

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012507.D
 Acq On : 28 Oct 2017 04:17
 Operator : SJ/JU
 Sample : I5786-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-7(0.5-1.5)_101017

Manual Integrations
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Sohil
 10/30/2017 6:30:23 PM

Quant Time: Oct 28 05:38:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 05:27:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	704512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2676676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1486844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3134086	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3048830	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3331733	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	61598	4.47	ng/uL	0.00
5) Phenol-d5	7.04	99	1337524	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	832549	23.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	1065920	24.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	990562	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	511832	30.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	586537	33.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	1133728	24.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	572493	11.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	3270473	25.18	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3996883	26.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	452647	23.44	ng/ul	0.00
57) Fluorene-d10	15.49	176	2766428	25.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	453362	29.89	ng/ul	0.00
70) Anthracene-d10	17.34	188	3963007	26.53	ng/ul	0.00
76) Pyrene-d10	19.63	212	4152848	29.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4264001	26.94	ng/ul	0.00
Target Compounds						
6) Phenol	7.06	94	265569	4.334	ng/ul#	85
14) Acetophenone	8.67	105	111934	1.416	ng/ul#	34
21) Isophorone	9.59	82	225131	2.203	ng/ul#	78
44) Dimethylphthalate	13.95	163	298769	2.325	ng/ul	99
69) Phenanthrene	17.28	178	284604	1.679	ng/ul	98
73) Di-n-butylphthalate	18.20	149	15178519m	82.026	ng/ul	
74) Fluoranthene	19.29	202	544030	2.833	ng/ul#	80
77) Pyrene	19.66	202	554698	3.199	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	338754	1.855	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.33	149	4347642	41.834	ng/ul	99
82) Chrysene	21.45	228	425031	2.618	ng/ul#	89
88) Benzo(a)pyrene	23.62	252	374464	1.907	ng/ul#	70
89) Indeno(1,2,3-cd)pyrene	26.06	276	337442	1.460	ng/ul#	88
91) Benzo(g,h,i)perylene	26.78	276	319796	1.707	ng/ul#	85

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

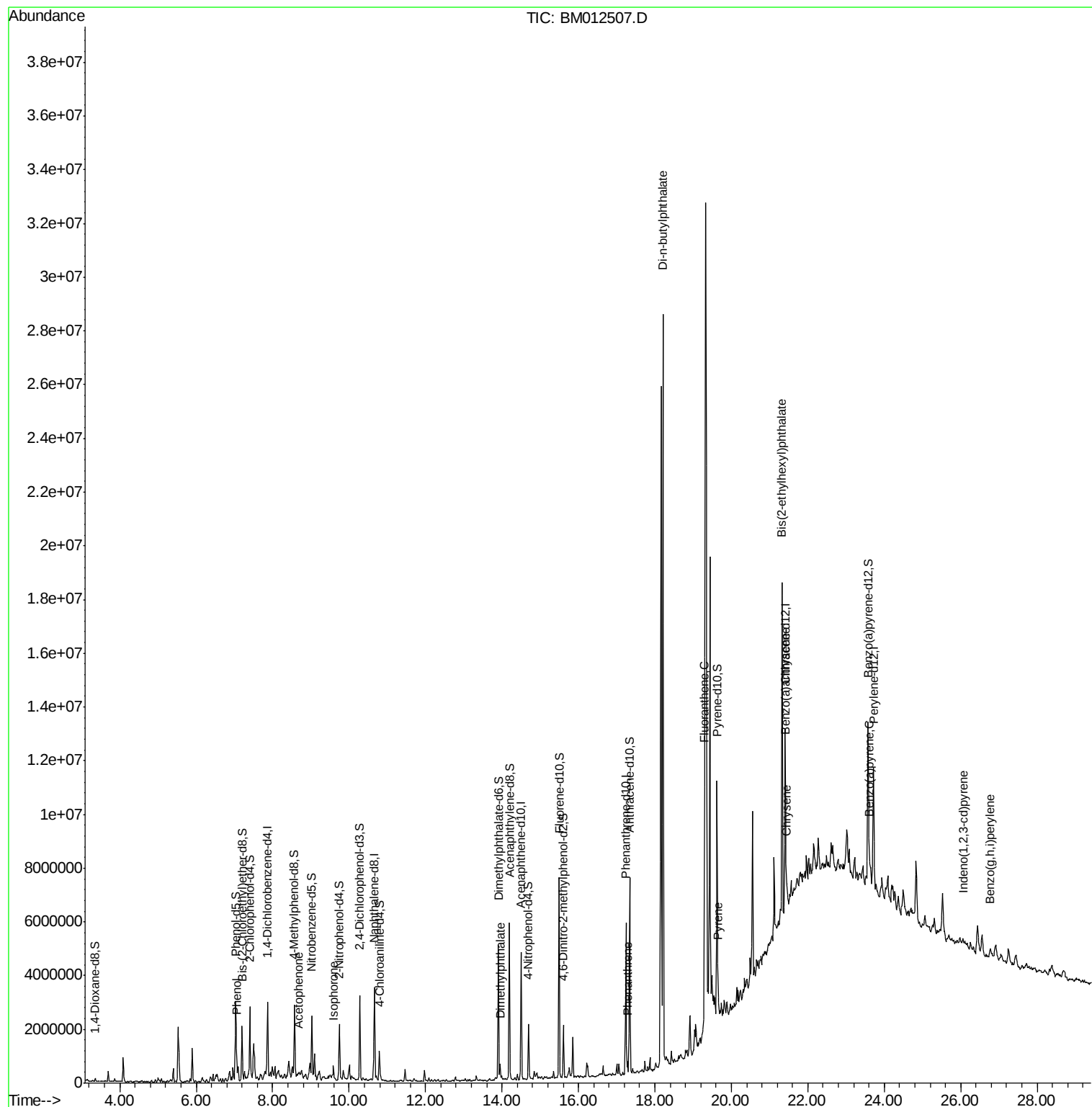
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012507.D
Acq On : 28 Oct 2017 04:17
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ALS Vial : 31 Sample Multiplier: 1

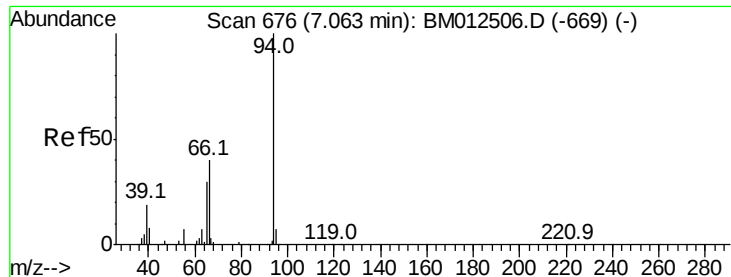
Instrument :
BNA_M
ClientSampleId :
B-7(0.5-1.5)_101017

Manual Integrations
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Quant Time: Oct 28 05:38:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 05:27:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.334 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

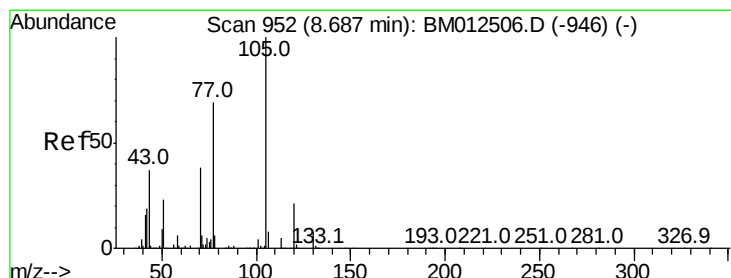
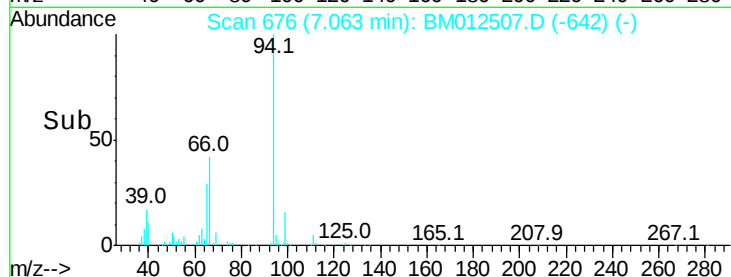
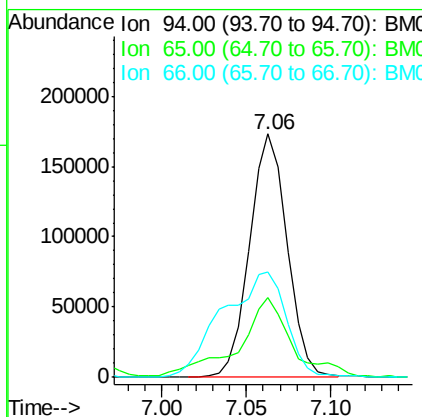
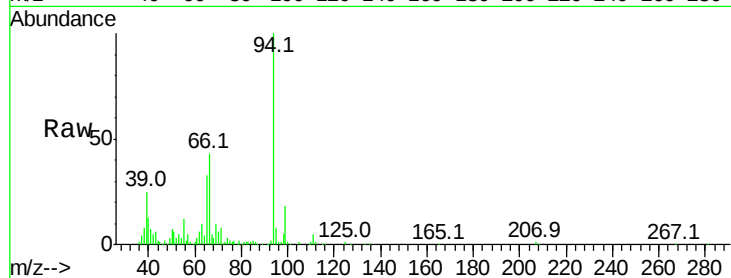
ClientSampleId :

B-7(0.5-1.5)_101017

Tot Ion:	94	Resp:	265569
Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	43.2	47.2	70.8#

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#14

Acetophenone

Concen: 1.416 ng/ul

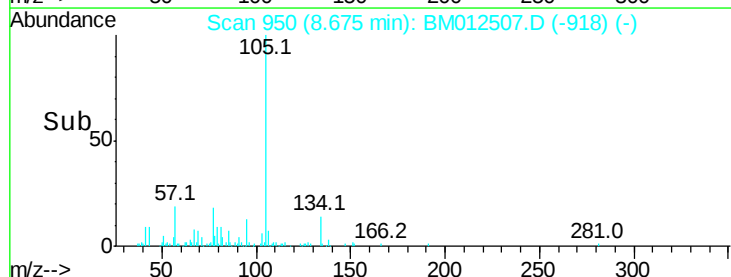
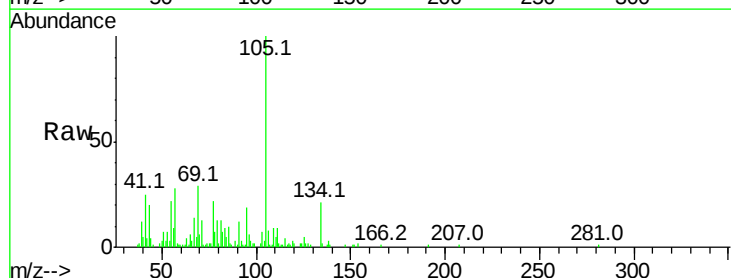
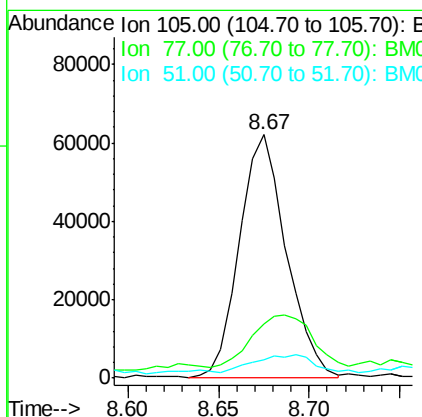
RT: 8.67 min Scan# 950

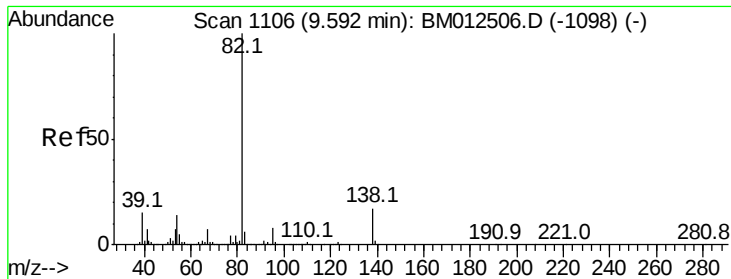
Delta R.T. -0.01 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Tgt Ion:	105	Resp:	111934
Ion	Ratio	Lower	Upper
105	100		
77	22.2	74.2	111.4#
51	7.4	23.4	35.2#





#21

Isophorone

Concen: 2.203 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

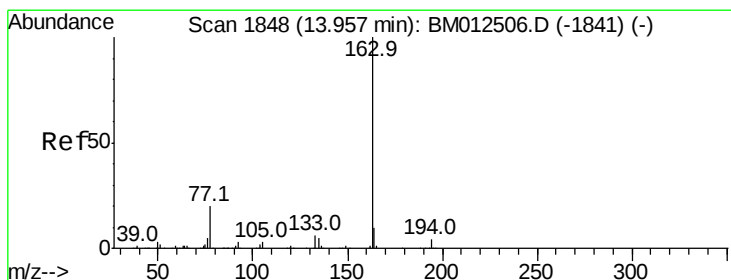
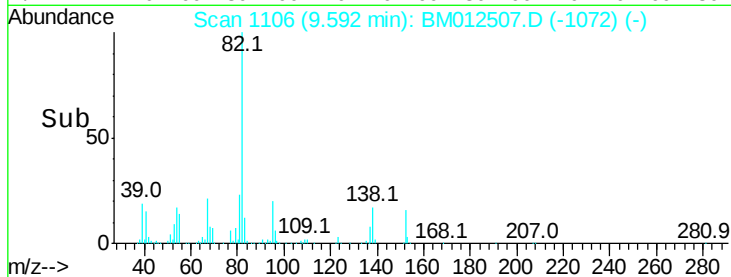
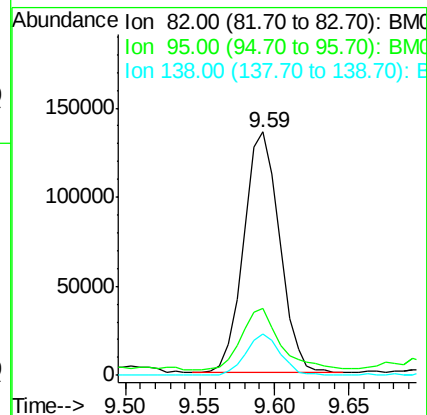
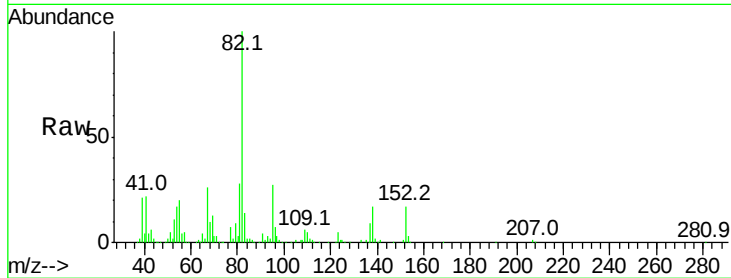
ClientSampleId :

B-7(0.5-1.5)_101017

Tot Ion:	82	Resp:	225131
Ion Ratio	Lower	Upper	
82	100		
95	27.3	7.8	11.8#
138	17.0	11.9	17.9

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#44

Dimethylphthalate

Concen: 2.325 ng/ul

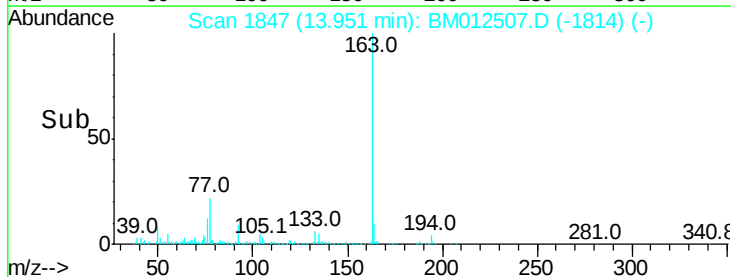
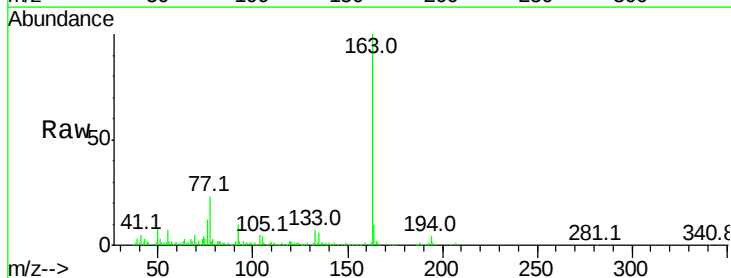
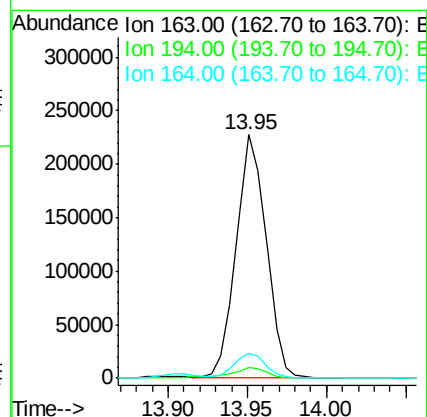
RT: 13.95 min Scan# 1847

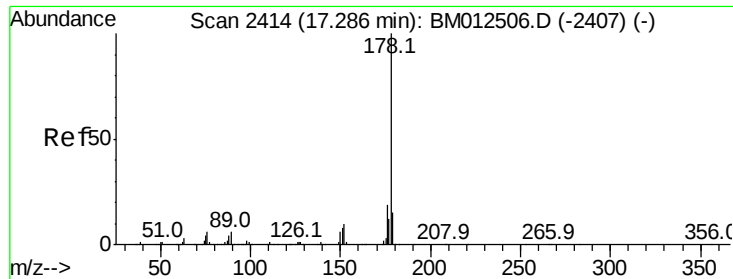
Delta R.T. -0.01 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Tgt Ion:	163	Resp:	298769
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.9	8.2	12.4





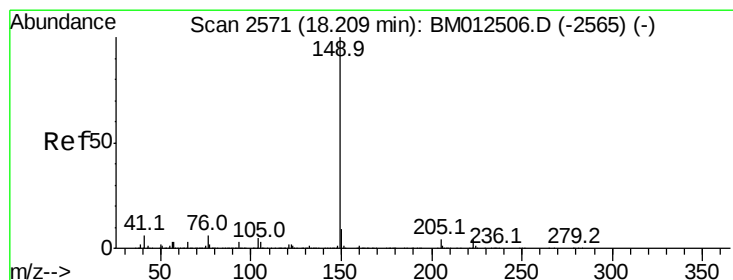
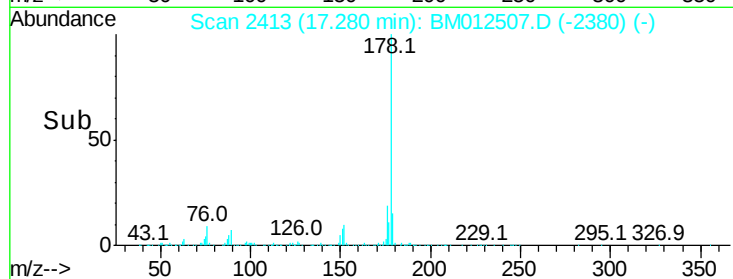
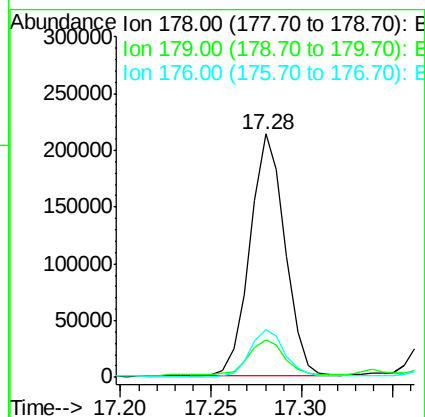
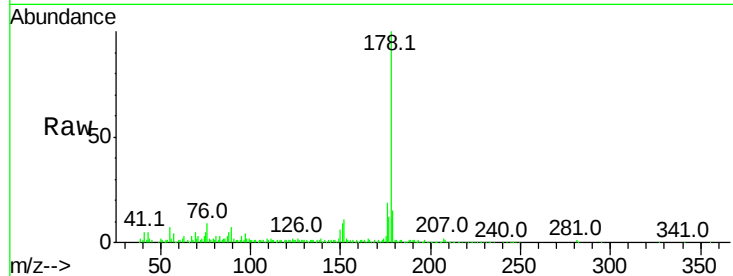
#69
 Phenanthrene
 Concen: 1.679 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM012507.D
 Acq: 28 Oct 2017 04:17

Instrument :
 BNA_M
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 B-7(0.5-1.5)_101017

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.4	14.9	22.3

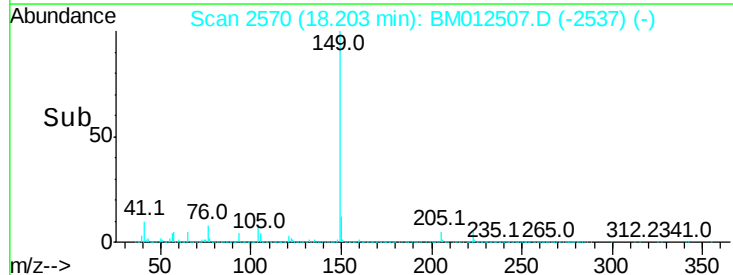
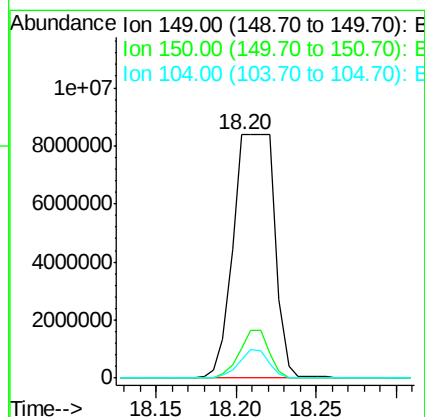
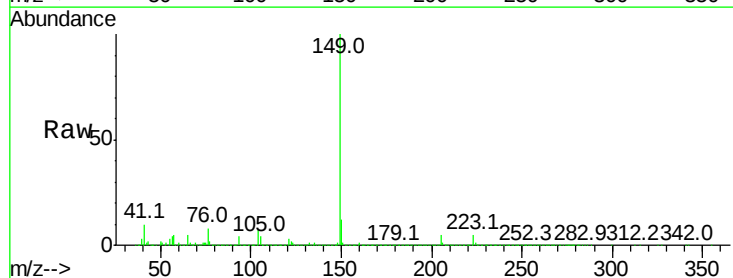
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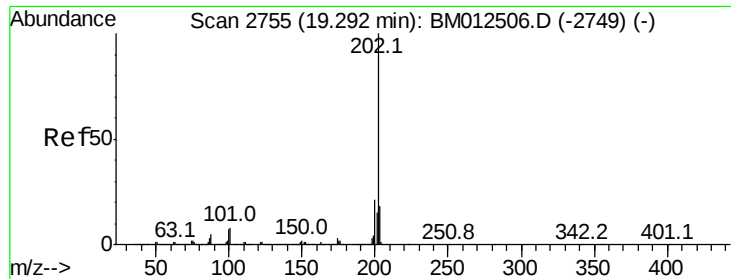
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#73
 Di-n-butylphthalate
 Concen: 82.026 ng/ul m
 RT: 18.20 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BM012507.D
 Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.2	7.1	10.7#
104	7.3	5.6	8.4





#74

Fluoranthene

Concen: 2.833 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

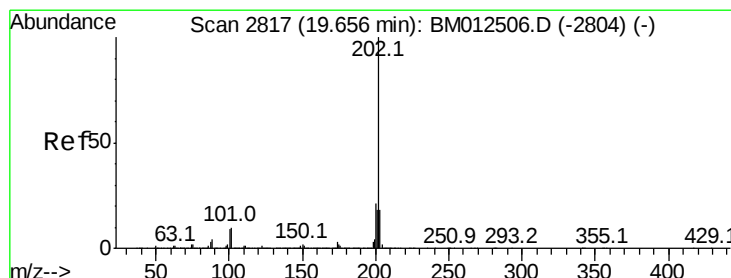
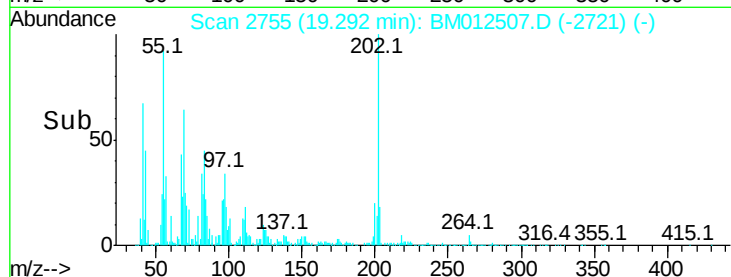
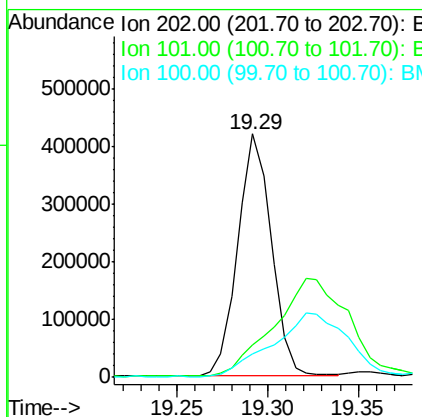
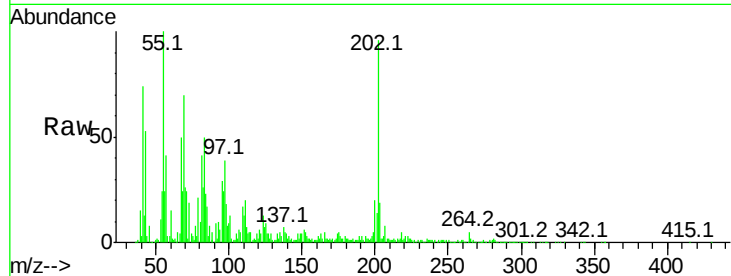
ClientSampleId :

B-7(0.5-1.5)_101017

Tot Ion:	202	Resp:	544030
Ion Ratio	Lower	Upper	
202	100		
101	13.5	4.6	7.0#
100	9.5	3.4	5.2#

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#77

Pyrene

Concen: 3.199 ng/ul

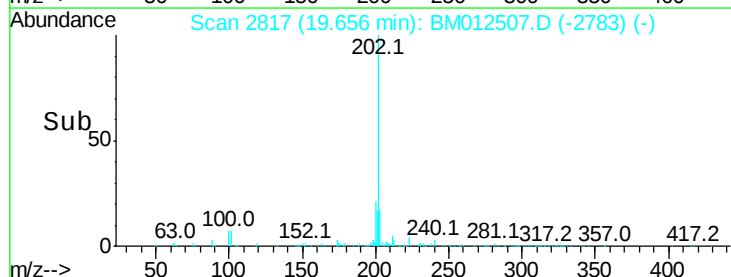
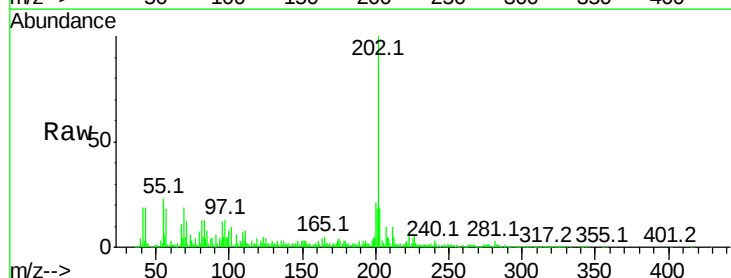
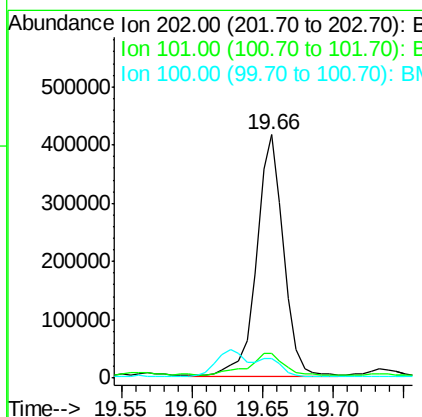
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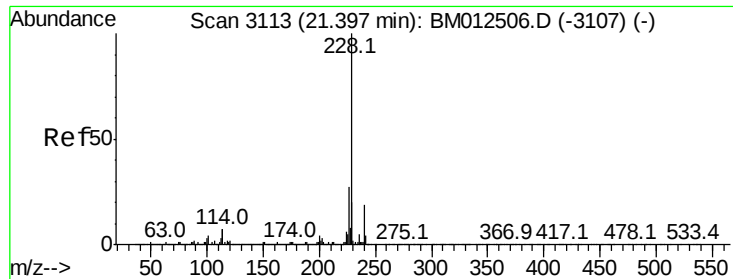
Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Tgt Ion:	202	Resp:	554698
Ion Ratio	Lower	Upper	
202	100		
101	10.3	5.1	7.7#
100	7.9	4.9	7.3#





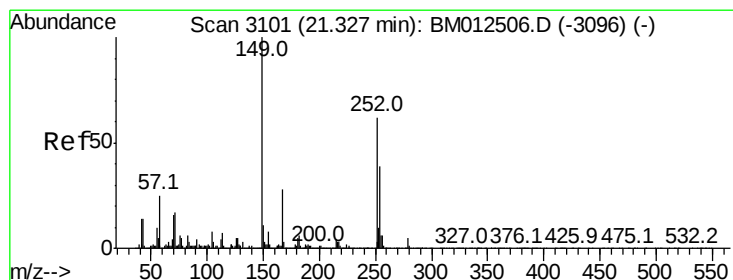
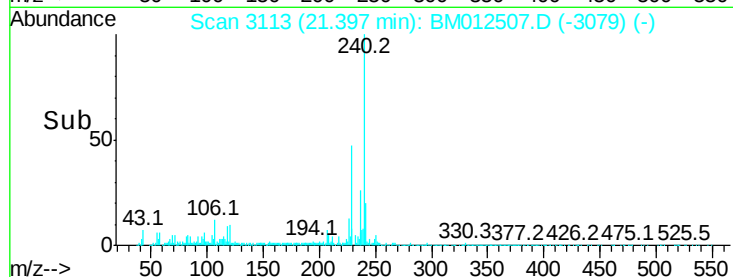
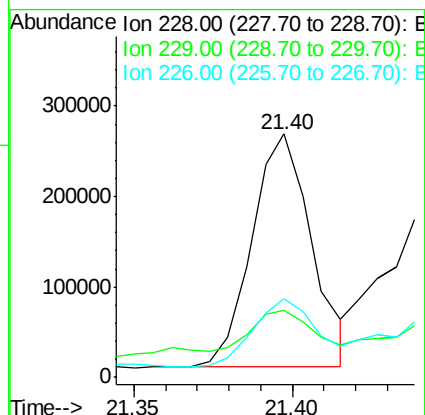
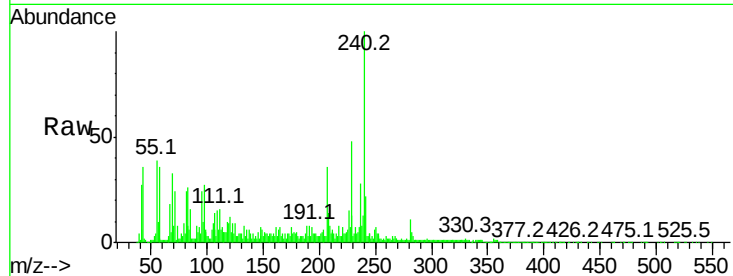
#80
Benzo(a)anthracene
Concen: 1.855 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-7(0.5-1.5)_101017

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.4	23.0#
226	32.1	21.4	32.0#

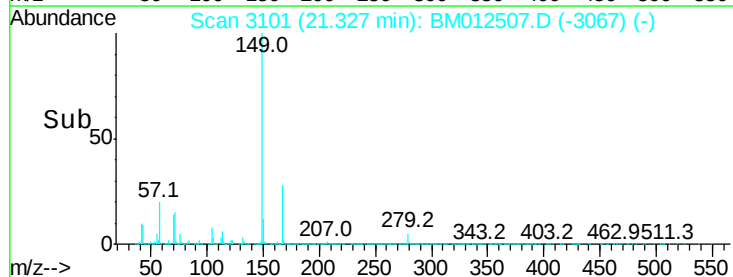
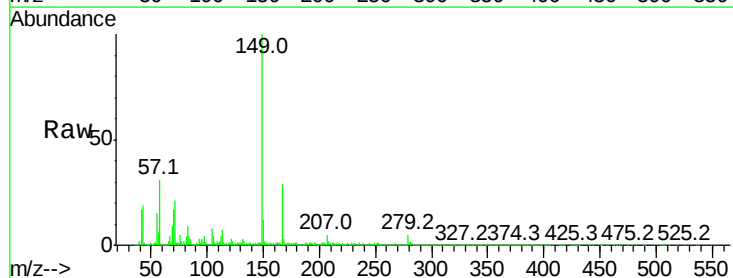
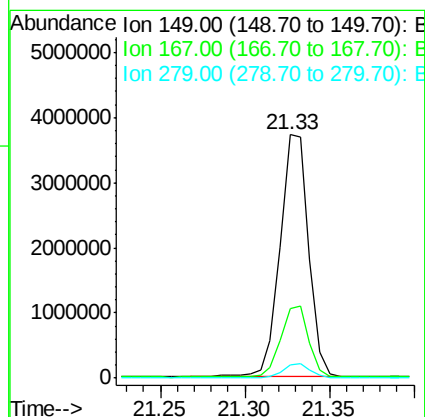
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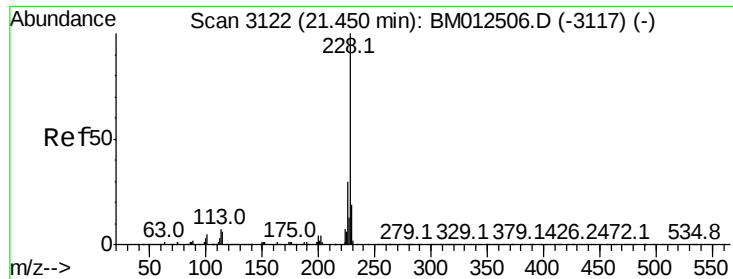
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#81
Bis(2-ethylhexyl)phthalate
Concen: 41.834 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.3	4.9	7.3





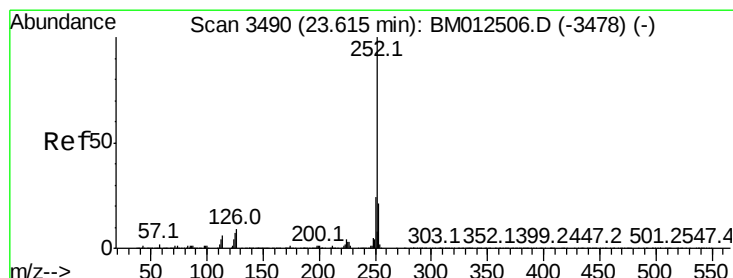
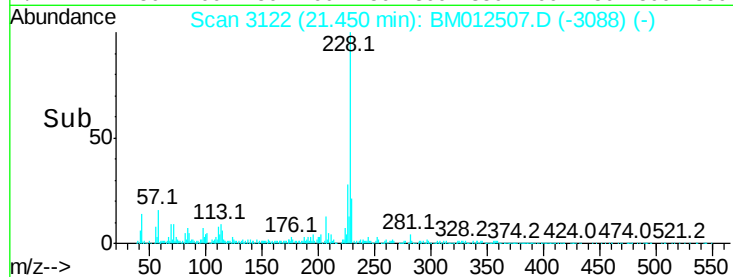
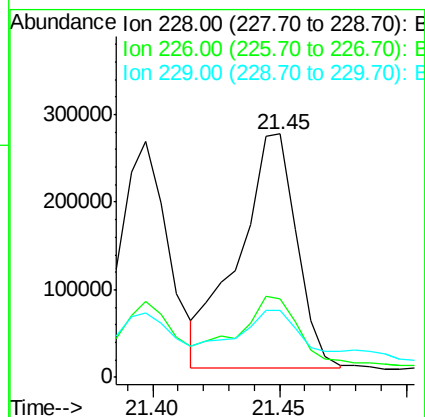
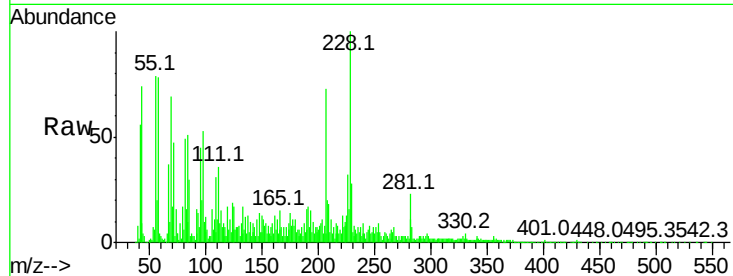
#82
Chrysene
Concen: 2.618 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Instrument :
BNA_M
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B-7(0.5-1.5)_101017

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	27.6	15.5	23.3#

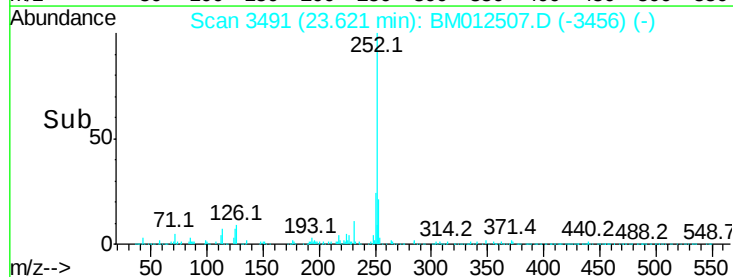
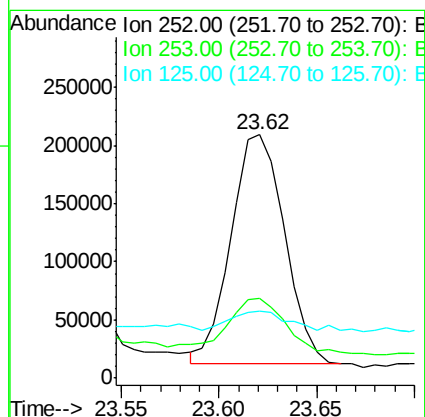
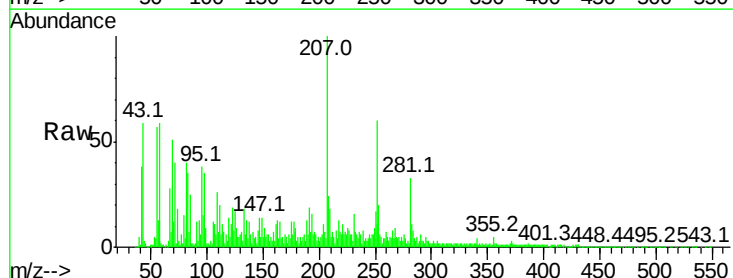
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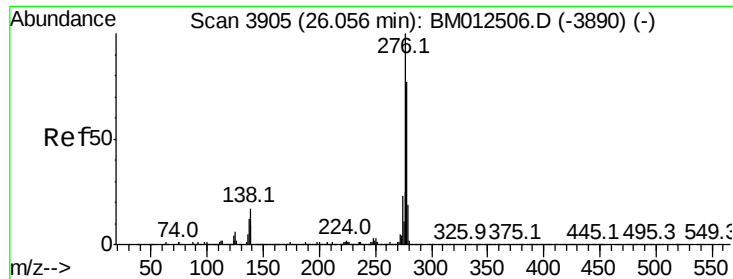
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#88
Benzo(a)pyrene
Concen: 1.907 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	18.2	27.2#
125	27.5	4.0	6.0#





#89

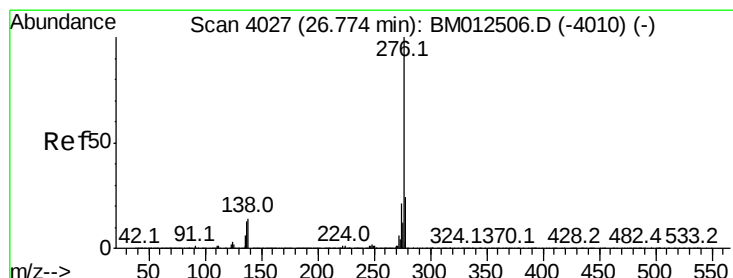
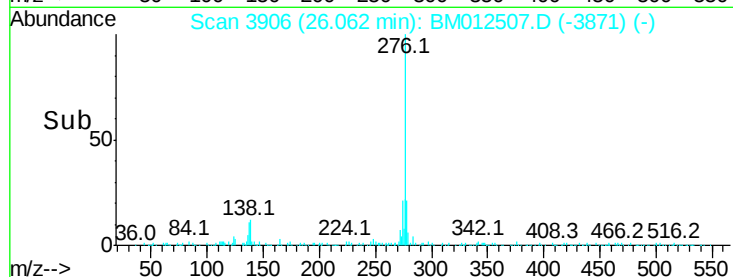
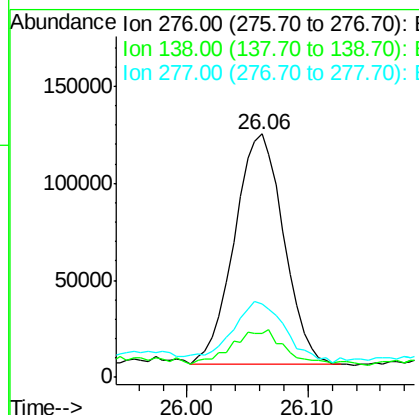
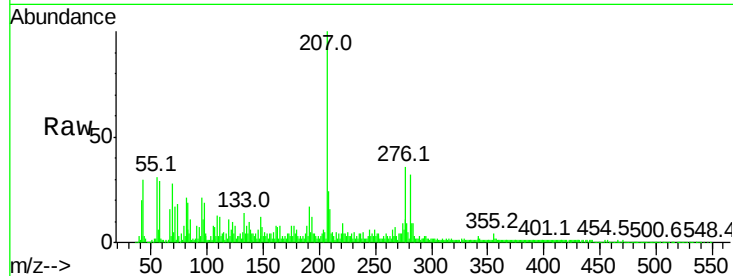
Indeno(1,2,3-cd)pyrene
Concen: 1.460 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-7(0.5-1.5)_101017

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	9.3	13.9#
277	30.1	19.9	29.9#

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:23 PM



#91

Benzo(g,h,i)perylene
Concen: 1.707 ng/ul
RT: 26.78 min Scan# 4028
Delta R.T. 0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.5	12.7#
277	28.4	18.6	28.0#

