

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012601.D
 Acq On : 31 Oct 2017 08:58
 Operator : SJ/JU
 Sample : I5873-03DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-13(1-3) 101117DL

Manual Integrations
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Quant Time: Oct 31 14:11:09 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	7.86	152	352116	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	1303783	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.50	164	729763	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1613786	20.00	ng/ul	-0.01
75) Chrysene-d12	21.42	240	2088365	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2390116	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	5363	0.78	ng/uL	0.00
5) Phenol-d5	7.03	99	86271	2.93	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.19	67	53791	3.08	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.40	132	67783	3.08	ng/ul	-0.02
13) 4-Methylphenol-d8	8.57	113	61204	2.43	ng/ul	-0.02
19) Nitrobenzene-d5	9.02	128	34391	4.21	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.74	143	34140	4.06	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.28	165	69051	3.10	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.80	131	10930	0.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	194927	3.06	ng/ul	-0.01
46) Acenaphthylene-d8	14.19	160	245031	3.25	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.70	143	21369	2.25	ng/ul	0.00
57) Fluorene-d10	15.49	176	171800	3.18	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.61	200	1052	0.13	ng/ul	-0.01
70) Anthracene-d10	17.34	188	256260	3.33	ng/ul	-0.01
76) Pyrene-d10	19.63	212	309974	3.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	364013	3.21	ng/ul	0.00

Target Compounds

					Ovalue
24) 2,4-Dimethylphenol	9.87	107	84811	3.225	ng/ul 95
28) Naphthalene	10.70	128	71365	1.104	ng/ul 97
67) Atrazine	16.70	200	71874m	3.564	ng/ul
69) Phenanthrene	17.28	178	356605	4.086	ng/ul 100
74) Fluoranthene	19.29	202	489323	4.948	ng/ul# 80
77) Pyrene	19.66	202	413080	3.478	ng/ul# 92
80) Benzo(a)anthracene	21.40	228	198913	1.591	ng/ul# 83
81) Bis(2-ethylhexyl)phthalate	21.32	149	15992287m	224.653	ng/ul
82) Chrysene	21.45	228	253236	2.278	ng/ul# 90
85) Benzo(b)fluoranthene	23.03	252	372555	2.522	ng/ul# 81
89) Indeno(1,2,3-cd)pyrene	26.06	276	186872	1.127	ng/ul# 76
91) Benzo(g,h,i)perylene	26.78	276	147109	1.095	ng/ul# 77

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

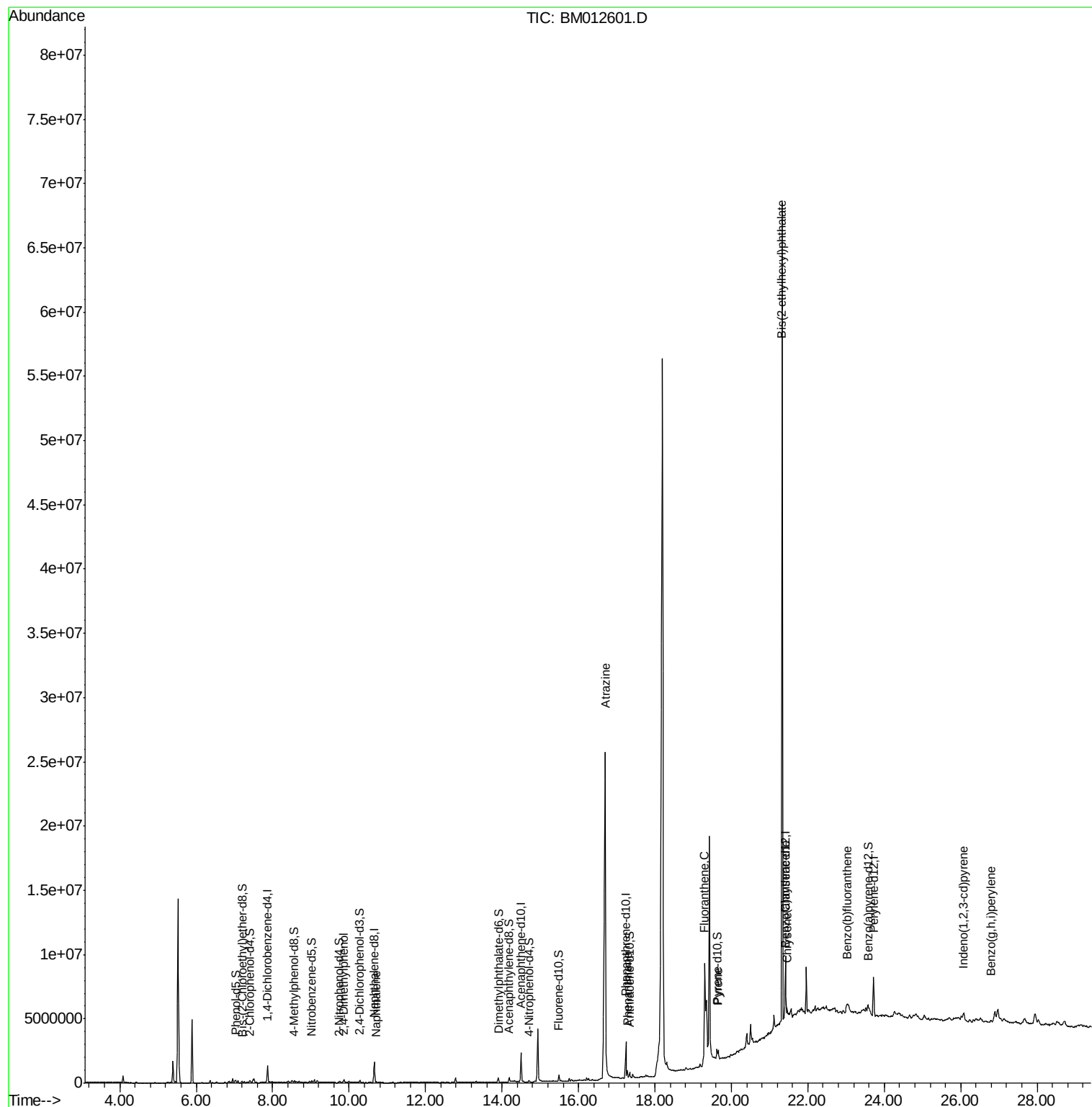
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012601.D
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Operator : SJ/JU
Sample : I5873-03DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

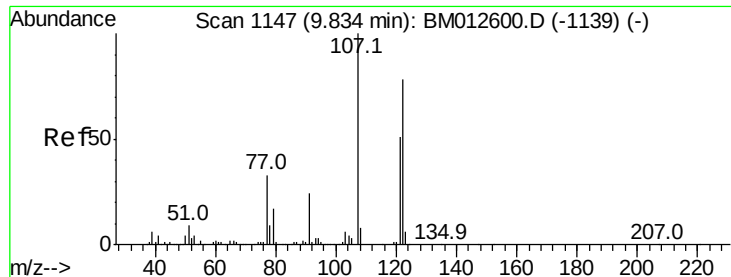
Instrument :
BNA_M
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B-13(1-3) 101117DL

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Quant Time: Oct 31 14:11:09 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





#24

2,4-Dimethylphenol

Concen: 3.225 ng/ul

RT: 9.87 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BM012601.D

Acq: 31 Oct 2017 08:58

Instrument :

BNA_M

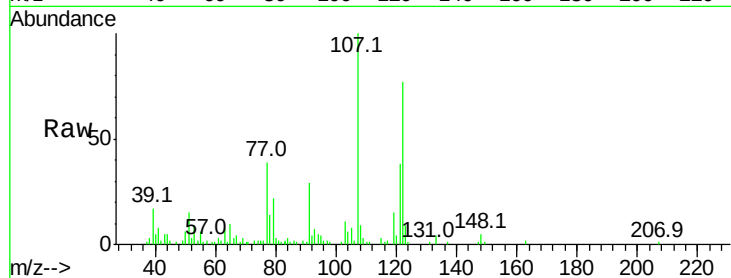
ClientSampleId :

B-13(1-3) 101117DL

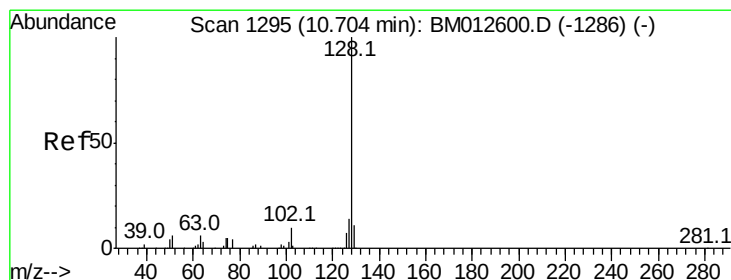
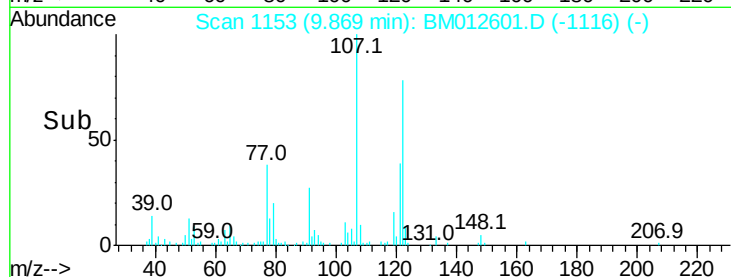
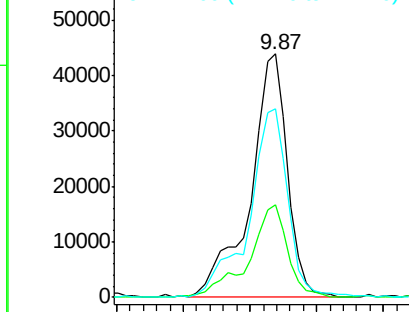
Tot Ion:	107	Resp:	84811
Ion Ratio	Lower	Upper	
107	100		
121	37.9	31.9	47.9
122	77.3	57.8	86.6

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 1.104 ng/ul

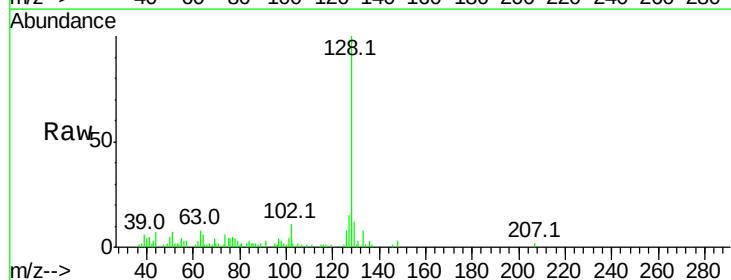
RT: 10.70 min Scan# 1295

Delta R.T. -0.02 min

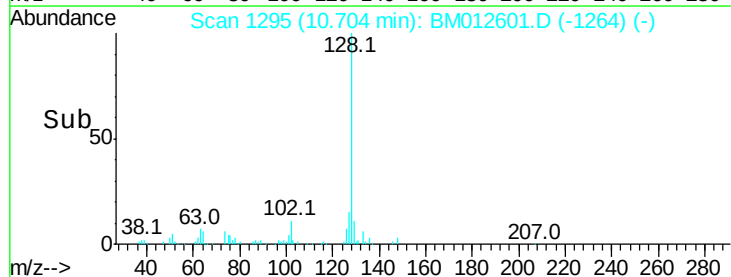
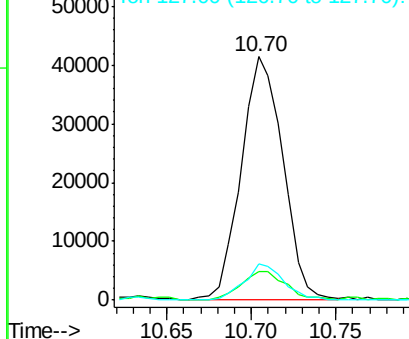
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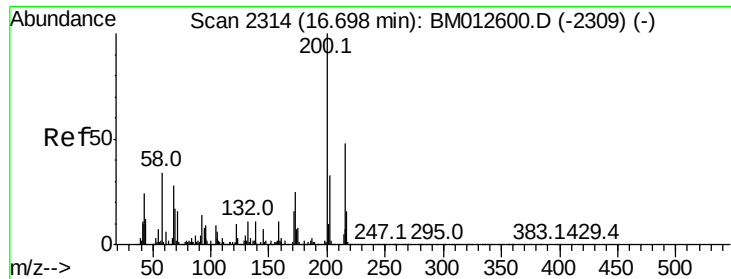
Acq: 31 Oct 2017 08:58

Tgt Ion:	128	Resp:	71365
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	14.9	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





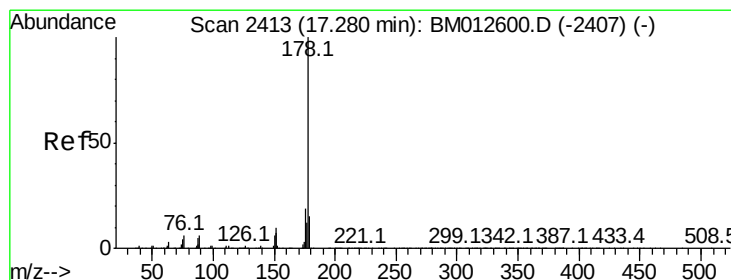
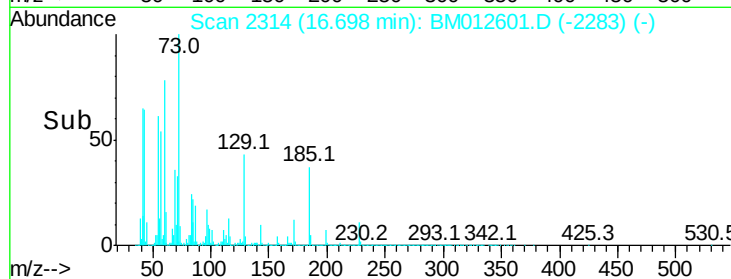
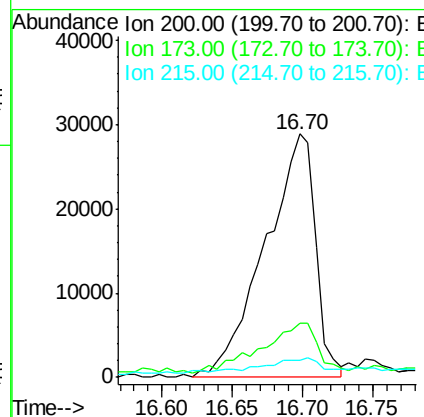
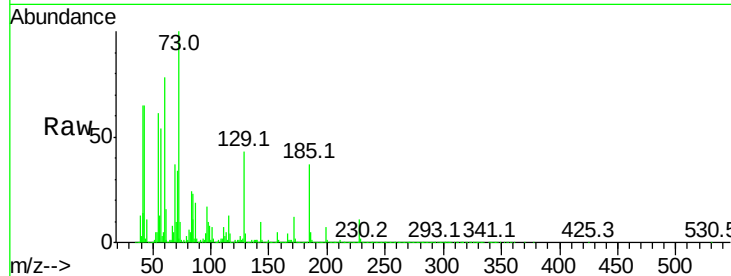
#67
Atrazine
Concen: 3.564 ng/ul m
RT: 16.70 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BM012601.D
Acq: 31 Oct 2017 08:58

Instrument :
BNA_M
ClientSampleId :
B-13(1-3)_101117DL

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	18.2	27.2
215	6.8	35.0	52.4#

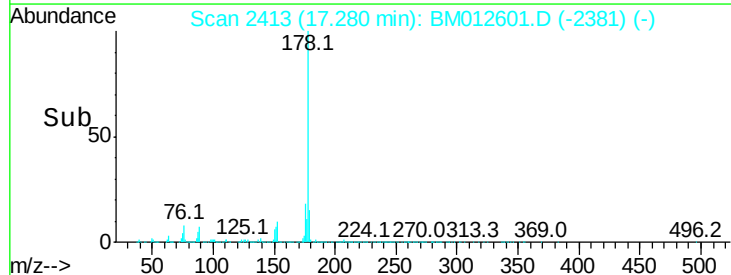
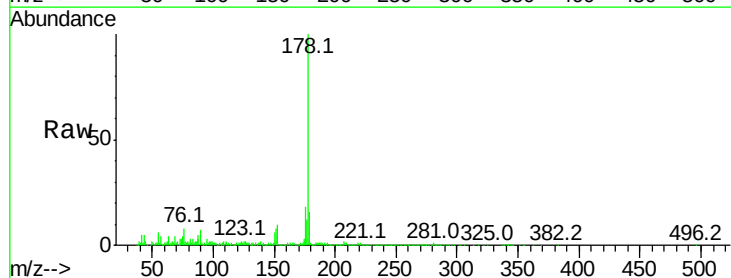
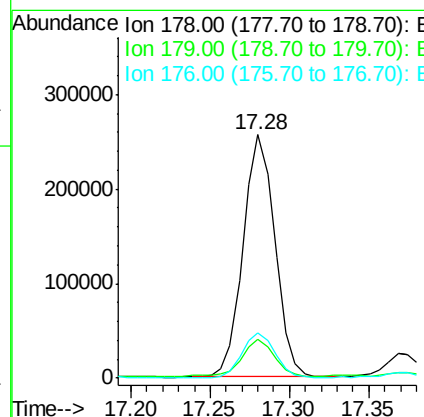
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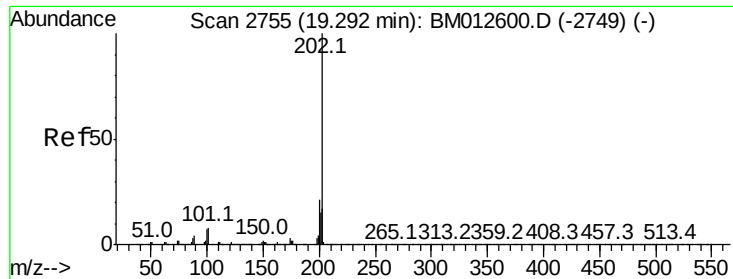
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#69
Phenanthrene
Concen: 4.086 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM012601.D
Acq: 31 Oct 2017 08:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.5	14.9	22.3





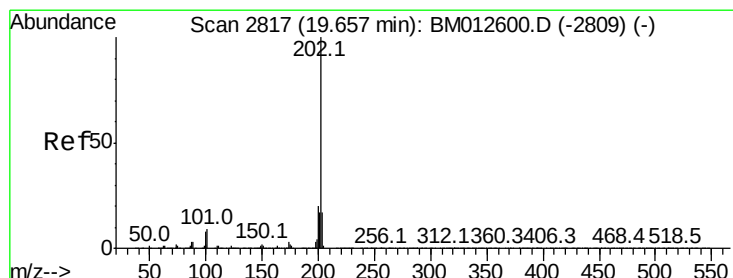
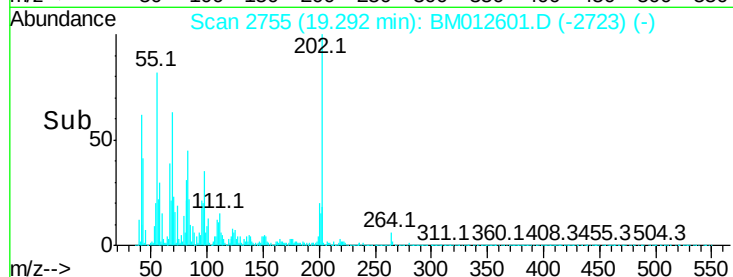
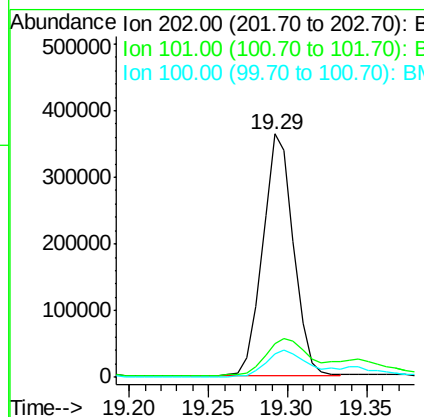
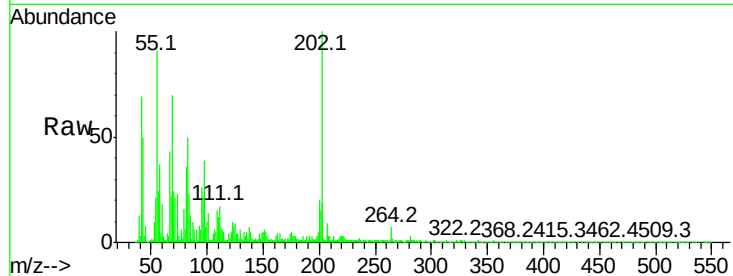
#74
 Fluoranthene
 Concen: 4.948 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.01 min
 Lab File: BM012601.D
 Acq: 31 Oct 2017 08:58

Instrument :
 BNA_M
 ClientSampleId :
 B-13(1-3)_101117DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	4.6	7.0#
100	9.6	3.4	5.2#

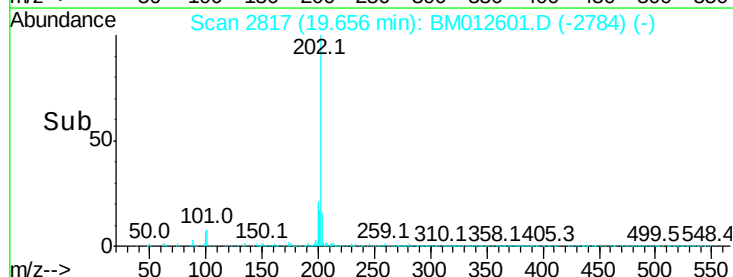
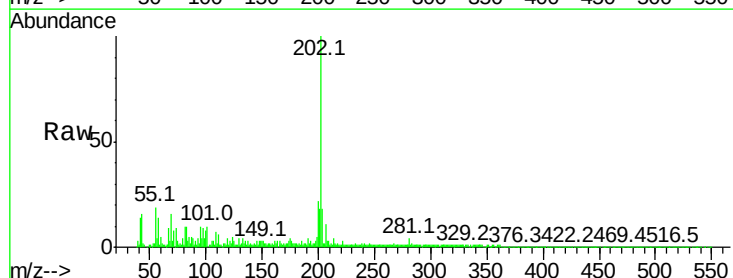
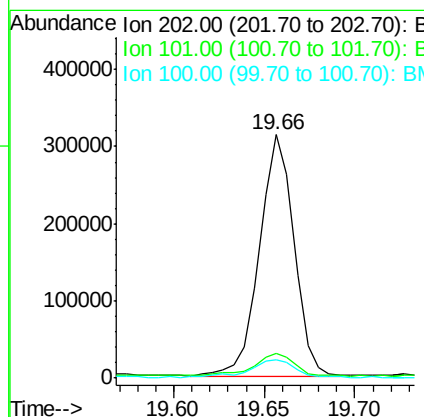
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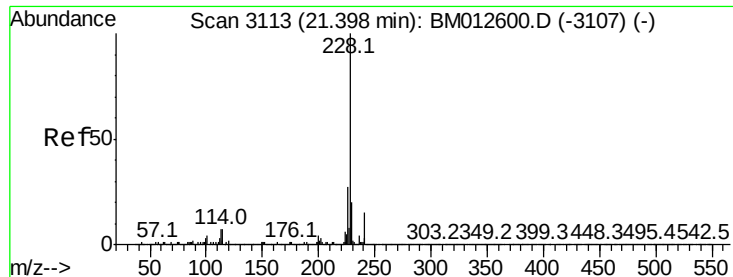
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#77
 Pyrene
 Concen: 3.478 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BM012601.D
 Acq: 31 Oct 2017 08:58

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





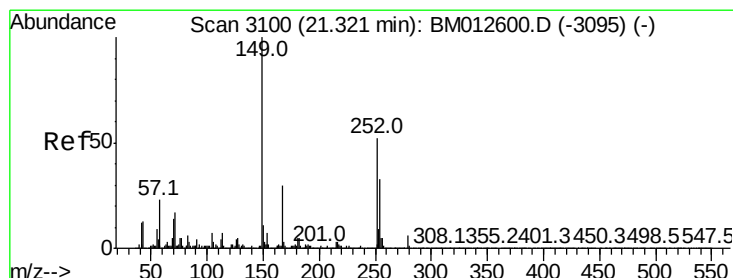
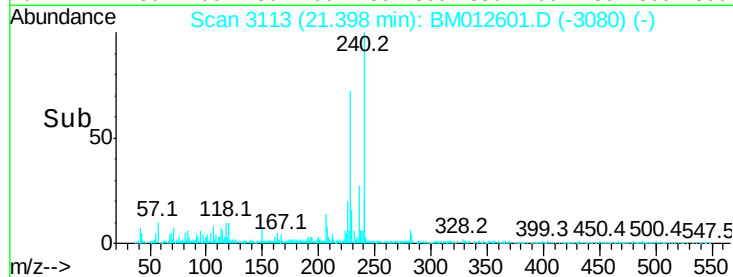
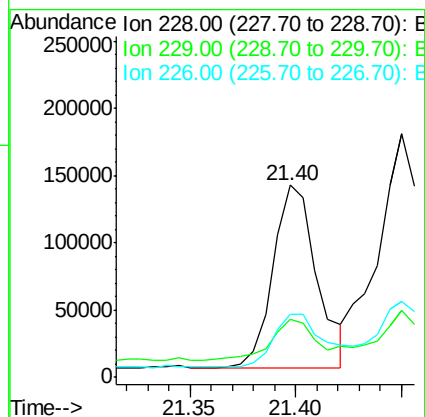
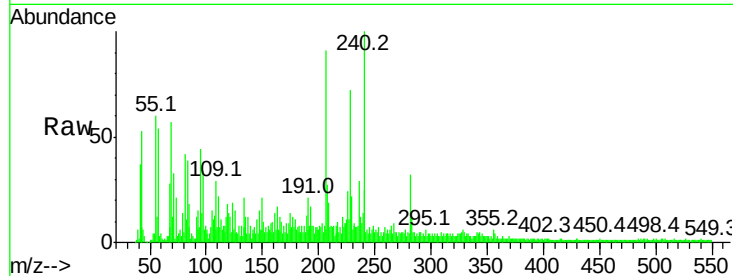
#80
Benzo(a)anthracene
Concen: 1.591 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012601.D
Acq: 31 Oct 2017 08:58

Instrument :
BNA_M
ClientSampleId :
B-13(1-3)_101117DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	29.9	15.4	23.0#
226	33.0	21.4	32.0#

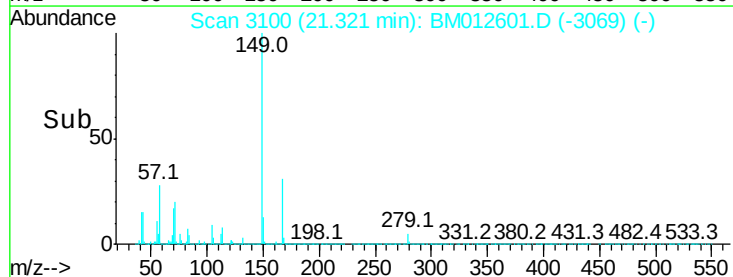
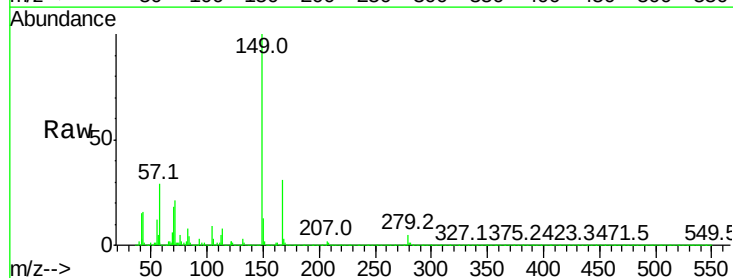
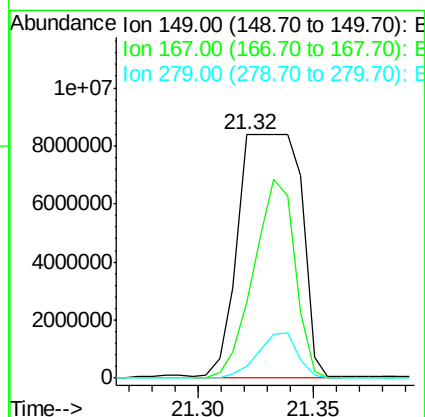
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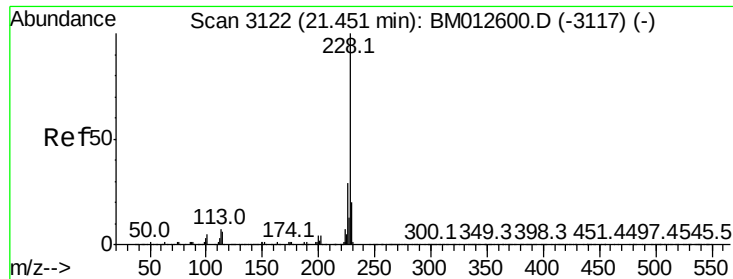
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#81
Bis(2-ethylhexyl)phthalate
Concen: 224.653 ng/ul m
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM012601.D
Acq: 31 Oct 2017 08:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	22.8	34.2
279	5.1	4.9	7.3





#82

Chrysene

Concen: 2.278 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM012601.D

Acq: 31 Oct 2017 08:58

Instrument :

BNA_M

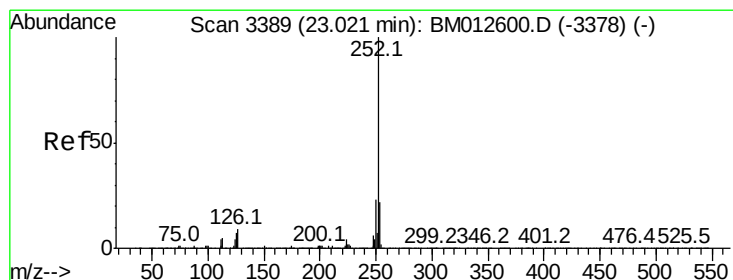
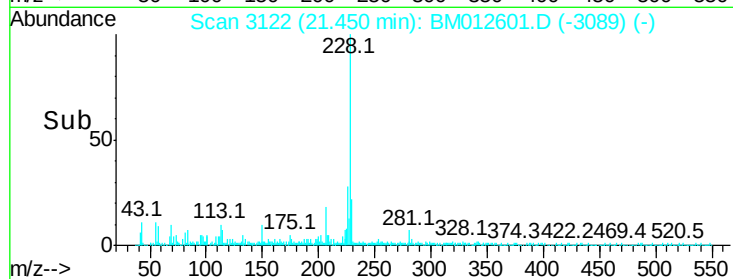
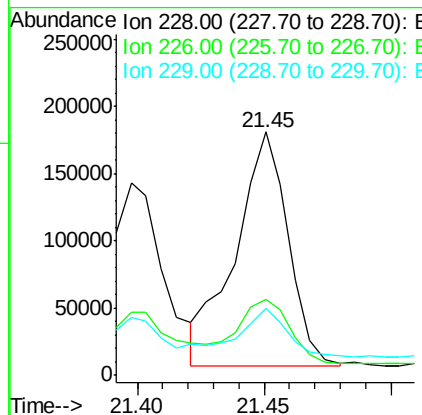
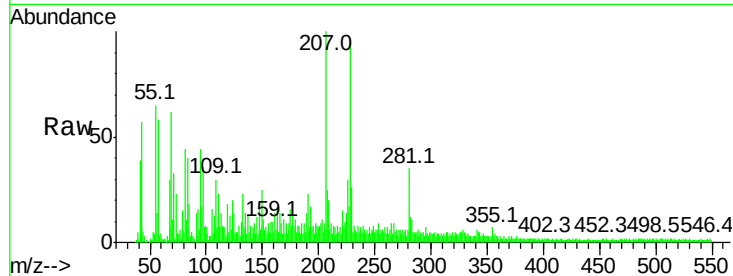
ClientSampleId :

B-13(1-3) 101117DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.4	23.4	35.2	
229	27.6	15.5	23.3#	

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#85

Benzo(b)fluoranthene

Concen: 2.522 ng/ul

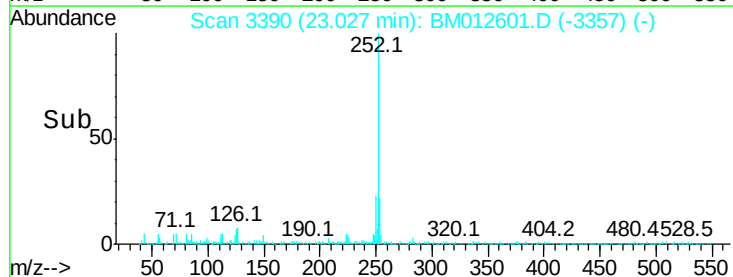
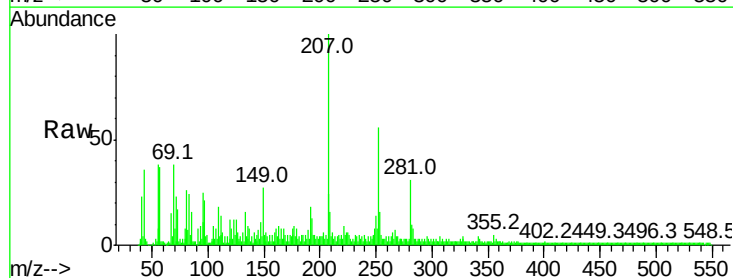
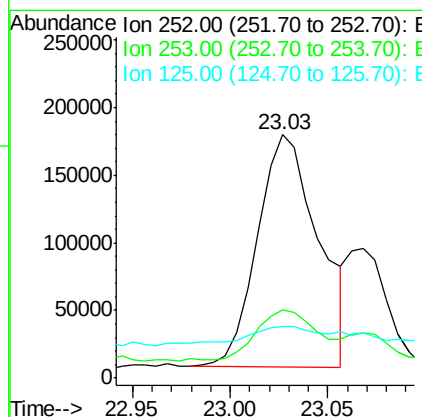
RT: 23.03 min Scan# 3390

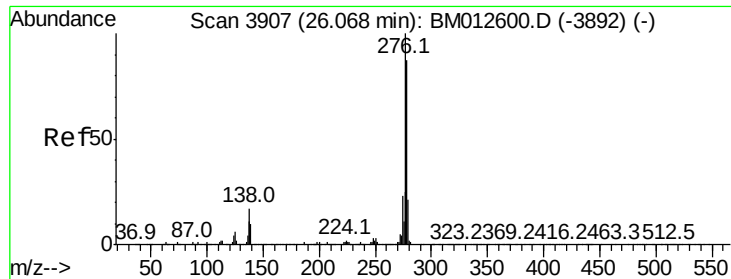
Delta R.T. -0.01 min

Lab File: BM012601.D

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	28.2	17.9	26.9#	
125	21.0	3.6	5.4#	





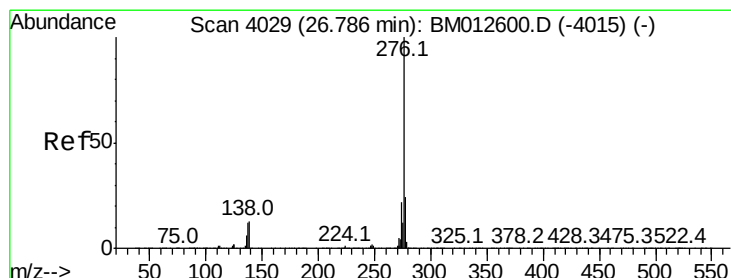
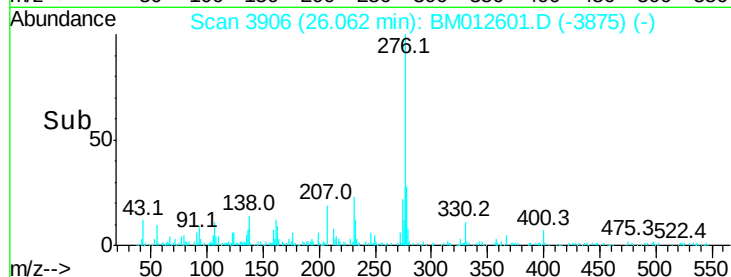
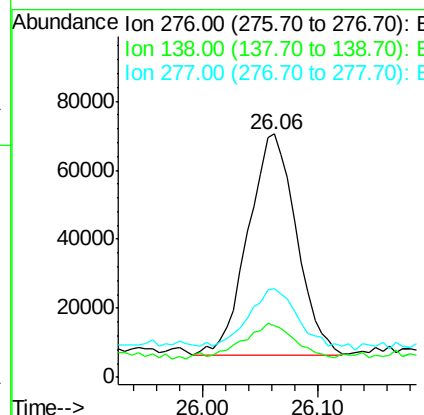
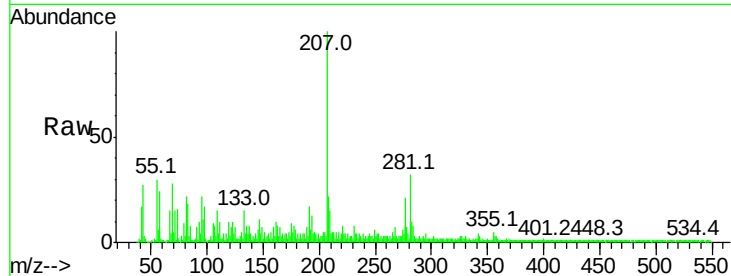
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.127 ng/ul
 RT: 26.06 min Scan# 3906
 Delta R.T. -0.02 min
 Lab File: BM012601.D
 Acq: 31 Oct 2017 08:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	9.3	13.9#
277	36.5	19.9	29.9#

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#91
 Benzo(g,h,i)perylene
 Concen: 1.095 ng/ul
 RT: 26.78 min Scan# 4028
 Delta R.T. -0.02 min
 Lab File: BM012601.D
 Acq: 31 Oct 2017 08:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	8.5	12.7#
277	34.0	18.6	28.0#

