

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
 Data File : BM011956.D
 Acq On : 07 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5462-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BT9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:38:58 PM

Quant Time: Oct 07 06:49:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 05:58:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	301914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1193612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	635834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1256417	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1349526	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1491761	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	17950	2.81	ng/uL	0.00
5) Phenol-d5	7.02	99	362309	13.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	231578	15.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	325144	15.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	316171	14.08	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	150943	17.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	167621	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	323365	16.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	238482	11.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	992364	18.01	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1190164	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	91049m	9.46	ng/ul	0.00
57) Fluorene-d10	15.49	176	805152	16.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	104215	12.33	ng/ul	0.00
70) Anthracene-d10	17.34	188	1162759	18.78	ng/ul	0.00
76) Pyrene-d10	19.63	212	1272577	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1349619	18.81	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.05	94	25827	1.00	ng/ul#	86
44) Dimethylphthalate	13.95	163	254845	4.81	ng/ul	99
47) Acenaphthylene	14.22	152	139993	2.23	ng/ul	97
49) Acenaphthene	14.56	153	85354	1.96	ng/ul	95
53) Dibenzofuran	14.90	168	70339	1.12	ng/ul	98
58) Fluorene	15.54	166	56729	1.08	ng/ul	99
69) Phenanthrene	17.29	178	1902264	27.52	ng/ul	99
71) Anthracene	17.38	178	162700	2.31	ng/ul	98
72) Carbazole	17.64	167	296460	4.87	ng/ul	99
74) Fluoranthene	19.30	202	5288788	62.72	ng/ul#	91
77) Pyrene	19.66	202	4517853	60.38	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2013576	26.05	ng/ul	96
82) Chrysene	21.46	228	3192768	43.46	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	5083551	56.06	ng/ul#	98
86) Benzo(k)fluoranthene	23.08	252	1891783m	20.90	ng/ul	
88) Benzo(a)pyrene	23.64	252	3100835	35.59	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.12	276	2784448	29.86	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.12	278	668809	8.73	ng/ul#	90
91) Benzo(g,h,i)perylene	26.85	276	2518233	32.65	ng/ul#	92

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

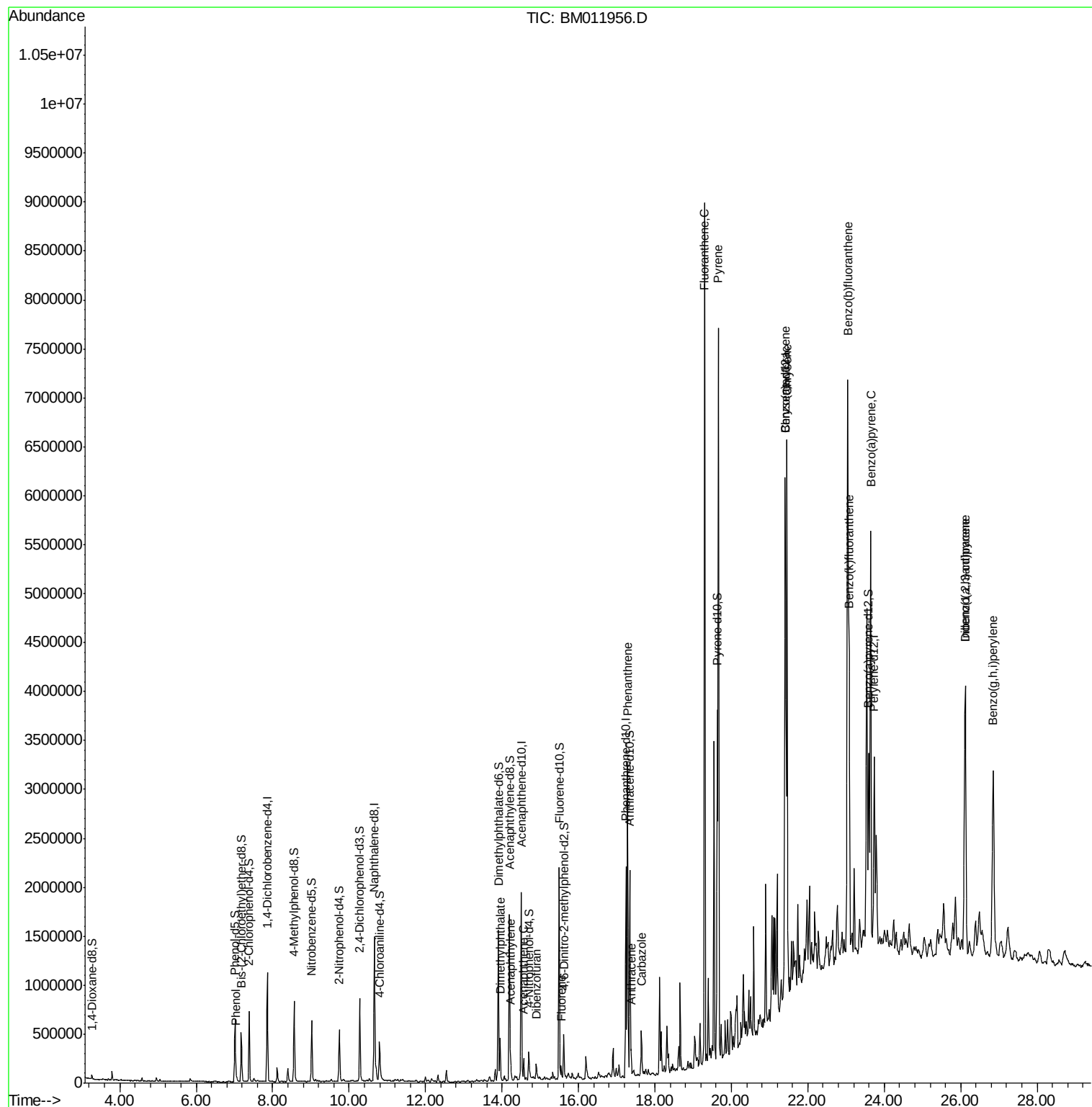
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011956.D
Acq On : 07 Oct 2017 00:54
Operator : SJ/JU
Sample : I5462-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

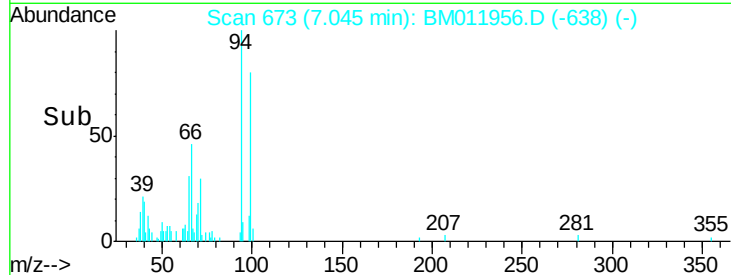
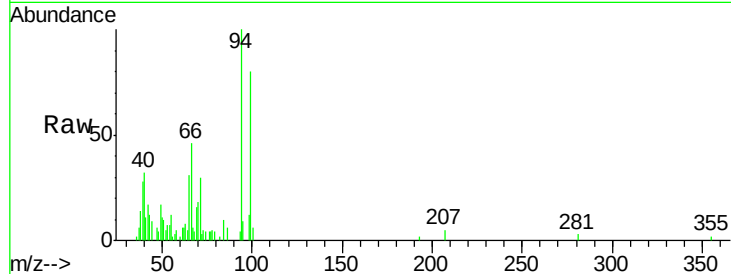
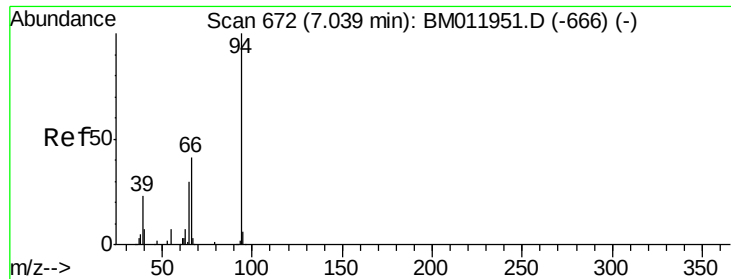
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





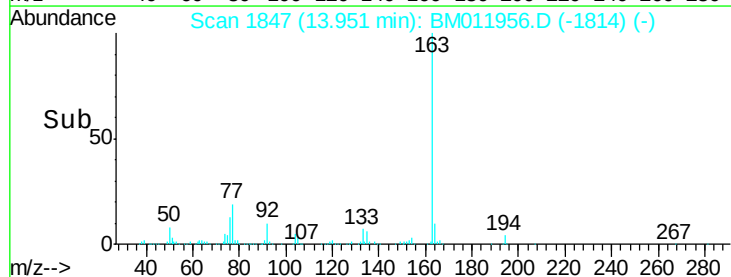
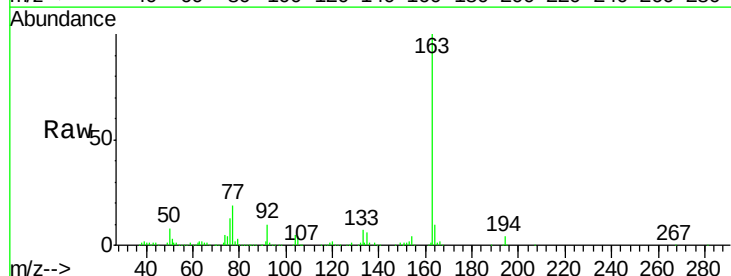
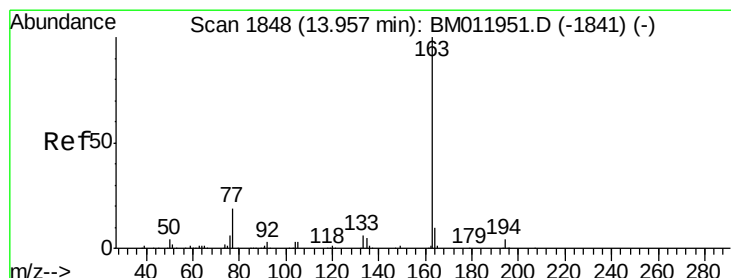
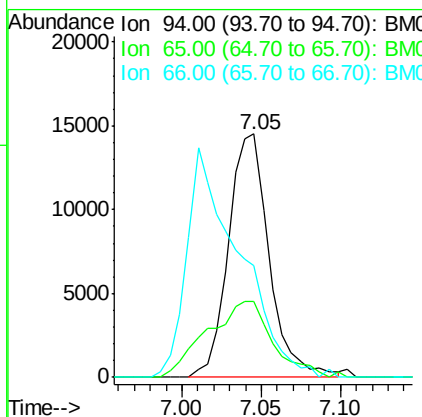
#6
Phenol
Concen: 1.00 ng/ul
RT: 7.05 min Scan# 673
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	25827		
65	31.2	28.2	42.4	
66	45.8	47.2	70.8	

Instrument :
BNA_M
ClientSampleId :
B0BT9

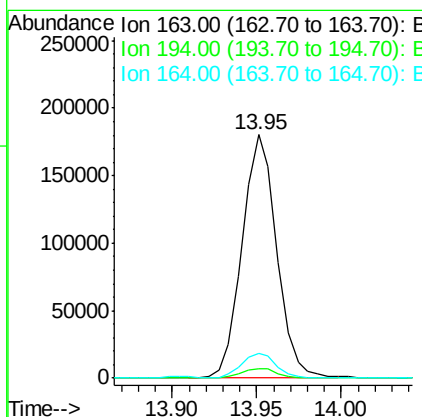
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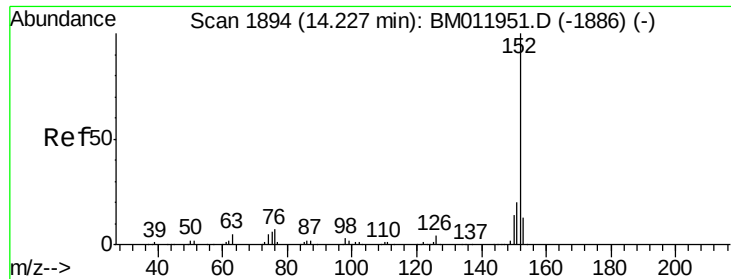
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#44
Dimethylphthalate
Concen: 4.81 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	254845		
194	4.0	3.5	5.3	
164	10.1	8.2	12.4	





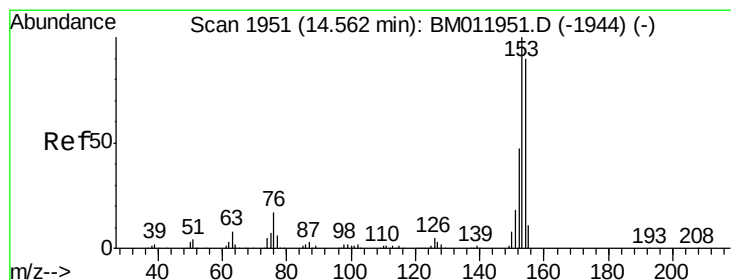
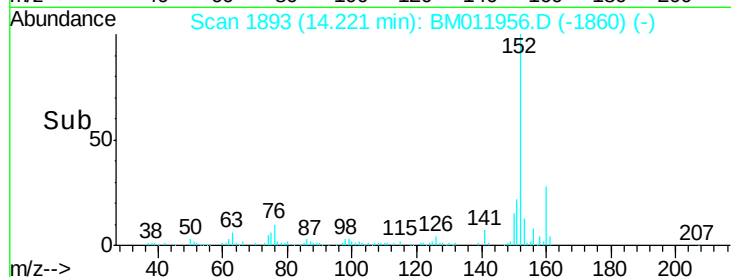
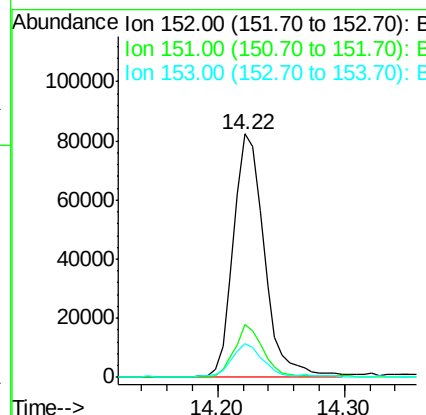
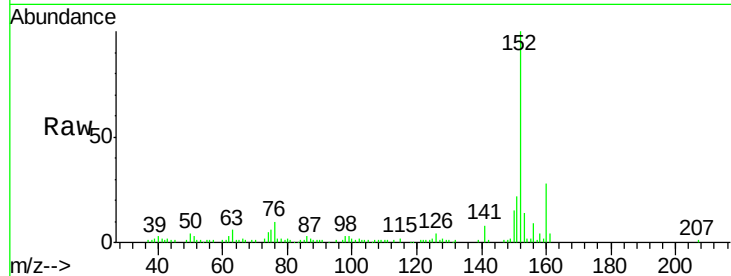
#47
Acenaphthylene
Concen: 2.23 ng/ul
RT: 14.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampled :
B0BT9

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	139993		
151	21.7		16.3	24.5
153	13.9		10.2	15.4

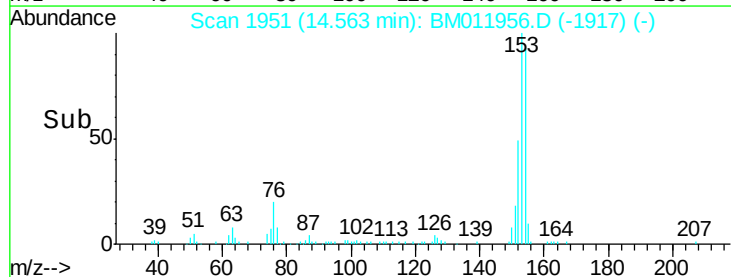
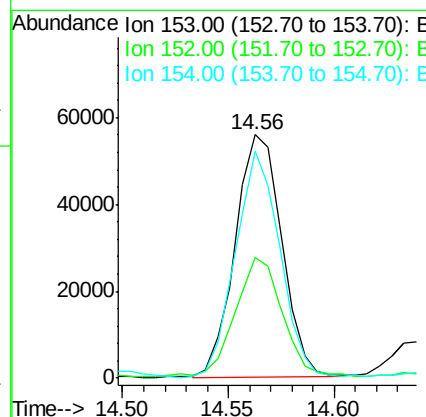
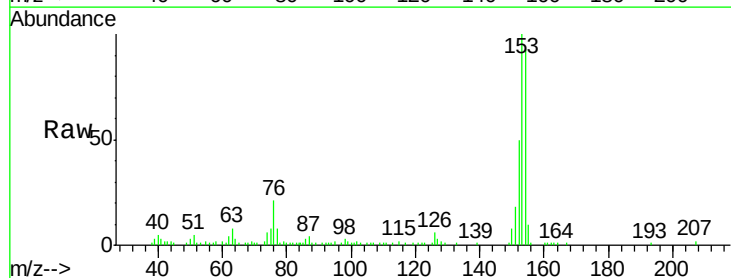
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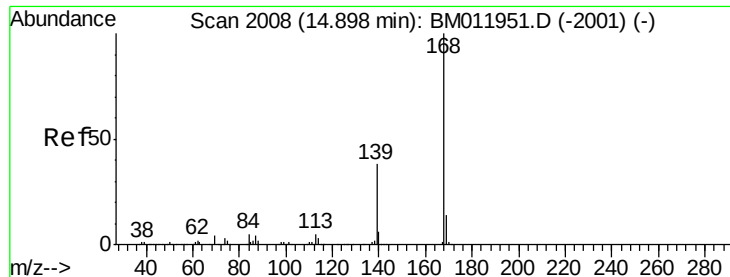
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#49
Acenaphthene
Concen: 1.96 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	85354		
152	49.5		37.6	56.4
154	93.0		70.4	105.6





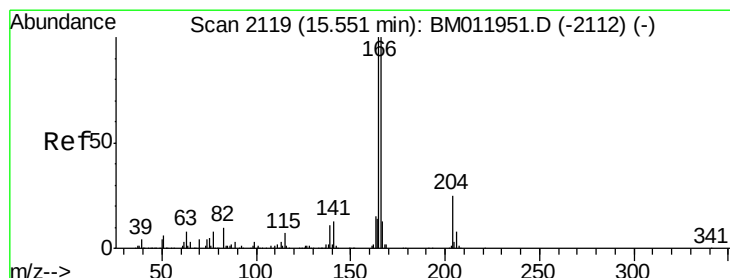
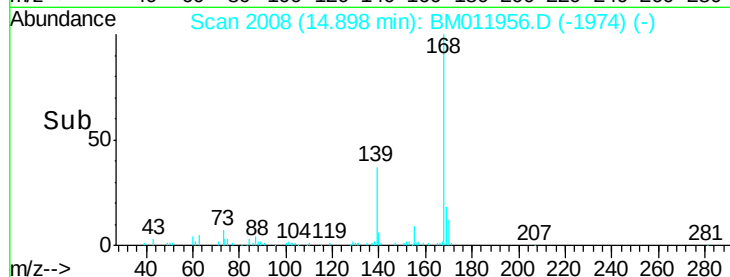
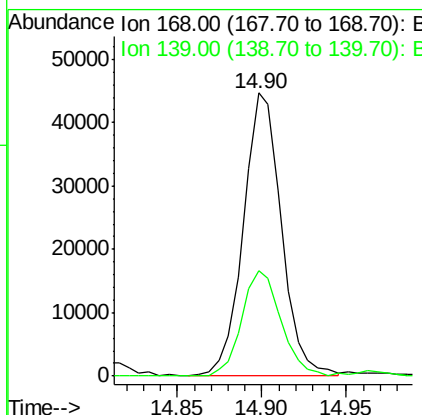
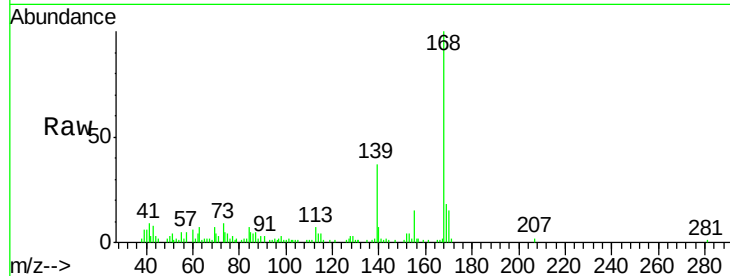
#53
Dibenzenofuran
Concen: 1.12 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampled :
B0BT9

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.8	46.2

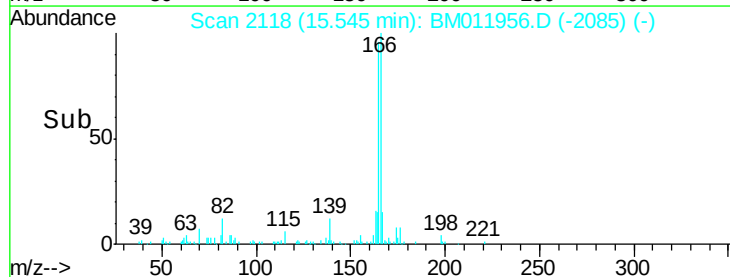
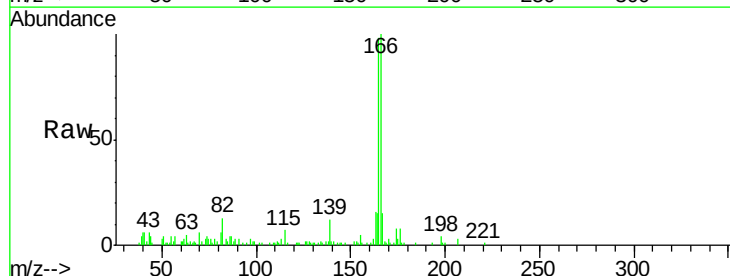
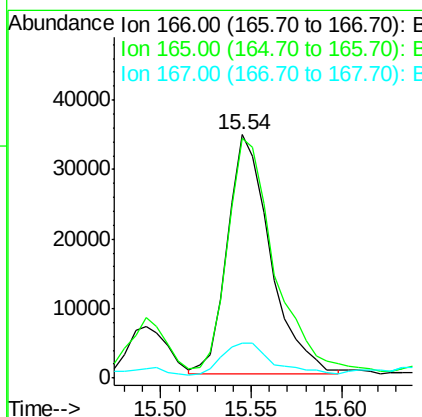
Manual Integrations
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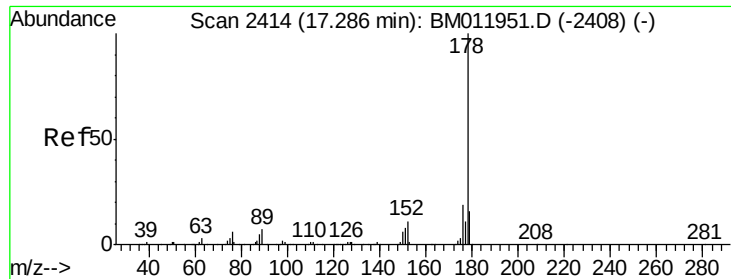
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#58
Fluorene
Concen: 1.08 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	14.6	10.6	16.0





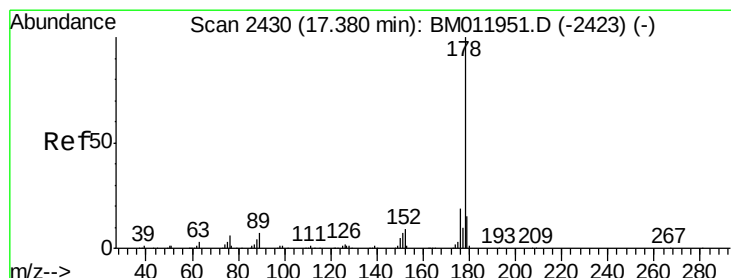
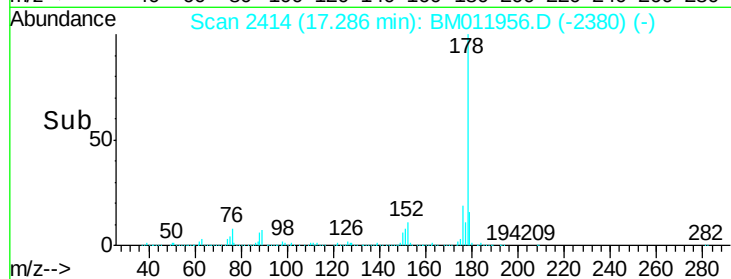
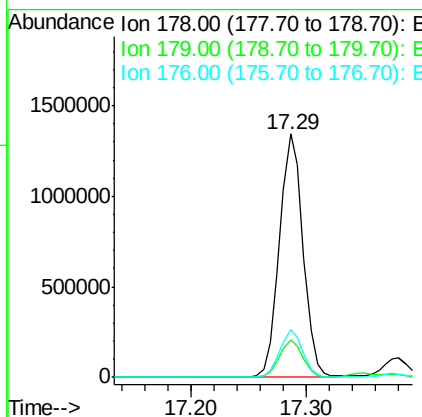
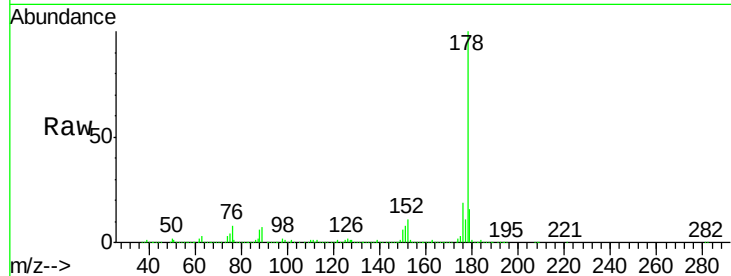
#69
Phenanthrene
Concen: 27.52 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampled :
B0BT9

Tgt Ion:178 Resp: 1902264
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 14.9 22.3

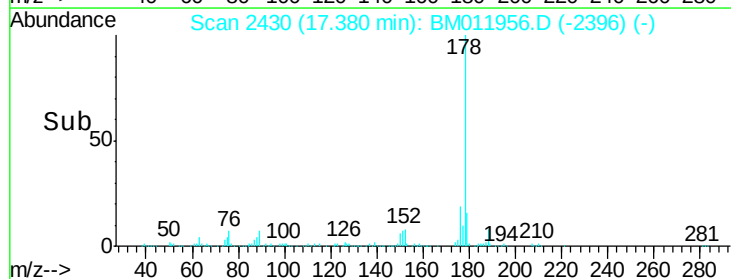
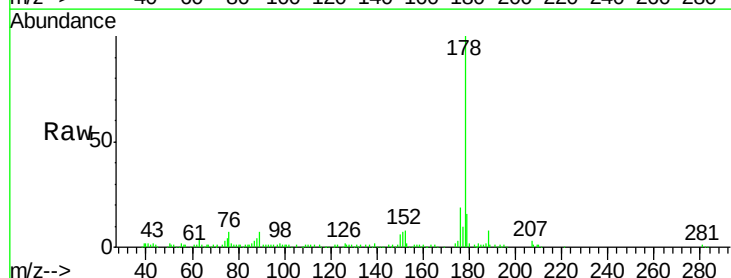
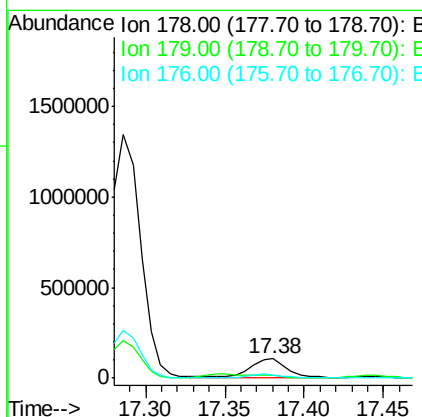
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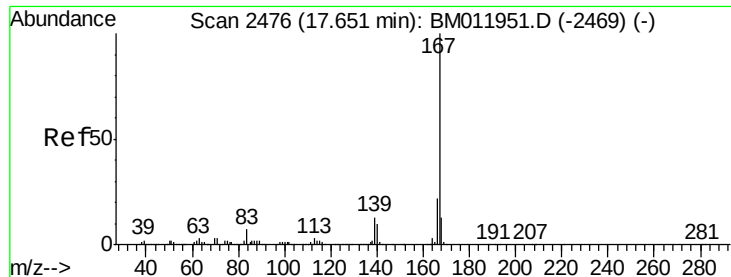
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#71
Anthracene
Concen: 2.31 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion:178 Resp: 162700
Ion Ratio Lower Upper
178 100
179 16.1 11.7 17.5
176 18.7 14.6 21.8





#72

Carbazole

Concen: 4.87 ng/ul

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM011956.D

Acq: 07 Oct 2017 00:54

Instrument :

BNA_M

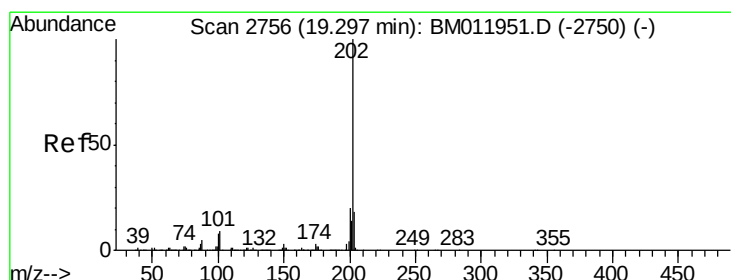
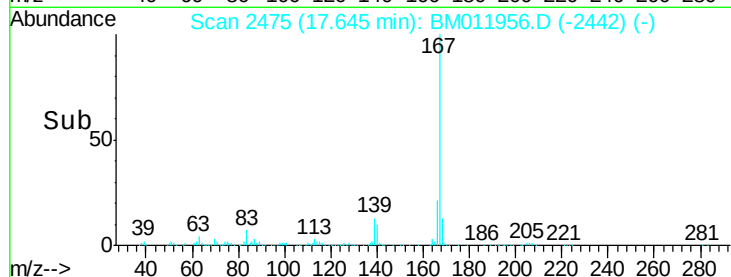
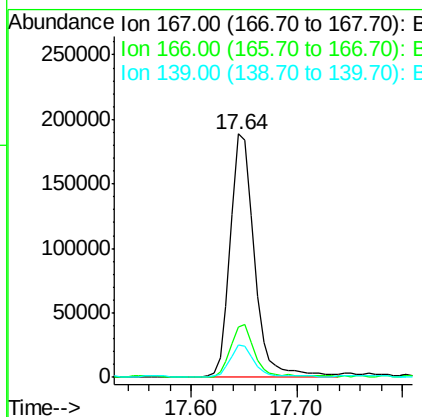
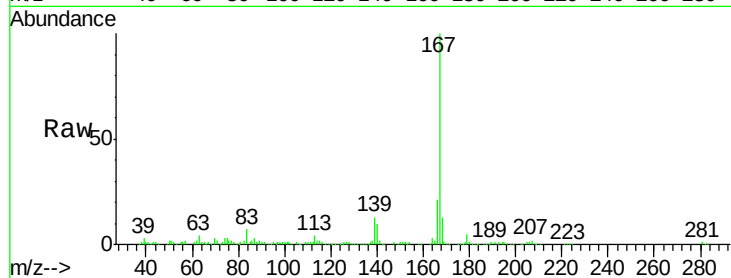
ClientSampled :

B0BT9

Tgt Ion:	167	Resp:	296460
Ion Ratio		Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.2	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 62.72 ng/ul

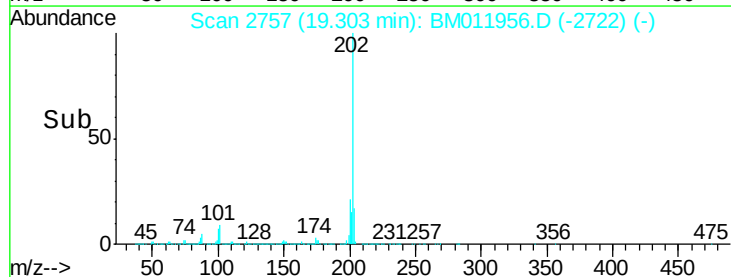
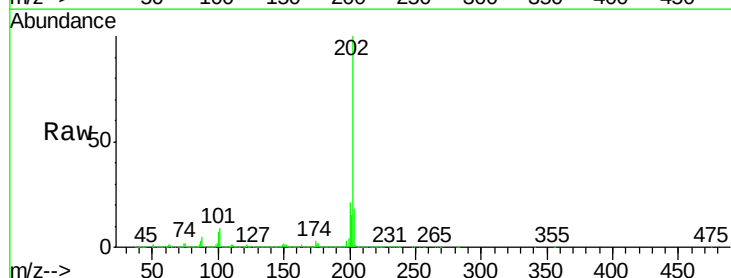
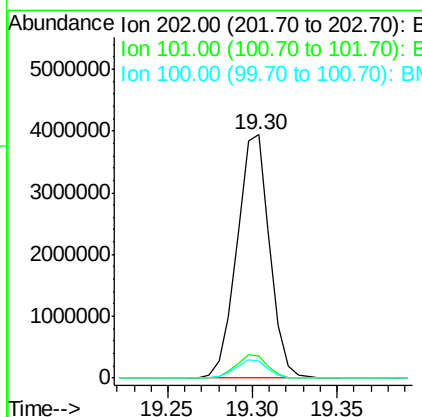
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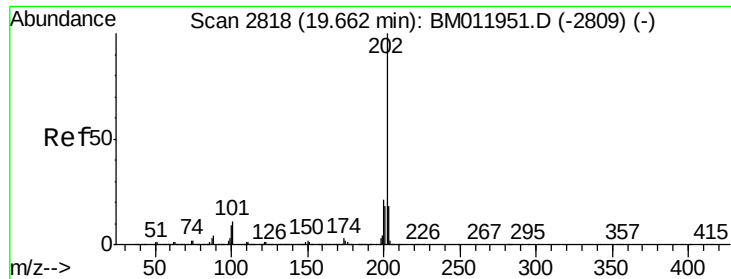
Delta R.T. 0.01 min

Lab File: BM011956.D

Acq: 07 Oct 2017 00:54

Tgt Ion:	202	Resp:	5288788
Ion Ratio		Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pyrene

Concen: 60.38 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM011956.D

Acq: 07 Oct 2017 00:54

Instrument :

BNA_M

ClientSampleId :

B0BT9

Tgt Ion:202 Resp: 4517853

Ion Ratio Lower Upper

202 100

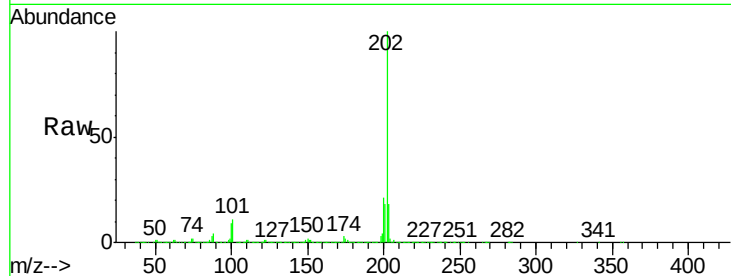
101 10.9 5.1 7.7#

100 9.2 4.9 7.3#

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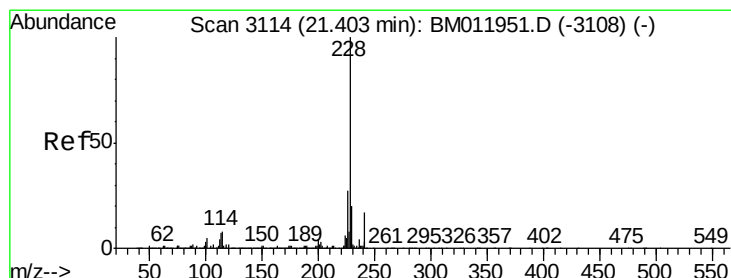
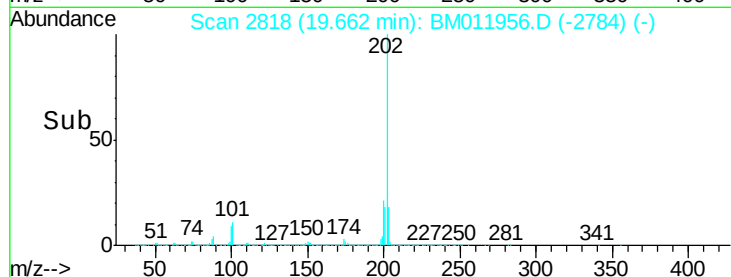
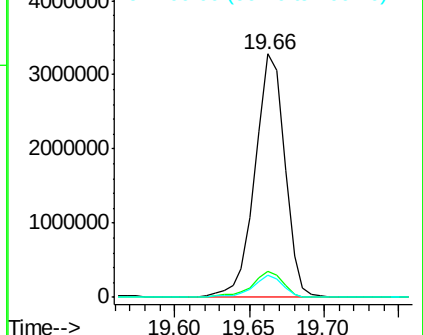
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 26.05 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM011956.D

Acq: 07 Oct 2017 00:54

Tgt Ion:228 Resp: 2013576

Ion Ratio Lower Upper

228 100

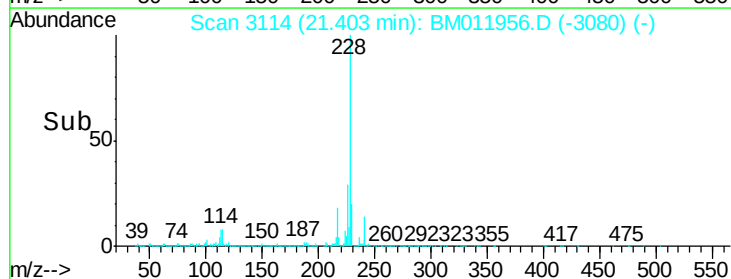
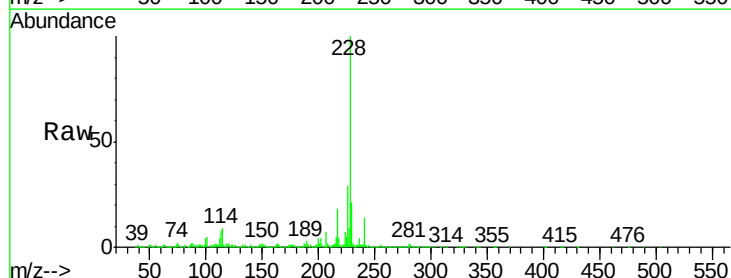
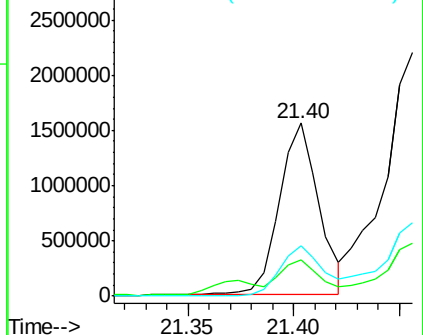
229 21.0 15.4 23.0

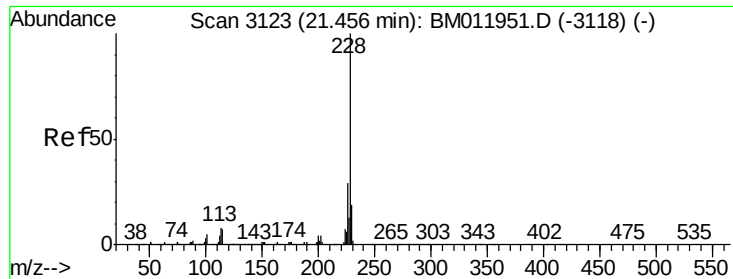
226 28.9 21.4 32.0

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





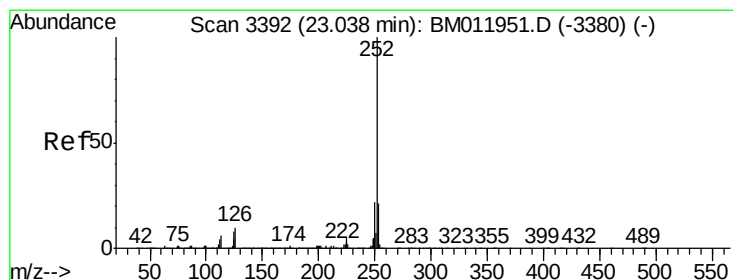
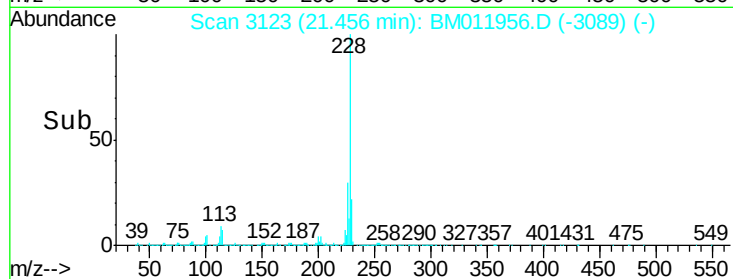
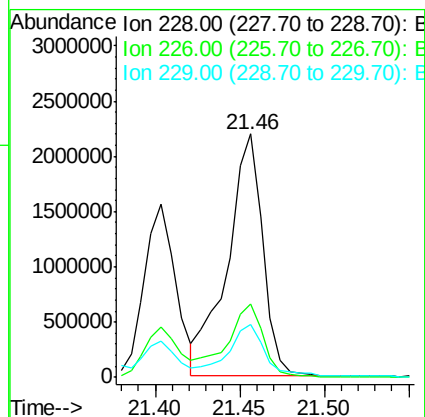
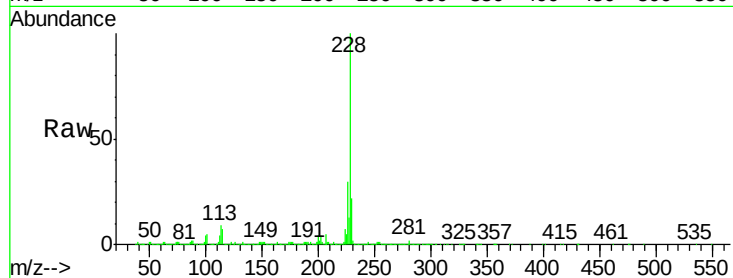
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Chrysene
 Concen: 43.46 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM011956.D
 Acq: 07 Oct 2017 00:54

Instrument :
 BNA_M
 ClientSampled :
 B0BT9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.0	15.5	23.3

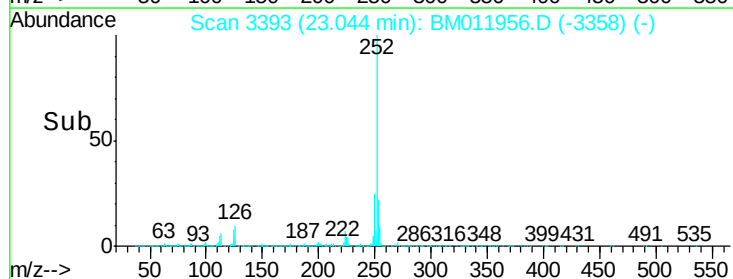
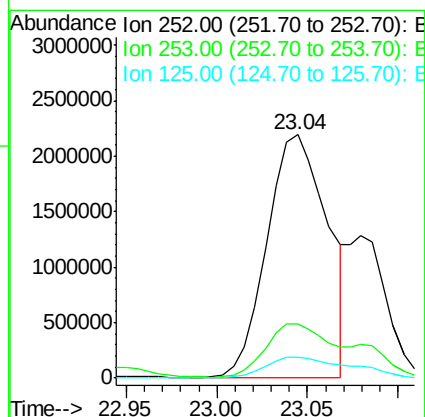
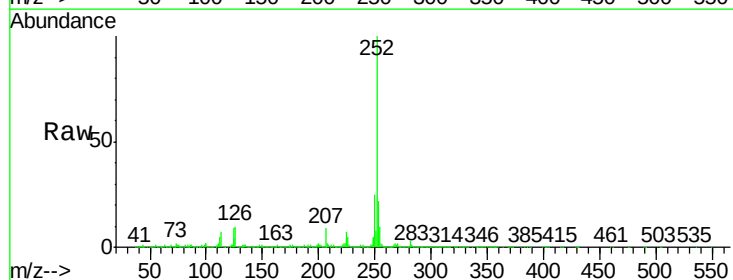
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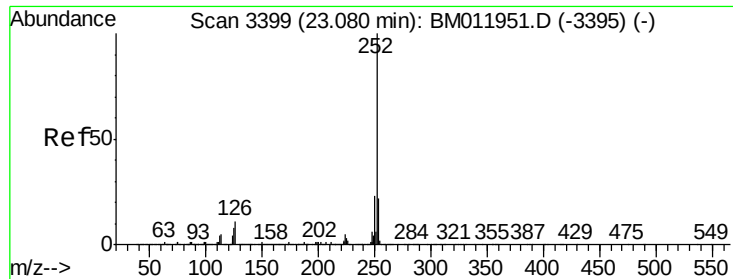
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#85
Benzo(b)fluoranthene
 Concen: 56.06 ng/ul
 RT: 23.04 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: BM011956.D
 Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.6	3.6	5.4





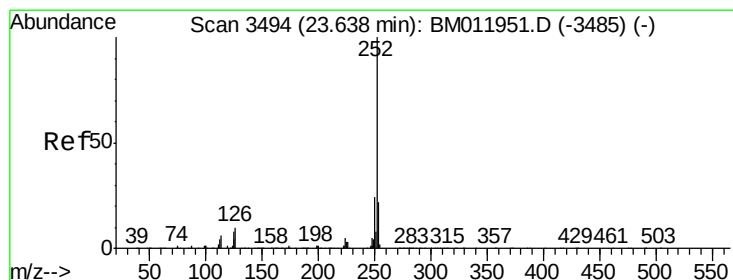
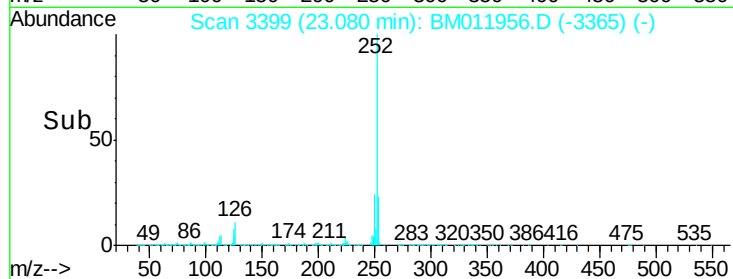
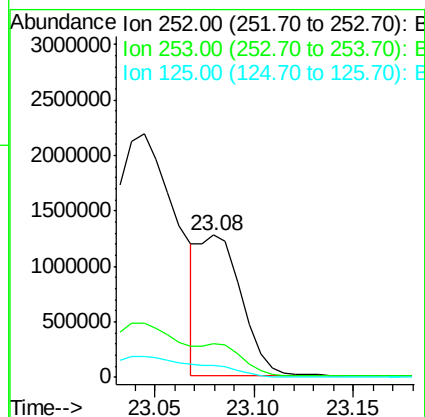
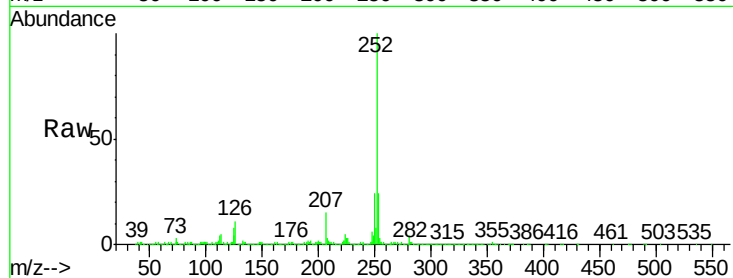
#86
Benzo(k)fluoranthene
Concen: 20.90 ng/ul m
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Instrument :
BNA_M
ClientSampled :
B0BT9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.4	3.4	5.2

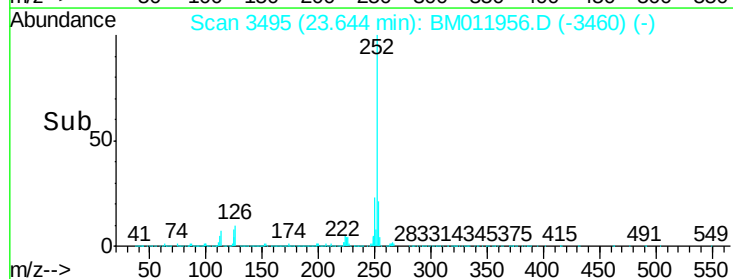
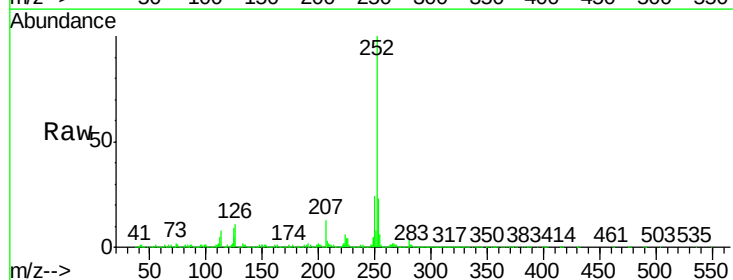
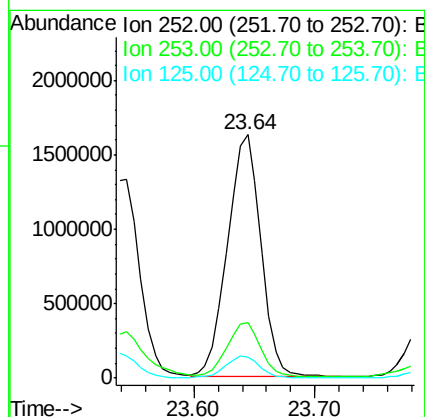
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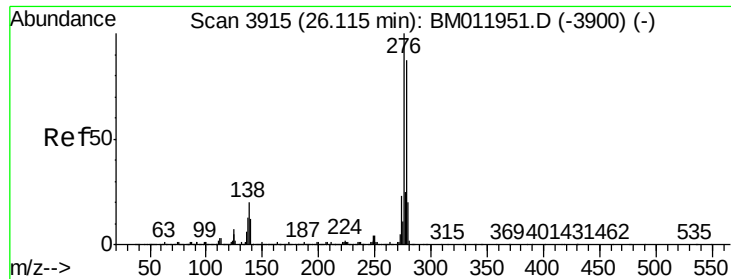
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#88
Benzo(a)pyrene
Concen: 35.59 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM011956.D
Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.7	4.0	6.0





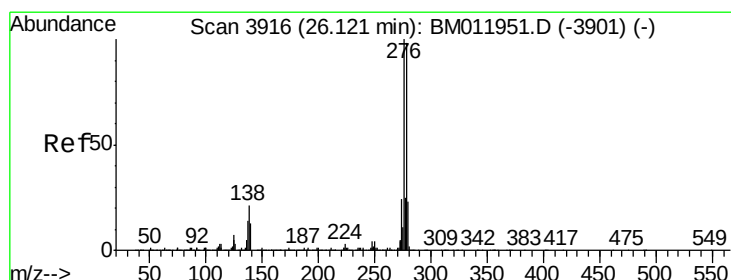
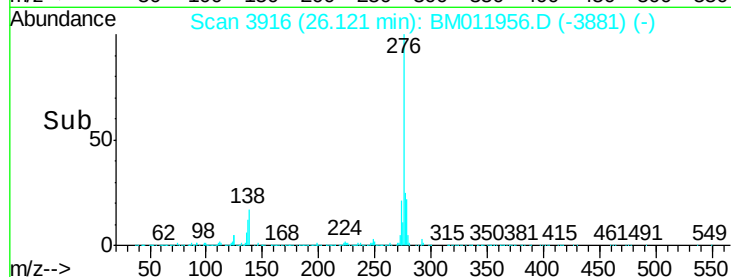
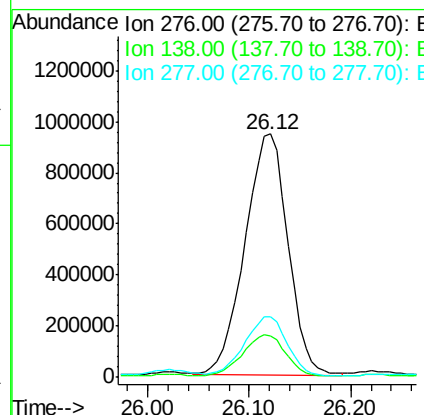
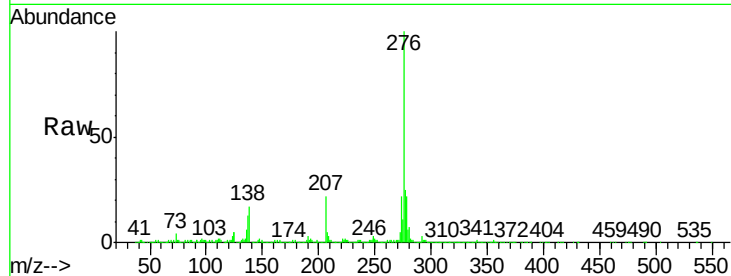
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 29.86 ng/ul
 RT: 26.12 min Scan# 3916
 Delta R.T. 0.01 min
 Lab File: BM011956.D
 Acq: 07 Oct 2017 00:54

Instrument :
 BNA_M
 ClientSampleId :
 B0BT9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	9.3	13.9#
277	25.1	19.9	29.9

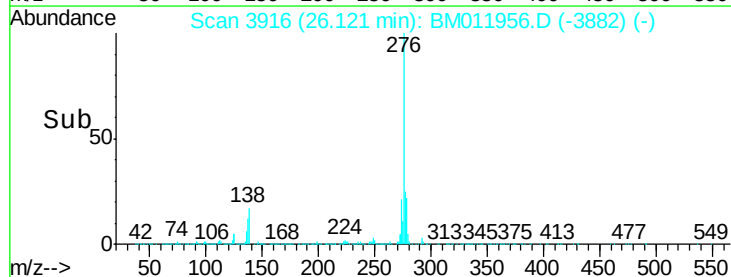
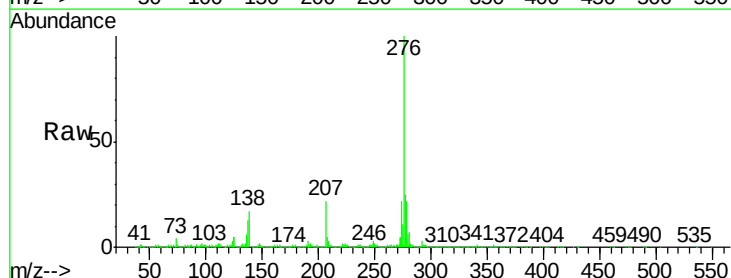
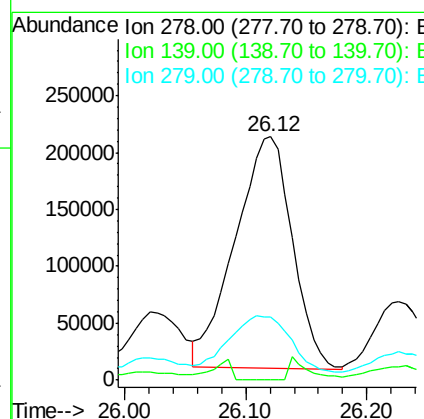
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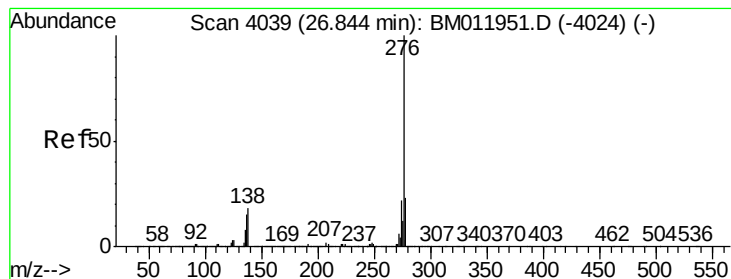
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#90
 Dibenzo(a,h)anthracene
 Concen: 8.73 ng/ul
 RT: 26.12 min Scan# 3916
 Delta R.T. 0.00 min
 Lab File: BM011956.D
 Acq: 07 Oct 2017 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.2	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 32.65 ng/ul

RT: 26.85 min Scan# 4040

Delta R.T. 0.01 min

Lab File: BM011956.D

Acq: 07 Oct 2017 00:54

Instrument :

BNA_M

ClientSampleId :

B0BT9

Tgt Ion: 276 Resp: 2518233

Ion Ratio Lower Upper

276 100

138 18.0 8.5 12.7#

277 24.5 18.6 28.0

Manual Integrations

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