

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011781.D
 Acq On : 29 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5354-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BA1

Manual Integrations
 APPROVED

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Quant Time: Oct 02 12:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 00:51:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	235780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1048115	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	572379	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1088203	20.00	ng/ul	0.00
75) Chrysene-d12	21.50	240	1239260	20.00	ng/ul	0.02
83) Perylene-d12	23.91	264	1270398m	20.00	ng/ul	0.07

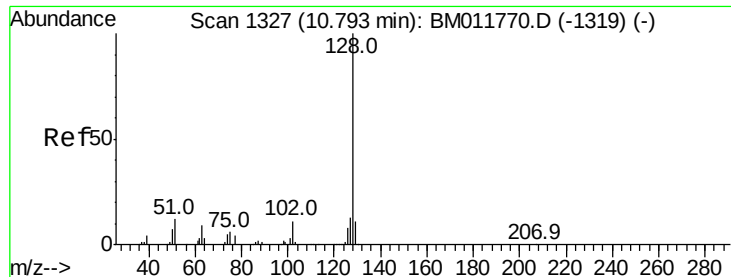
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	26643m	5.04	ng/uL	0.00
5) Phenol-d5	7.09	99	609893	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	466716	27.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	530628	30.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	484068	26.65	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	265191	32.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	287446	32.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	517056	31.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	809233	43.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1592355	32.44	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1972643	33.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	209799	25.00	ng/ul	0.00
57) Fluorene-d10	15.56	176	1315394	31.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	73842	10.02	ng/ul	0.00
70) Anthracene-d10	17.41	188	1829051	33.03	ng/ul	0.00
76) Pyrene-d10	19.70	212	2178089	36.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.76	264	1974885m	32.47	ng/ul	0.07

Target Compounds

					Ovalue	
28) Naphthalene	10.79	128	450373	8.221	ng/ul#	94
34) 2-Methylnaphthalene	12.40	142	1350758	34.783	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	70753	1.501	ng/ul#	95
44) Dimethylphthalate	14.02	163	448432	9.551	ng/ul	99
58) Fluorene	15.62	166	99555	2.111	ng/ul#	95
69) Phenanthrene	17.36	178	364518	5.985	ng/ul#	93
74) Fluoranthene	19.37	202	303795	4.085	ng/ul#	81
77) Pyrene	19.73	202	851879	11.535	ng/ul#	83
81) Bis(2-ethylhexyl)phthalate	21.39	149	1224660	26.580	ng/ul#	88
91) Benzo(a,h,i)perylene	27.12	276	336597m	5.380	ng/ul	

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



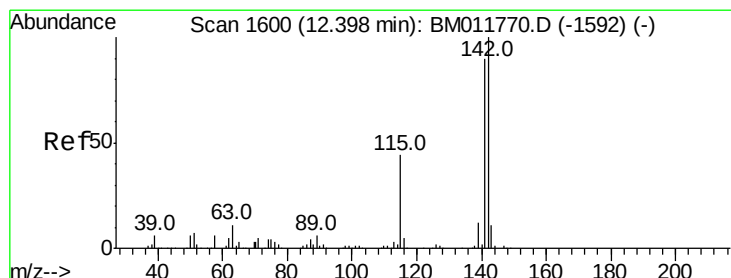
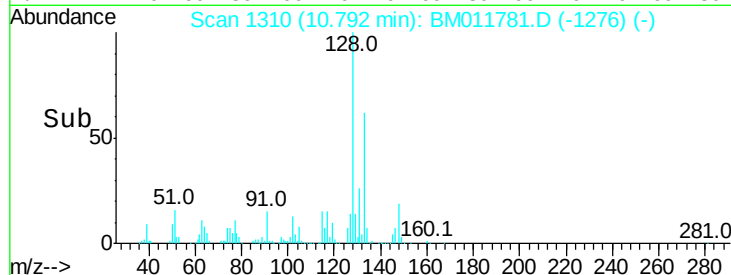
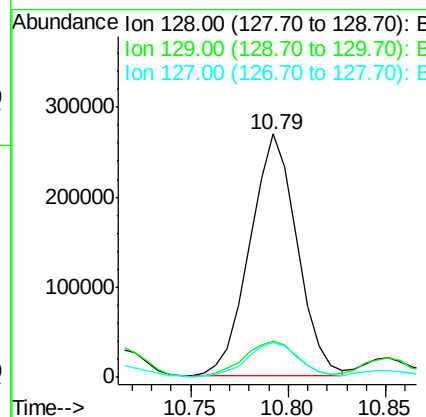
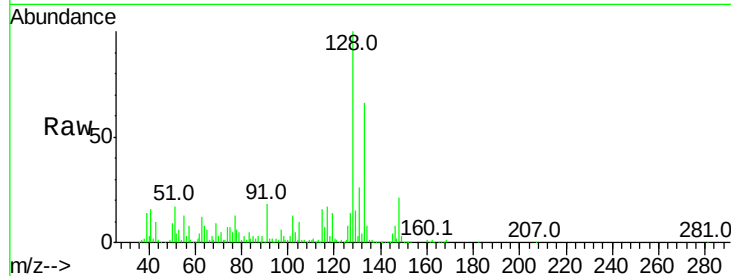
#28
Naphthalene
Concen: 8.221 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. -0.00 min
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BNA_M
ClientSampleId :
B0BA1

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	14.4	10.6	16.0

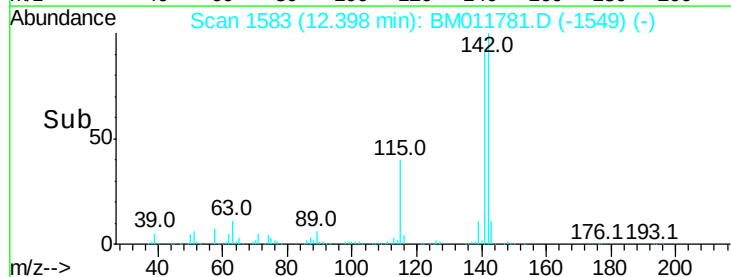
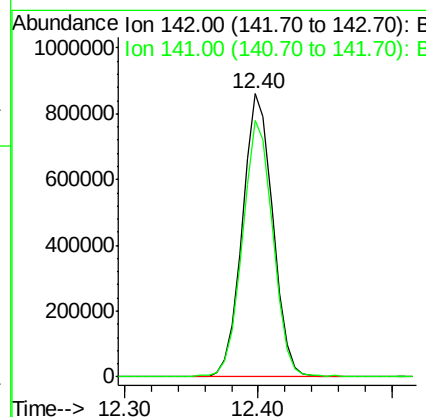
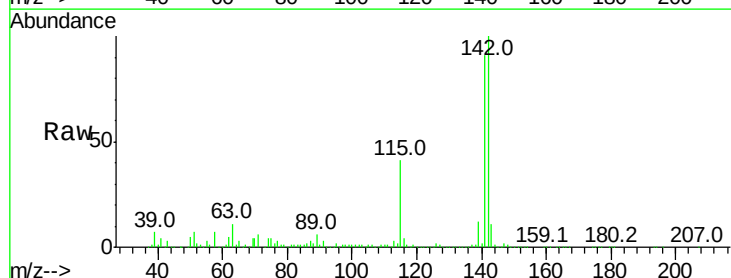
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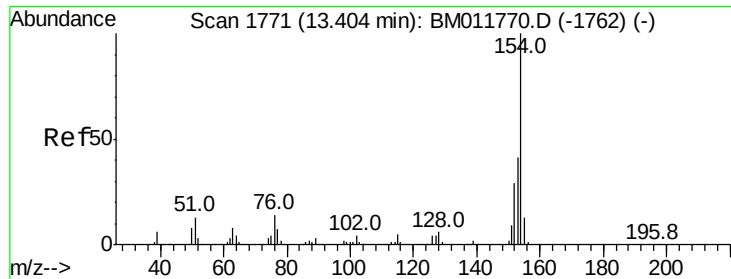
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#34
2-Methylnaphthalene
Concen: 34.783 ng/ul
RT: 12.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BM011781.D
Acq: 29 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.1	111.1





#40

1,1'-Biphenyl

Concen: 1.501 ng/ul

RT: 13.40 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BM011781.D

Acq: 29 Sep 2017 23:38

Instrument :

BNA_M

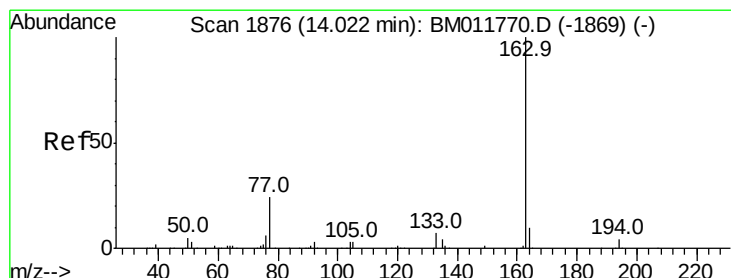
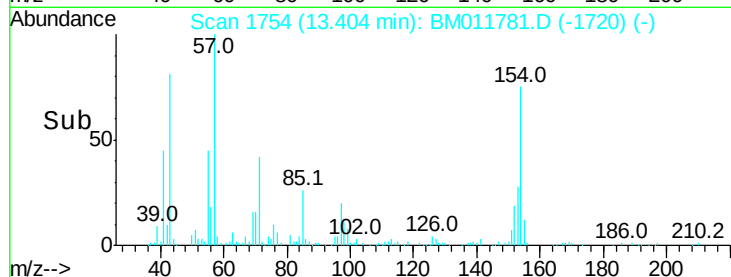
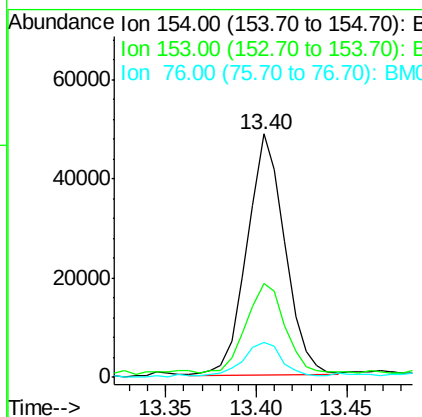
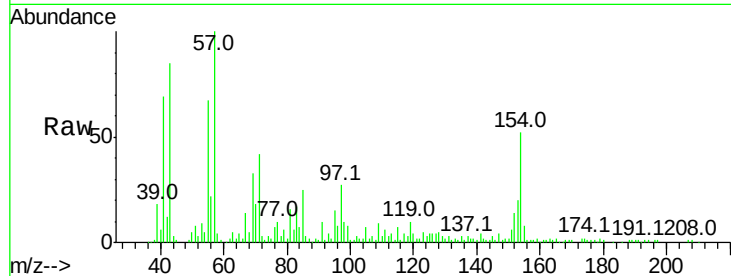
ClientSampleId :

B0BA1

Tot Ion:	154	Resp:	70753
Ion Ratio	Lower	Upper	
154	100		
153	38.6	32.6	48.8
76	14.3	8.5	12.7#

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#44

Dimethylphthalate

Concen: 9.551 ng/ul

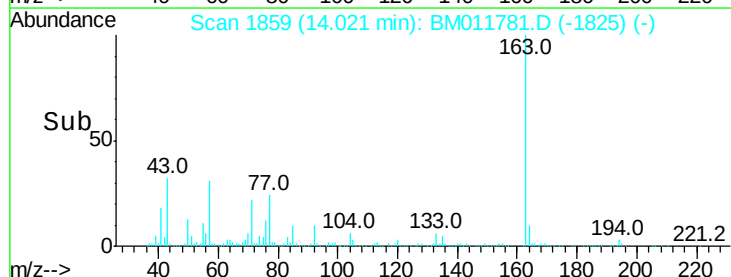
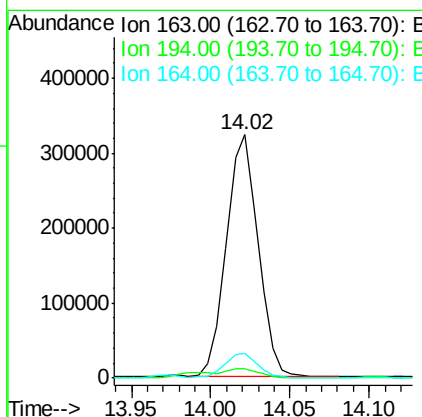
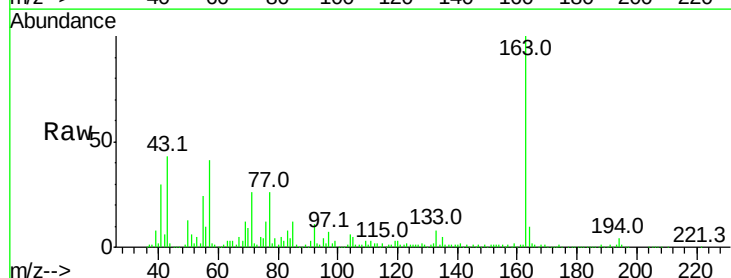
RT: 14.02 min Scan# 1859

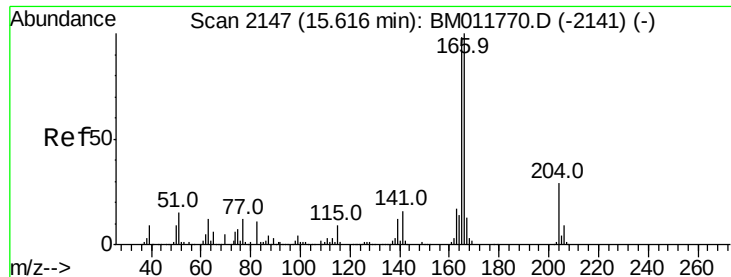
Delta R.T. -0.00 min

Lab File: BM011781.D

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Tgt Ion:	163	Resp:	448432
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.5	5.3
164	10.0	8.2	12.4





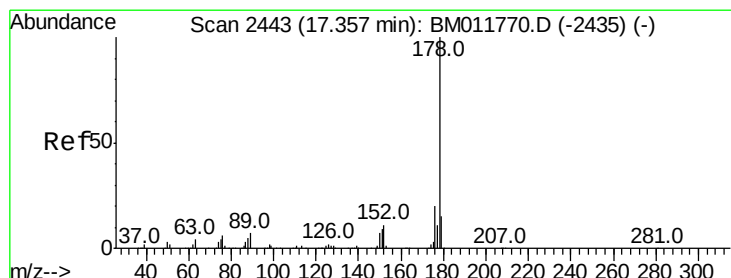
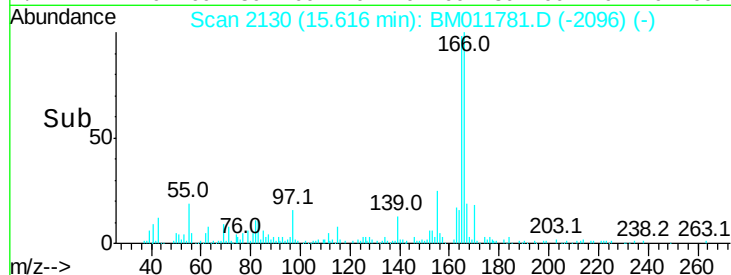
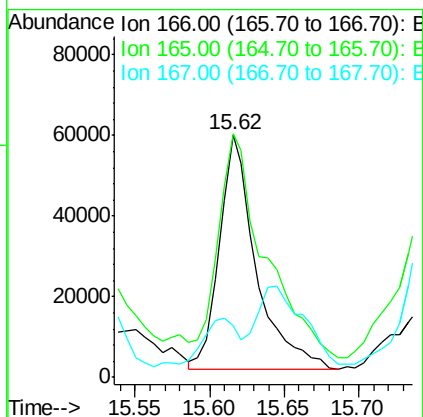
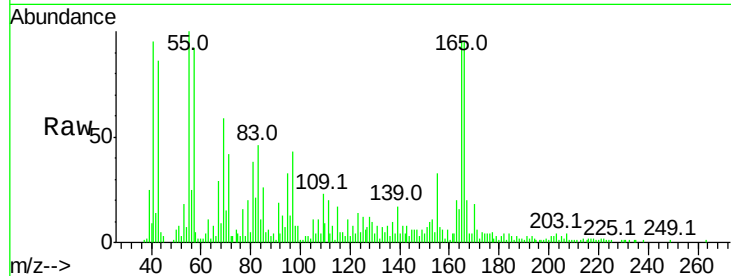
#58
Fluorene
Concen: 2.111 ng/ul
RT: 15.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM011781.D
Acq: 29 Sep 2017 23:38

Instrument :
BNA_M
ClientSampleId :
B0BA1

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.5	77.9	116.9	
167	21.5	10.6	16.0	

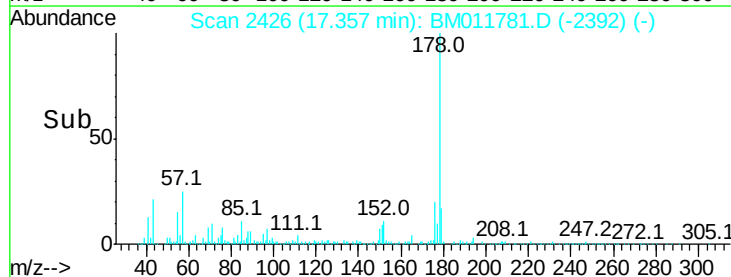
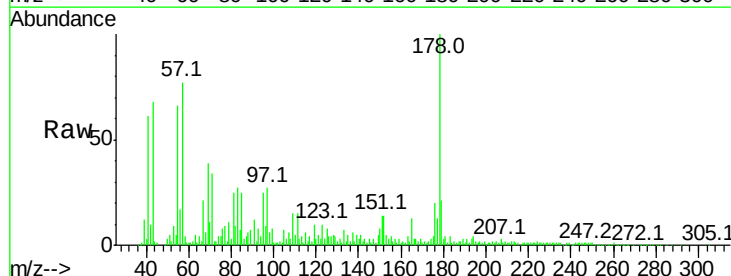
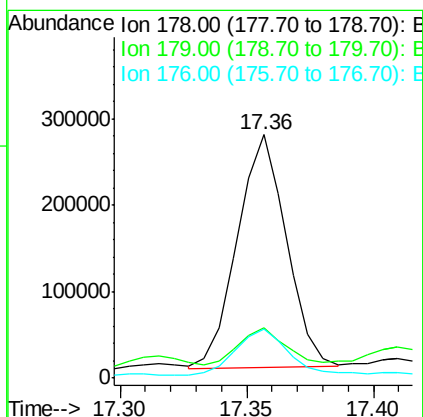
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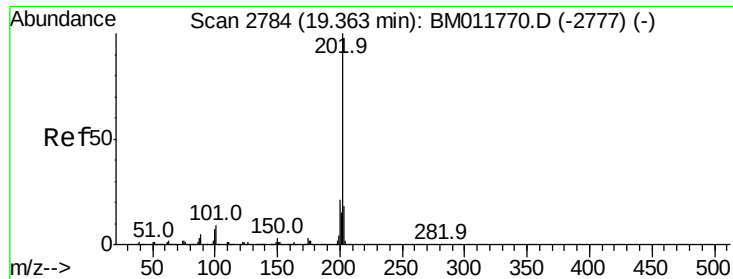
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#69
Phenanthrene
Concen: 5.985 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BM011781.D
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	20.6	12.6	19.0	
176	20.4	14.9	22.3	





#74

Fluoranthene

Concen: 4.085 ng/ul

RT: 19.37 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BM011781.D

Acq: 29 Sep 2017 23:38

Instrument :

BNA_M

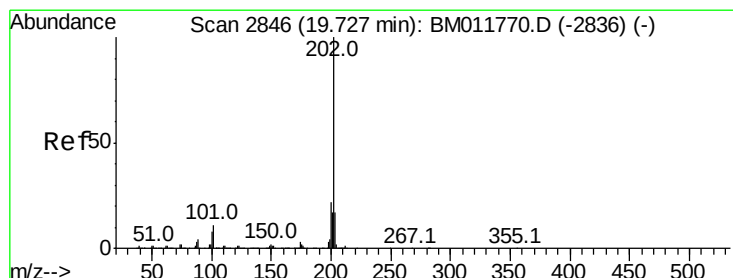
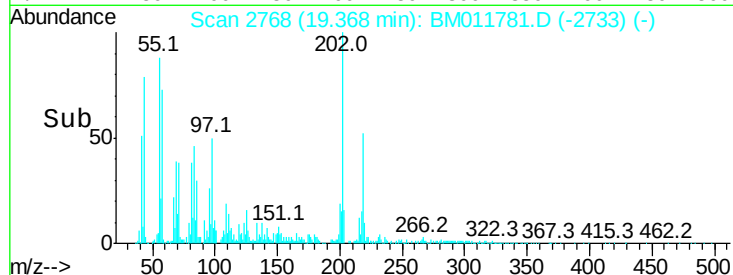
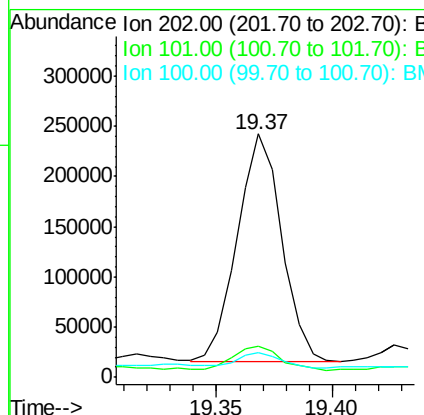
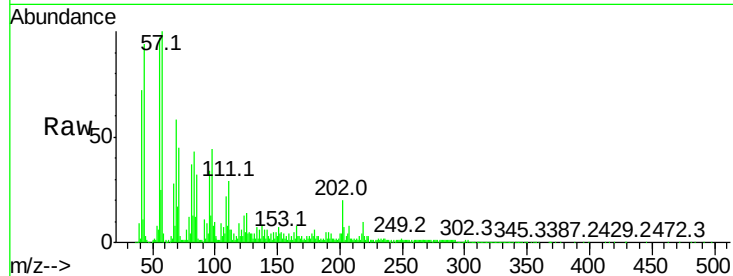
ClientSampleId :

B0BA1

Tot Ion:	202	Resp:	303795
Ion Ratio	Lower	Upper	
202	100		
101	12.6	4.6	7.0#
100	9.9	3.4	5.2#

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#77

Pyrene

Concen: 11.535 ng/ul

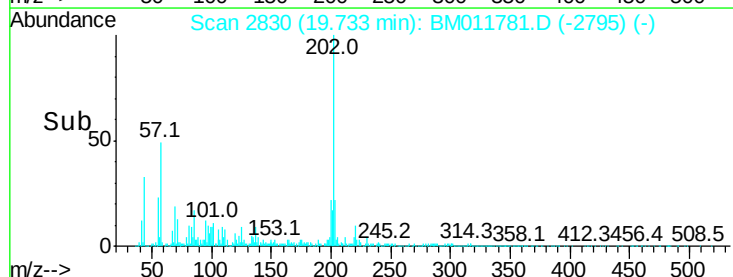
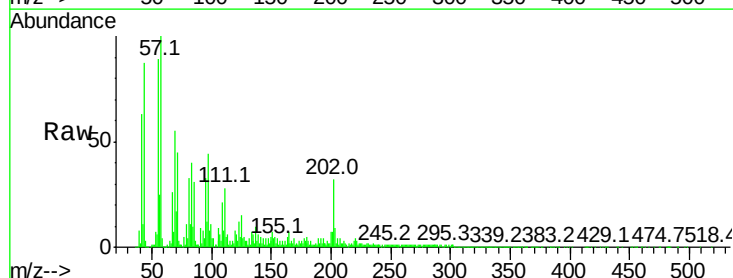
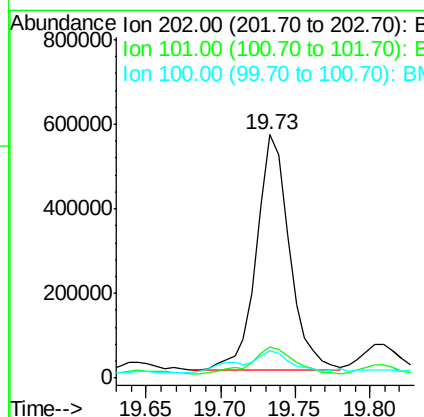
RT: 19.73 min Scan# 2830

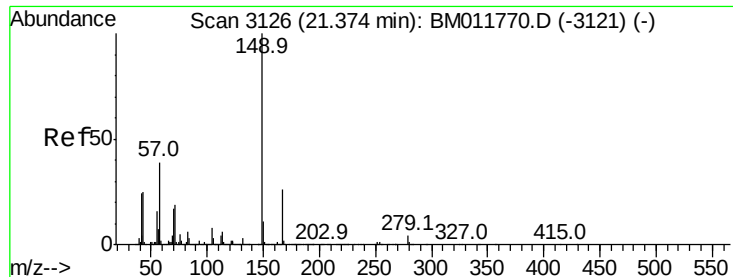
Delta R.T. 0.01 min

Lab File: BM011781.D

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Tgt Ion:	202	Resp:	851879
Ion Ratio	Lower	Upper	
202	100		
101	12.7	5.1	7.7#
100	11.0	4.9	7.3#





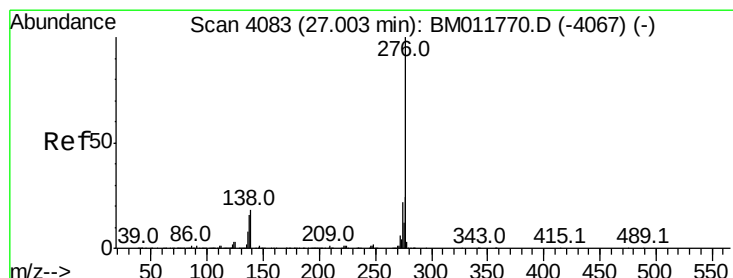
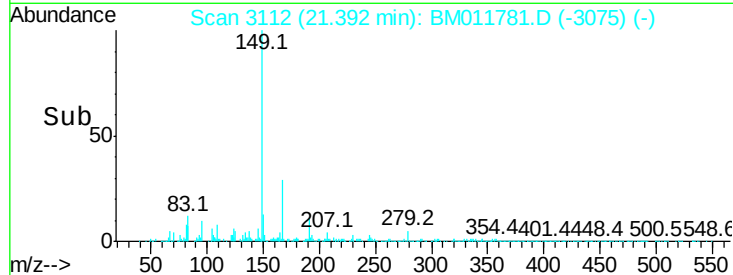
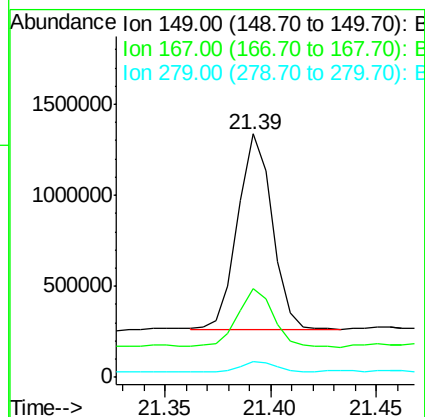
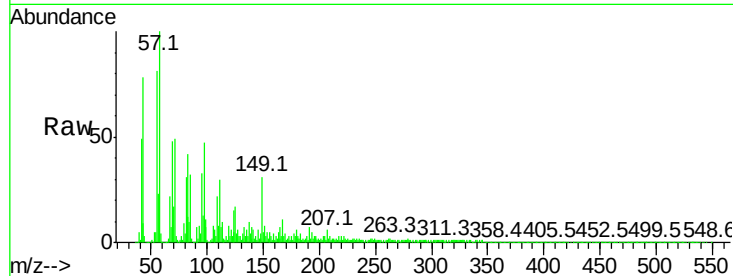
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 26.580 ng/ul
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.02 min
 Lab File: BM011781.D
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 BNA_M
 ClientSampleId :
 B0BA1

Tot Ion:149 Resp: 1224660
 Ion Ratio Lower Upper
 149 100
 167 36.2 22.8 34.2#
 279 6.3 4.9 7.3

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#91
 Benzo(g,h,i)perylene
 Concen: 5.380 ng/ul m
 RT: 27.12 min Scan# 4086
 Delta R.T. 0.12 min
 Lab File: BM011781.D
 Acq: 29 Sep 2017 23:38

Tgt Ion:276 Resp: 336597
 Ion Ratio Lower Upper
 276 100
 138 58.8 8.5 12.7#
 277 38.5 18.6 28.0#

