

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012844.D
 Acq On : 09 Nov 2017 09:07
 Operator : SJ/JU
 Sample : I6096-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-52(1-3)-102317

Manual Integrations
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Quant Time: Nov 09 12:55:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	128736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	535210	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	325604	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	686652	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	617550	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	672466	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	9879	4.15	ng/uL	0.00
5) Phenol-d5	6.98	99	237321	24.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	130434	25.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	207189	25.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	198594	24.02	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	103434	26.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	109581	24.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	229863	24.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	61136	6.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	700933	26.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	836465	25.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	82160	19.03	ng/ul	0.00
57) Fluorene-d10	15.43	176	603292	26.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	10449	2.30	ng/ul	0.00
70) Anthracene-d10	17.29	188	870946	26.25	ng/ul	0.00
78) Pyrene-d10	19.58	212	787002	27.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	824136	25.92	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.01	94	24701	2.512	ng/ul#	88
28) Naphthalene	10.64	128	83166	3.108	ng/ul	98
42) 2-Nitroaniline	13.53	65	10128	2.015	ng/ul	95
44) Dimethylphthalate	13.90	163	176861	6.615	ng/ul	99
64) N-Nitrosodiphenylamine	15.70	169	23823	1.149	ng/ul	98
69) Phenanthrene	17.23	178	573096	15.270	ng/ul	99
71) Anthracene	17.32	178	142147	3.653	ng/ul	99
76) Fluoranthene	19.24	202	1135339	25.174	ng/ul#	94
79) Pyrene	19.61	202	1029408	27.939	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	675289	18.071	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	80535	4.114	ng/ul#	92
84) Chrysene	21.41	228	600678	17.736	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	900425	21.911	ng/ul	94
88) Benzo(k)fluoranthene	23.01	252	293100m	7.503	ng/ul	
90) Benzo(a)pyrene	23.57	252	646820m	16.541	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.99	276	492680	10.454	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.99	278	140822	3.530	ng/ul#	88
93) Benzo(g,h,i)perylene	26.71	276	425230	10.950	ng/ul#	89

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

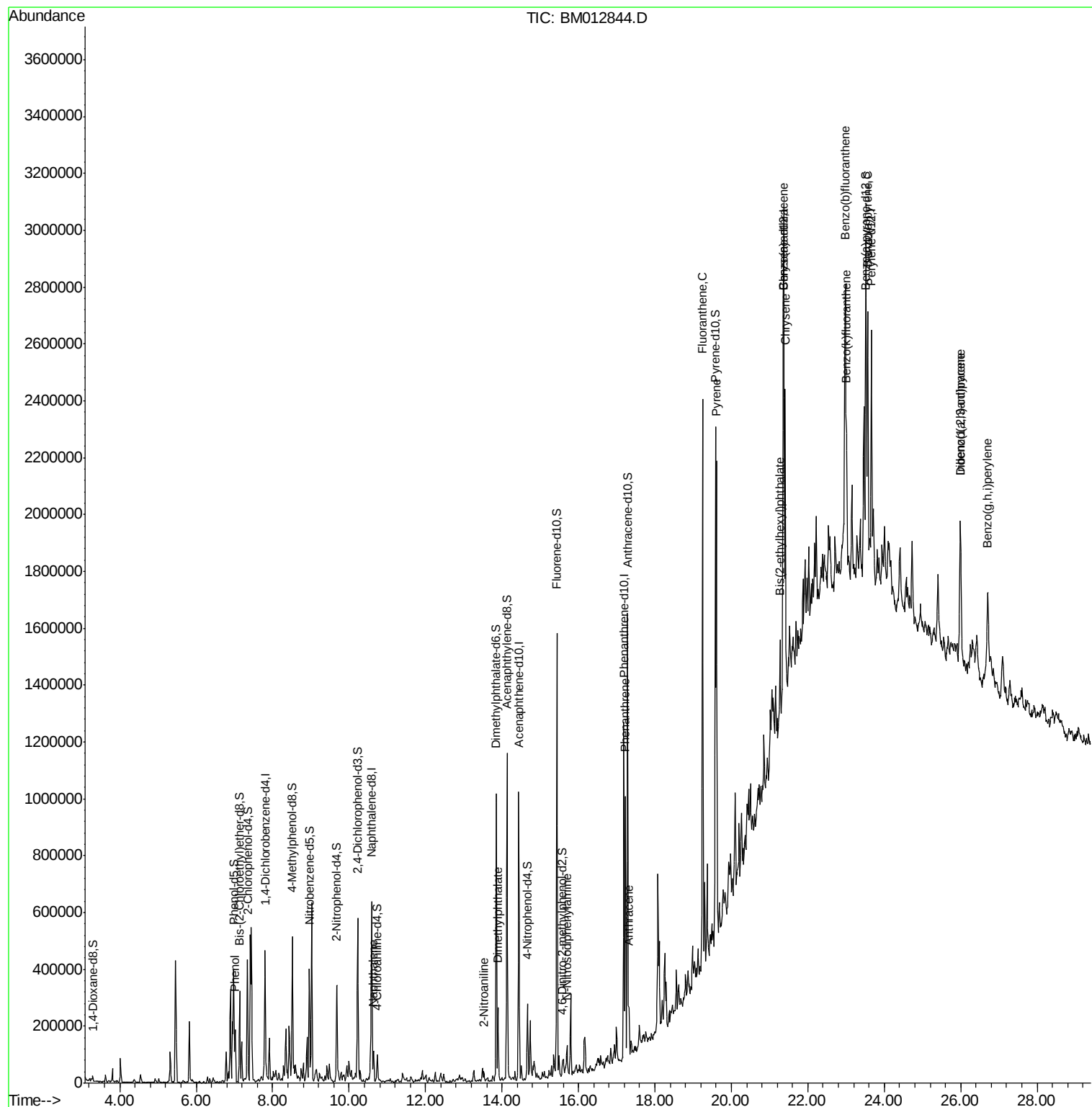
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012844.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

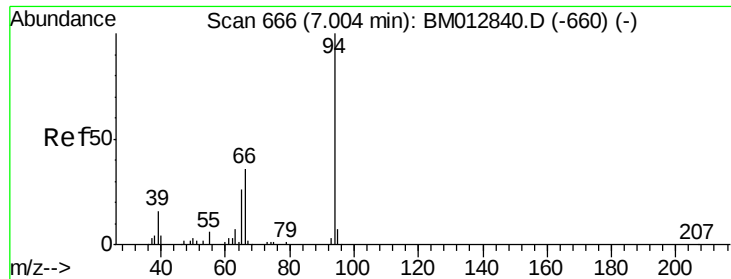
Instrument :
BNA_M
ClientSampleId :
B-52(1-3)-102317

Quant Time: Nov 09 12:55:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
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QLast Update : Thu Nov 09 05:48:58 2017
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#6

Phenol

Concen: 2.512 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Instrument :

BNA_M

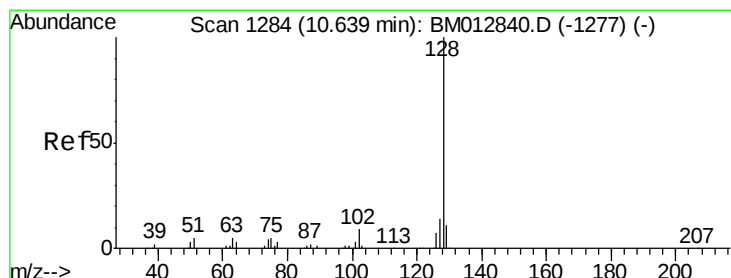
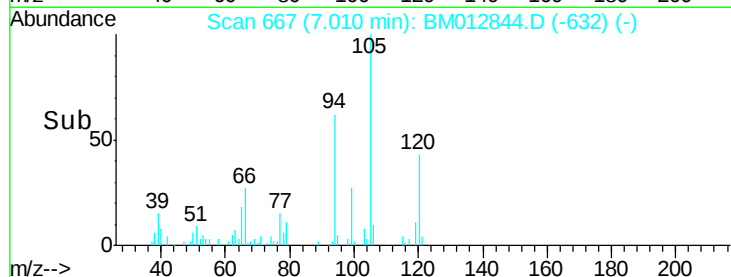
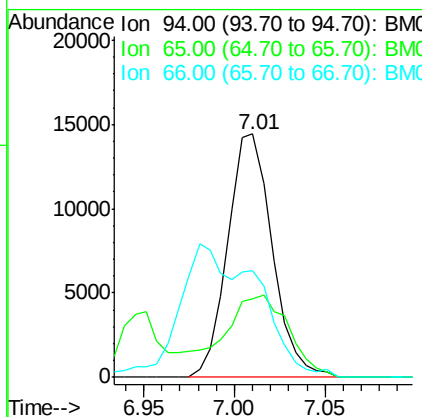
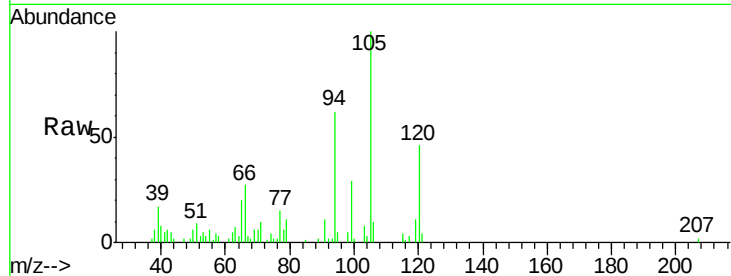
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	94	Resp:	24701
Ion Ratio	Lower	Upper	
94	100		
65	32.4	21.0	31.6#
66	43.8	29.3	43.9

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#28

Naphthalene

Concen: 3.108 ng/ul

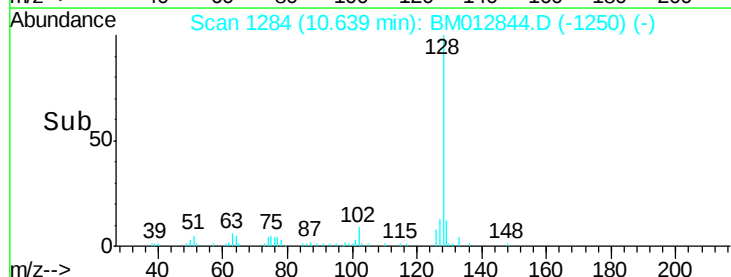
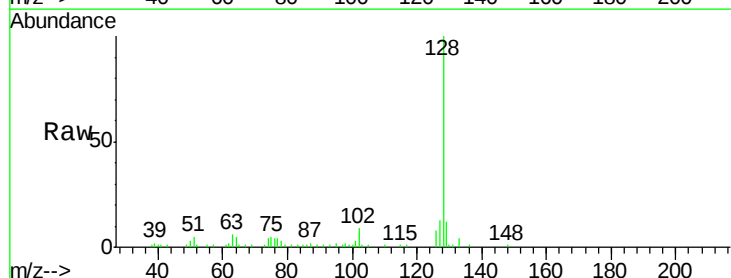
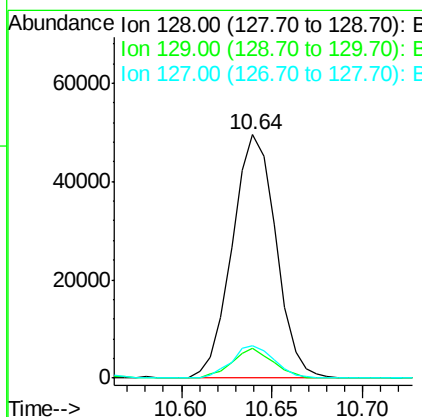
RT: 10.64 min Scan# 1284

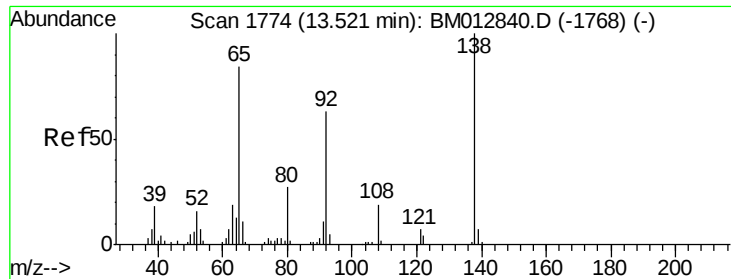
Delta R.T. 0.00 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Tgt Ion:	128	Resp:	83166
Ion Ratio	Lower	Upper	
128	100		
129	12.2	8.8	13.2
127	13.3	10.5	15.7





#42

2-Nitroaniline

Concen: 2.015 ng/ul

RT: 13.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Instrument :

BNA_M

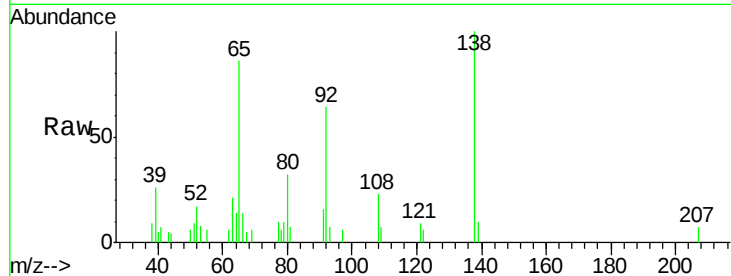
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	65	Resp:	10128
Ion Ratio	Lower	Upper	
65	100		
92	74.8	60.4	90.6
138	116.7	99.8	149.6

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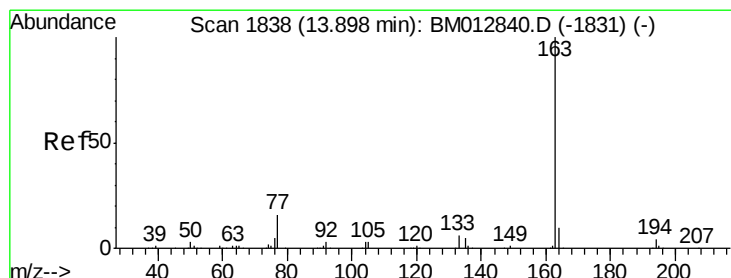
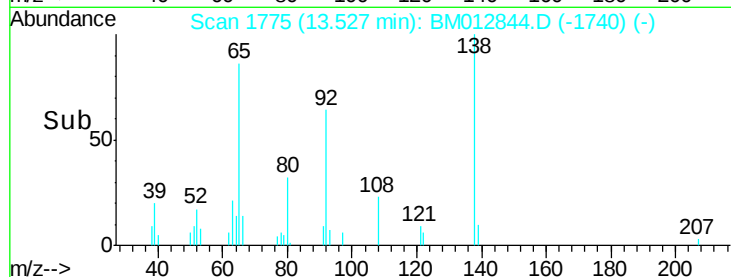
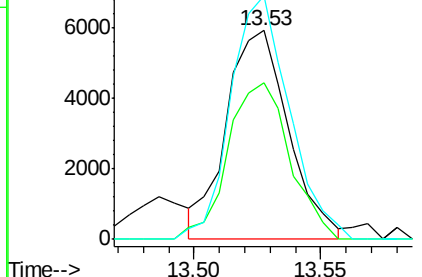
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Abundance Ion 65.00 (64.70 to 65.70): BM012844.D (-1768) (-)

Ion 92.00 (91.70 to 92.70): BM012844.D (-1768) (-)

Ion 138.00 (137.70 to 138.70): BM012844.D (-1768) (-)



#44

Dimethylphthalate

Concen: 6.615 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM012844.D

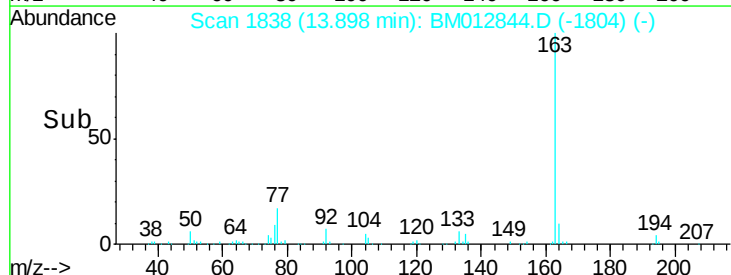
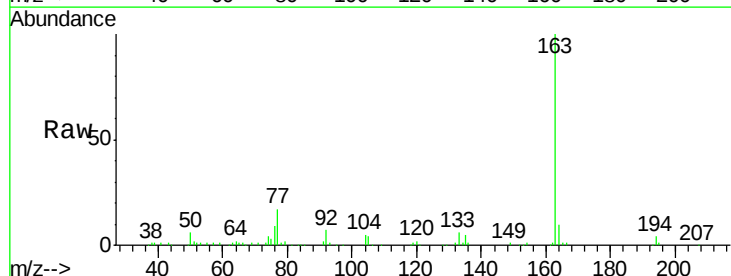
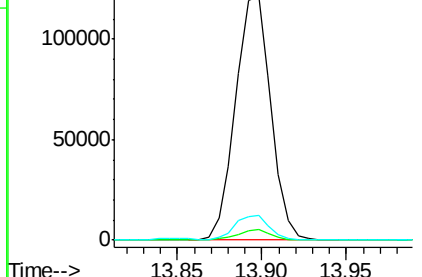
Acq: 09 Nov 2017 09:07

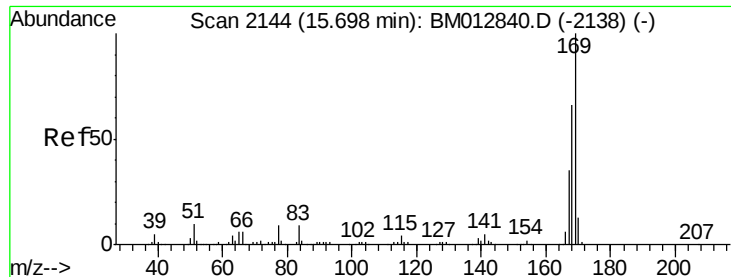
Tgt Ion:	163	Resp:	176861
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.3	7.8	11.8

Abundance Ion 163.00 (162.70 to 163.70): BM012844.D (-1804) (-)

Ion 194.00 (193.70 to 194.70): BM012844.D (-1804) (-)

Ion 164.00 (163.70 to 164.70): BM012844.D (-1804) (-)





#64

N-Nitrosodiphenylamine

Concen: 1.149 ng/ul

RT: 15.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Instrument :

BNA_M

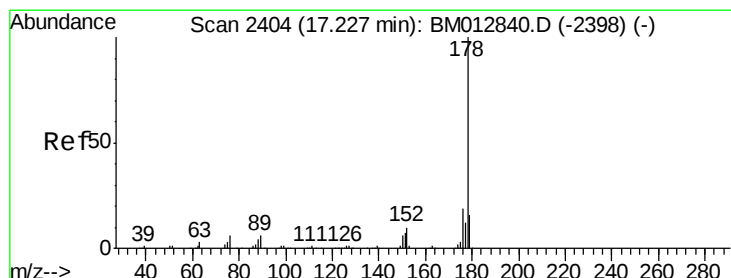
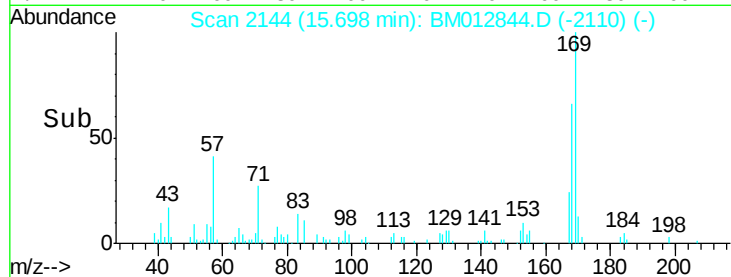
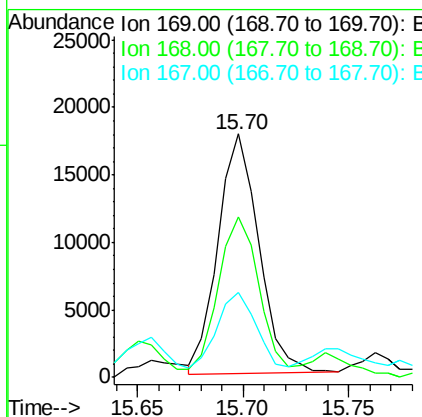
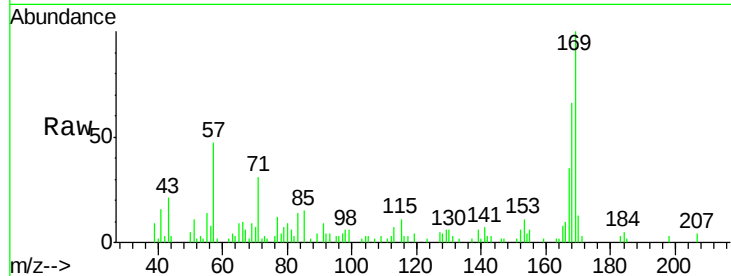
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	169	Resp:	23823
Ion Ratio	Lower	Upper	
169	100		
168	65.8	53.8	80.8
167	34.6	29.3	43.9

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#69

Phenanthrene

Concen: 15.270 ng/ul

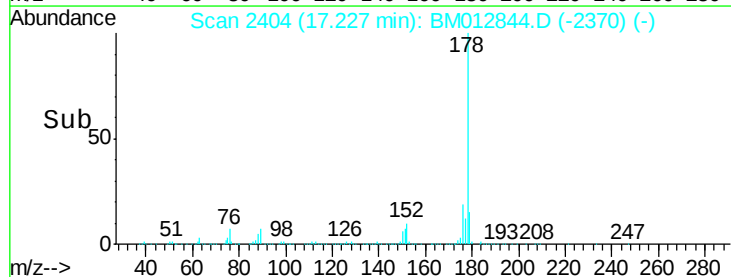
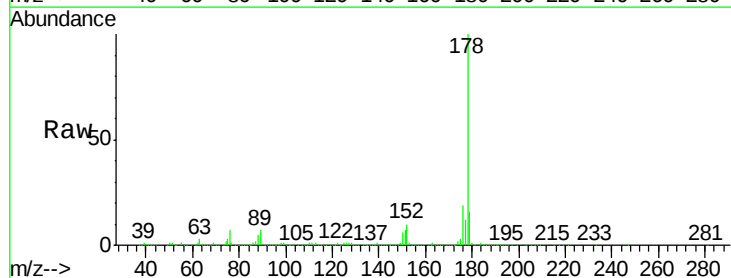
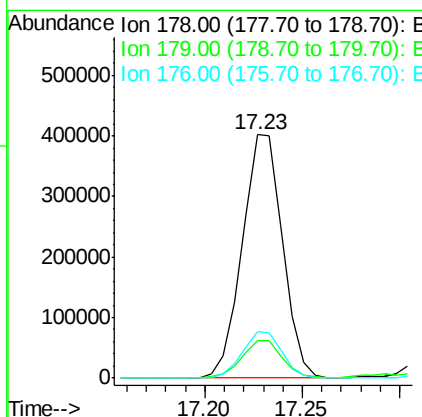
RT: 17.23 min Scan# 2404

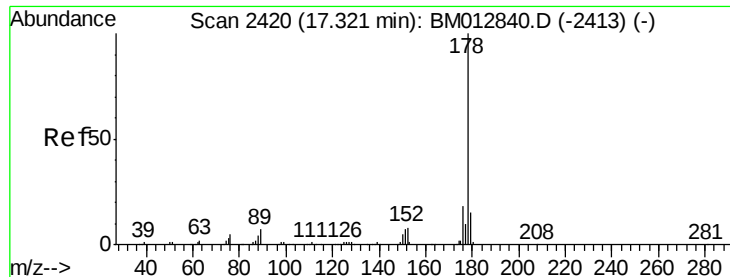
Delta R.T. 0.00 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Tgt Ion:	178	Resp:	573096
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	19.1	15.6	23.4





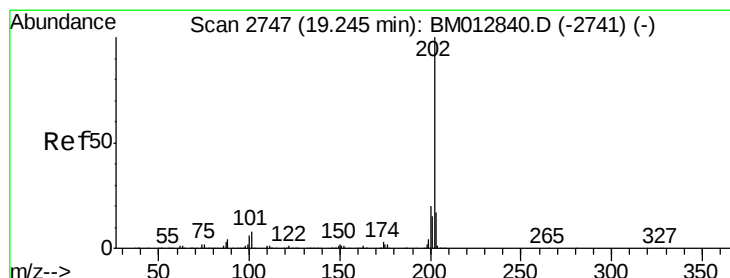
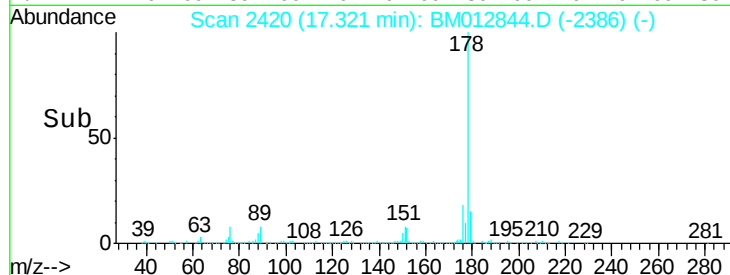
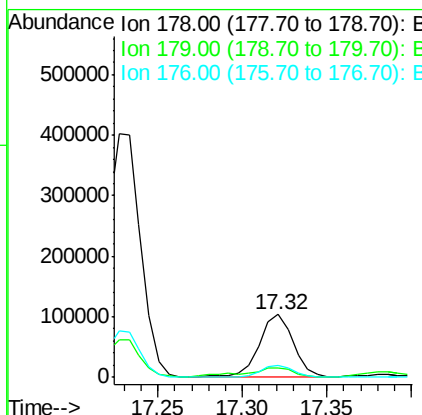
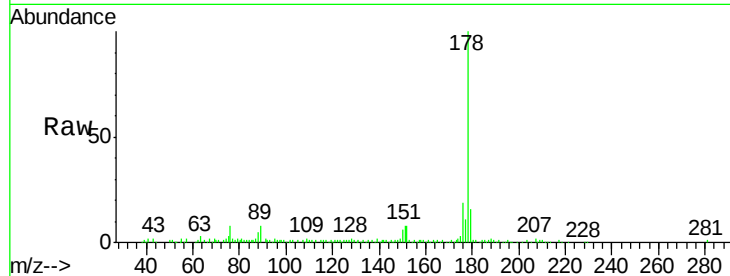
#71
 Anthracene
 Concen: 3.653 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM012844.D
 Acq: 09 Nov 2017 09:07

Instrument :
 BNA_M
 ClientSampleId :
 B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.5	14.8	22.2

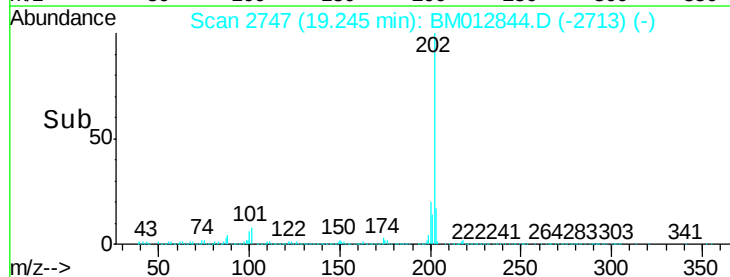
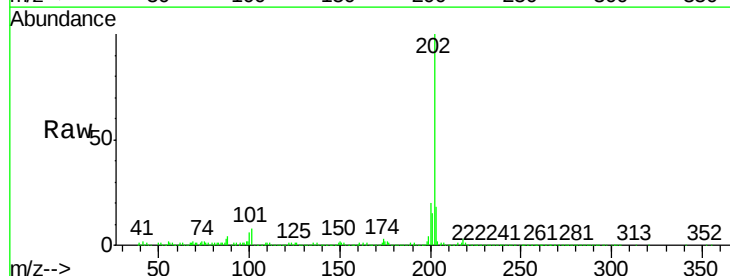
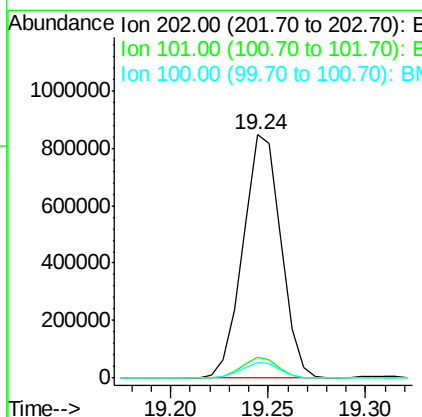
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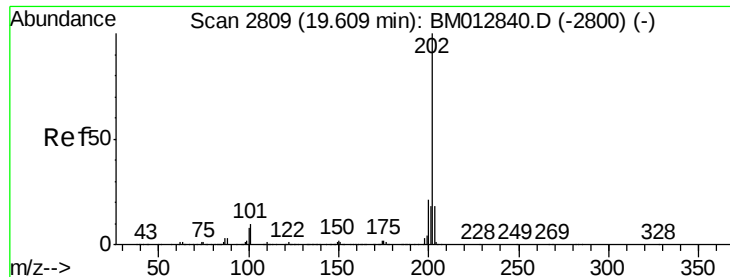
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#76
 Fluoranthene
 Concen: 25.174 ng/ul
 RT: 19.24 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM012844.D
 Acq: 09 Nov 2017 09:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.8	13.2#
100	6.5	6.6	9.8#





#79

Pyrene

Concen: 27.939 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Instrument :

BNA_M

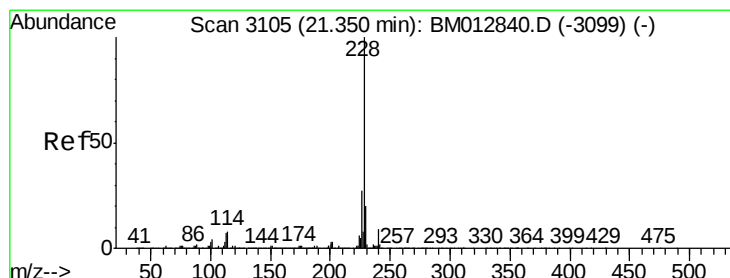
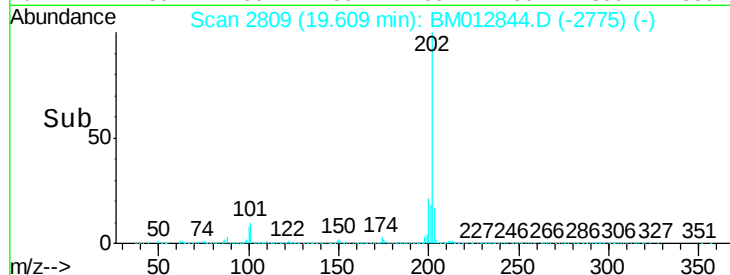
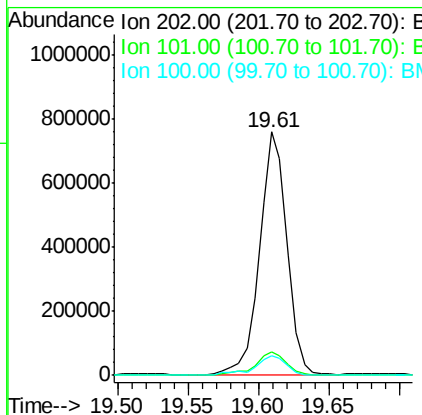
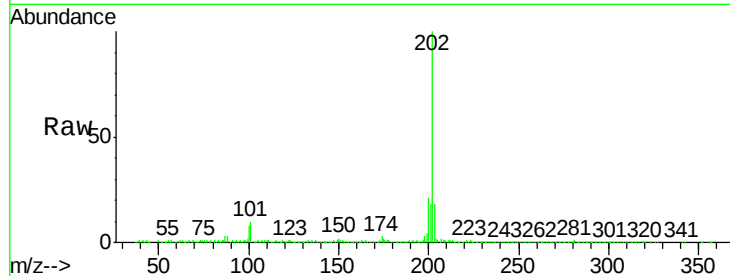
ClientSampleId :

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Tgt Ion:	202	Resp:	1029408
Ion Ratio	Lower	Upper	
202	100		
101	9.9	10.2	15.2#
100	8.1	8.5	12.7#

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#82

Benzo(a)anthracene

Concen: 18.071 ng/ul

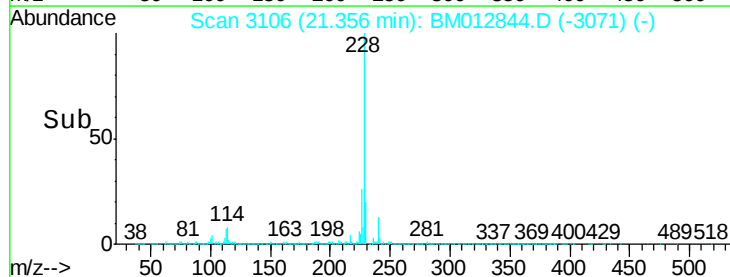
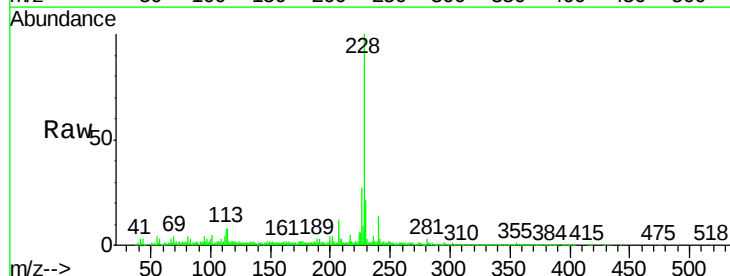
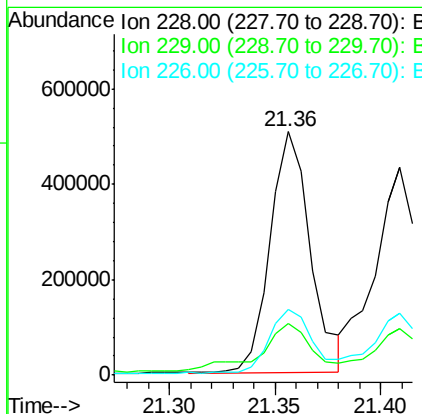
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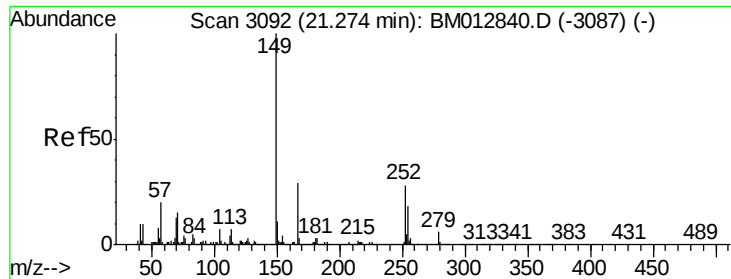
Delta R.T. 0.01 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Tgt Ion:	228	Resp:	675289
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.7	23.5
226	26.8	21.8	32.6





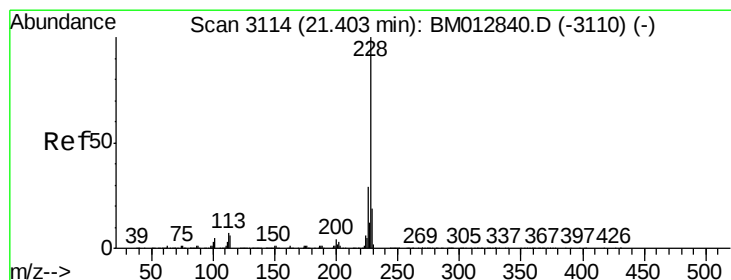
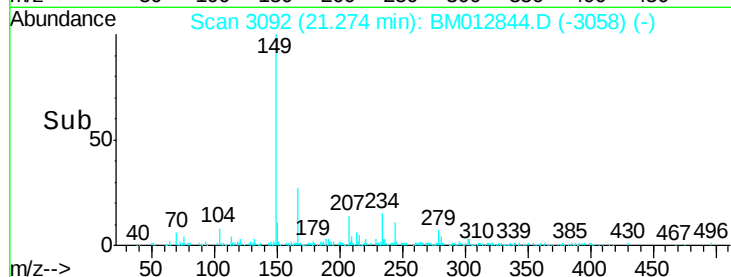
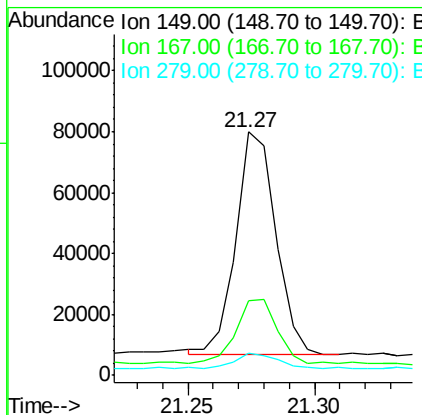
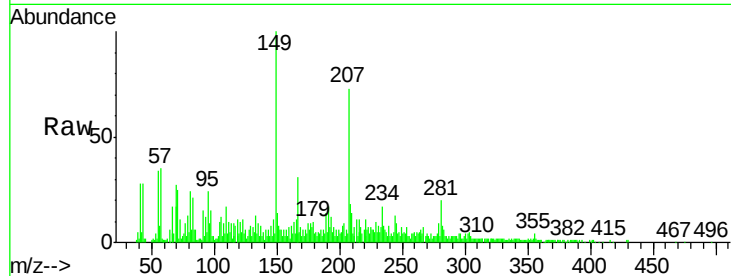
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.114 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM012844.D
 Acq: 09 Nov 2017 09:07

Instrument :
 BNA_M
 ClientSampleId :
 B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.6	32.4
279	9.3	3.0	4.4

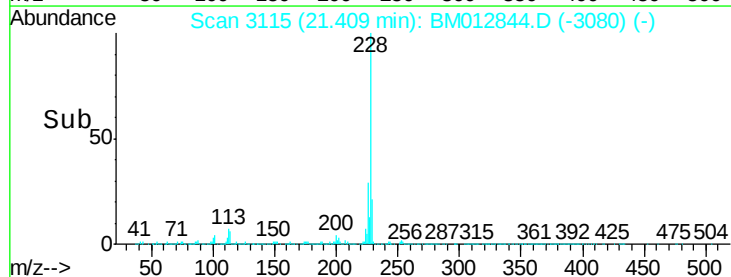
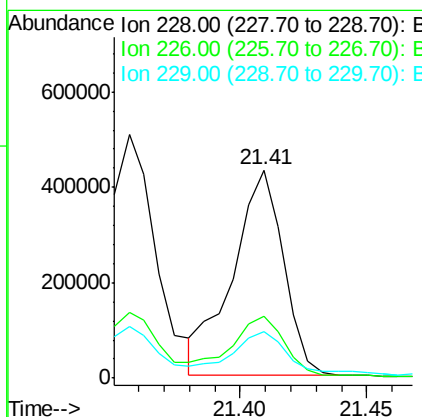
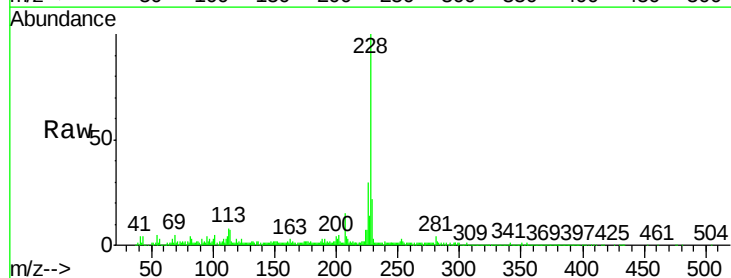
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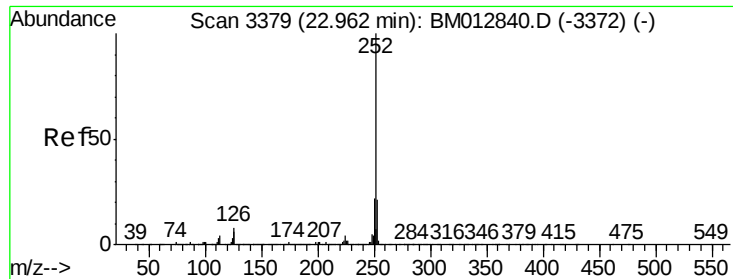
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#84
 Chrysene
 Concen: 17.736 ng/ul
 RT: 21.41 min Scan# 3115
 Delta R.T. 0.01 min
 Lab File: BM012844.D
 Acq: 09 Nov 2017 09:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	22.3	15.6	23.4





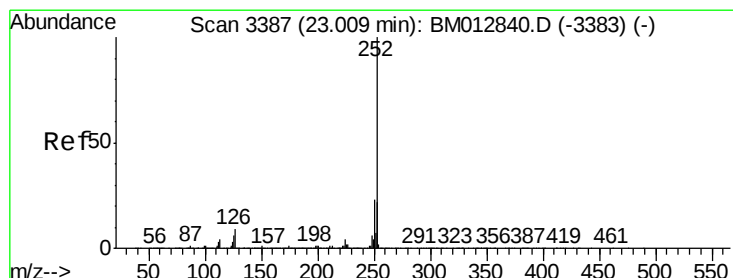
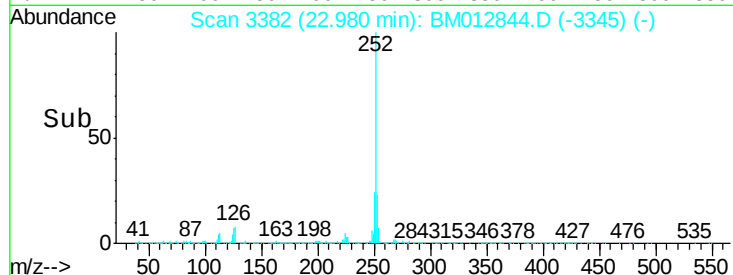
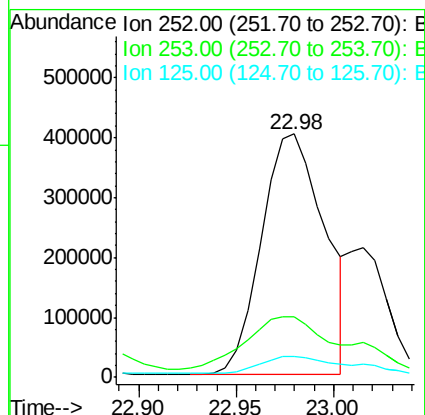
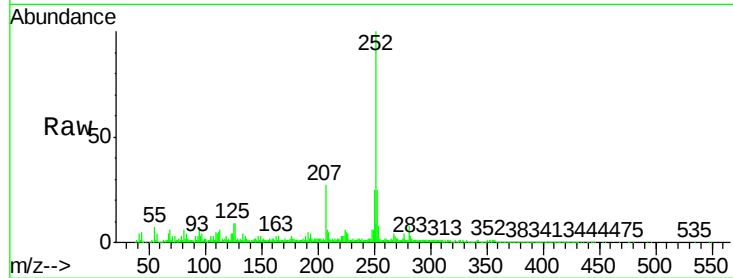
#87
Benzo(b)fluoranthene
Concen: 21.911 ng/ul
RT: 22.98 min Scan# 3382
Delta R.T. 0.02 min
Lab File: BM012844.D
Acq: 09 Nov 2017 09:07

Instrument :
BNA_M
ClientSampleId :
B-52(1-3)-102317

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	8.8	8.5	12.7

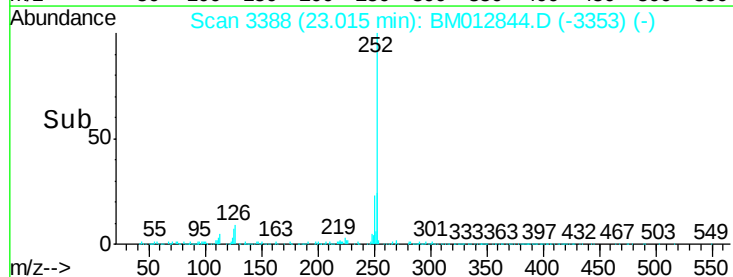
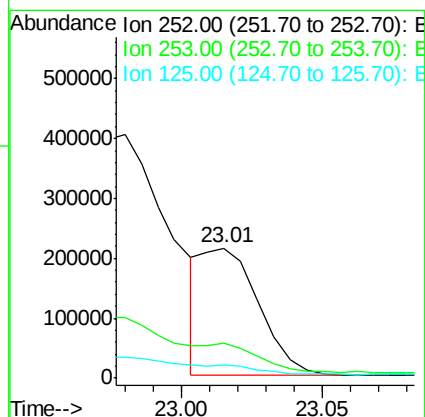
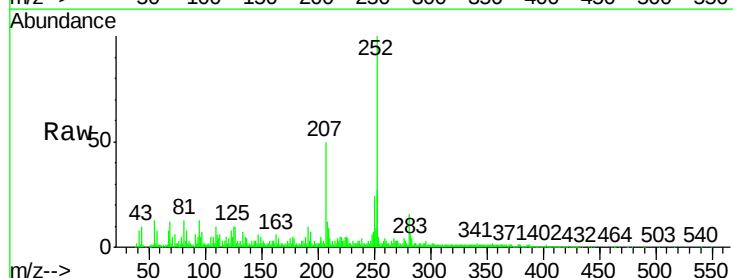
Manual Integrations
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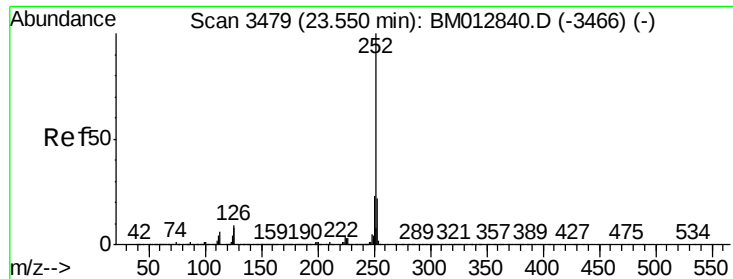
Sohil
11/9/2017 3:49:08 PM



#88
Benzo(k)fluoranthene
Concen: 7.503 ng/ul m
RT: 23.01 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM012844.D
Acq: 09 Nov 2017 09:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.3	25.9#
125	9.7	8.2	12.2





#90

Benzo(a)pyrene

Concen: 16.541 ng/ul m

RT: 23.57 min Scan# 3482

Delta R.T. 0.02 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Instrument :

BNA_M

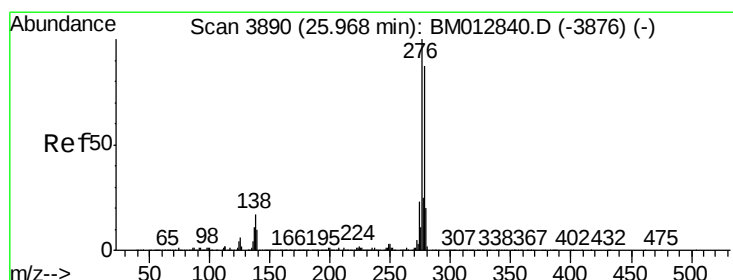
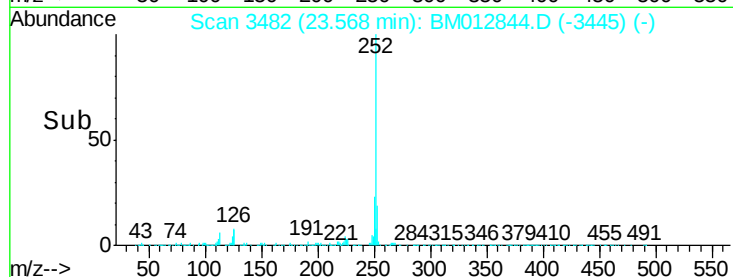
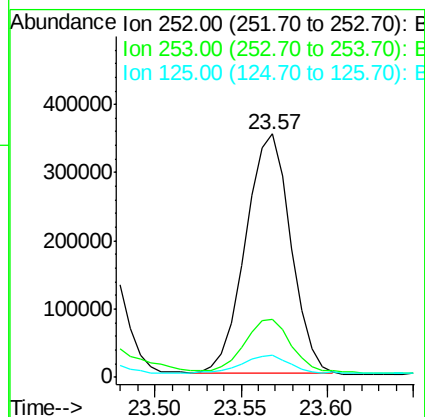
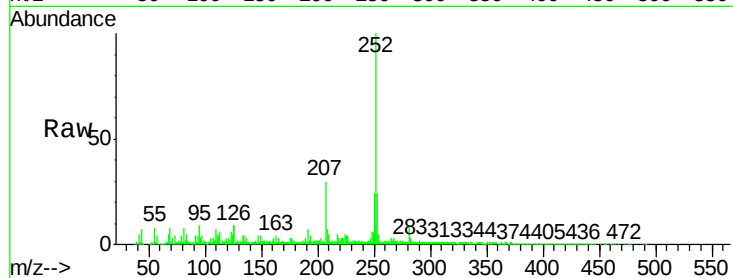
ClientSampleId :

B-52(1-3)-102317

Tgt Ion:	252	Resp:	646820
Ion Ratio		Lower	Upper
252	100		
253	24.1	17.2	25.8
125	8.9	9.0	13.6#

Manual Integrations
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11/9/2017 3:49:08 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 10.454 ng/ul

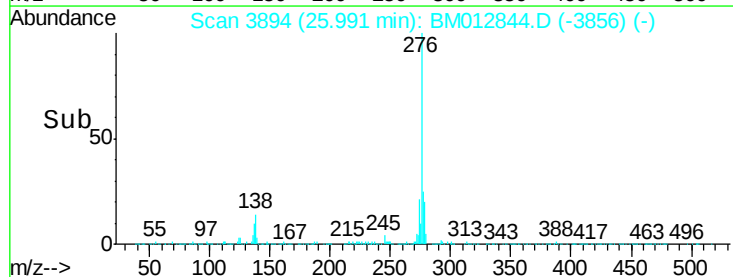
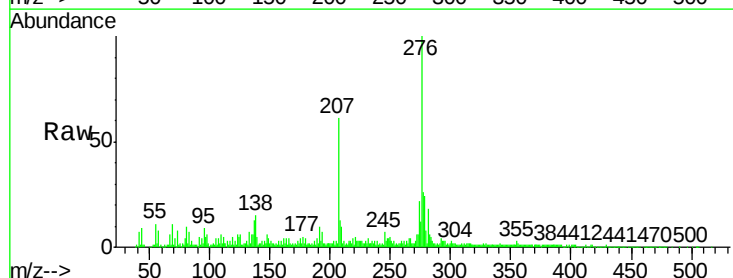
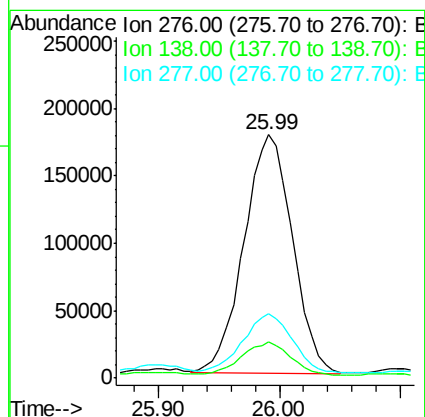
RT: 25.99 min Scan# 3894

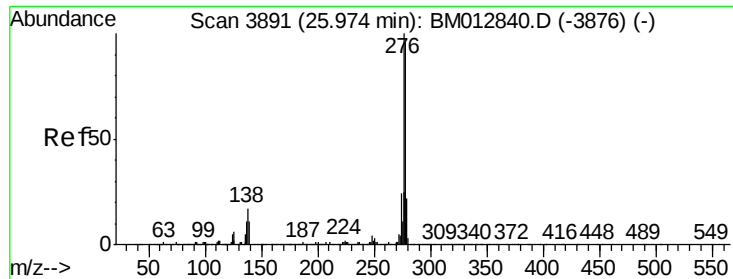
Delta R.T. 0.02 min

Lab File: BM012844.D

Acq: 09 Nov 2017 09:07

Tgt Ion:	276	Resp:	492680
Ion Ratio		Lower	Upper
276	100		
138	14.9	22.3	33.5#
277	26.2	20.2	30.2





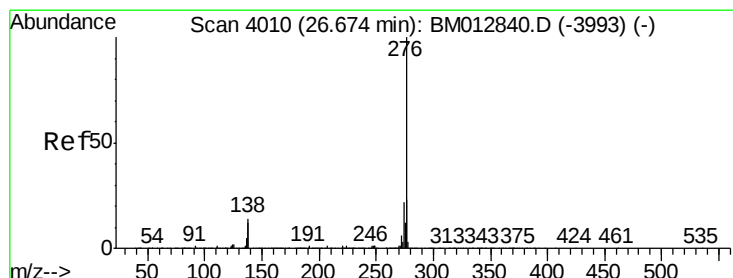
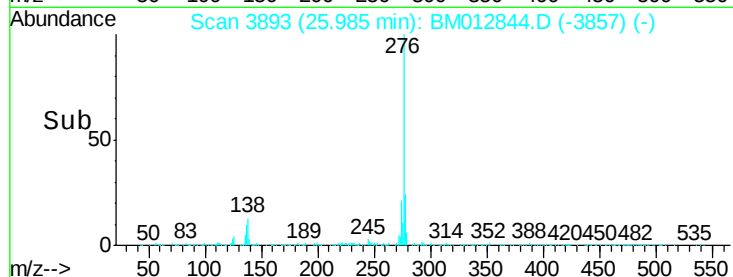
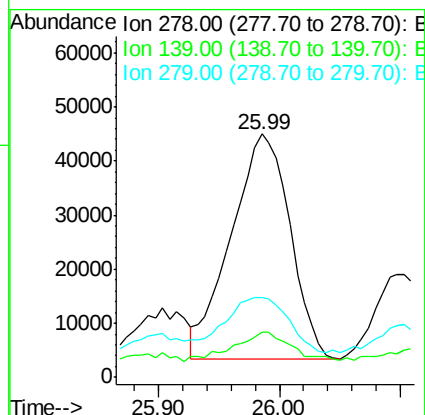
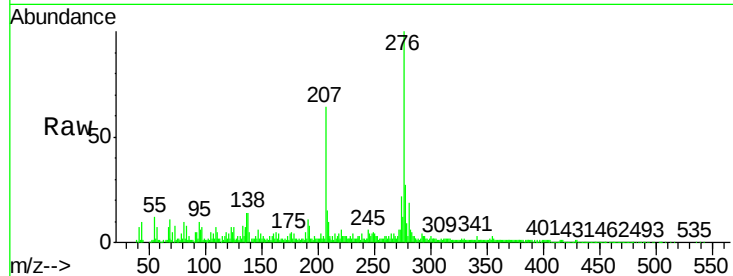
#92
Dibenzo(a,h)anthracene
Concen: 3.530 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BM012844.D
Acq: 09 Nov 2017 09:07

Instrument :
BNA_M
ClientSampleId :
B-52(1-3)-102317

Tgt Ion:	278	Resp:	140822
Ion Ratio	Lower	Upper	
278	100		
139	18.5	13.9	20.9
279	33.0	19.0	28.4#

Manual Integrations
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11/9/2017 3:49:08 PM



#93
Benzo(g,h,i)perylene
Concen: 10.950 ng/ul
RT: 26.71 min Scan# 4016
Delta R.T. 0.04 min
Lab File: BM012844.D
Acq: 09 Nov 2017 09:07

Tgt Ion:	276	Resp:	425230
Ion Ratio	Lower	Upper	
276	100		
138	14.6	18.9	28.3#
277	25.4	19.2	28.8

