

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012689.D
 Acq On : 03 Nov 2017 06:38
 Operator : SJ/JU
 Sample : I6004-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DW7

Manual Integrations
 APPROVED

Sohil
 11/3/2017 1:31:15 PM

Quant Time: Nov 03 07:14:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 05:31:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	158526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	644097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	405656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	955930	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1106611	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1208276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	16844	5.43	ng/uL	0.00
5) Phenol-d5	6.99	99	369678	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	202293	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	314453	31.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	301906	26.67	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	153452	38.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	181512	43.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	335322	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	314428	27.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1043981	29.46	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1301281	31.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	142452	27.04	ng/ul	0.00
57) Fluorene-d10	15.45	176	915598	30.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	142568	30.82	ng/ul	0.00
70) Anthracene-d10	17.30	188	1448302	31.79	ng/ul	0.00
76) Pyrene-d10	19.60	212	1623062	31.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1880418	32.76	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.02	94	104818	7.602	ng/ul#	80
34) 2-Methylnaphthalene	12.27	142	34073	1.314	ng/ul	92
44) Dimethylphthalate	13.92	163	411921	11.751	ng/ul	99
47) Acenaphthylene	14.18	152	439889	10.995	ng/ul	99
49) Acenaphthene	14.52	153	42279	1.543	ng/ul	95
58) Fluorene	15.50	166	127805	3.726	ng/ul	99
69) Phenanthrene	17.24	178	2320631	44.891	ng/ul	100
71) Anthracene	17.34	178	522978	9.788	ng/ul	97
72) Carbazole	17.60	167	75441	1.705	ng/ul#	93
74) Fluoranthene	19.26	202	4650452	79.391	ng/ul#	93
77) Pyrene	19.63	202	5326980	84.650	ng/ul#	92
80) Benzo(a)anthracene	21.37	228	2686052	40.534	ng/ul	96
82) Chrysene	21.42	228	2692888	45.706	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	3108149	41.613	ng/ul#	98
86) Benzo(k)fluoranthene	23.03	252	1008764m	14.349	ng/ul	
88) Benzo(a)pyrene	23.58	252	2570553	36.096	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1749725	20.876	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	458941	6.459	ng/ul#	88
91) Benzo(g,h,i)perylene	26.71	276	1714296	25.238	ng/ul#	96

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

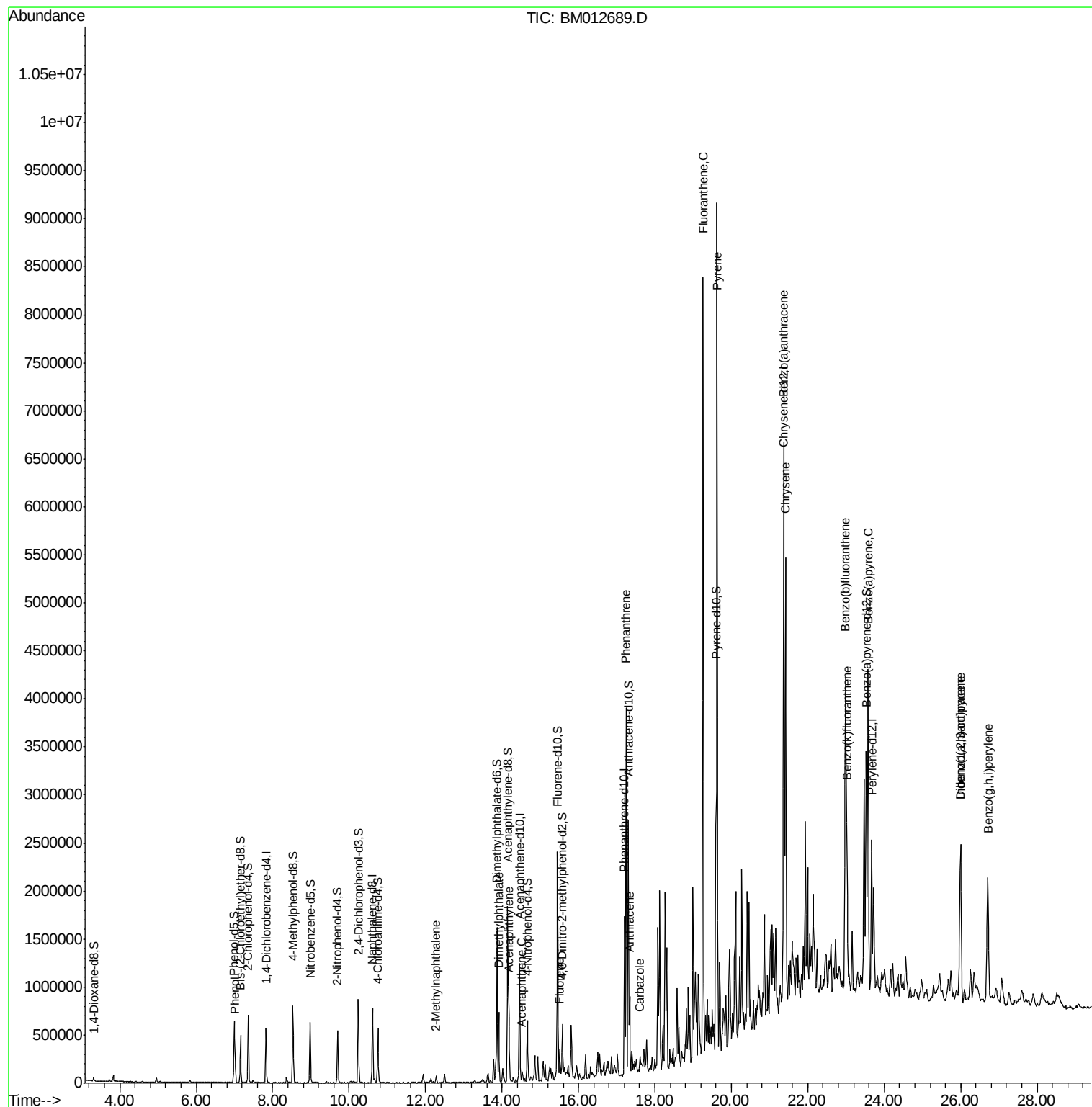
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
Sample : I6004-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

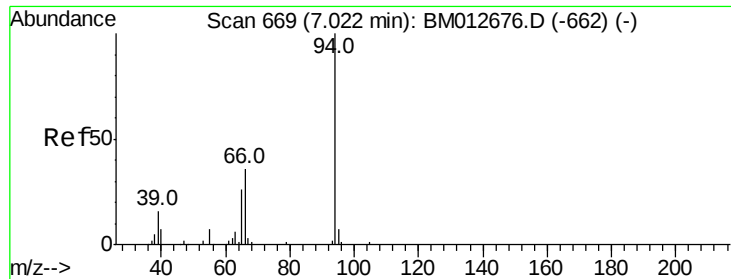
Instrument :
BNA_M
ClientSampleId :
B0DW7

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Sohil
11/3/2017 1:31:15 PM

Quant Time: Nov 03 07:14:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration





#6

Phenol

Concen: 7.602 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

ClientSampleId :

B0DW7

Tot Ion: 94 Resp: 104818

Ion Ratio Lower Upper

94 100

65 28.8 28.2 42.4

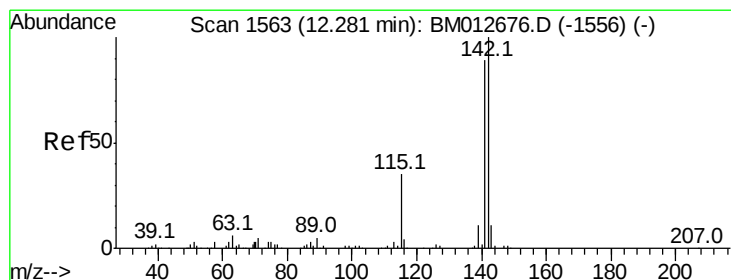
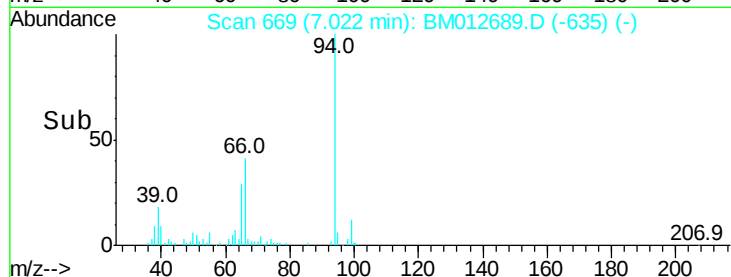
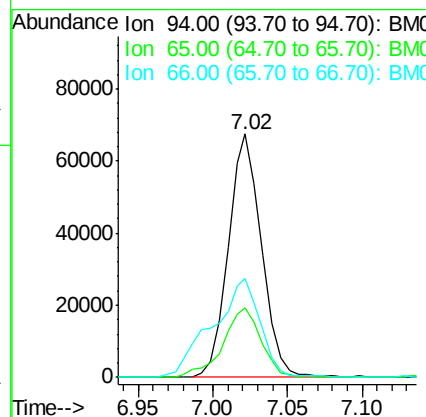
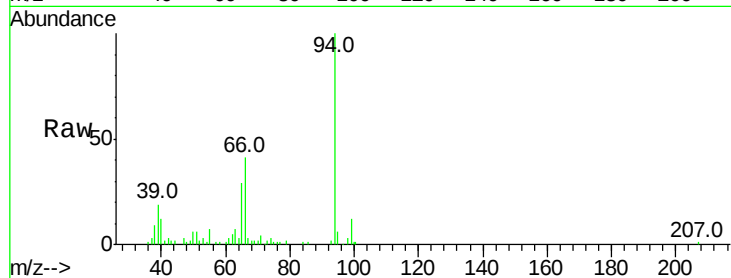
66 40.5 47.2 70.8#

Manual Integrations

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#34

2-Methylnaphthalene

Concen: 1.314 ng/ul

RT: 12.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BM012689.D

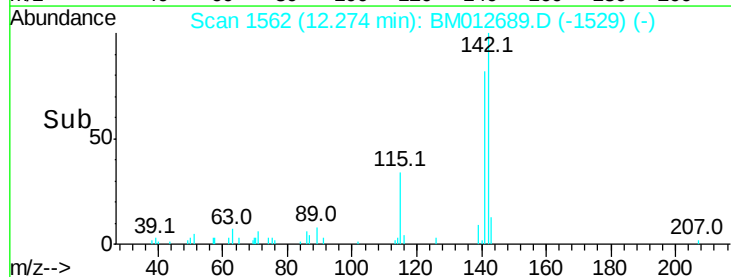
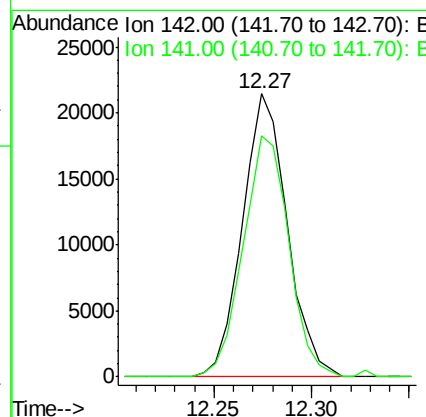
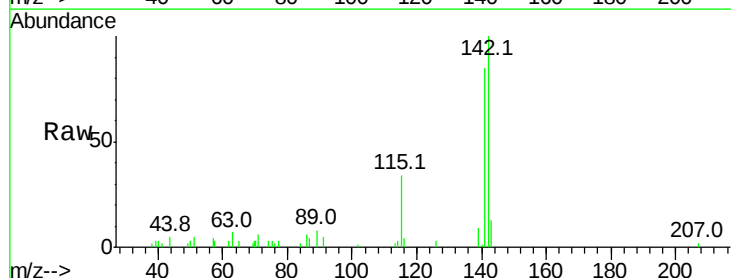
Acq: 03 Nov 2017 06:38

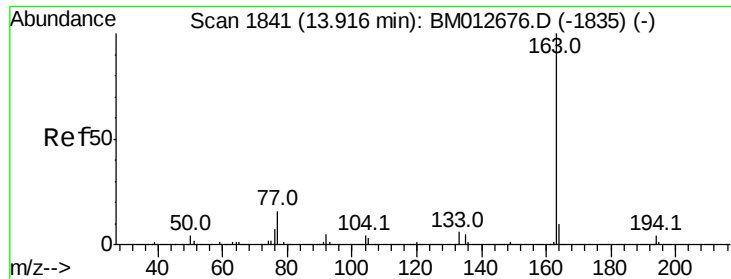
Tgt Ion: 142 Resp: 34073

Ion Ratio Lower Upper

142 100

141 85.0 74.1 111.1





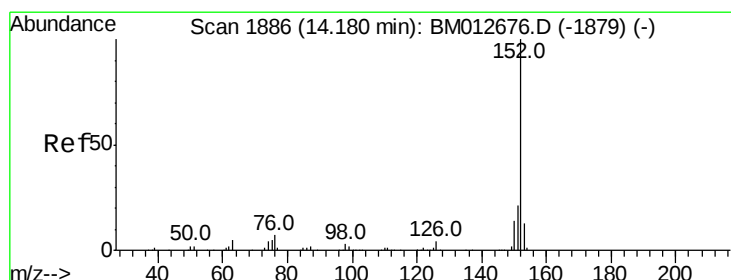
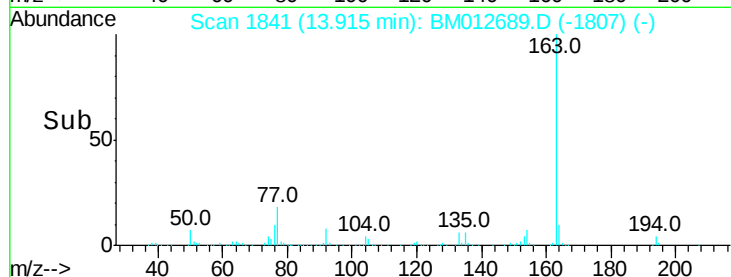
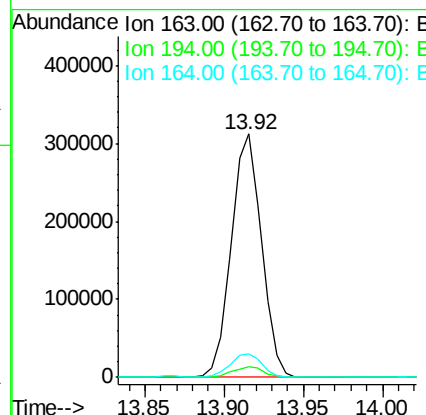
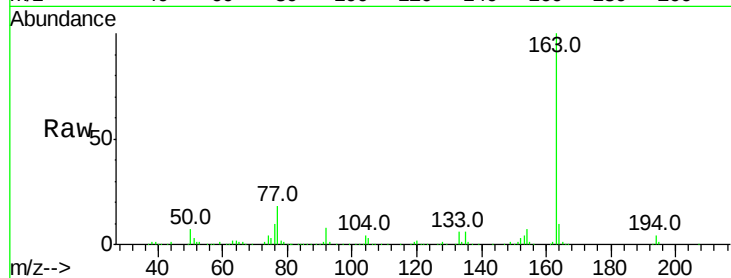
#44
Dimethylphthalate
Concen: 11.751 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	411921		
194	4.5		3.5	5.3
164	9.8		8.2	12.4

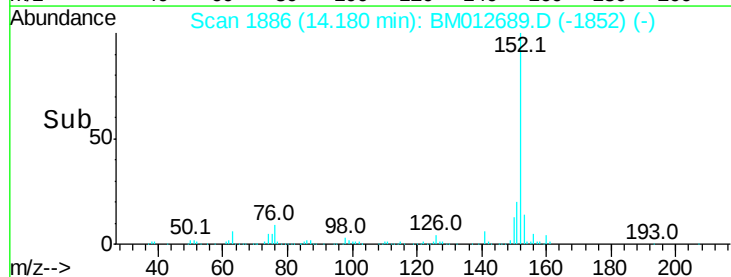
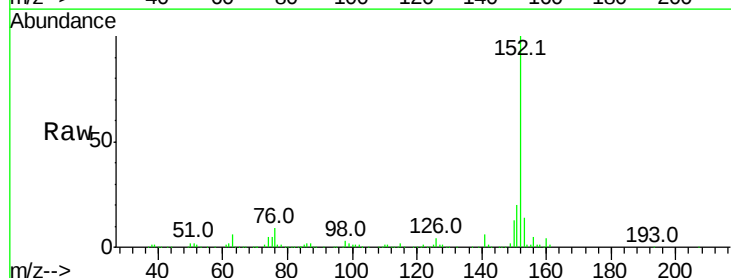
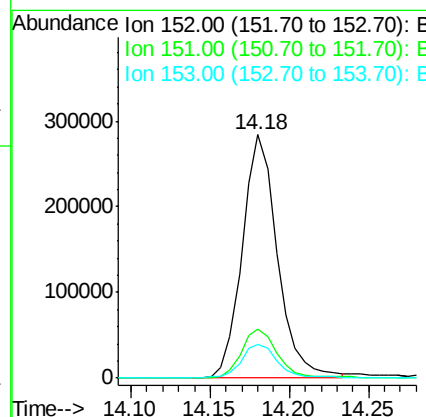
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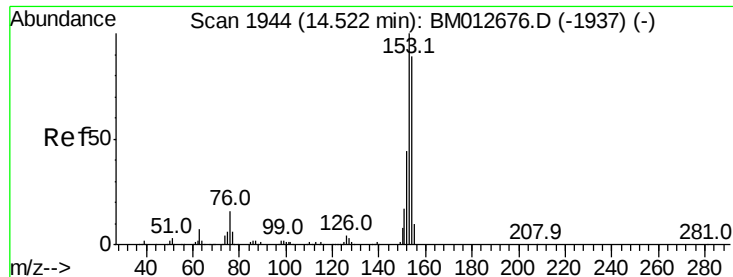
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#47
Acenaphthylene
Concen: 10.995 ng/ul
RT: 14.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	439889		
151	20.2		16.3	24.5
153	13.9		10.2	15.4





#49

Acenaphthene

Concen: 1.543 ng/ul

RT: 14.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

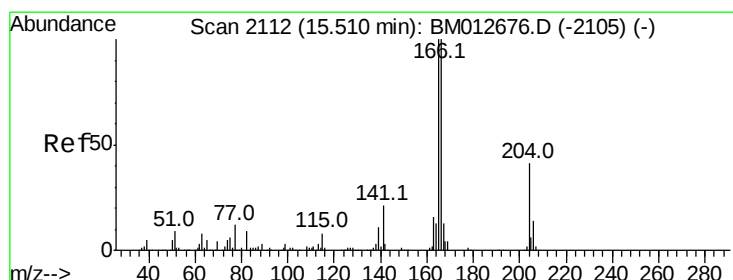
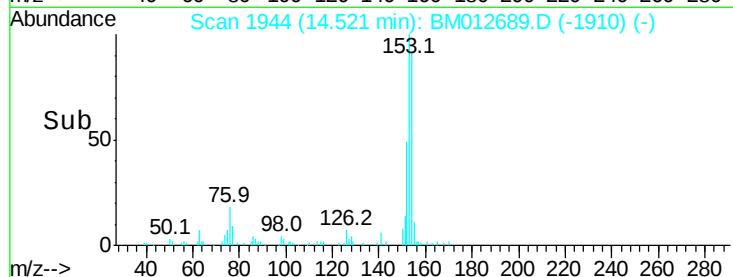
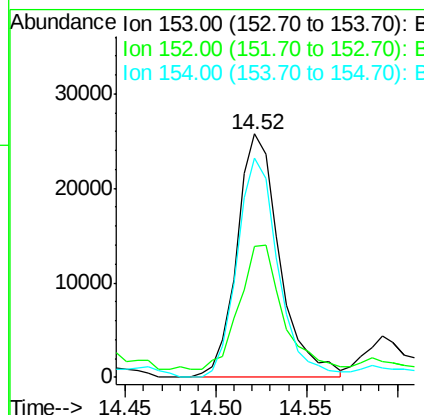
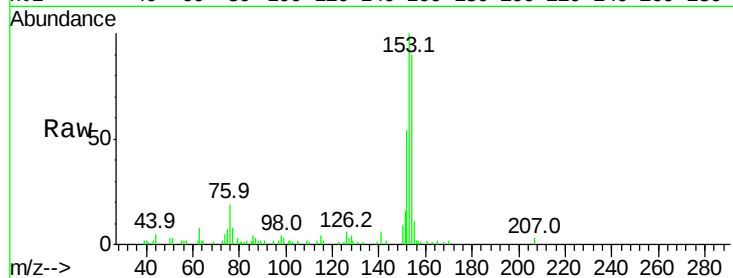
ClientSampleId :

B0DW7

Tot Ion:	153	Resp:	42279
Ion Ratio	Lower	Upper	
153	100		
152	54.0	37.6	56.4
154	90.2	70.4	105.6

Manual Integrations
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#58

Fluorene

Concen: 3.726 ng/ul

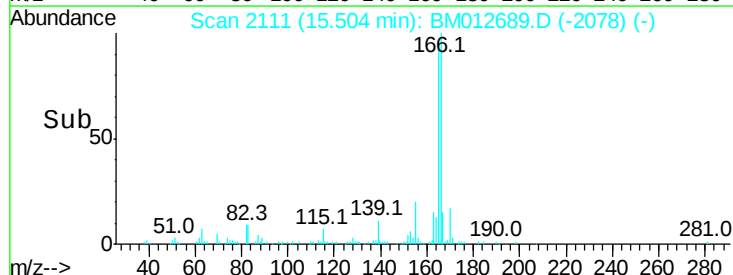
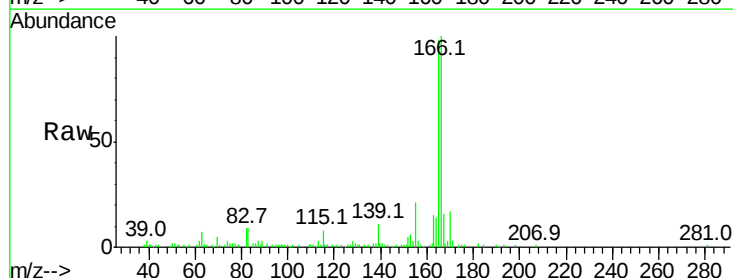
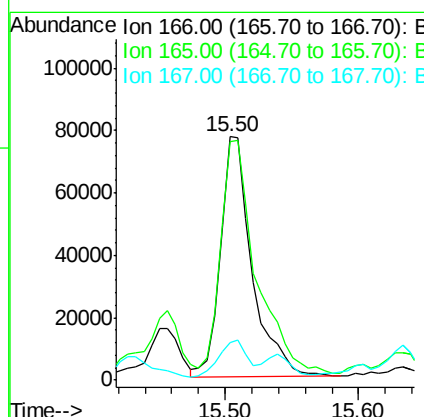
RT: 15.50 min Scan# 2111

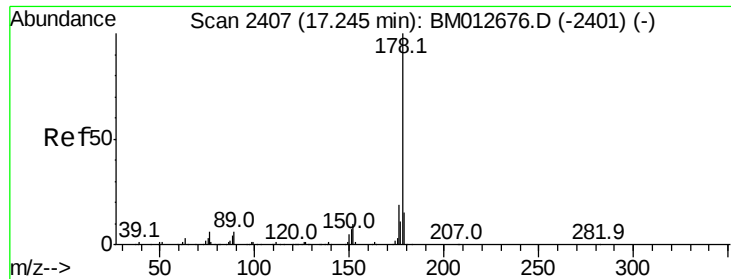
Delta R.T. -0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Tgt Ion:	166	Resp:	127805
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.9	116.9
167	15.7	10.6	16.0





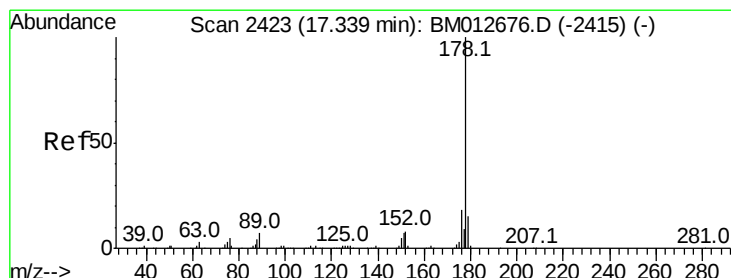
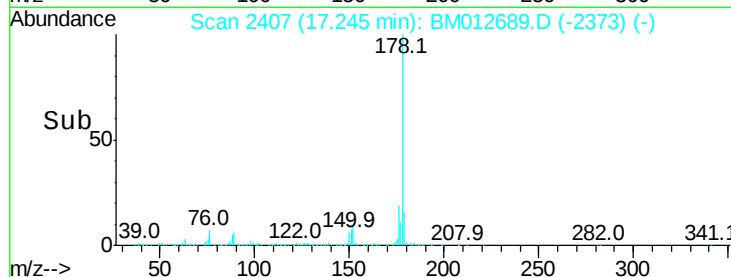
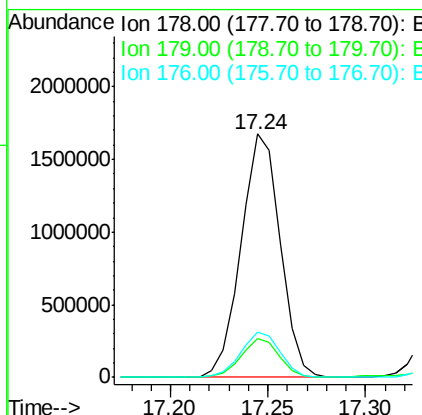
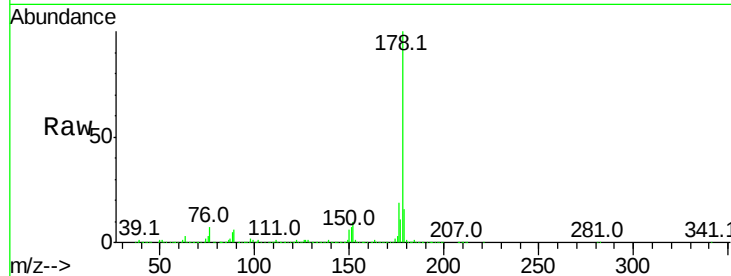
#69
Phenanthrene
Concen: 44.891 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.8	14.9	22.3

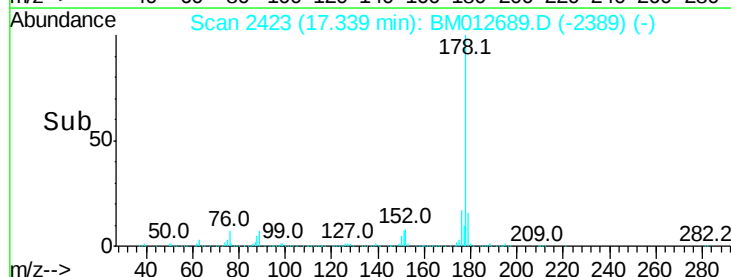
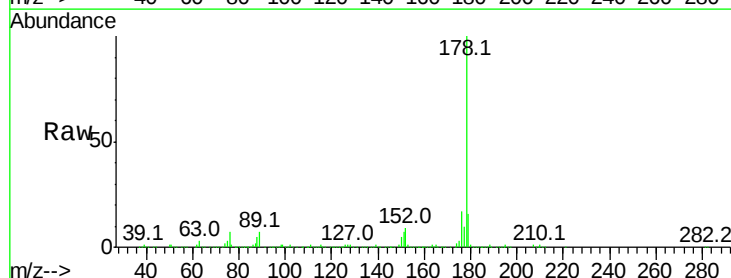
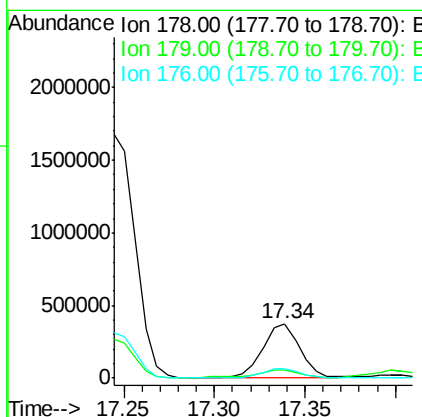
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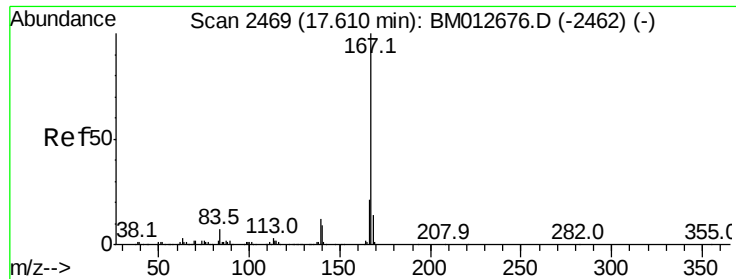
Sohil
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#71
Anthracene
Concen: 9.788 ng/ul
RT: 17.34 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	16.8	14.6	21.8





#72

Carbazole

Concen: 1.705 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

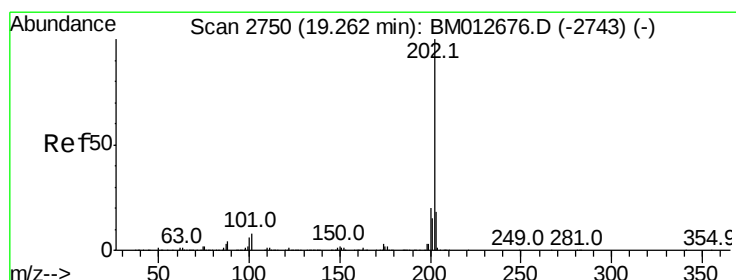
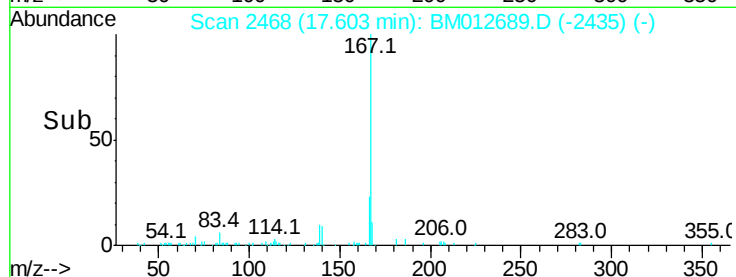
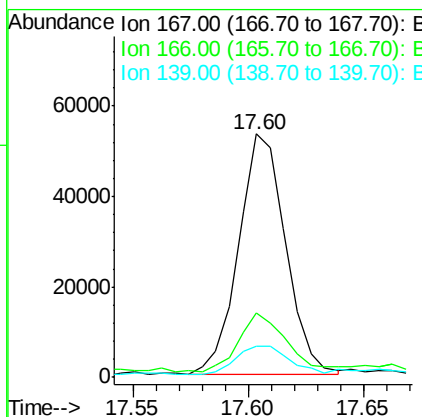
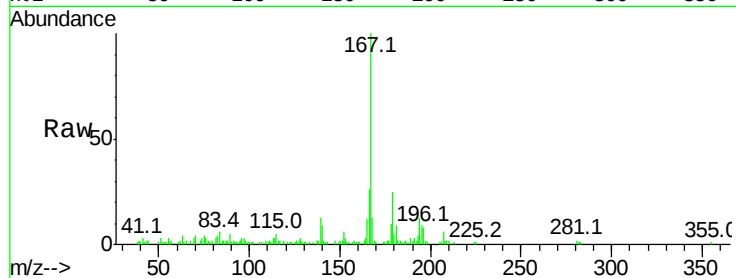
ClientSampleId :

B0DW7

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.4	17.1	25.7#
139	12.8	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 79.391 ng/ul

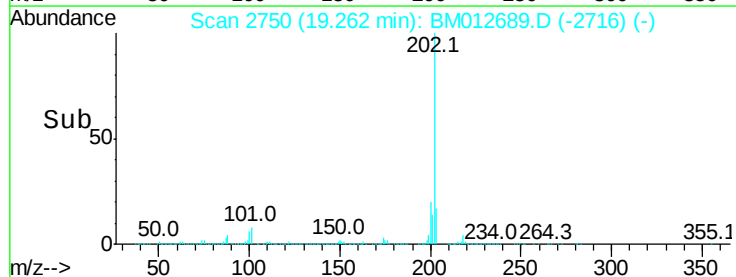
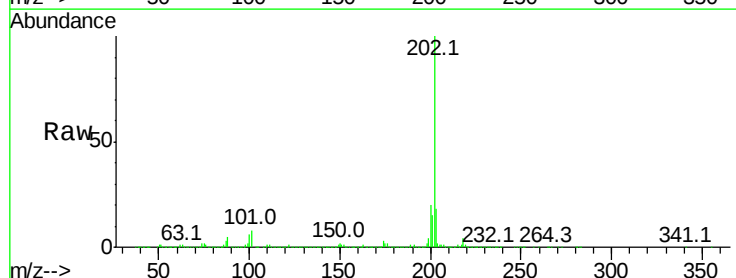
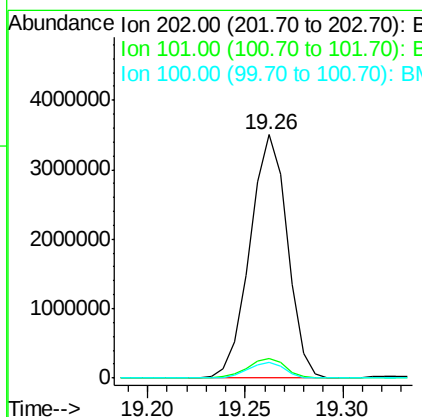
RT: 19.26 min Scan# 2750

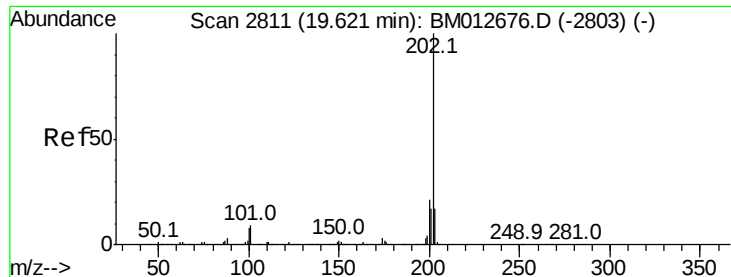
Delta R.T. -0.00 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 84.650 ng/ul

RT: 19.63 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

ClientSampled :

B0DW7

Tot Ion:202 Resp: 5326980

Ion Ratio Lower Upper

202 100

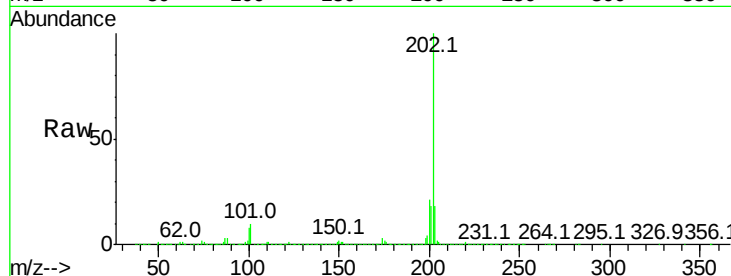
101 9.8 5.1 7.7#

100 7.8 4.9 7.3#

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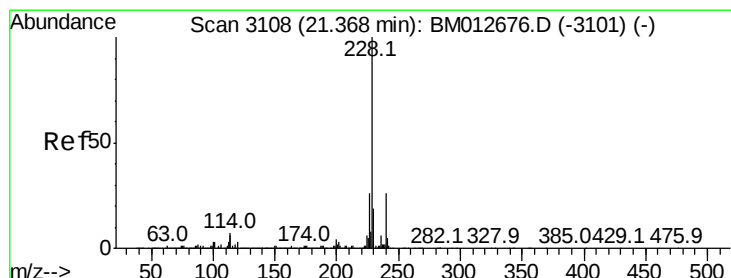
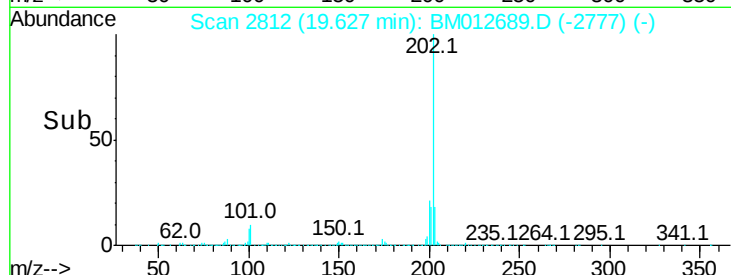
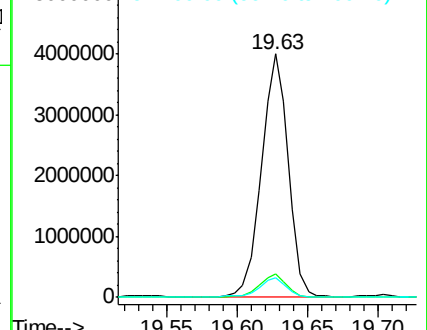
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 40.534 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

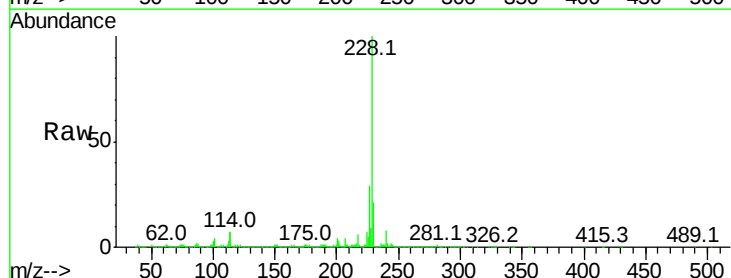
Tgt Ion:228 Resp: 2686052

Ion Ratio Lower Upper

228 100

229 21.0 15.4 23.0

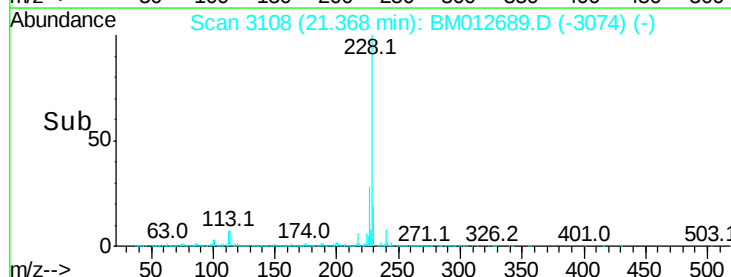
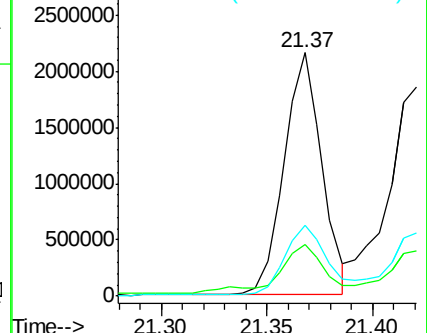
226 29.1 21.4 32.0

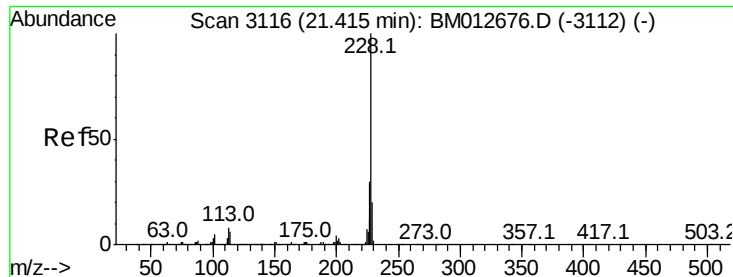


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 45.706 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

ClientSampled :

B0DW7

Tot Ion:228 Resp: 2692888

Ion Ratio Lower Upper

228 100

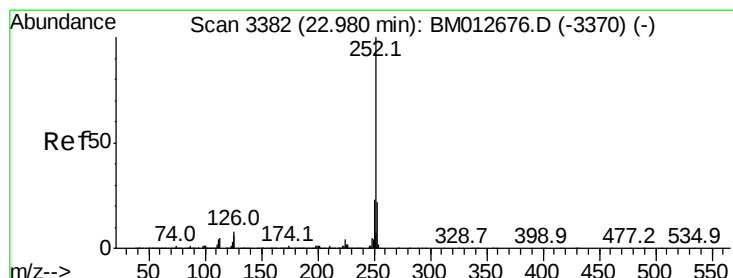
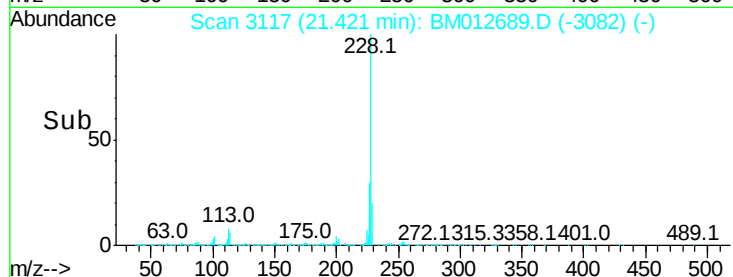
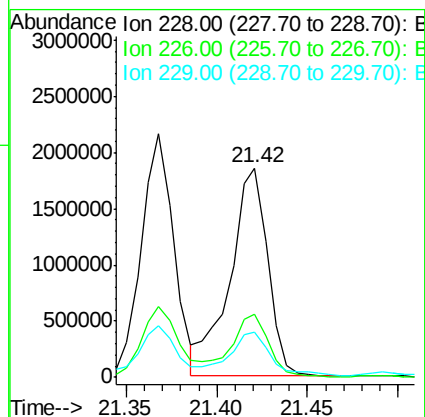
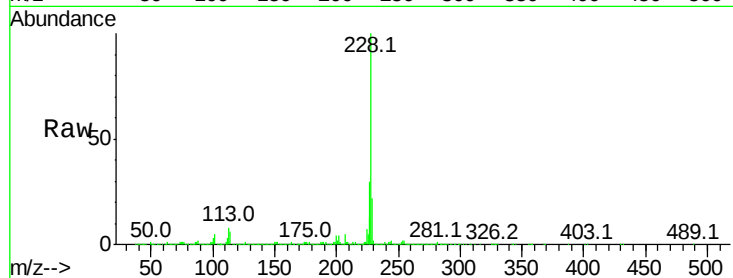
226 30.0 23.4 35.2

229 21.5 15.5 23.3

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#85

Benzo(b)fluoranthene

Concen: 41.613 ng/ul

RT: 22.99 min Scan# 3383

Delta R.T. 0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

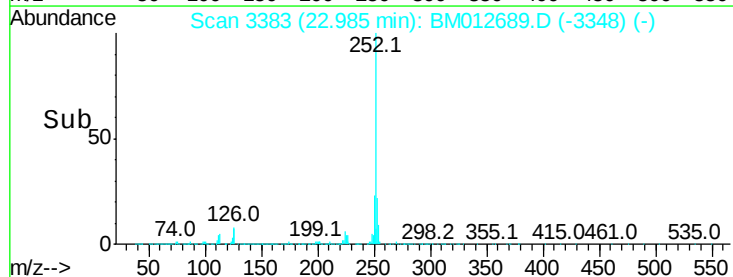
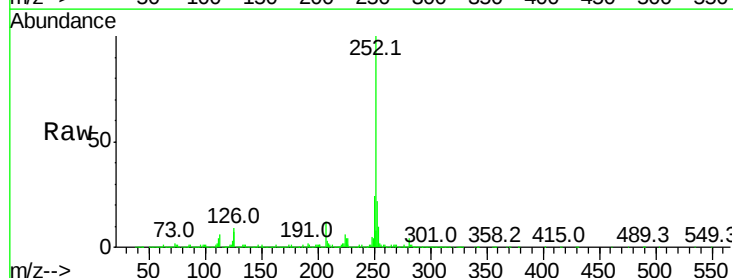
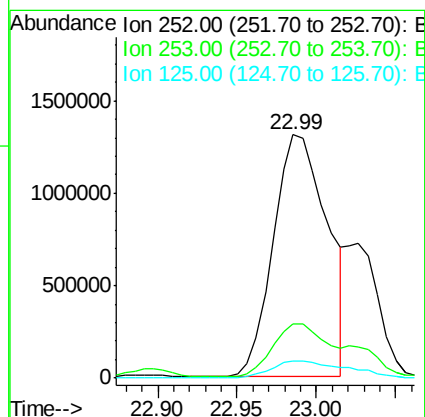
Tgt Ion:252 Resp: 3108149

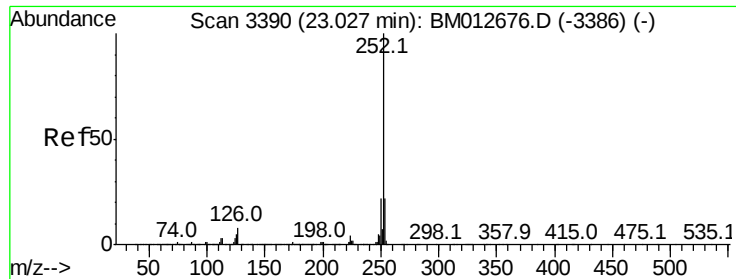
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 7.2 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 14.349 ng/ul m

RT: 23.03 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Instrument :

BNA_M

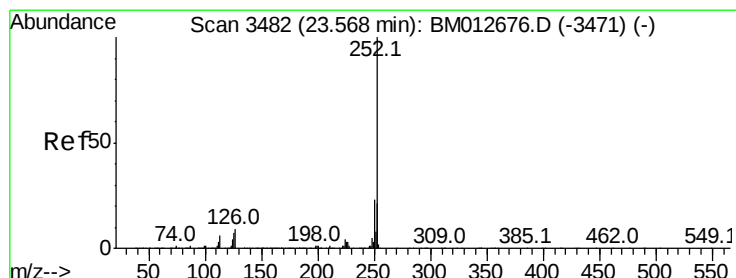
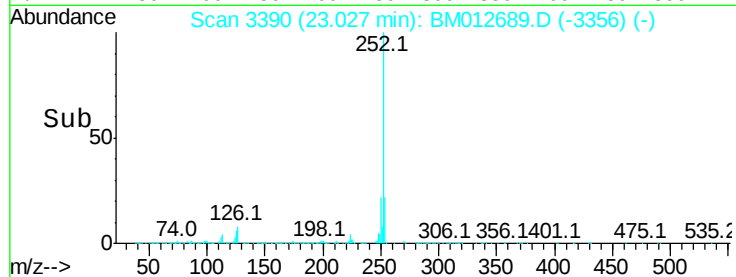
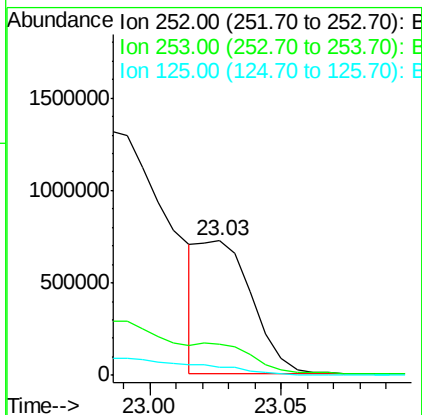
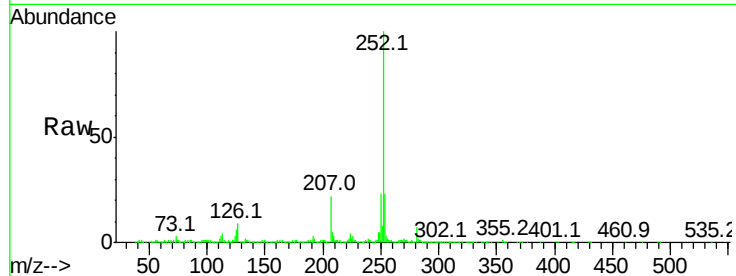
ClientSampleId :

B0DW7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	6.4	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 36.096 ng/ul

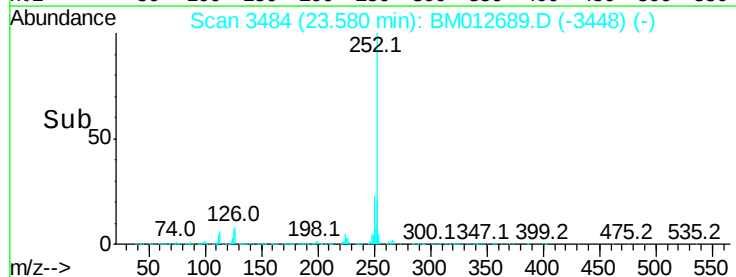
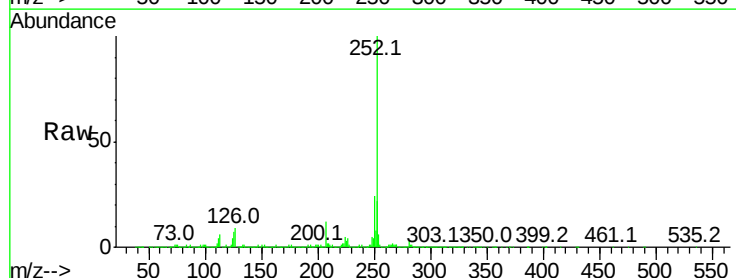
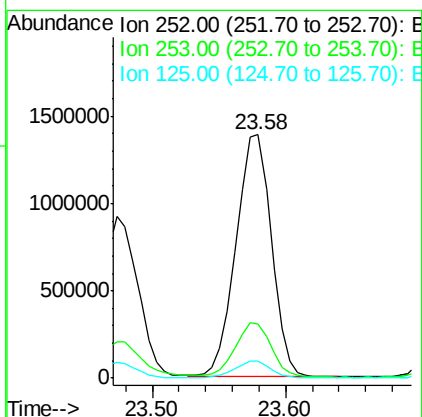
RT: 23.58 min Scan# 3484

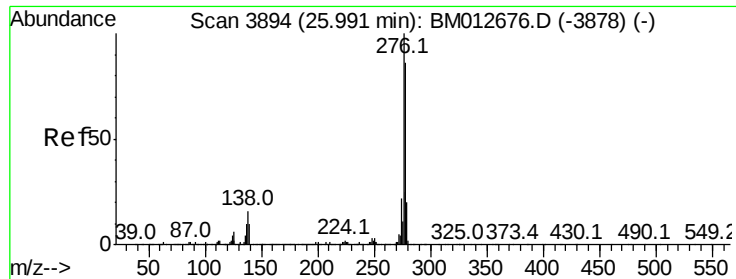
Delta R.T. 0.01 min

Lab File: BM012689.D

Acq: 03 Nov 2017 06:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	6.9	4.0	6.0#





#89

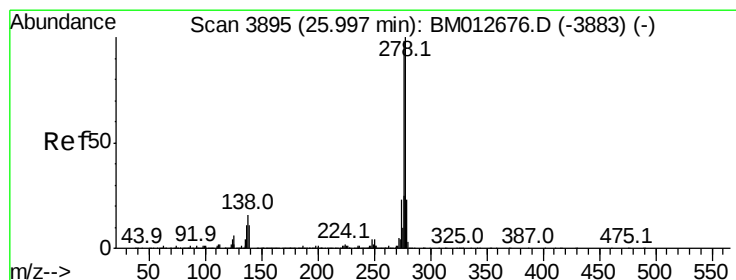
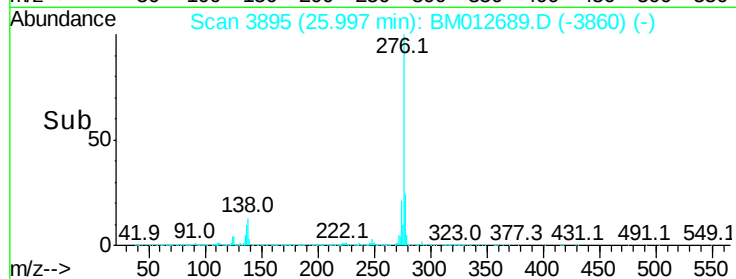
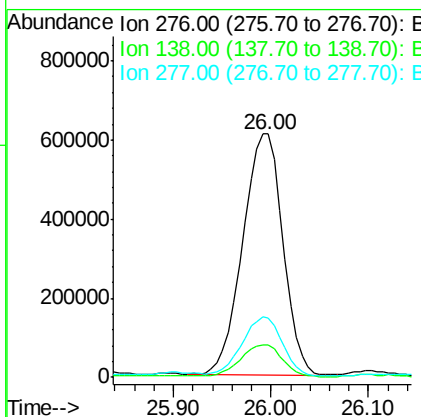
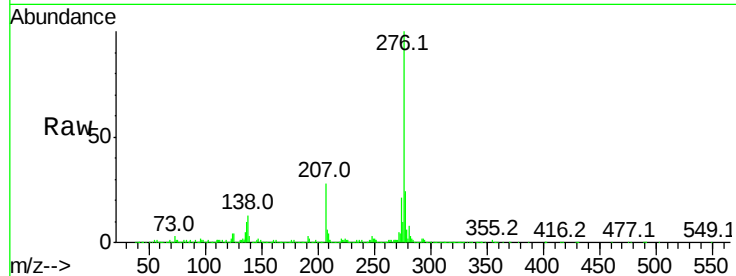
Indeno(1,2,3-cd)pyrene
Concen: 20.876 ng/ul
RT: 26.00 min Scan# 3895
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	9.3	13.9
277	24.3	19.9	29.9

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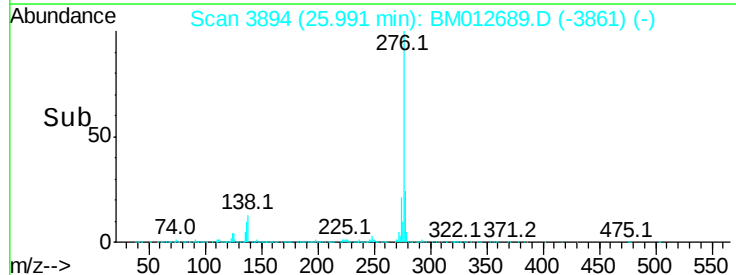
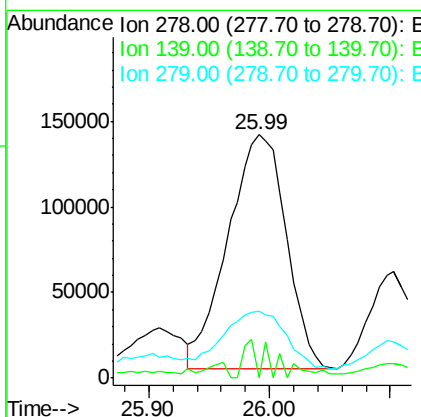
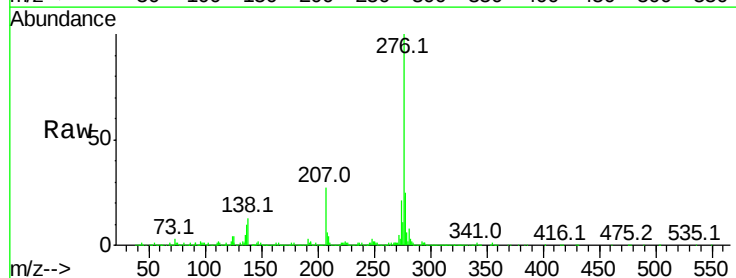
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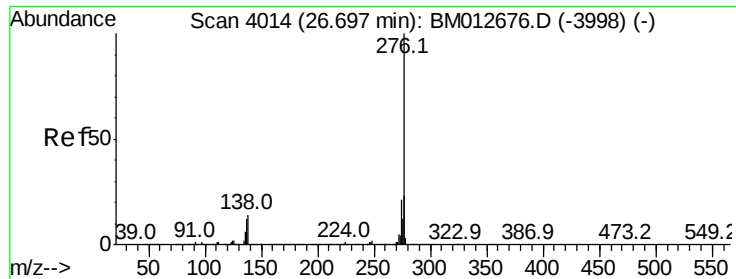


#90

Dibenzo(a,h)anthracene
Concen: 6.459 ng/ul
RT: 25.99 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.5	18.6	27.8





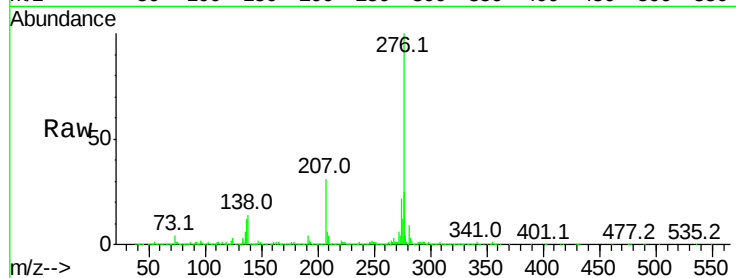
#91
 Benzo(a,h,i)perylene
 Concen: 25.238 ng/ul
 RT: 26.71 min Scan# 4016
 Delta R.T. 0.01 min
 Lab File: BM012689.D
 Acq: 03 Nov 2017 06:38

Instrument :
 BNA_M
 ClientSampleId :
 B0DW7

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	8.5	12.7#
277	24.6	18.6	28.0

Manual Integrations
 APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

