

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012598.D
 Acq On : 31 Oct 2017 05:58
 Operator : SJ/JU
 Sample : I5786-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-8(1.5-2.5)_101017

Manual Integrations
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 10/31/2017 7:47:41 PM

Quant Time: Oct 31 09:12:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	343993	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1329883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	779910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1757158	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2182067	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2447927	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	41488	6.16	ng/uL	0.00
5) Phenol-d5	7.03	99	858459	29.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	509360	29.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	692785	32.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	676688	27.55	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	336823	40.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	386942	45.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	740522	32.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	354836	14.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2131375	31.28	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2701995	33.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	308693	30.48	ng/ul	0.00
57) Fluorene-d10	15.48	176	1882796	32.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	121232	14.26	ng/ul	0.00
70) Anthracene-d10	17.33	188	2973379	35.51	ng/ul	0.00
76) Pyrene-d10	19.63	212	3523208	35.19	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.58	264	4073378	35.03	ng/ul	0.03
Target Compounds				Ovalue		
6) Phenol	7.06	94	131288	4.388	ng/ul#	82
44) Dimethylphthalate	13.95	163	1014183	15.048	ng/ul	99
47) Acenaphthylene	14.21	152	320503	4.167	ng/ul	96
69) Phenanthrene	17.27	178	2537232	26.701	ng/ul	98
71) Anthracene	17.37	178	541487m	5.513	ng/ul	
72) Carbazole	17.63	167	250996	3.085	ng/ul#	80
74) Fluoranthene	19.29	202	3641299	33.818	ng/ul#	91
77) Pyrene	19.66	202	3405930	27.448	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	1713165	13.111	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.32	149	306963	4.127	ng/ul#	90
82) Chrysene	21.44	228	1752212	15.082	ng/ul#	90
85) Benzo(b)fluoranthene	23.03	252	2469043	16.316	ng/ul#	80
86) Benzo(k)fluoranthene	23.07	252	812215m	5.703	ng/ul	
88) Benzo(a)pyrene	23.62	252	1621540	11.239	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.07	276	1623932	9.564	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.07	278	396185	2.752	ng/ul#	51
91) Benzo(g,h,i)perylene	26.80	276	1367464	9.937	ng/ul#	89

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

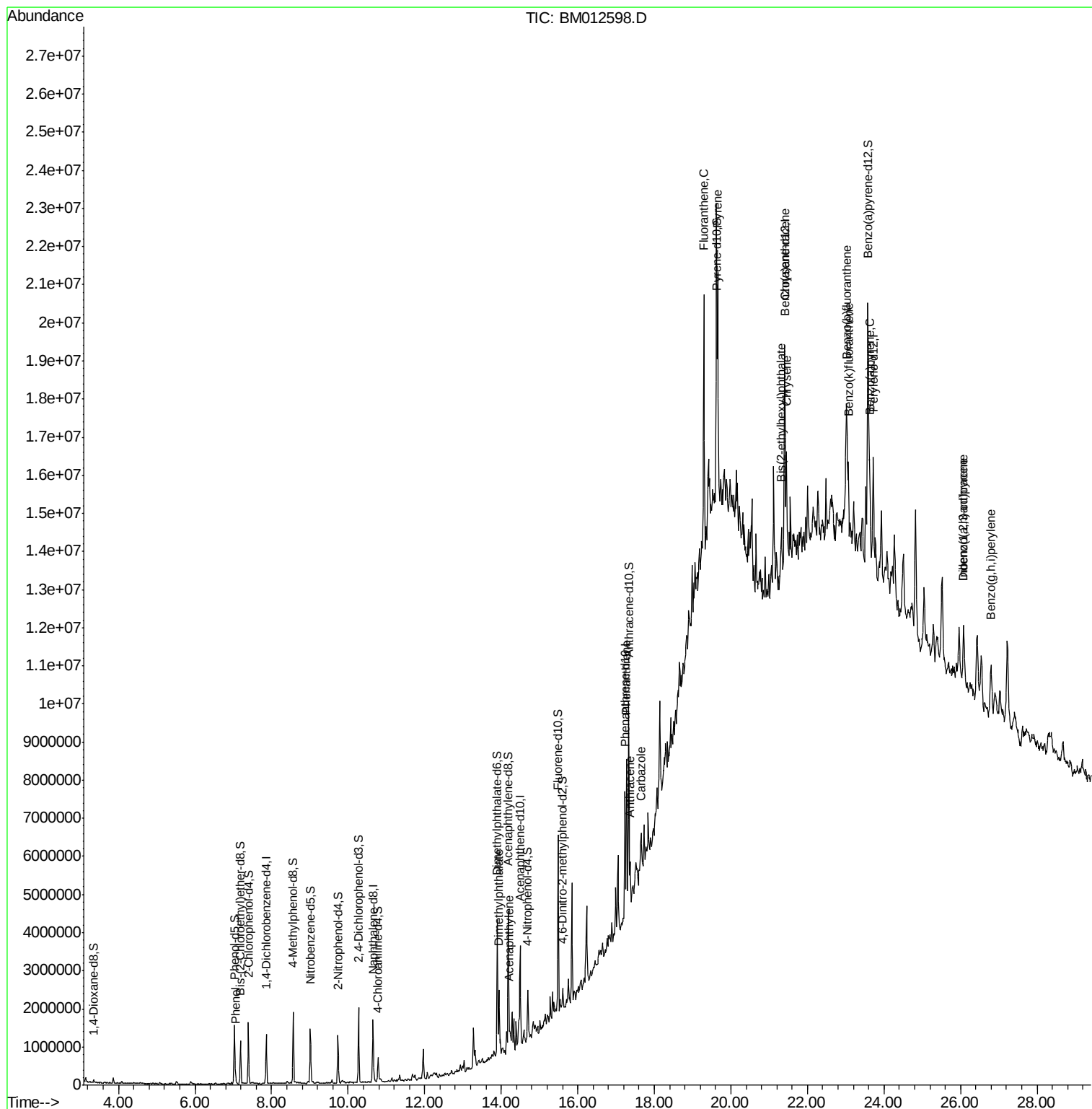
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012598.D
Acq On : 31 Oct 2017 05:58
Operator : SJ/JU
Sample : I5786-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

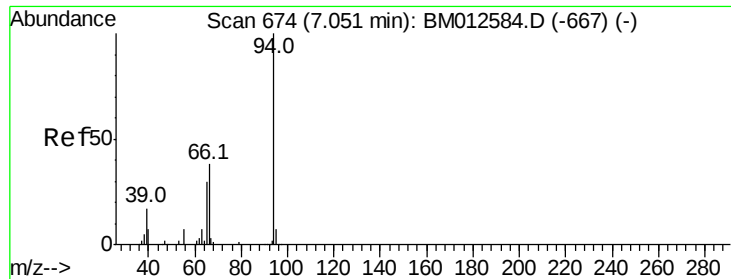
Instrument :
BNA_M
ClientSampleId :
B-8(1.5-2.5)_101017

Quant Time: Oct 31 09:12:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
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QLast Update : Tue Oct 31 04:46:13 2017
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#6

Phenol

Concen: 4.388 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion: 94 Resp: 131288

Ion Ratio Lower Upper

94 100

65 31.1 28.2 42.4

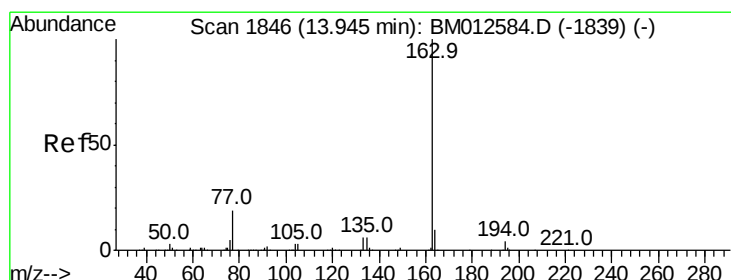
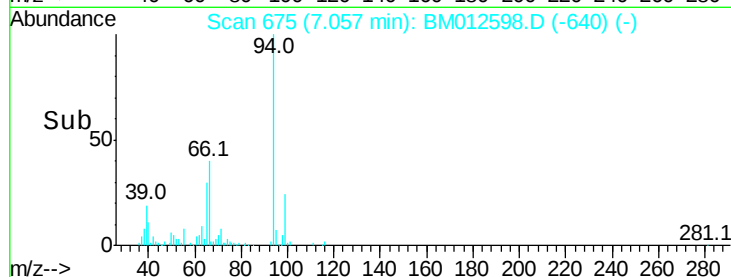
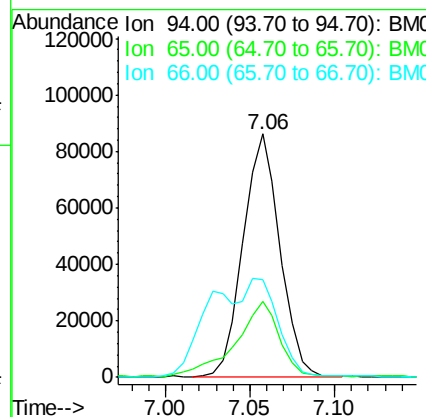
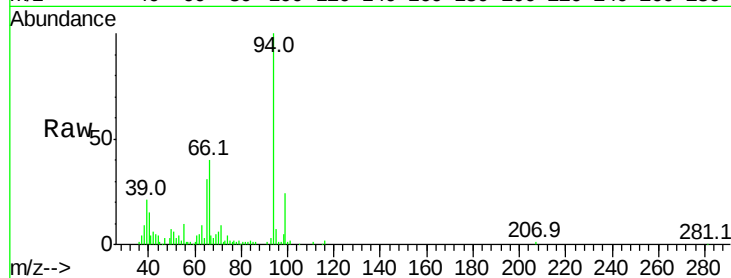
66 40.3 47.2 70.8#

Manual Integrations

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#44

Dimethylphthalate

Concen: 15.048 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

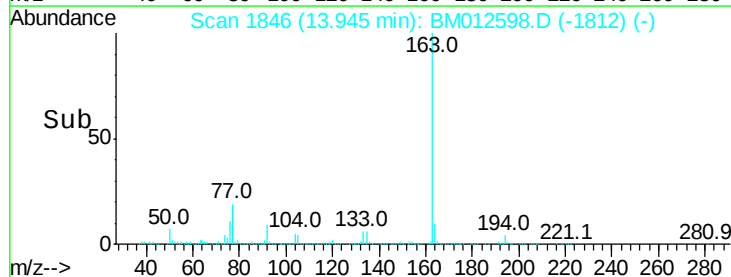
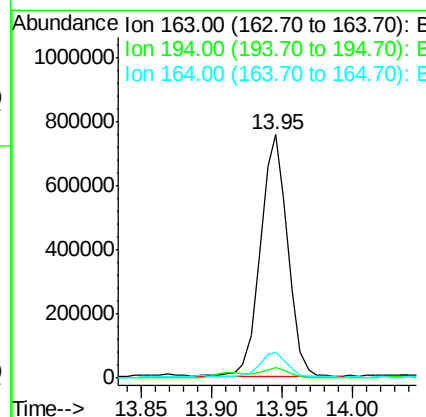
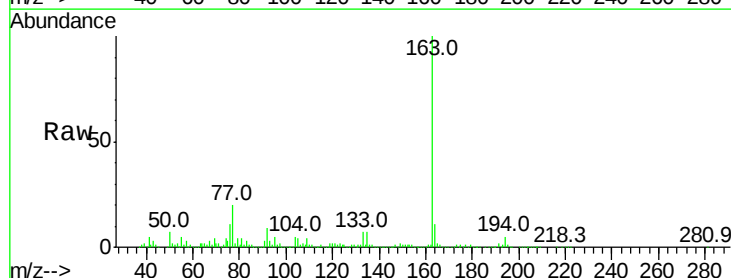
Tgt Ion: 163 Resp: 1014183

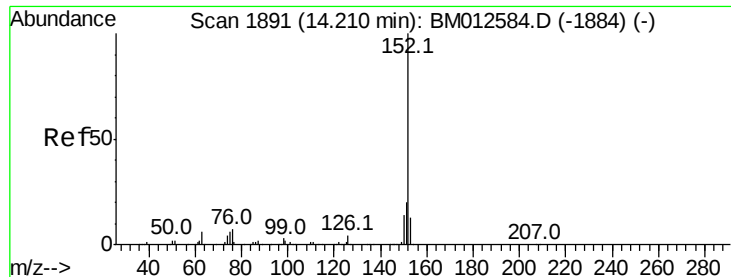
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.5 8.2 12.4





#47

Acenaphthylene

Concen: 4.167 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

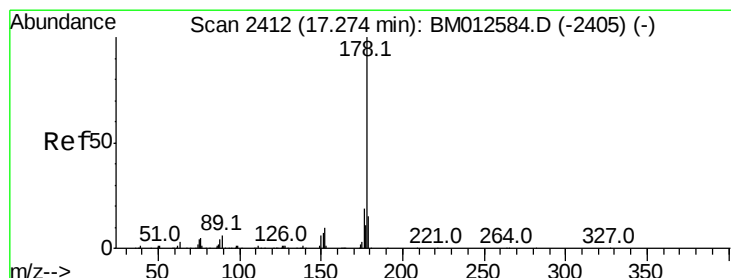
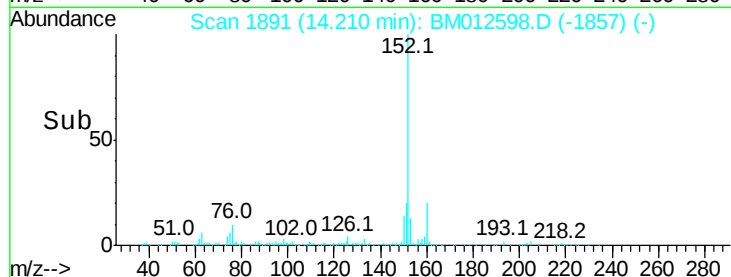
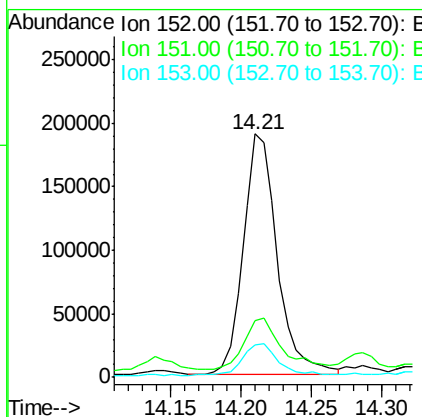
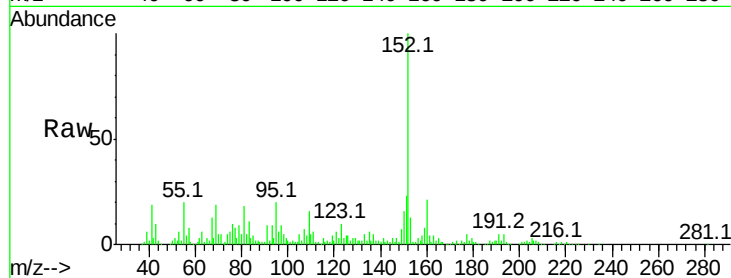
ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion:	152	Resp:	320503
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.3	24.5
153	13.5	10.2	15.4

Manual Integrations
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#69

Phenanthrene

Concen: 26.701 ng/ul

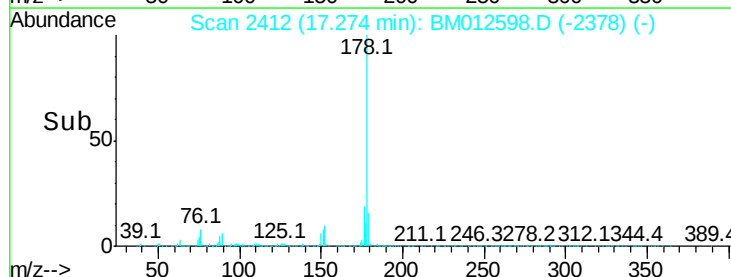
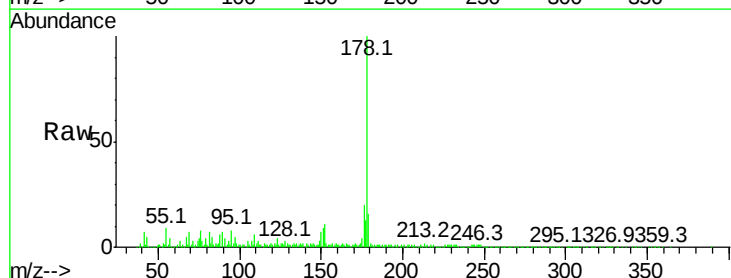
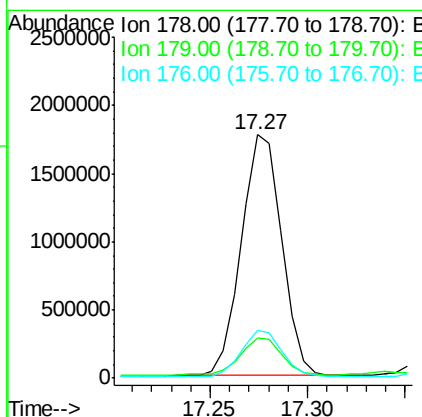
RT: 17.27 min Scan# 2412

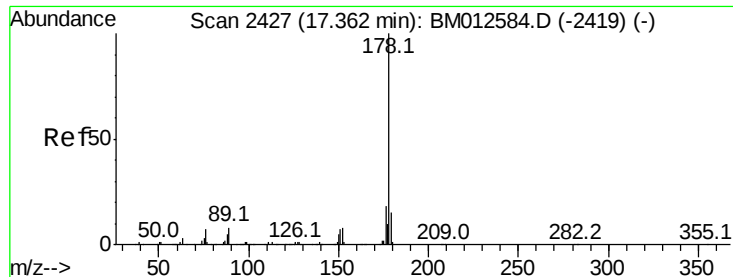
Delta R.T. 0.00 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Tgt Ion:	178	Resp:	2537232
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	19.0
176	19.7	14.9	22.3





#71

Anthracene

Concen: 5.513 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

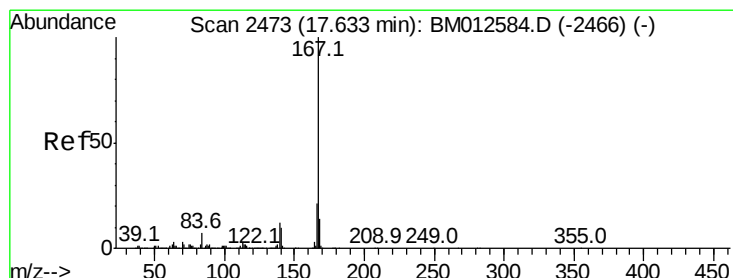
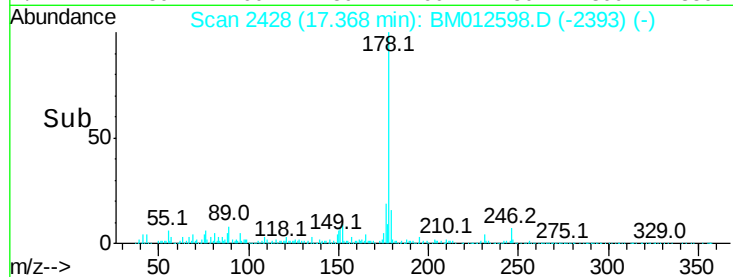
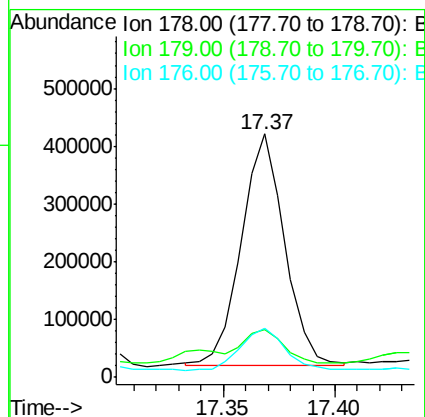
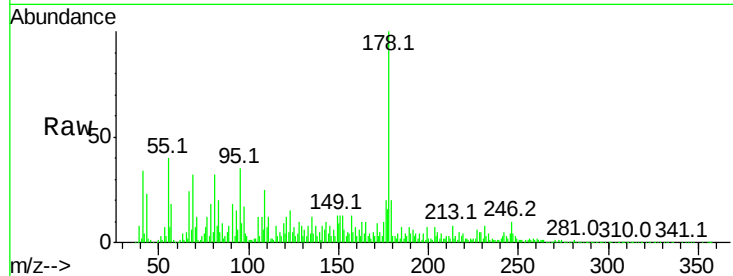
ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	11.7	17.5#
176	20.4	14.6	21.8

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#72

Carbazole

Concen: 3.085 ng/ul

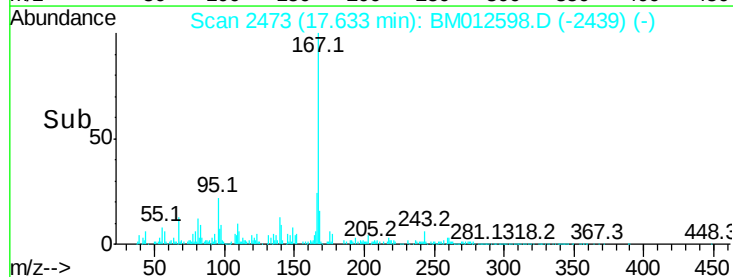
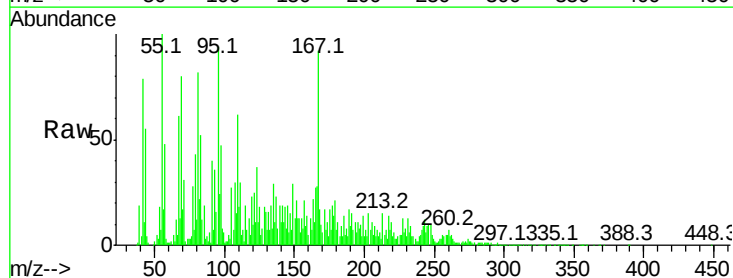
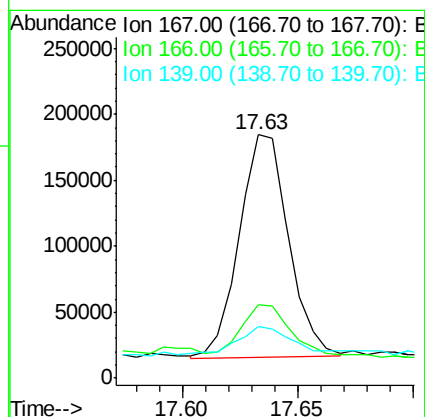
RT: 17.63 min Scan# 2473

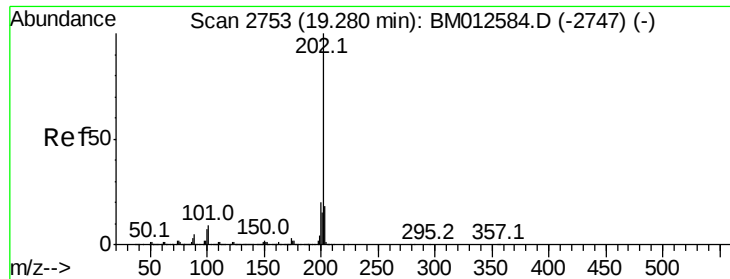
Delta R.T. 0.00 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	30.3	17.1	25.7#
139	21.0	10.0	15.0#





#74

Fluoranthene

Concen: 33.818 ng/ul

RT: 19.29 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

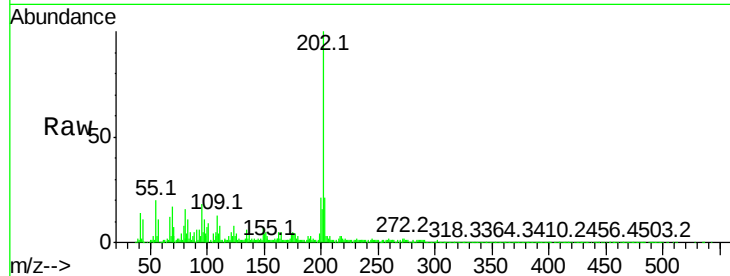
ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion:	202	Resp:	3641299
Ion Ratio	Lower	Upper	
202	100		
101	9.0	4.6	7.0#
100	6.9	3.4	5.2#

Manual Integrations
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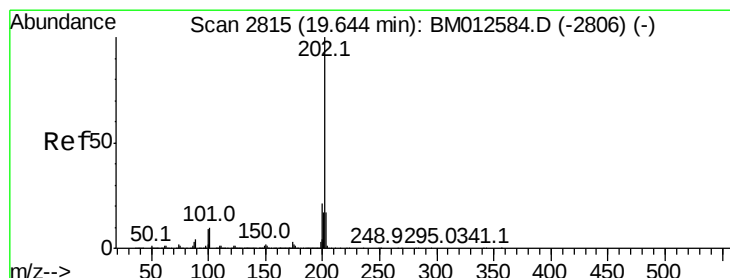
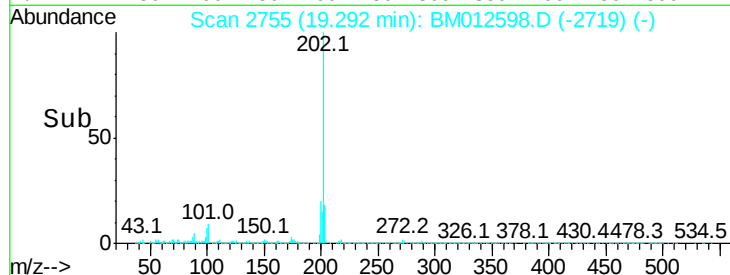
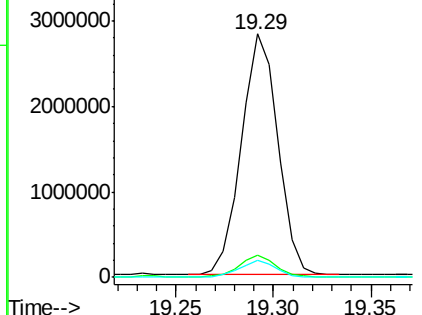
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 27.448 ng/ul

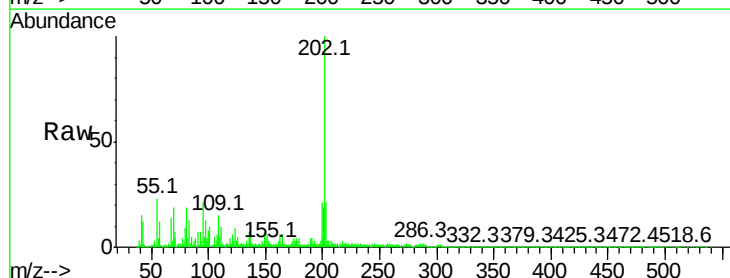
RT: 19.66 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

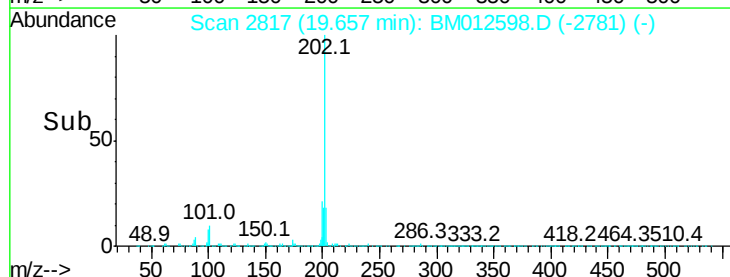
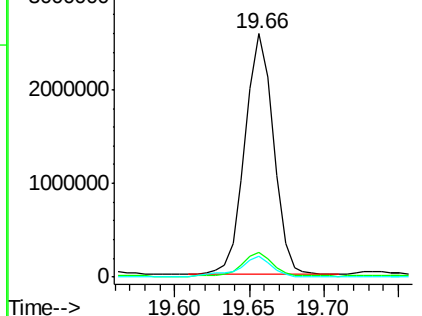
Tgt Ion:	202	Resp:	3405930
Ion Ratio	Lower	Upper	
202	100		
101	10.4	5.1	7.7#
100	8.5	4.9	7.3#

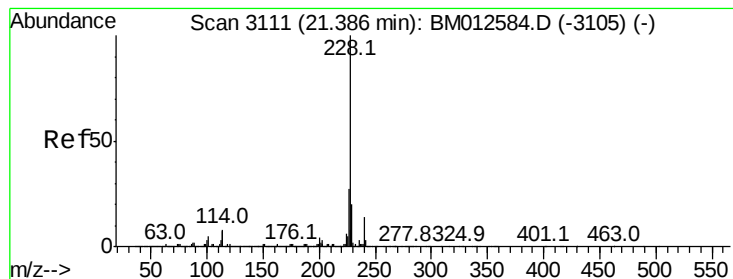


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 13.111 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion:228 Resp: 1713165

Ion Ratio Lower Upper

228 100

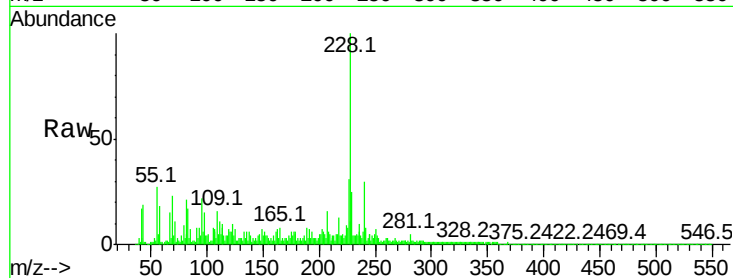
229 25.1 15.4 23.0#

226 30.6 21.4 32.0

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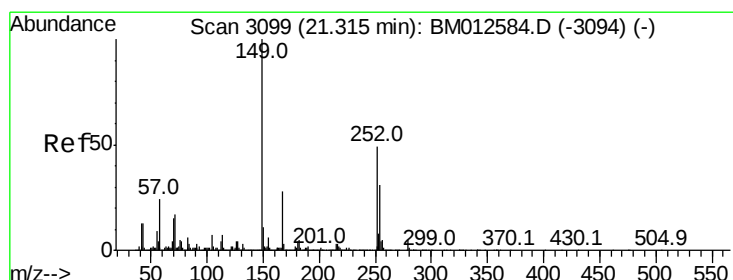
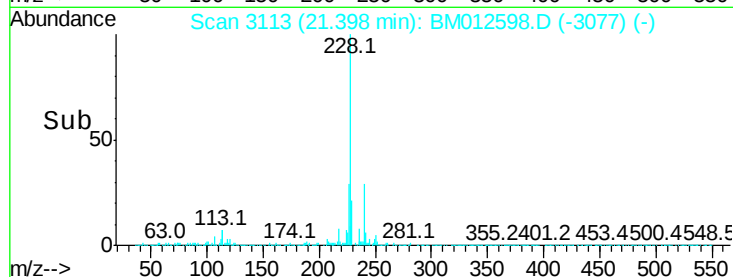
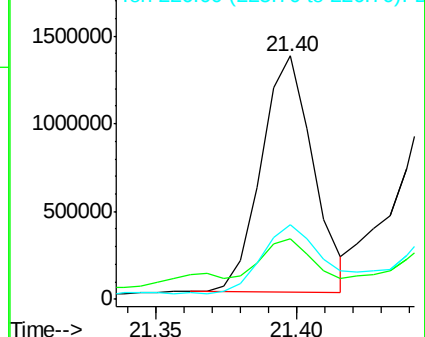
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 4.127 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

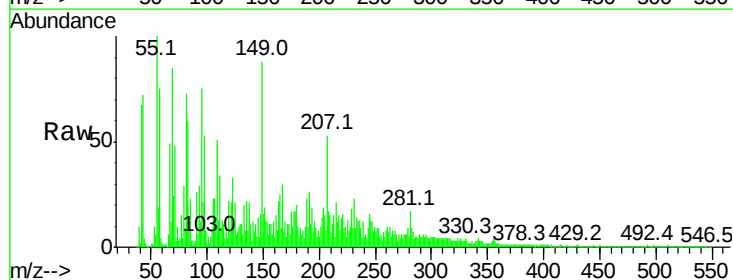
Tgt Ion:149 Resp: 306963

Ion Ratio Lower Upper

149 100

167 33.8 22.8 34.2

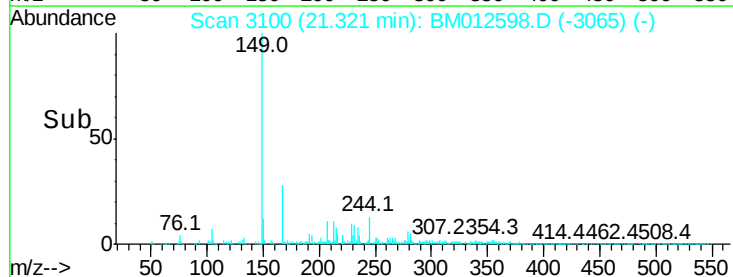
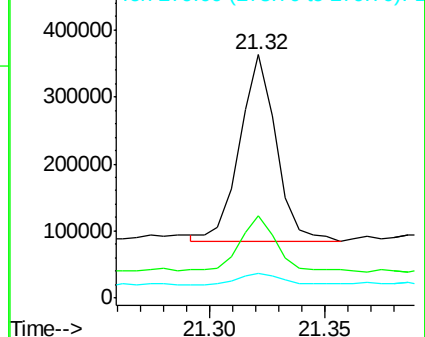
279 10.0 4.9 7.3#

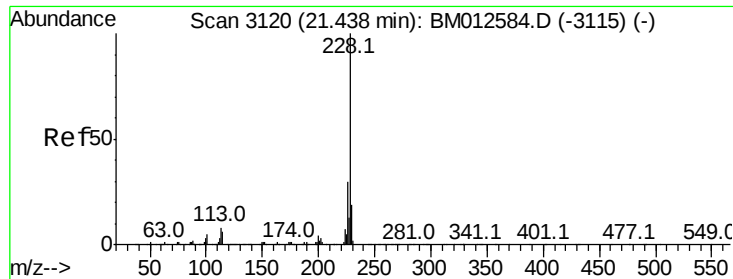


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





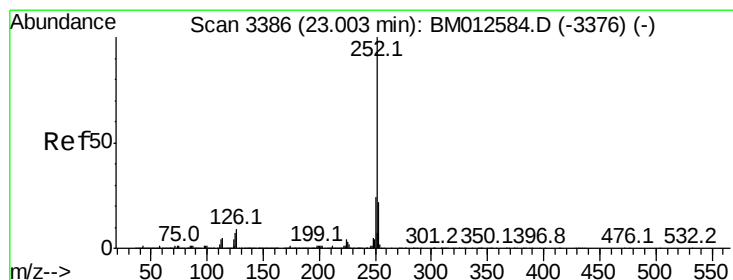
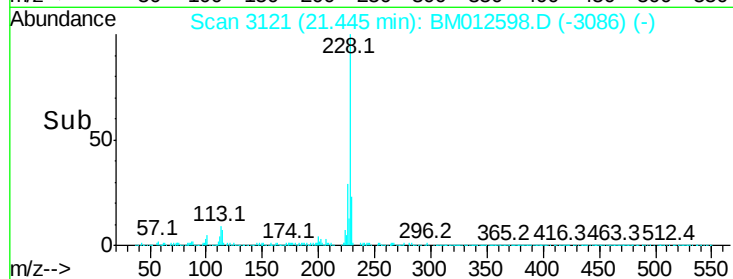
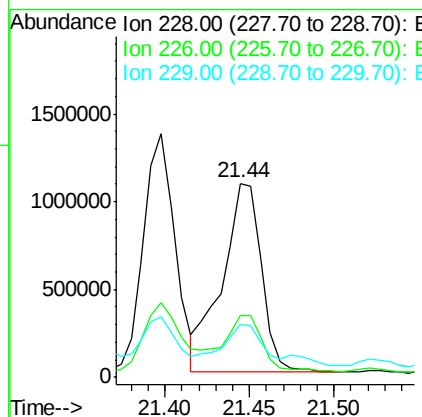
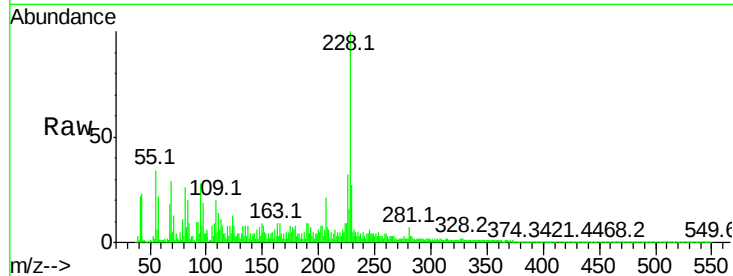
#82
Chrysene
Concen: 15.082 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BM012598.D
Acq: 31 Oct 2017 05:58

Instrument :
BNA_M
ClientSampleId :
B-8(1.5-2.5)_101017

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	27.5	15.5	23.3

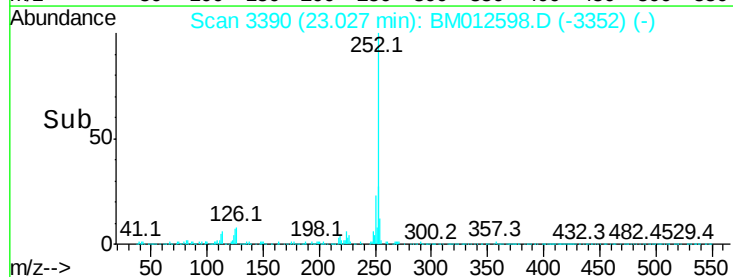
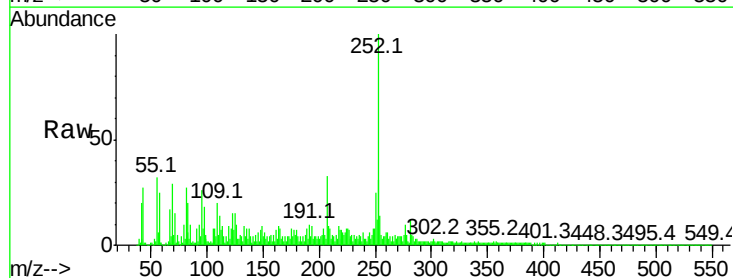
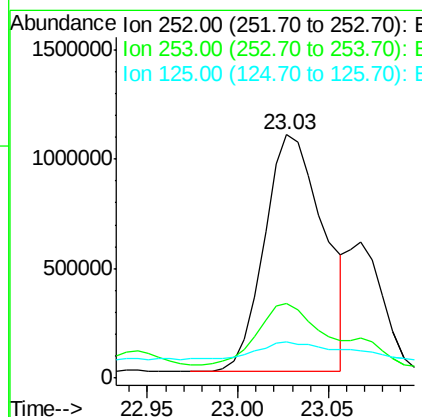
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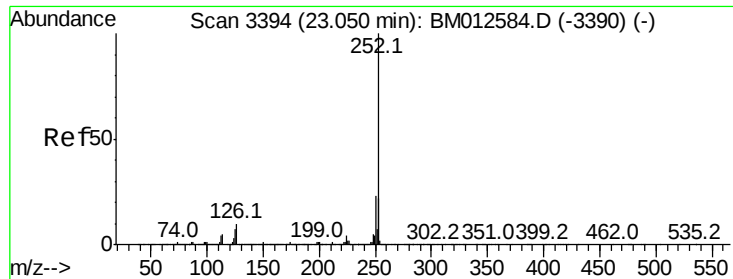
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#85
Benzo(b)fluoranthene
Concen: 16.316 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.02 min
Lab File: BM012598.D
Acq: 31 Oct 2017 05:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.9	26.9
125	14.7	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 5.703 ng/ul m

RT: 23.07 min Scan# 3397

Delta R.T. 0.02 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

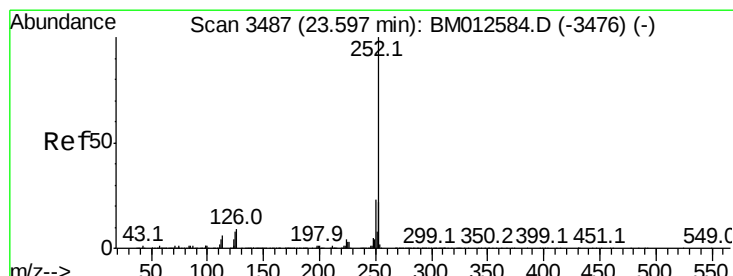
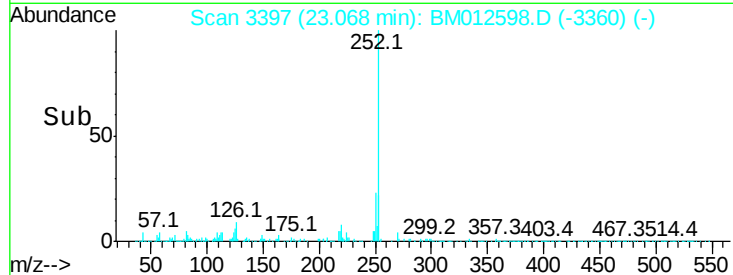
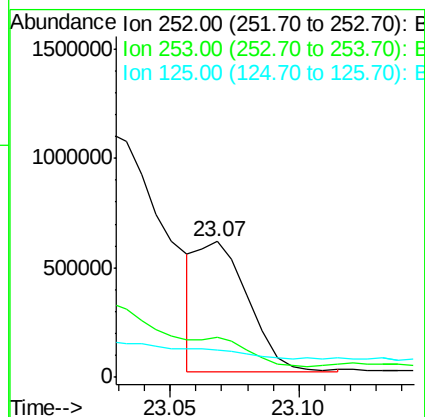
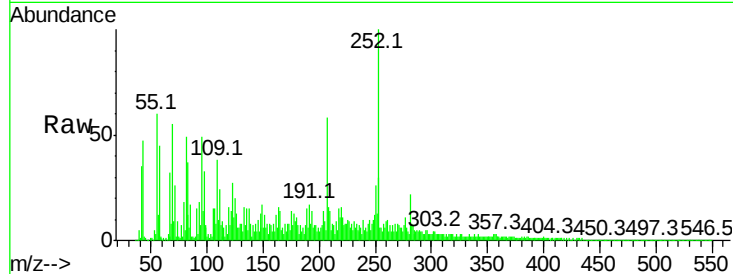
Instrument :
BNA_M

ClientSampleId :
B-8(1.5-2.5)_101017

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.8	17.1	25.7#
125	20.0	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 11.239 ng/ul

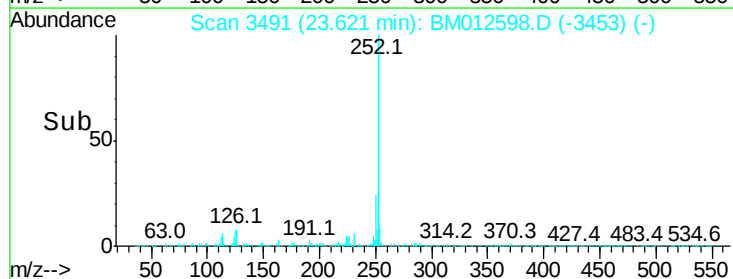
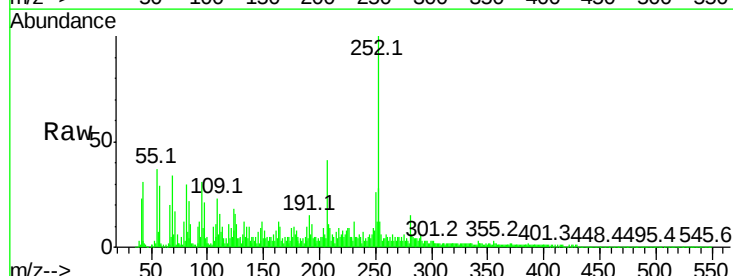
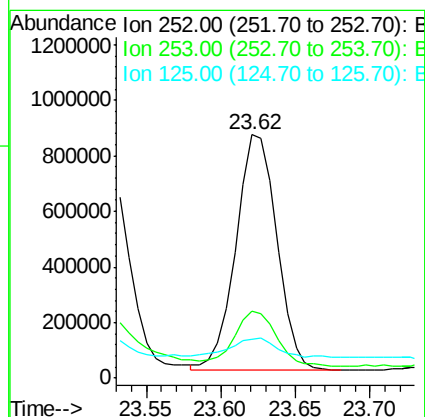
RT: 23.62 min Scan# 3491

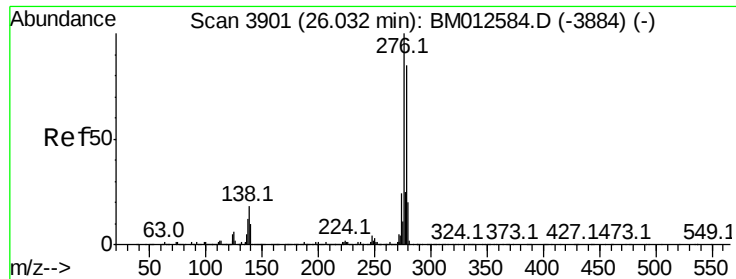
Delta R.T. 0.02 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.6	18.2	27.2#
125	16.0	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 9.564 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. 0.04 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Instrument :

BNA_M

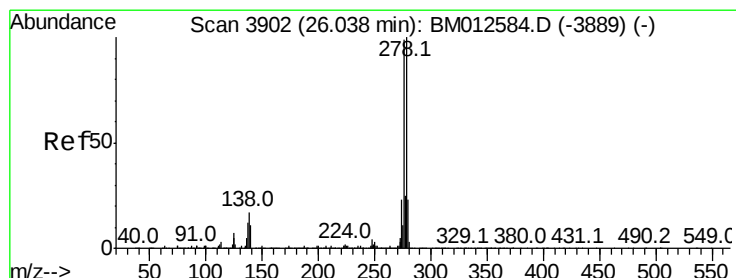
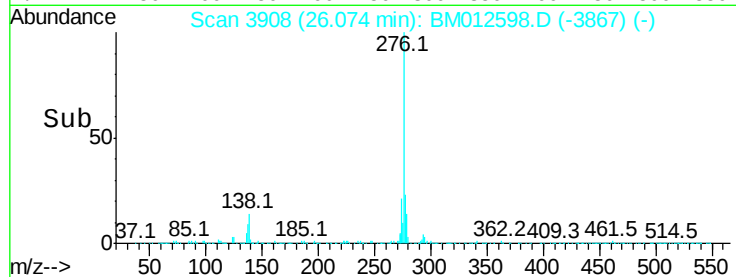
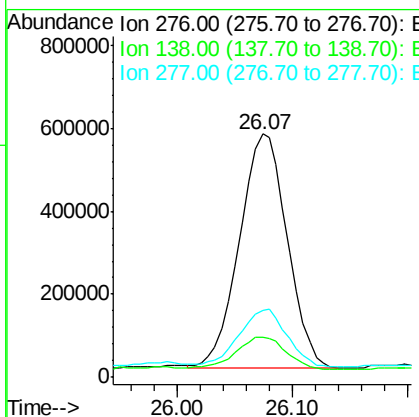
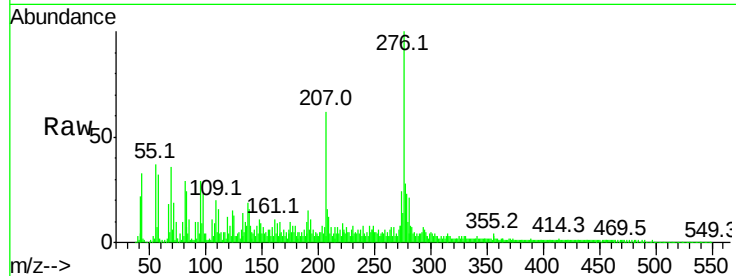
ClientSampleId :

B-8(1.5-2.5)_101017

Tot Ion:	276	Resp:	1623932
Ion Ratio	Lower	Upper	
276	100		
138	16.4	9.3	13.9#
277	27.6	19.9	29.9

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#90

Dibenzo(a,h)anthracene

Concen: 2.752 ng/ul

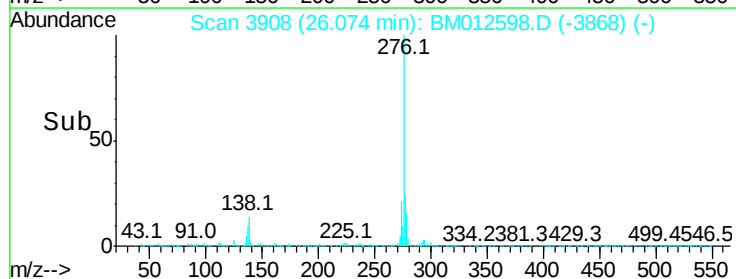
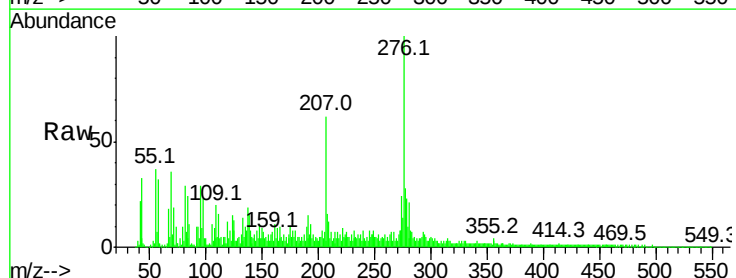
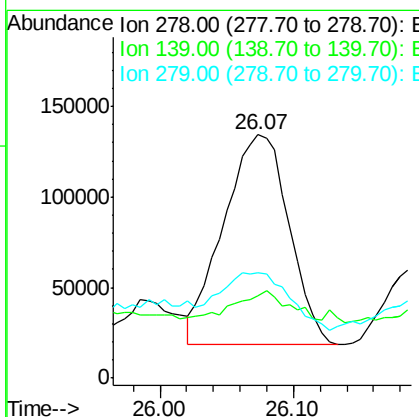
RT: 26.07 min Scan# 3908

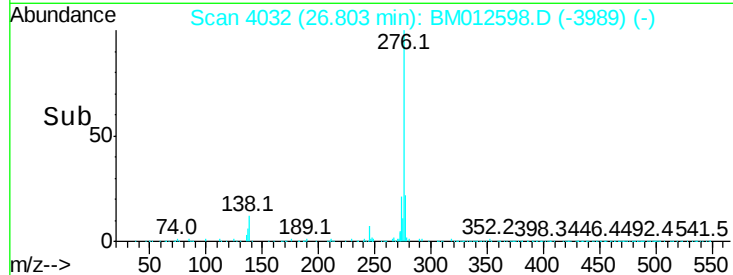
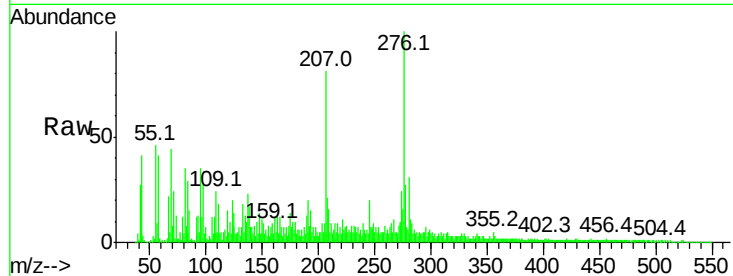
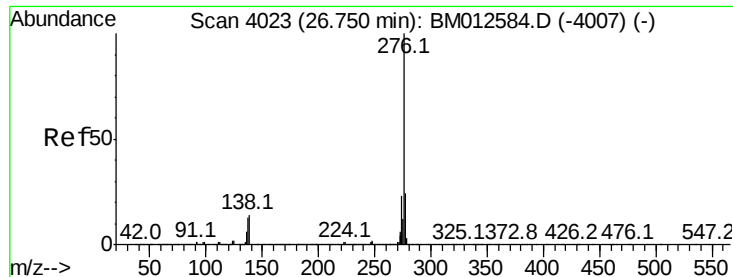
Delta R.T. 0.04 min

Lab File: BM012598.D

Acq: 31 Oct 2017 05:58

Tgt Ion:	278	Resp:	396185
Ion Ratio	Lower	Upper	
278	100		
139	33.7	5.8	8.8#
279	43.2	18.6	27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 9.937 ng/ul
 RT: 26.80 min Scan# 4032
 Delta R.T. 0.05 min
 Lab File: BM012598.D
 Acq: 31 Oct 2017 05:58

Instrument :
 BNA_M
 ClientSampleId :
 B-8(1.5-2.5)_101017

Tot Ion:276	Resp: 1367464
Ion Ratio	Lower Upper
276 100	
138 17.0	8.5 12.7#
277 27.3	18.6 28.0

Manual Integrations
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