

Data File : BM012311.D
Acq On : 19 Oct 2017 10:25
Operator : SJ/JU
Sample : I5783-02 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-28(0.5-1.5)-100917

Manual Integrations
APPROVED

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10/23/2017 3:50:32 PM

Quant Time: Oct 19 16:18:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	299829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1240788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	680083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1273349	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1233542	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	1388722	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6102	0.97	ng/uL	0.00
5) Phenol-d5	6.97	99	85472	3.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	62438	4.28	ng/ul	0.01
9) 2-Chlorophenol-d4	7.32	132	80512	3.90	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	74074	3.54	ng/ul	0.02
19) Nitrobenzene-d5	8.96	128	35298	3.73	ng/ul	0.01
22) 2-Nitrophenol-d4	9.68	143	40162	3.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	71789	3.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	60950	3.08	ng/ul	0.03
43) Dimethylphthalate-d6	13.84	166	272635	4.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	313422	4.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	11489m	1.27	ng/ul	0.08
57) Fluorene-d10	15.43	176	215440	4.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	249	0.03	ng/ul	0.04
70) Anthracene-d10	17.29	188	289086	4.59	ng/ul	0.00
76) Pyrene-d10	19.59	212	268410	4.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	292004	4.36	ng/ul	0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	13.89	163	148297	2.463	ng/ul	98
69) Phenanthrene	17.23	178	1152437	15.909	ng/ul	99
71) Anthracene	17.32	178	307005	4.094	ng/ul	98
74) Fluoranthene	19.25	202	2407764	27.543	ng/ul#	95
77) Pyrene	19.62	202	2555621	31.371	ng/ul#	95
80) Benzo(a)anthracene	21.36	228	1871194	23.313	ng/ul	98
82) Chrysene	21.41	228	1832955	24.323	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	2898513	31.983	ng/ul#	96
86) Benzo(k)fluoranthene	23.02	252	677028m	7.752	ng/ul	
88) Benzo(a)pyrene	23.57	252	1909196	22.352	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.03	276	1381613	15.232	ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	372840	4.890	ng/ul#	86
91) Benzo(g,h,i)perylene	26.76	276	1150225	15.483	ng/ul#	92

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

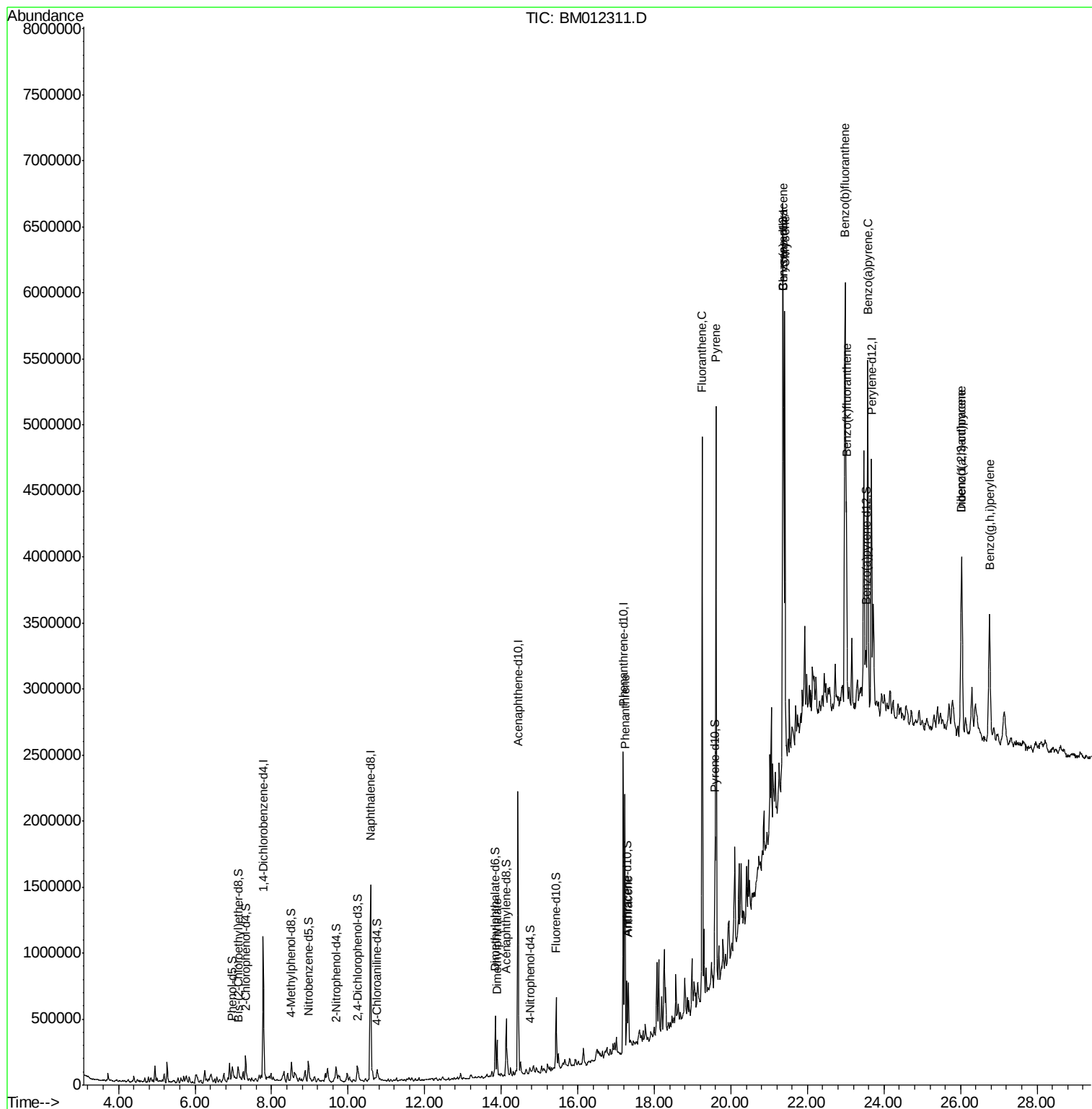
Data File : BM012311.D
Acq On : 19 Oct 2017 10:25
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Sample : I5783-02 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

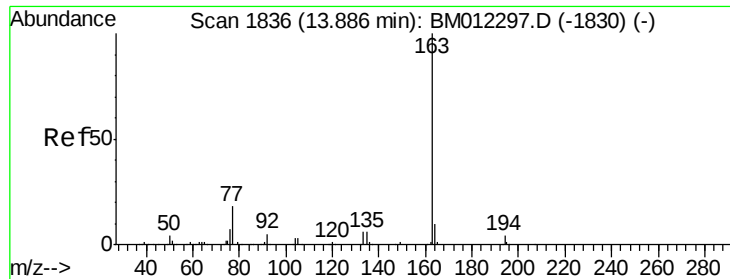
Instrument :
BNA_M
ClientSampleId :
B-28(0.5-1.5)-100917

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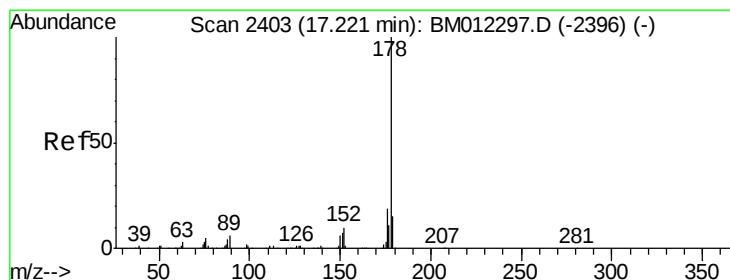
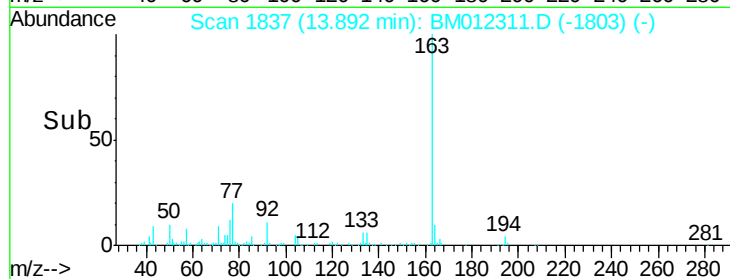
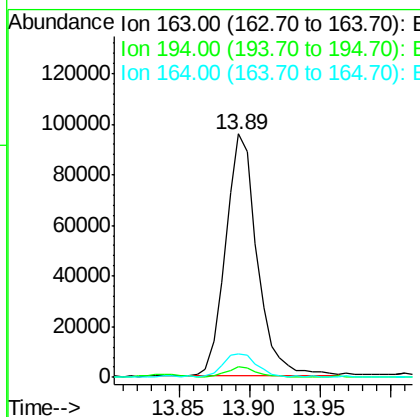
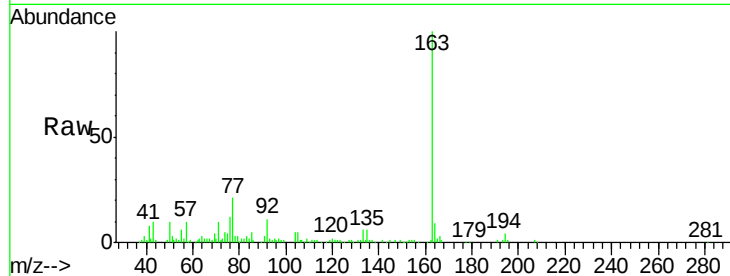
#44
Dimethylphthalate
Concen: 2.463 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM012311.D
Acq: 19 Oct 2017 10:25

Instrument :
BNA_M
ClientSampleId :
B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	148297		
194	4.2	3.7	5.5	
164	9.4	8.1	12.1	

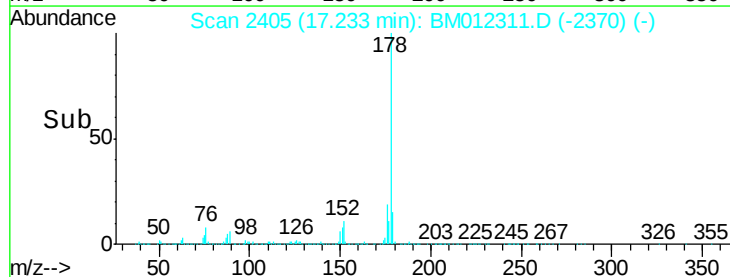
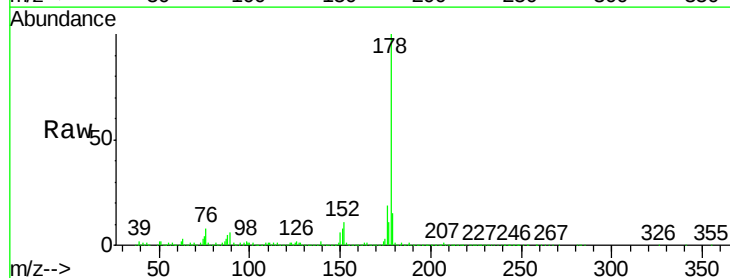
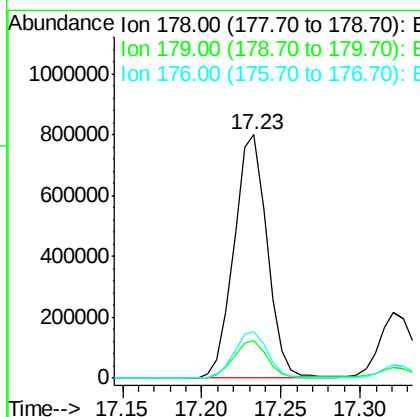
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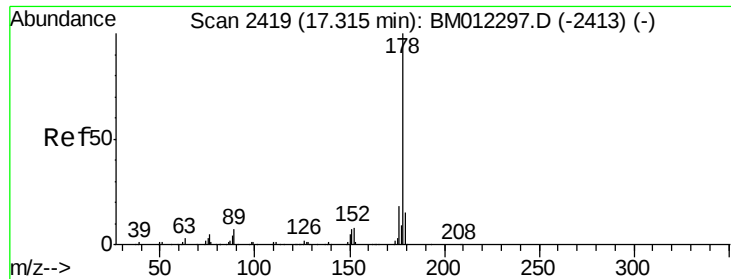
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#69
Phenanthrene
Concen: 15.909 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012311.D
Acq: 19 Oct 2017 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1152437		
179	15.2	12.0	18.0	
176	19.0	15.0	22.6	





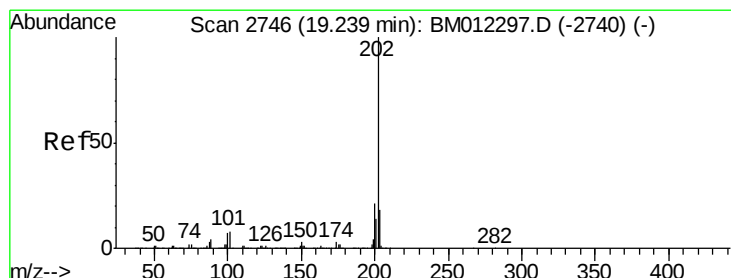
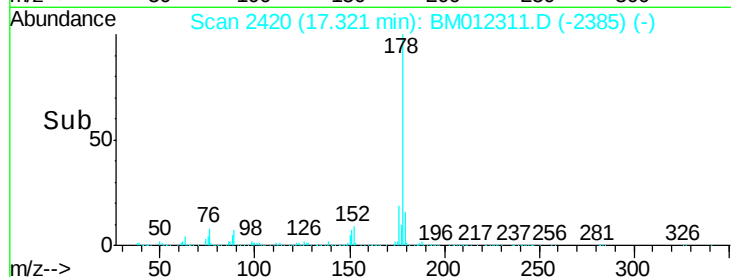
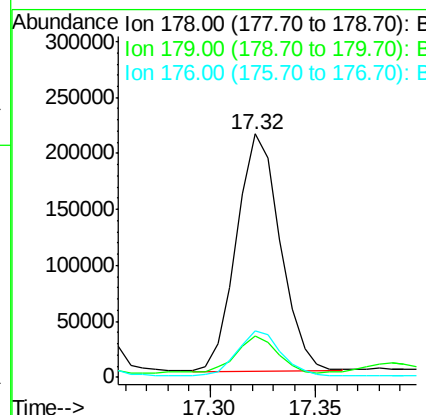
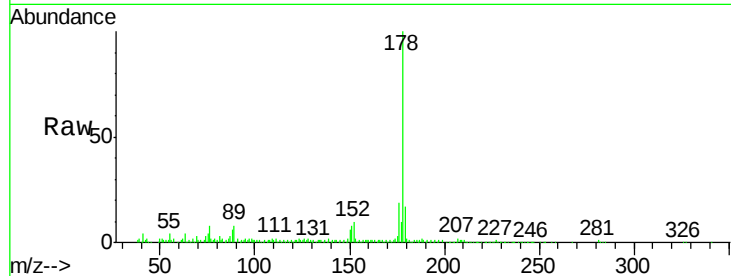
#71
 Anthracene
 Concen: 4.094 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.01 min
 Lab File: BM012311.D
 Acq: 19 Oct 2017 10:25

Instrument :
 BNA_M
 ClientSampleId :
 B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	307005		
179	16.8	12.2	18.4	
176	19.1	14.7	22.1	

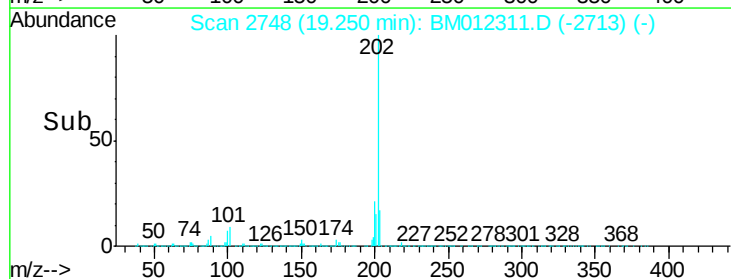
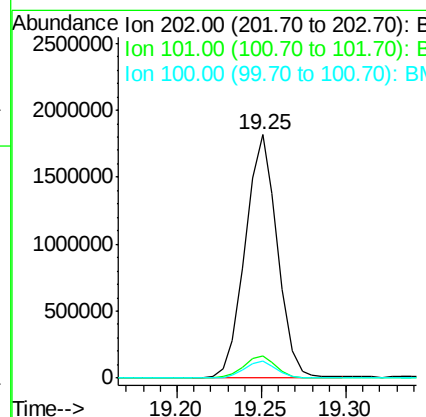
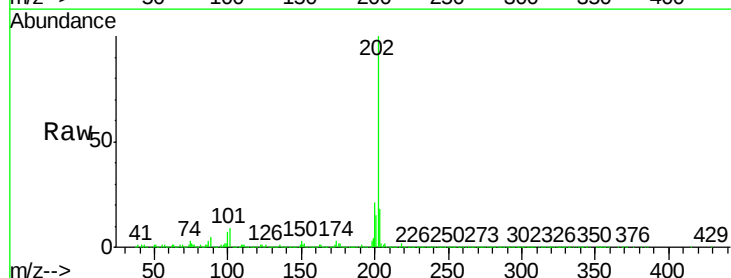
Manual Integrations
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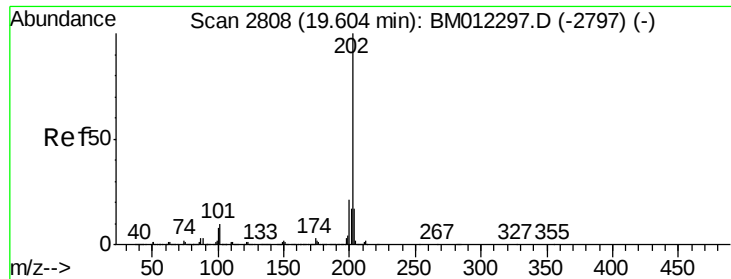
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#74
 Fluoranthene
 Concen: 27.543 ng/ul
 RT: 19.25 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BM012311.D
 Acq: 19 Oct 2017 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2407764		
101	9.0	5.8	8.6#	
100	6.9	4.3	6.5#	





#77

Pyrene

Concen: 31.371 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012311.D

Acq: 19 Oct 2017 10:25

Instrument :

BNA_M

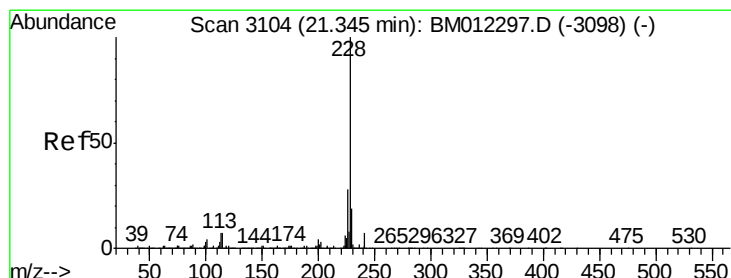
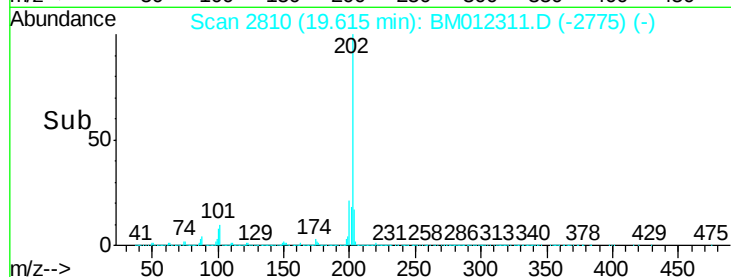
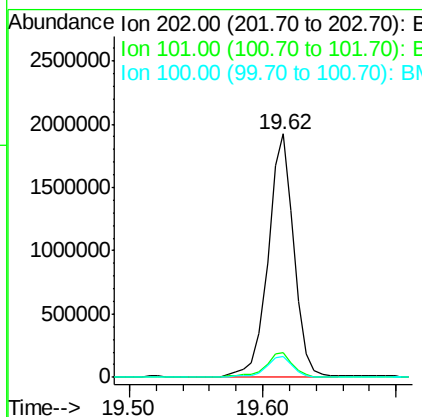
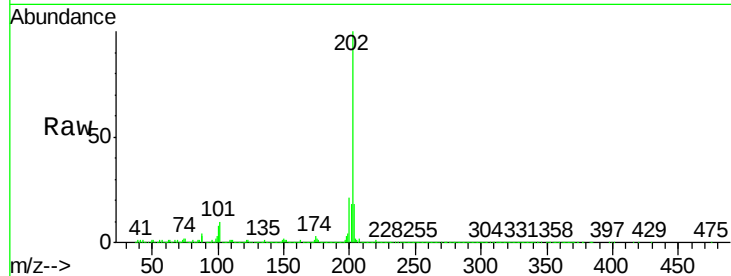
ClientSampleId :

B-28(0.5-1.5)-100917

Tgt Ion:	202	Resp:	2555621
Ion Ratio	Lower	Upper	
202	100		
101	10.1	6.5	9.7#
100	8.3	5.6	8.4

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#80

Benzo(a)anthracene

Concen: 23.313 ng/ul

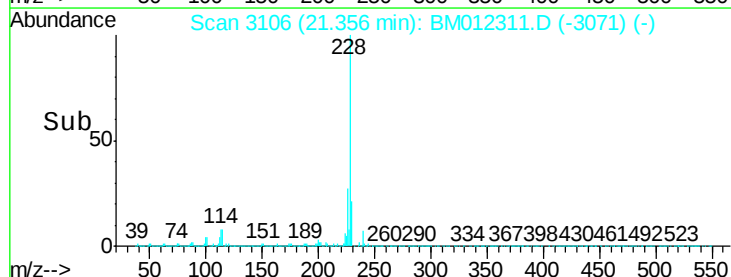
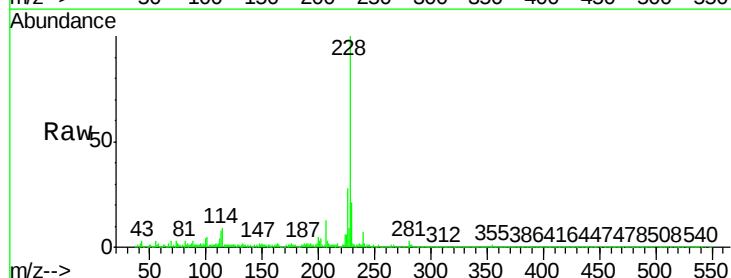
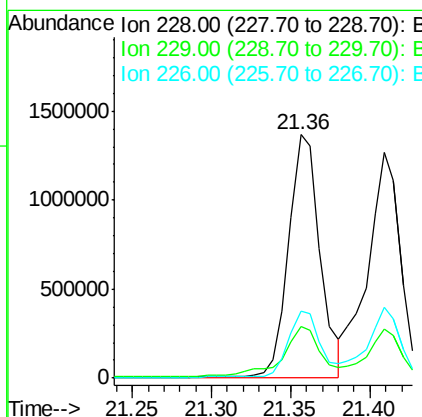
RT: 21.36 min Scan# 3106

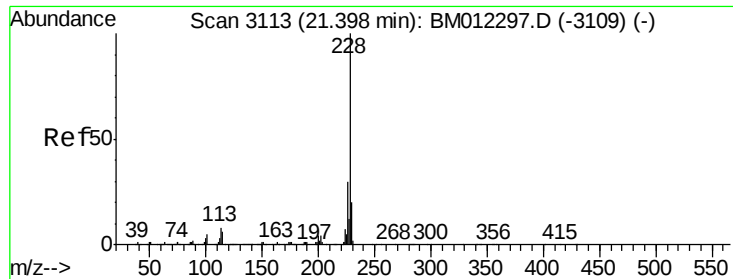
Delta R.T. 0.01 min

Lab File: BM012311.D

Acq: 19 Oct 2017 10:25

Tgt Ion:	228	Resp:	1871194
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.8	23.8
226	27.8	21.4	32.2





#82

Chrysene

Concen: 24.323 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012311.D

Acq: 19 Oct 2017 10:25

Instrument :

BNA_M

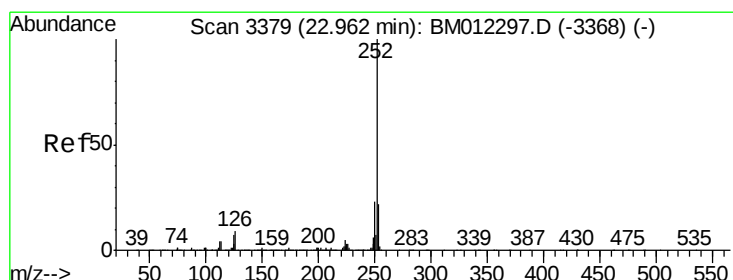
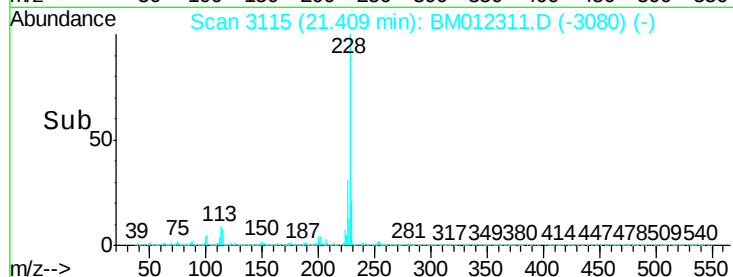
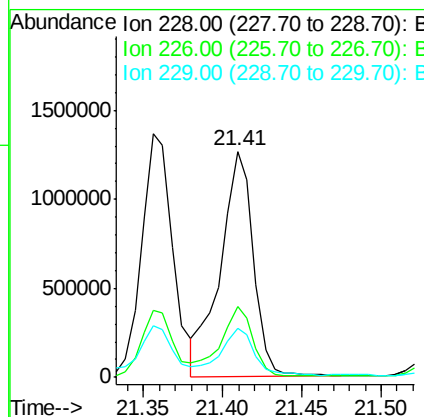
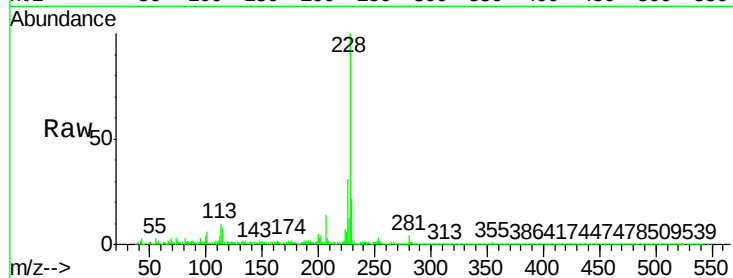
ClientSampleId :

B-28(0.5-1.5)-100917

Tgt Ion:	228	Resp:	1832955
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	21.6	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 31.983 ng/ul

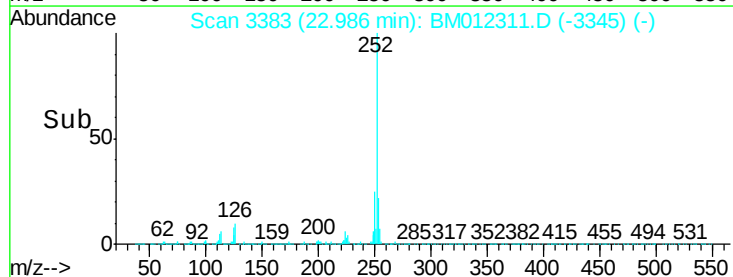
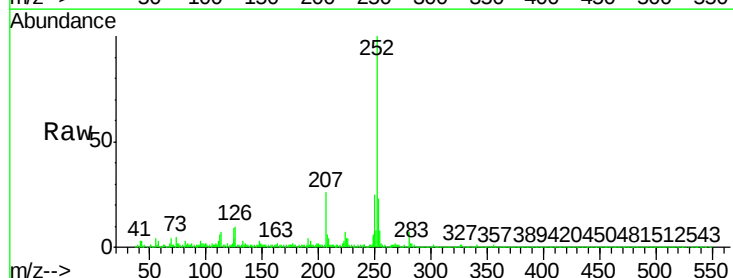
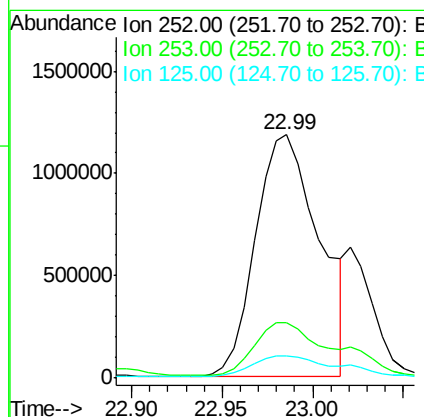
RT: 22.99 min Scan# 3383

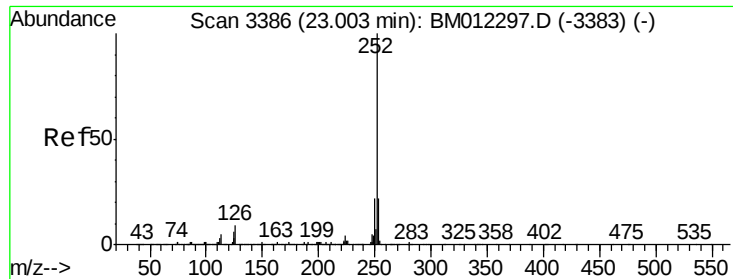
Delta R.T. 0.02 min

Lab File: BM012311.D

Acq: 19 Oct 2017 10:25

Tgt Ion:	252	Resp:	2898513
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	9.2	5.1	7.7#





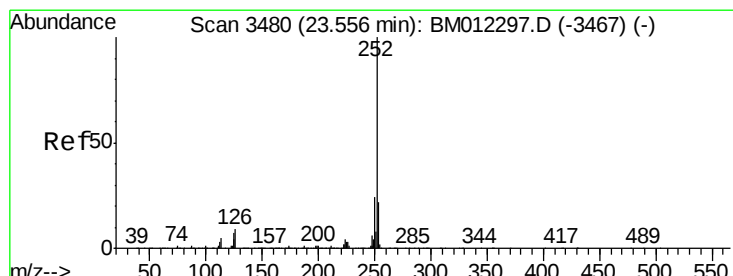
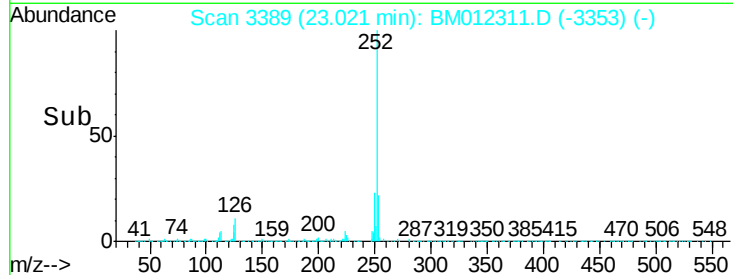
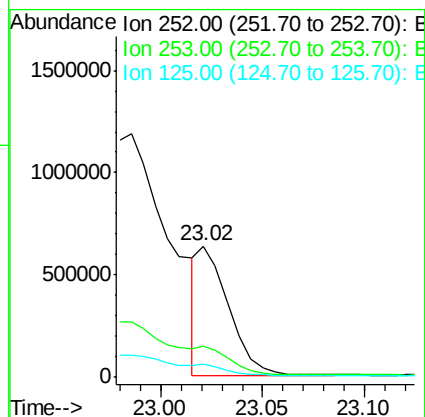
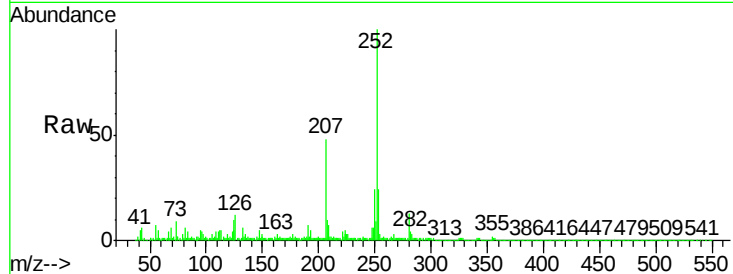
#86
Benzo(k)fluoranthene
Concen: 7.752 ng/ul m
RT: 23.02 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM012311.D
Acq: 19 Oct 2017 10:25

Instrument :
BNA_M
ClientSampleId :
B-28(0.5-1.5)-100917

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	9.7	4.9	7.3#

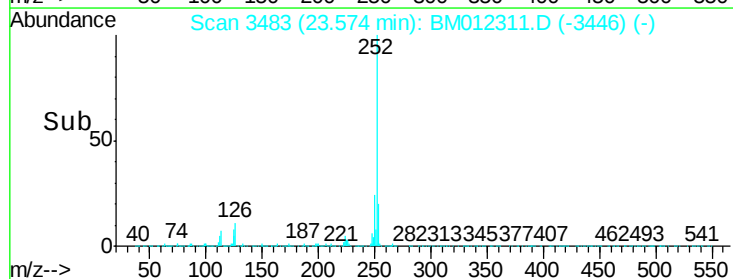
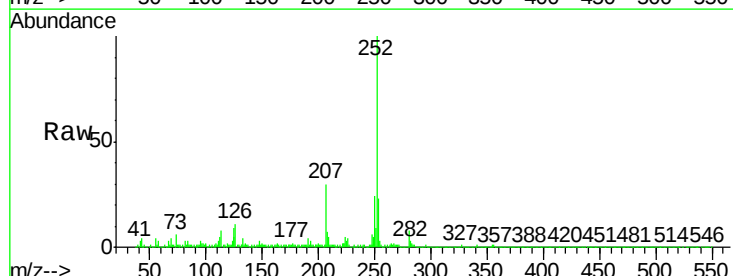
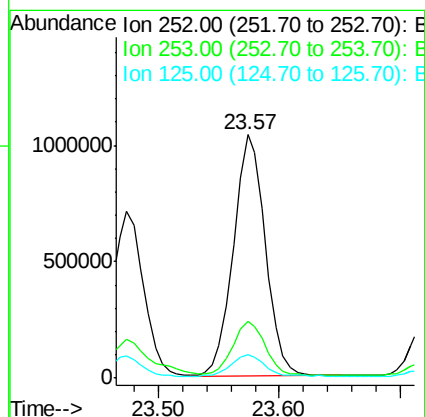
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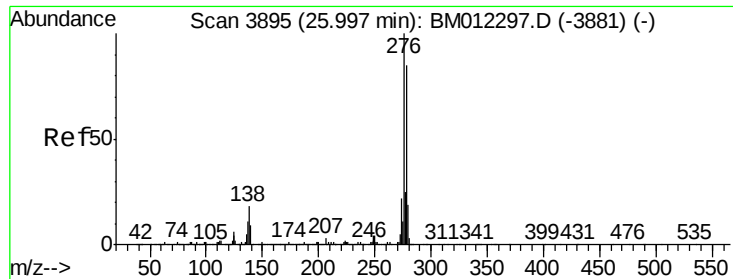
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#88
Benzo(a)pyrene
Concen: 22.352 ng/ul
RT: 23.57 min Scan# 3483
Delta R.T. 0.02 min
Lab File: BM012311.D
Acq: 19 Oct 2017 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	9.4	5.2	7.8#





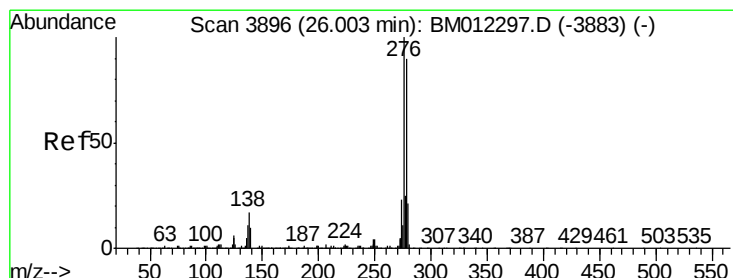
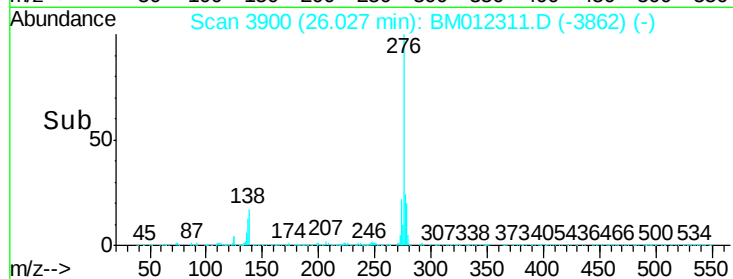
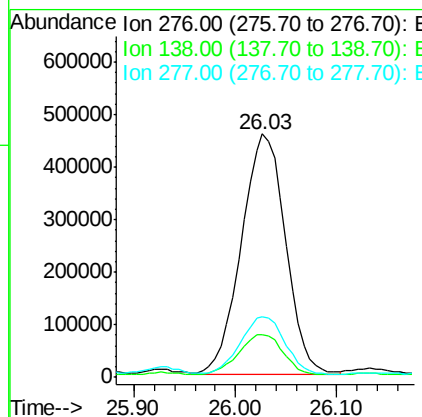
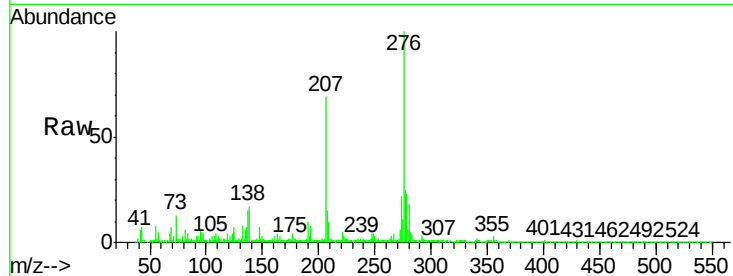
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 Indeno(1,2,3-cd)pyrene
 Concen: 15.232 ng/ul
 RT: 26.03 min Scan# 3900
 Delta R.T. 0.02 min
 Lab File: BM012311.D
 Acq: 19 Oct 2017 10:25

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.2	19.8
277	24.9	20.6	31.0

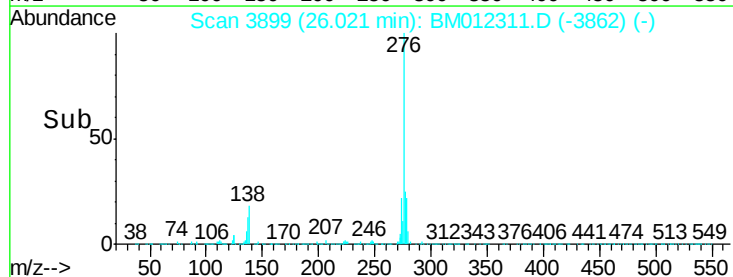
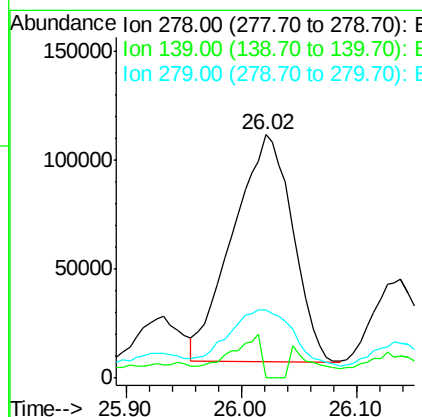
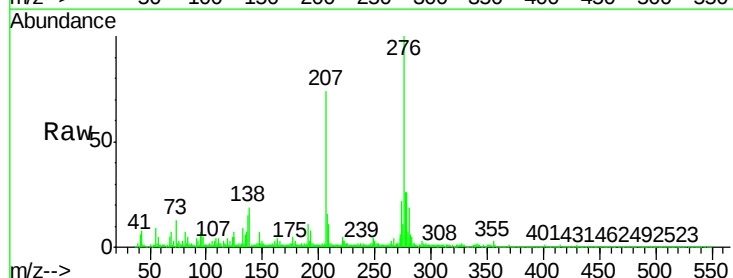
Manual Integrations
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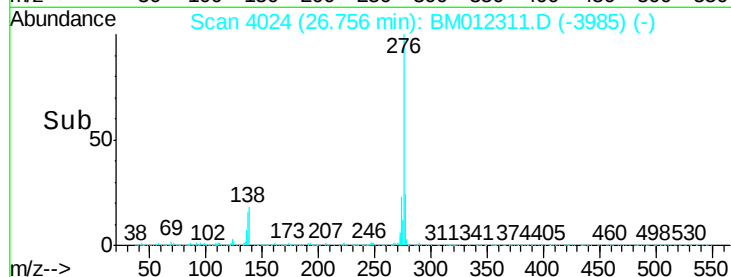
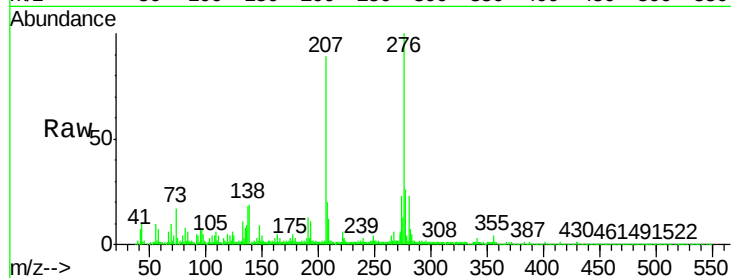
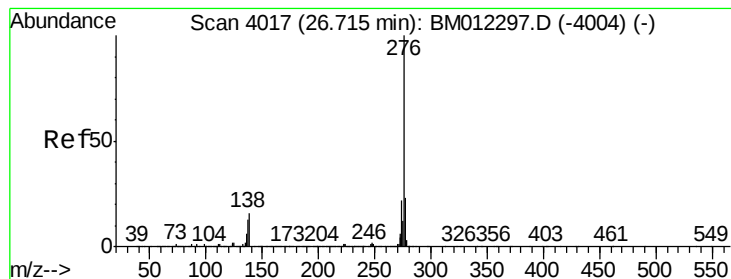
Sohil
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#90
 Dibenzo(a,h)anthracene
 Concen: 4.890 ng/ul
 RT: 26.02 min Scan# 3899
 Delta R.T. 0.02 min
 Lab File: BM012311.D
 Acq: 19 Oct 2017 10:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.3	12.5#
279	28.0	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 15.483 ng/ul

RT: 26.76 min Scan# 4024

Delta R.T. 0.03 min

Lab File: BM012311.D

Acq: 19 Oct 2017 10:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	10.7	16.1#
277	25.7	19.0	28.4

Instrument :

BNA_M

ClientSampleId :

B-28(0.5-1.5)-100917

Manual Integrations
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