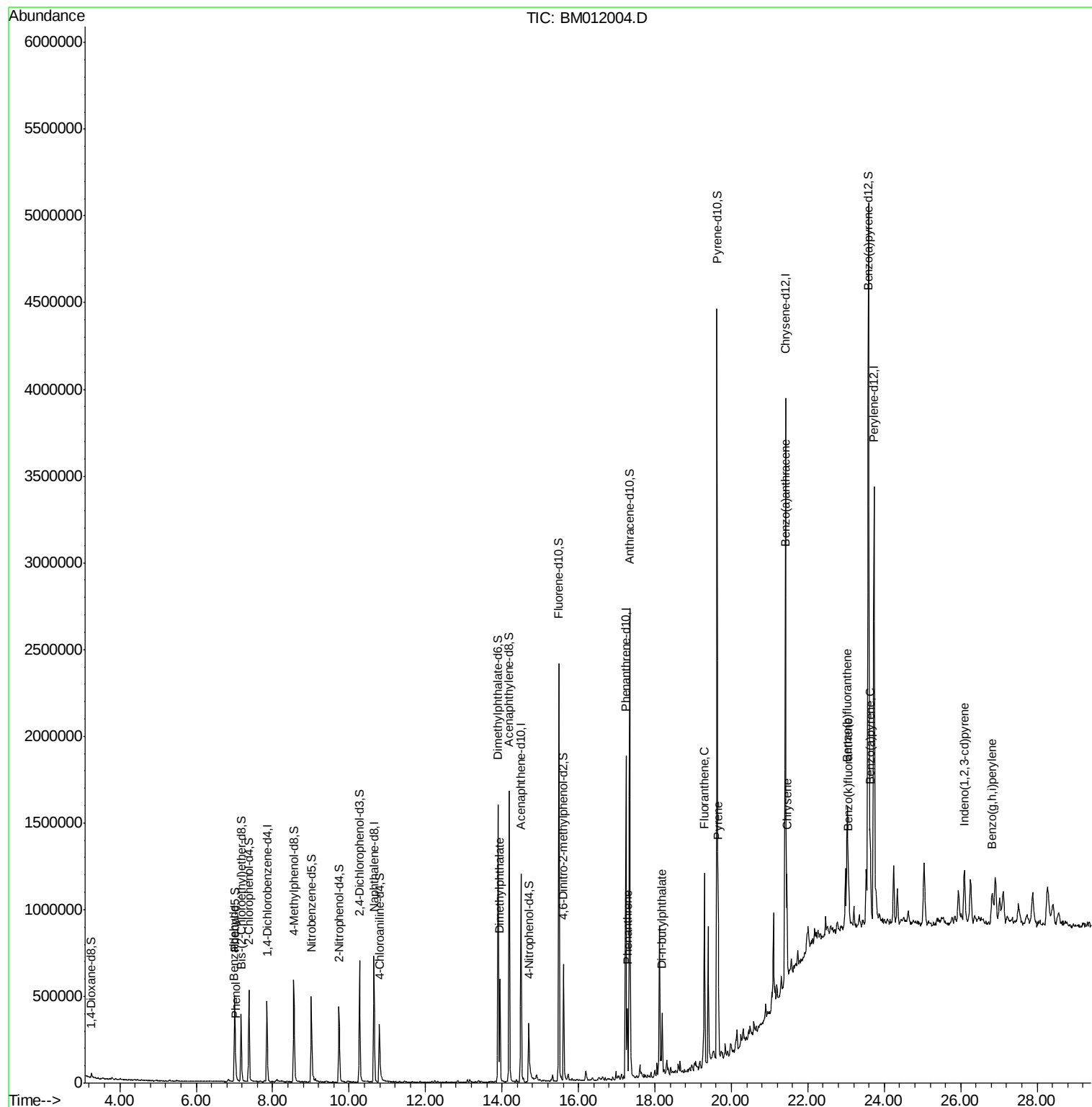
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012004.D
Acq On : 09 Oct 2017 07:40
Operator : SJ/JU
Sample : I5522-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

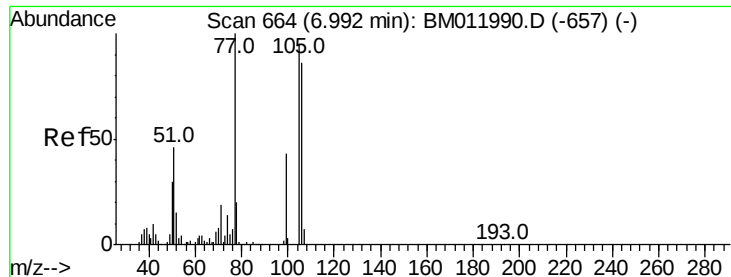
Instrument :
BNA_M
ClientSampled :
C0AC6

Manual Integrations
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Sohil
10/9/2017 6:41:43 PM

Quant Time: Oct 09 09:06:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 03:46:05 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.609 ng/ul m

RT: 6.99 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Instrument :

BNA_M

ClientSampled :

C0AC6

Tot Ion: 77 Resp: 20042

Ion Ratio Lower Upper

77 100

105 90.0 66.1 99.1

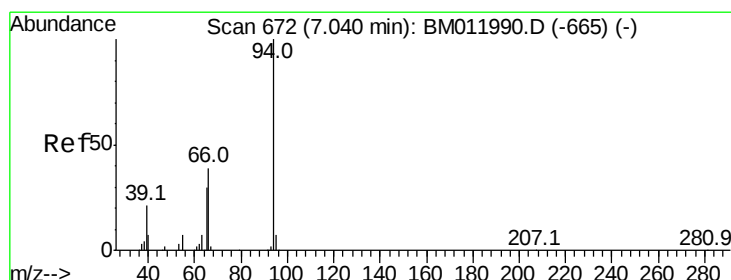
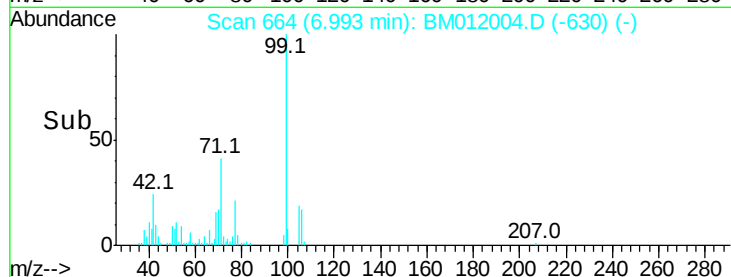
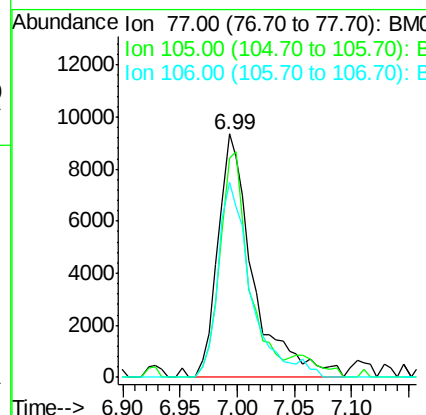
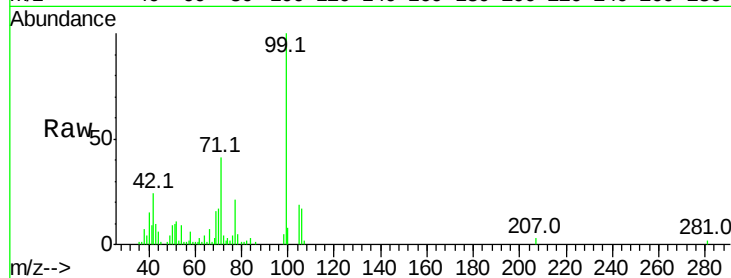
106 80.0 67.8 101.6

Manual Integrations

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#6

Phenol

Concen: 1.487 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

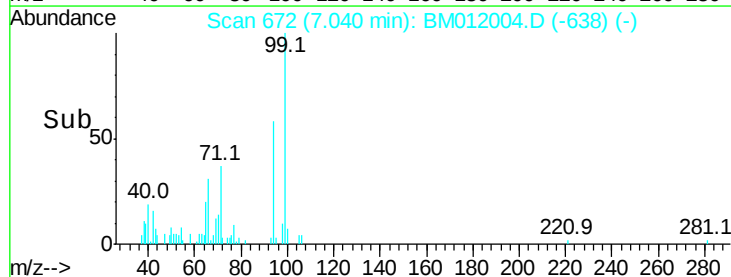
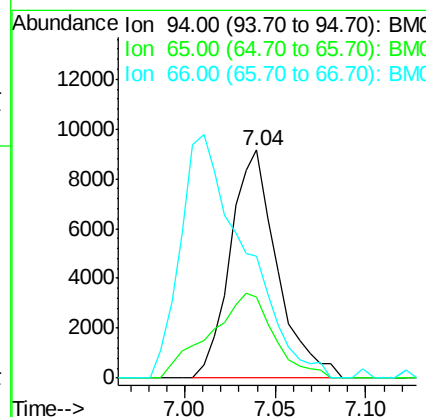
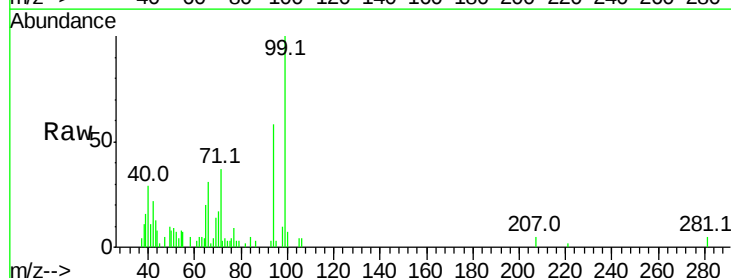
Tgt Ion: 94 Resp: 16398

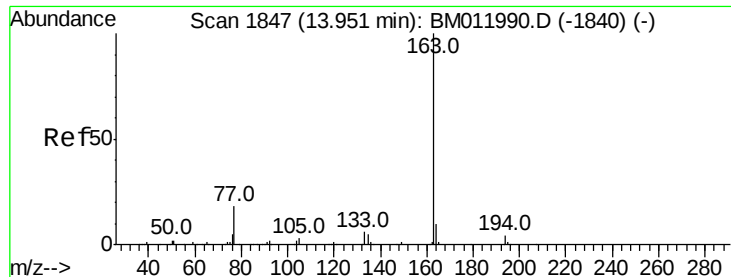
Ion Ratio Lower Upper

94 100

65 35.3 28.2 42.4

66 53.4 47.2 70.8





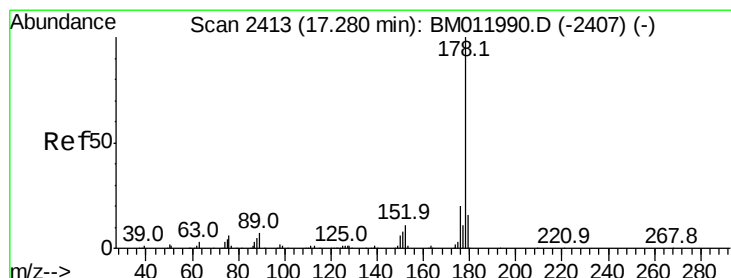
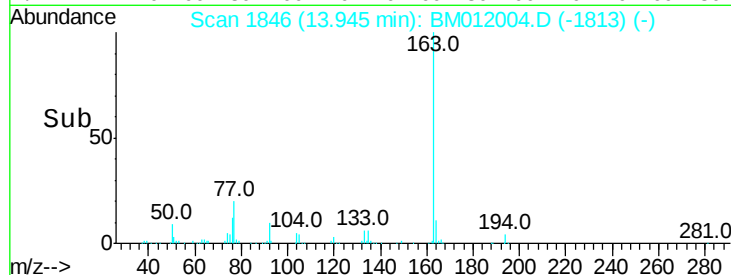
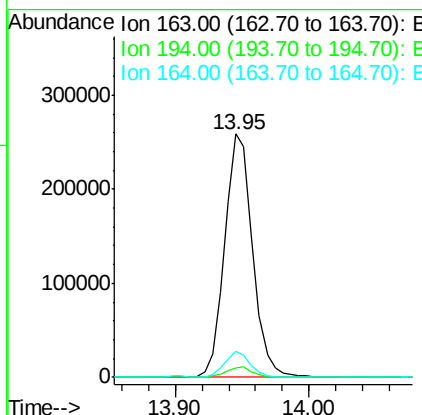
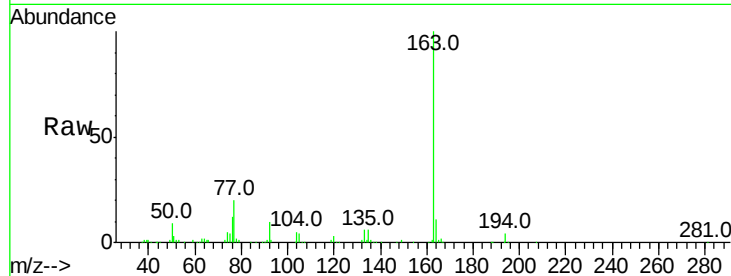
#44
Dimethylphthalate
Concen: 11.313 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM012004.D
Acq: 09 Oct 2017 07:40

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.9	8.2	12.4

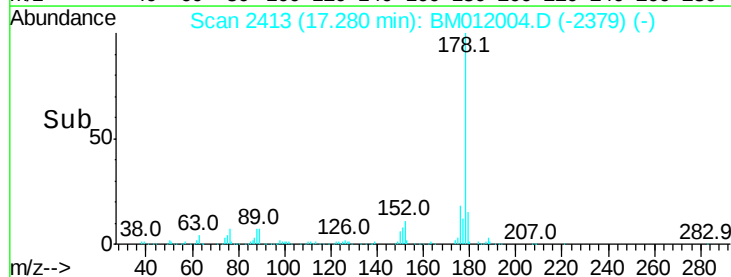
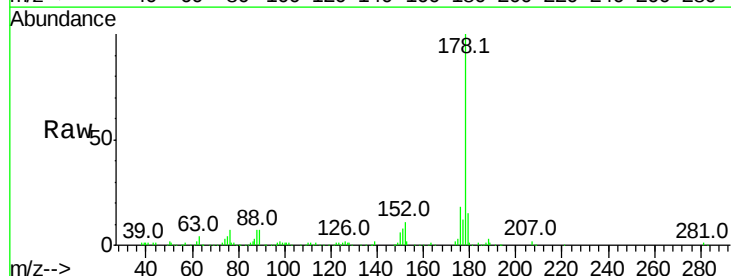
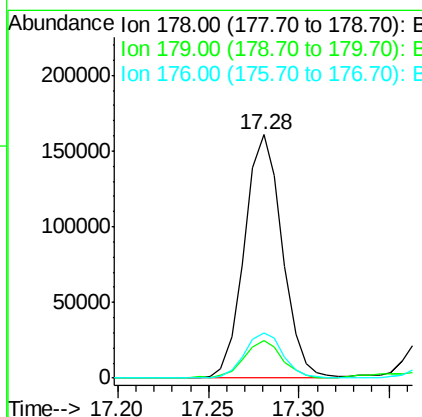
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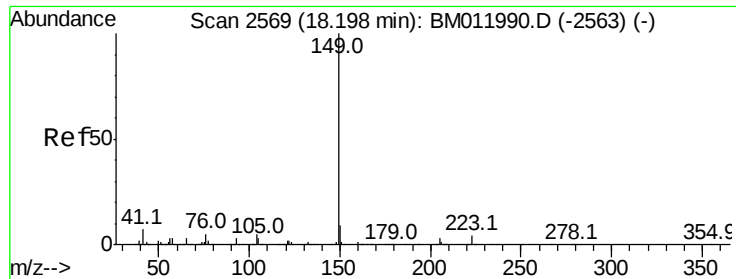
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#69
Phenanthrene
Concen: 4.012 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM012004.D
Acq: 09 Oct 2017 07:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.3	14.9	22.3





#73

Di-n-butylphthalate

Concen: 3.888 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Instrument :

BNA_M

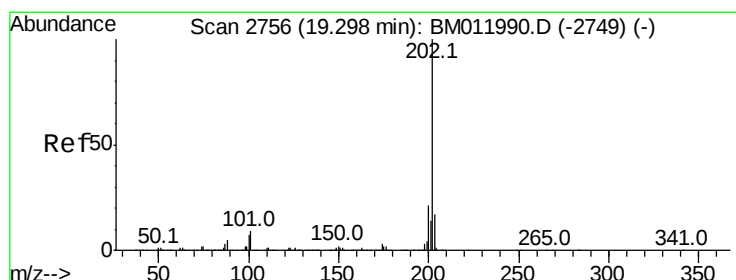
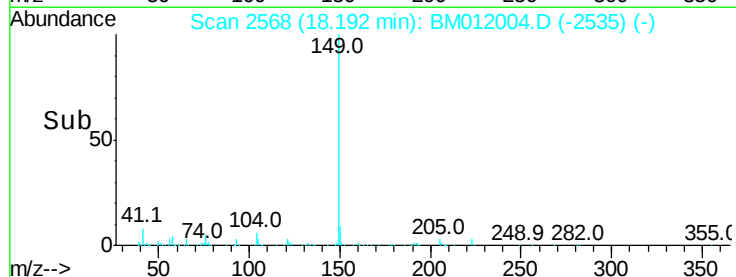
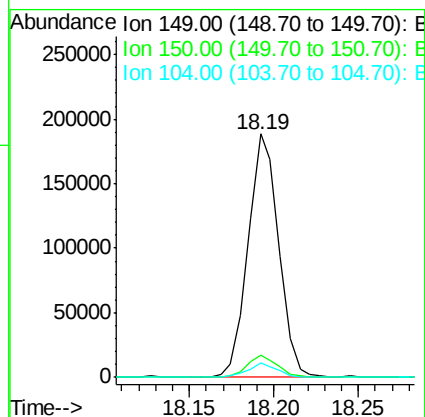
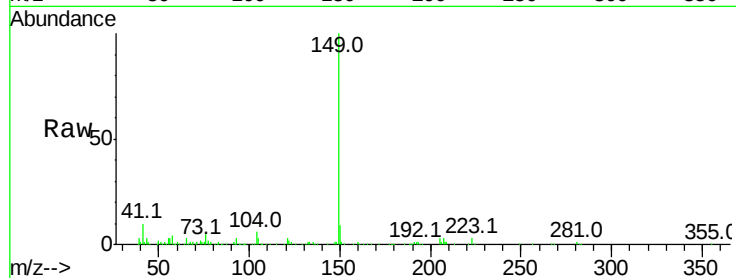
ClientSampled :

C0AC6

Tot Ion:	149	Resp:	237119
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	5.9	5.6	8.4

Manual Integrations
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#74

Fluoranthene

Concen: 8.985 ng/ul

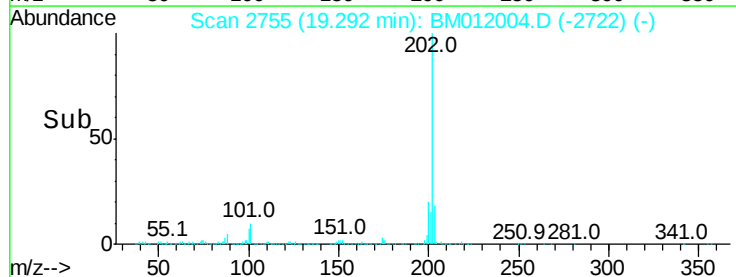
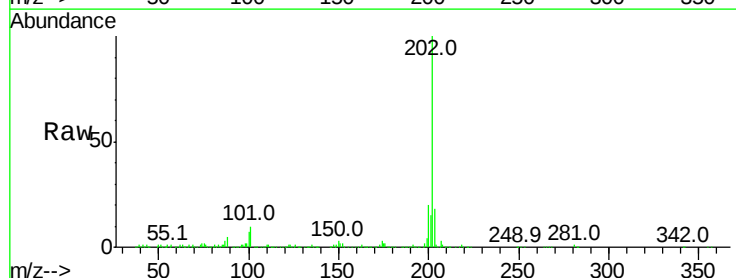
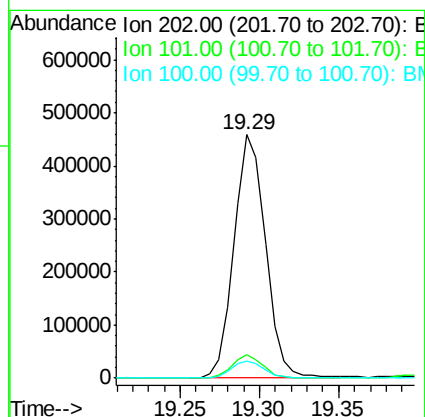
RT: 19.29 min Scan# 2755

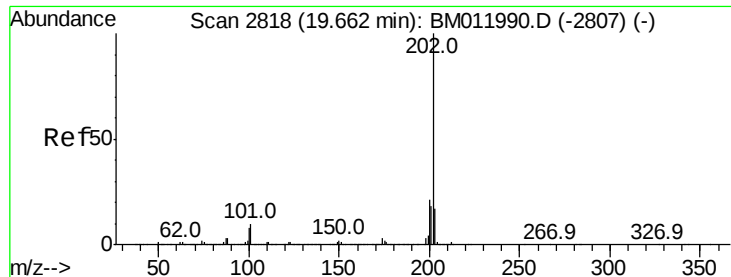
Delta R.T. -0.01 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Tgt Ion:	202	Resp:	633070
Ion Ratio	Lower	Upper	
202	100		
101	9.6	4.6	7.0#
100	7.1	3.4	5.2#





#77

Pvrene

Concen: 6.287 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Instrument :

BNA_M

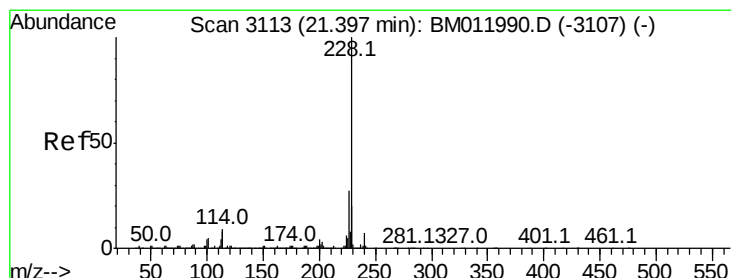
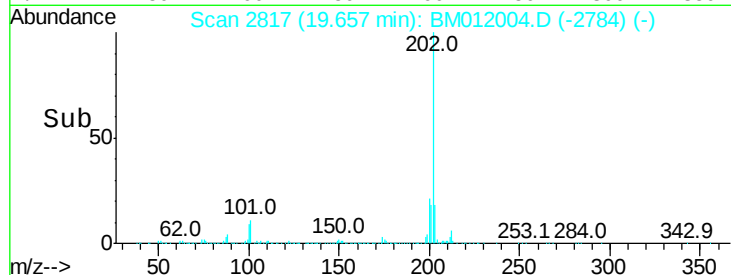
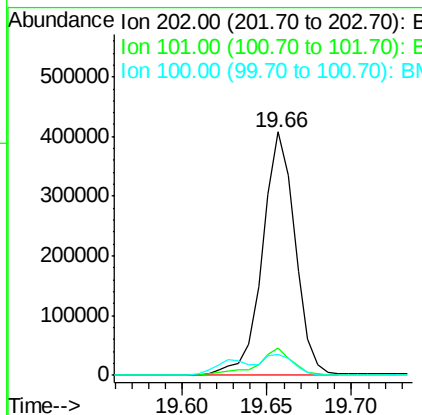
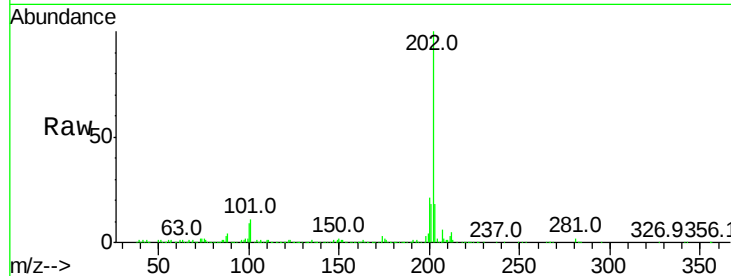
ClientSampled :

C0AC6

Tot Ion:	202	Resp:	546719
Ion Ratio	Lower	Upper	
202	100		
101	11.2	5.1	7.7#
100	8.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 3.935 ng/ul

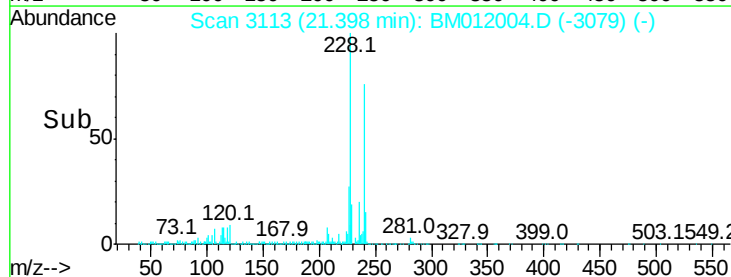
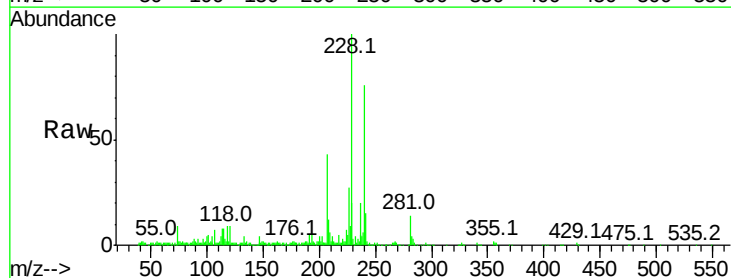
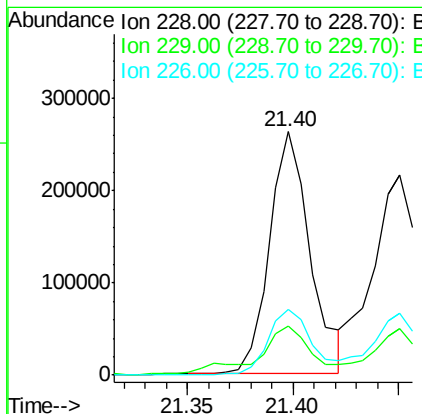
RT: 21.40 min Scan# 3113

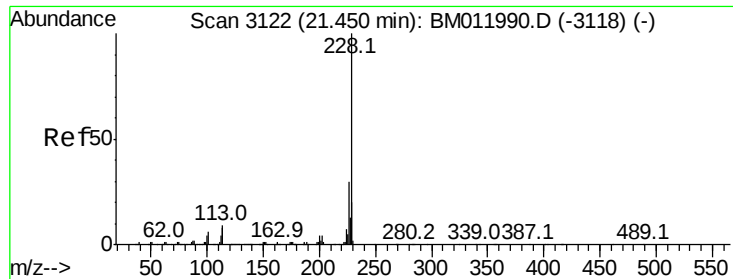
Delta R.T. 0.00 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Tgt Ion:	228	Resp:	353594
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	27.1	21.4	32.0





#82

Chrysene

Concen: 3.901 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Instrument :

BNA_M

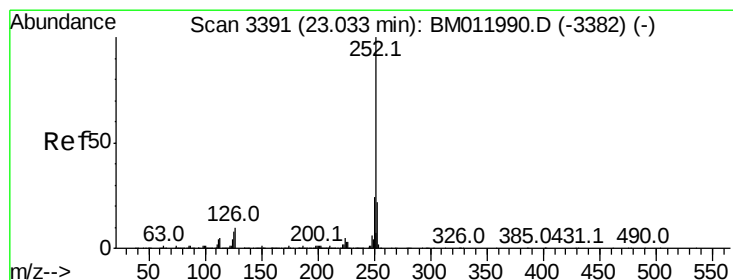
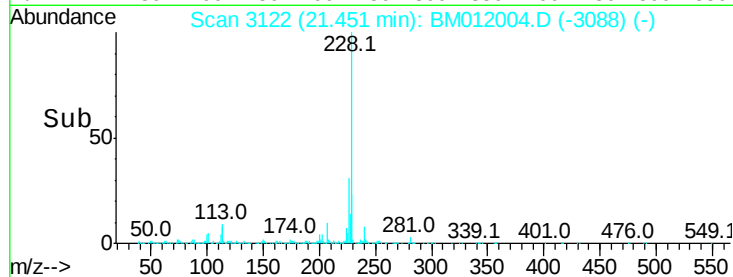
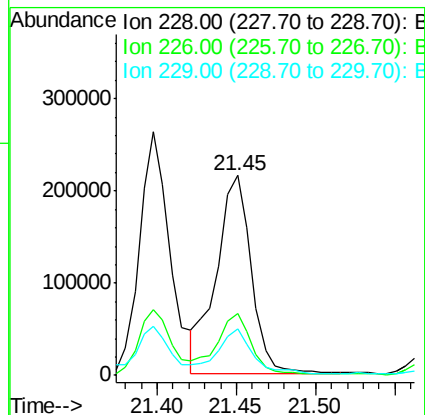
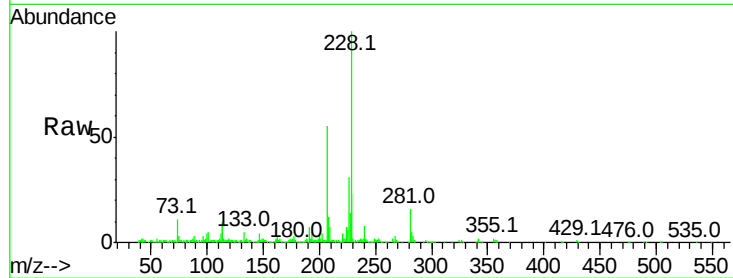
ClientSampleId :

C0AC6

Tot Ion:	228	Resp:	332998
Ion Ratio		Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.2	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 4.624 ng/ul

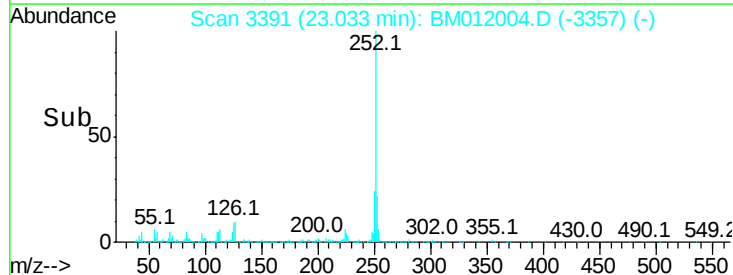
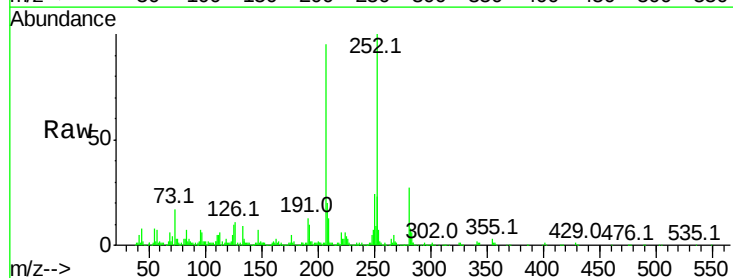
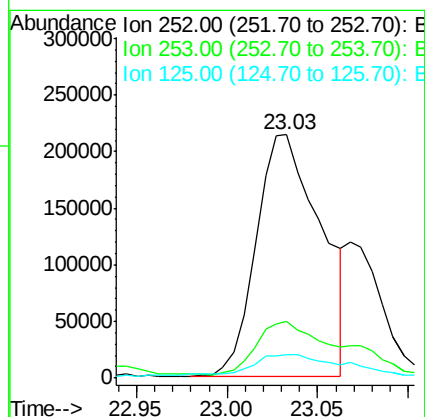
RT: 23.03 min Scan# 3391

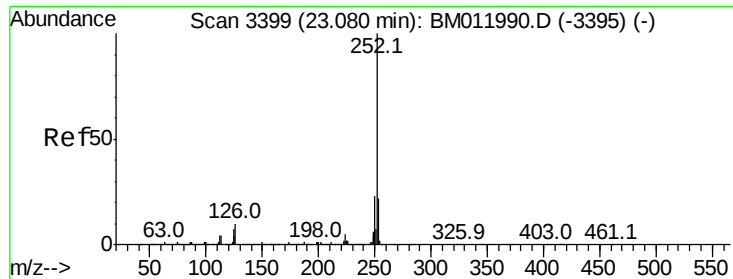
Delta R.T. 0.00 min

Lab File: BM012004.D

Acq: 09 Oct 2017 07:40

Tgt Ion:	252	Resp:	531113
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.9	3.6	5.4





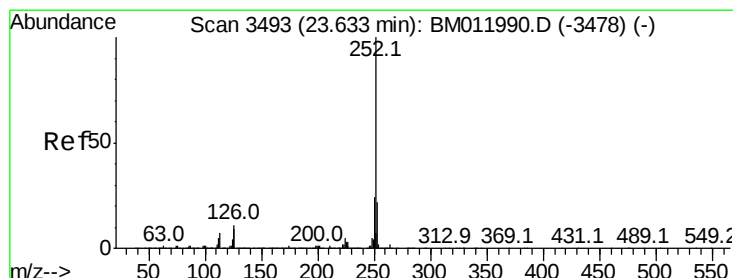
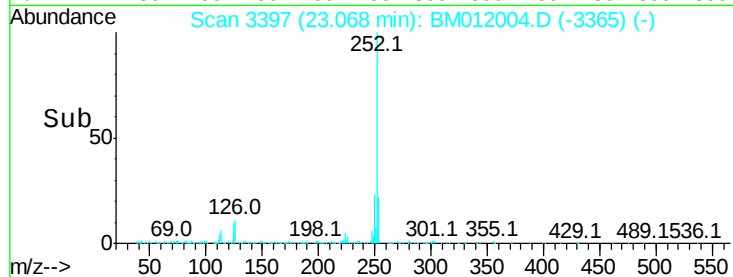
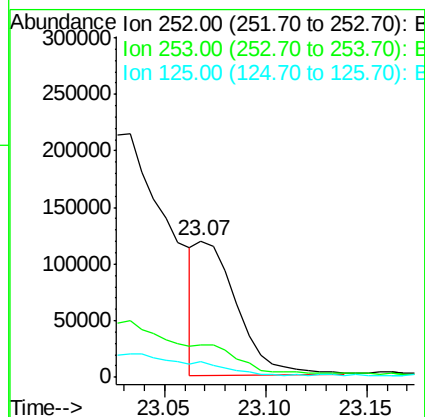
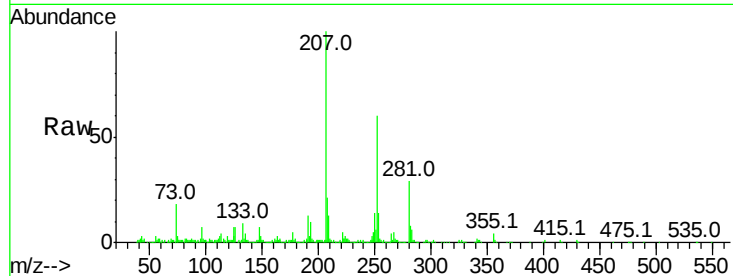
#86
Benzo(k)fluoranthene
Concen: 1.458 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM012004.D
Acq: 09 Oct 2017 07:40

Instrument :
BNA_M
ClientSampled :
C0AC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	11.8	3.4	5.2#

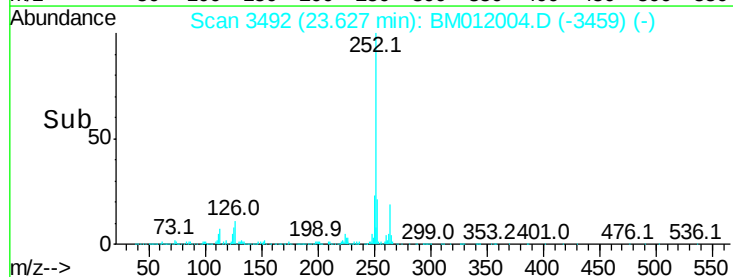
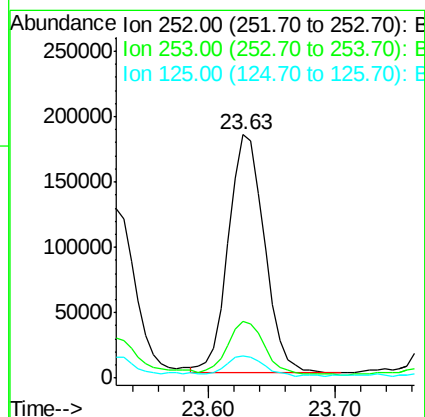
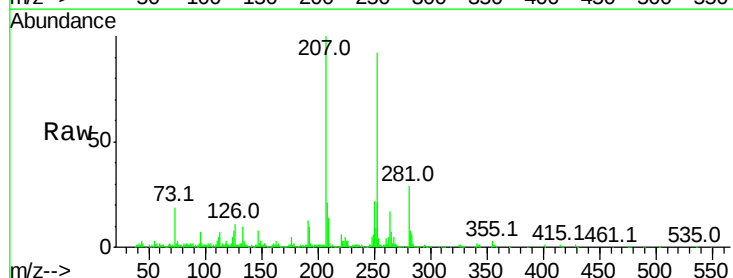
Manual Integrations
APPROVED

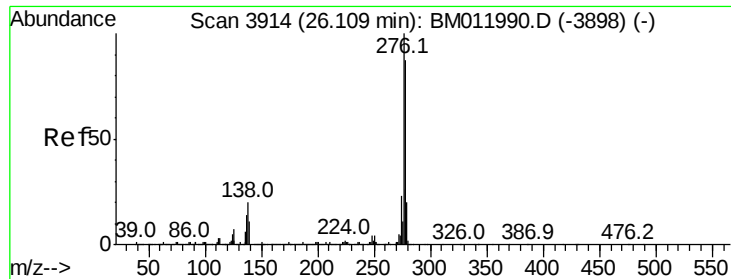
Sohil
10/9/2017 6:41:43 PM



#88
Benzo(a)pyrene
Concen: 3.243 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM012004.D
Acq: 09 Oct 2017 07:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.9	4.0	6.0#





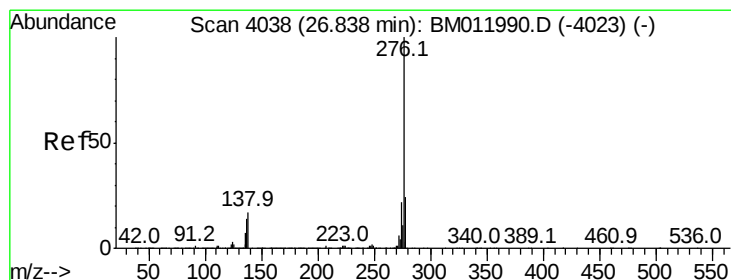
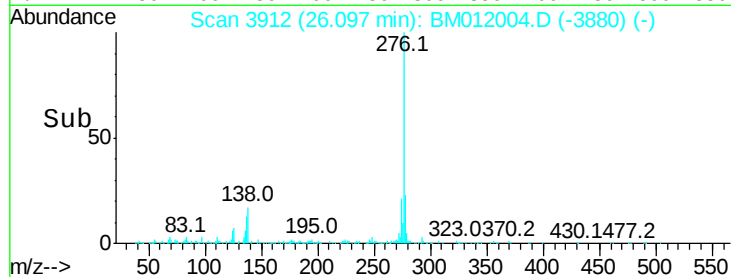
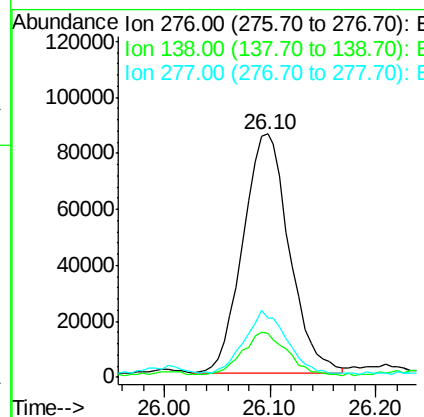
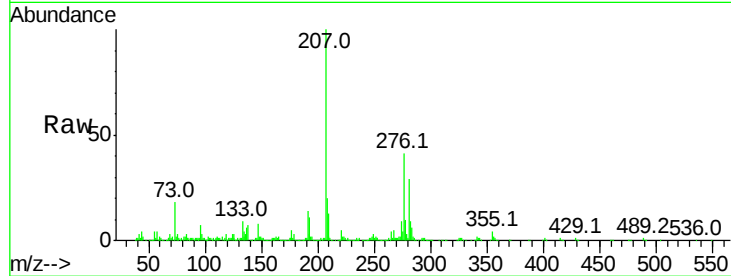
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.199 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM012004.D
 Acq: 09 Oct 2017 07:40

Instrument :
 BNA_M
 ClientSampled :
 C0AC6

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	18.1	9.3	13.9#
277	24.2	19.9	29.9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:41:43 PM



#91
 Benzo(g,h,i)perylene
 Concen: 2.183 ng/ul
 RT: 26.83 min Scan# 4037
 Delta R.T. -0.01 min
 Lab File: BM012004.D
 Acq: 09 Oct 2017 07:40

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.9	8.5	12.7#
277	21.1	18.6	28.0

