

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012656.D
 Acq On : 02 Nov 2017 02:46
 Operator : SJ/JU
 Sample : I5937-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DT6

Manual Integrations
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Sohil
 11/2/2017 5:22:31 PM

Quant Time: Nov 02 04:46:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 04:04:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	244495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1075977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	707551	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1820953	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2858543	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3590433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	24558m	5.13	ng/uL	0.00
5) Phenol-d5	7.01	99	434998	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	275199	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	356444	23.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	354912	20.33	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	184235	27.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	215283	31.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	403393	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	443928	22.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1370277	22.17	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1626399	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	183655	19.99	ng/ul	0.00
57) Fluorene-d10	15.46	176	1215793	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	166759	18.92	ng/ul	0.00
70) Anthracene-d10	17.32	188	2043662	23.55	ng/ul	0.00
76) Pyrene-d10	19.60	212	2572719	19.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	3916463	22.96	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.03	94	40017	1.882	ng/ul#	85
28) Naphthalene	10.68	128	122166	2.290	ng/ul	97
44) Dimethylphthalate	13.93	163	332459	5.437	ng/ul	100
47) Acenaphthylene	14.19	152	293479	4.206	ng/ul	99
53) Dibenzofuran	14.87	168	158878	2.246	ng/ul	95
58) Fluorene	15.52	166	99949	1.671	ng/ul#	97
69) Phenanthrene	17.26	178	2685166	27.268	ng/ul	99
71) Anthracene	17.34	178	270123	2.654	ng/ul	98
72) Carbazole	17.62	167	246450	2.923	ng/ul	99
74) Fluoranthene	19.27	202	4203820	37.674	ng/ul#	92
77) Pyrene	19.63	202	3396851	20.896	ng/ul#	89
80) Benzo(a)anthracene	21.37	228	1891559	11.050	ng/ul	95
82) Chrysene	21.43	228	2077735	13.652	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	3316506	14.943	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	1007616m	4.823	ng/ul	
88) Benzo(a)pyrene	23.59	252	2108066	9.962	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	1468548	5.896	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.00	278	393094	1.862	ng/ul#	86
91) Benzo(g,h,i)perylene	26.72	276	1057379	5.239	ng/ul#	94

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

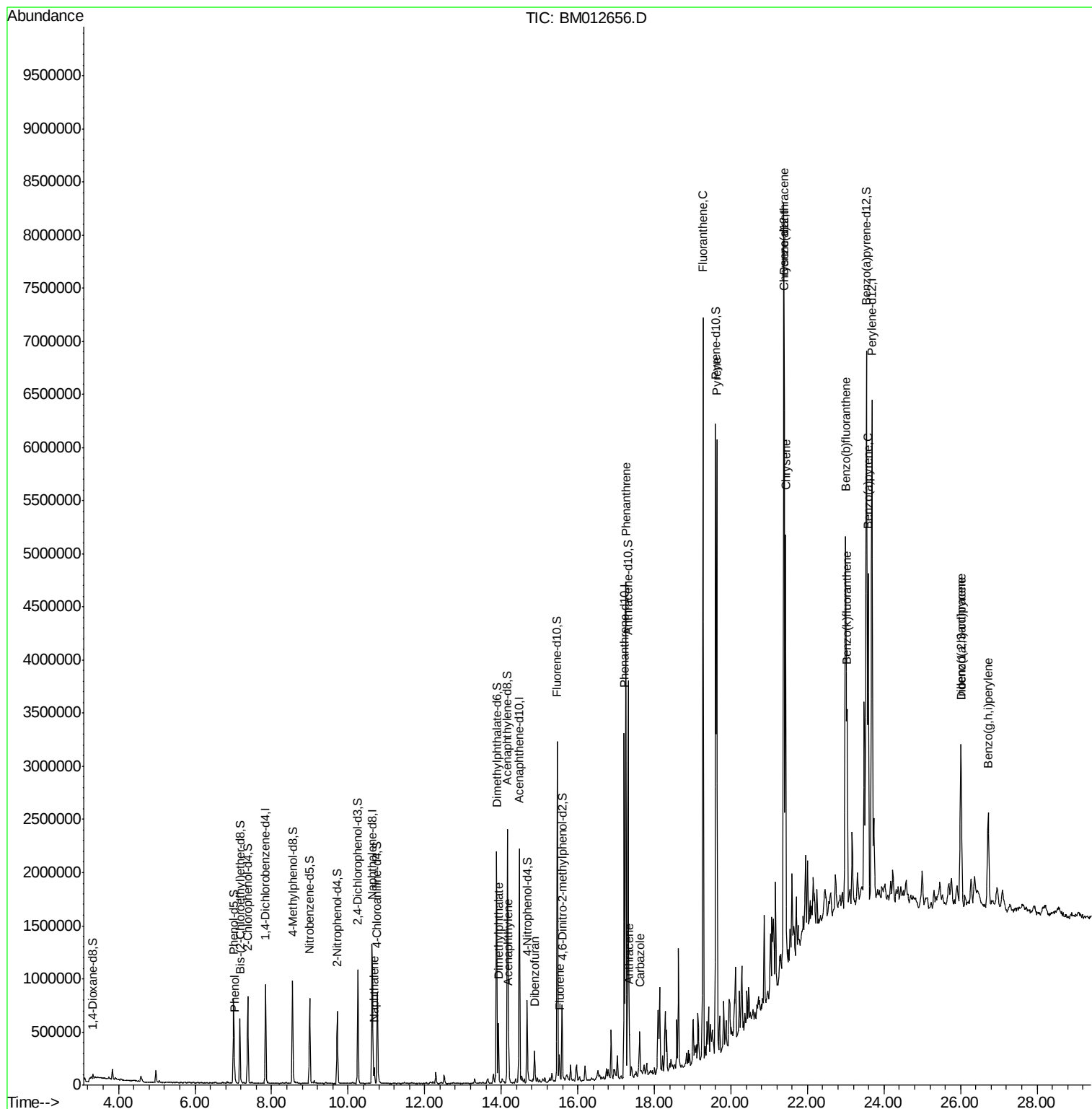
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012656.D
Acq On : 02 Nov 2017 02:46
Operator : SJ/JU
Sample : I5937-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

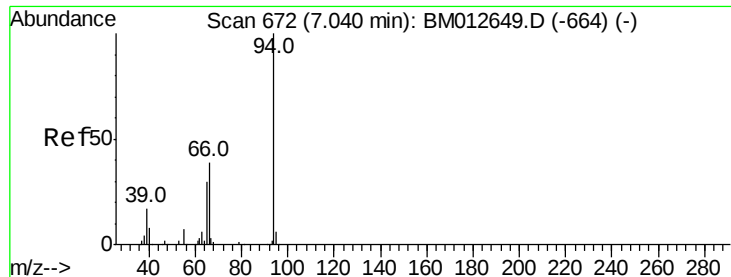
Instrument :
BNA_M
ClientSampleId :
B0DT6

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Quant Time: Nov 02 04:46:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.882 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Instrument :

BNA_M

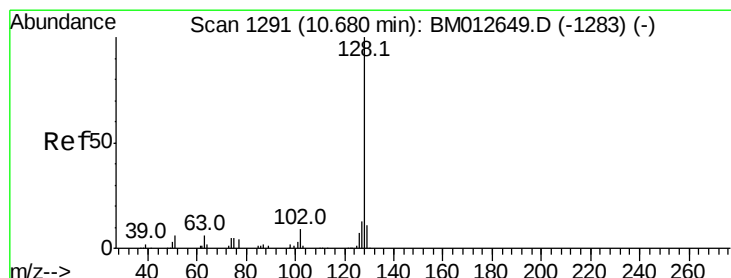
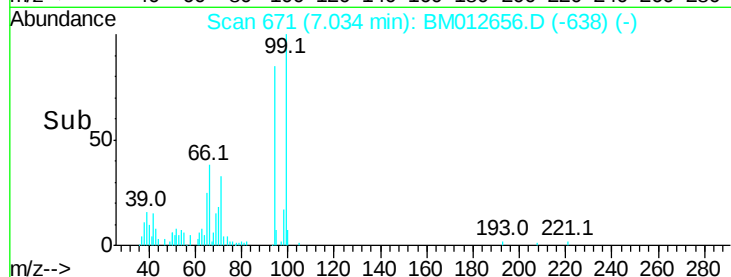
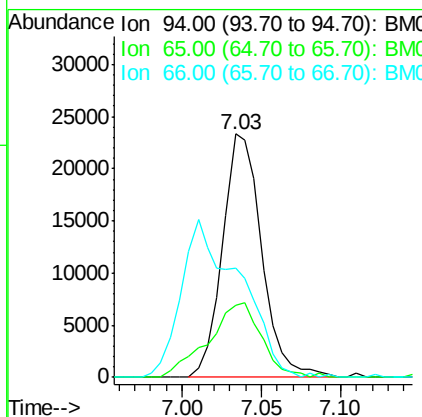
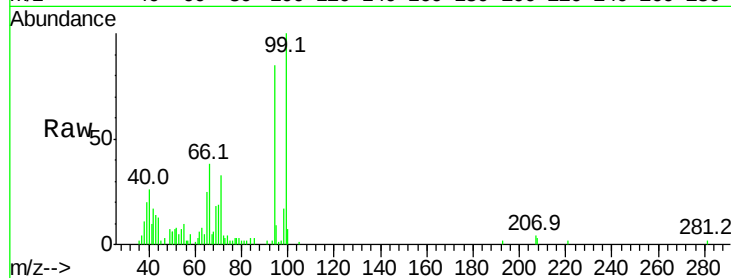
ClientSampleId :

B0DT6

Tot Ion:	94	Resp:	40017
Ion Ratio	Lower	Upper	
94	100		
65	29.8	28.2	42.4
66	44.9	47.2	70.8#

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#28

Naphthalene

Concen: 2.290 ng/ul

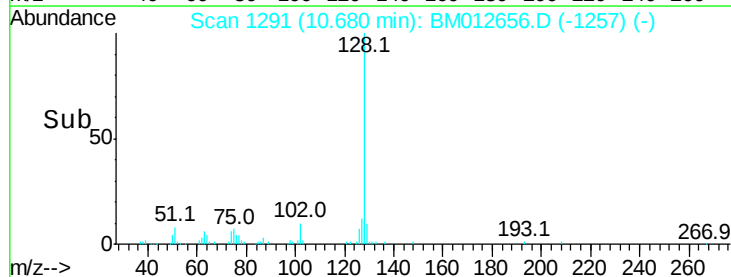
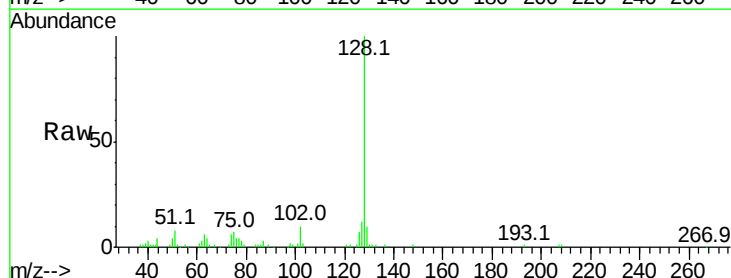
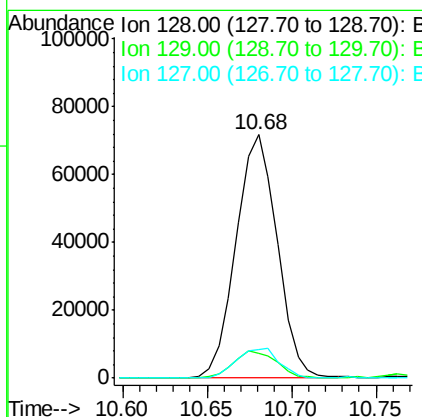
RT: 10.68 min Scan# 1291

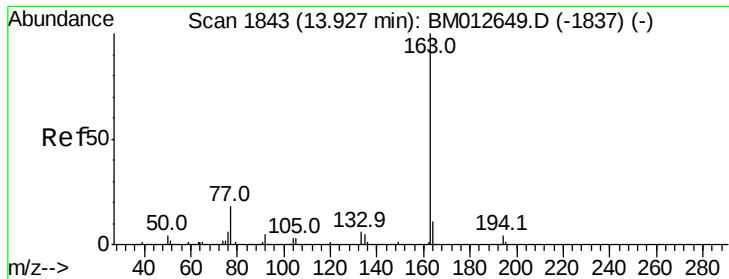
Delta R.T. -0.00 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Tgt Ion:	128	Resp:	122166
Ion Ratio	Lower	Upper	
128	100		
129	10.1	8.8	13.2
127	11.8	10.6	16.0





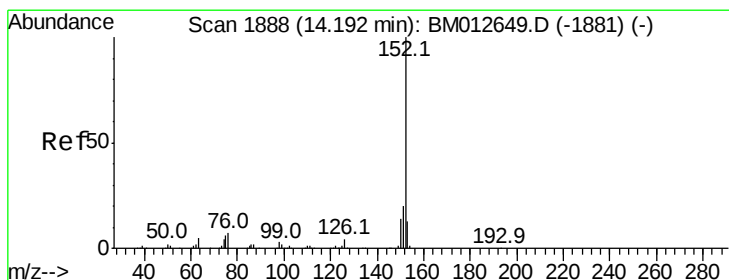
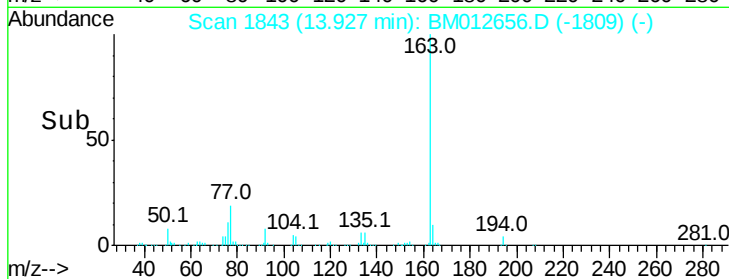
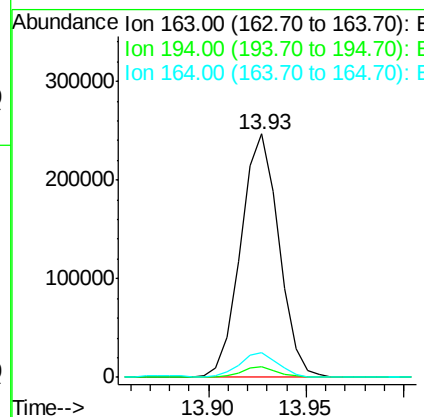
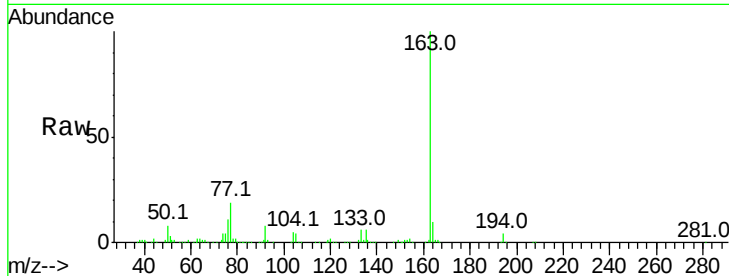
#44
Dimethylphthalate
Concen: 5.437 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	332459		
194	4.2		3.5	5.3
164	10.2		8.2	12.4

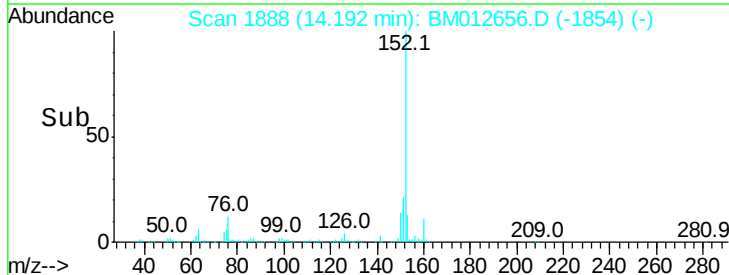
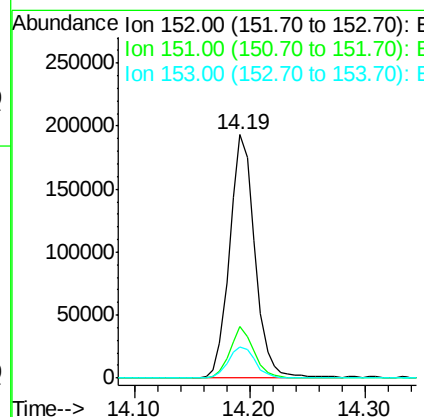
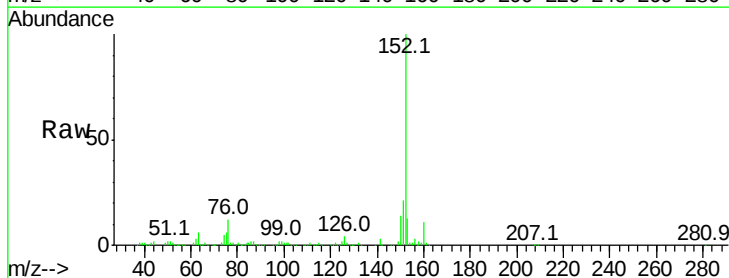
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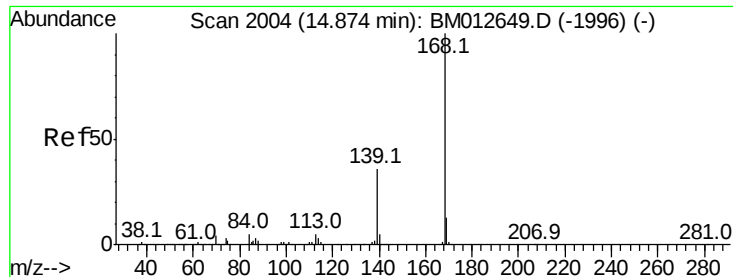
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#47
Acenaphthylene
Concen: 4.206 ng/ul
RT: 14.19 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	293479		
151	21.0		16.3	24.5
153	12.9		10.2	15.4





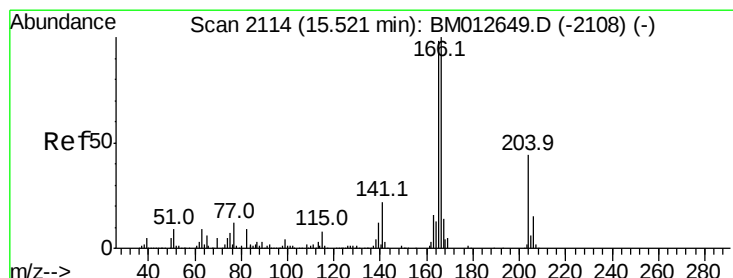
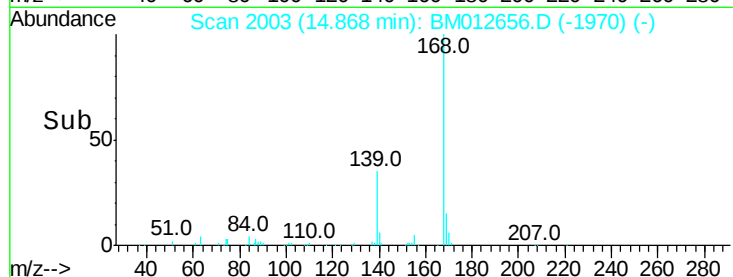
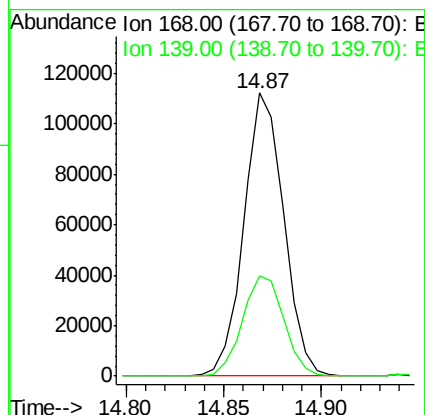
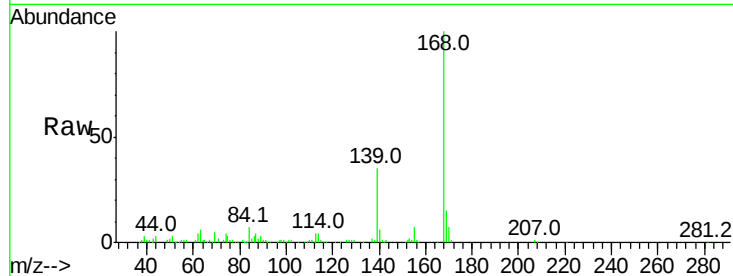
#53
Dibenzofuran
Concen: 2.246 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tot Ion:168 Resp: 158878
Ion Ratio Lower Upper
168 100
139 35.4 30.8 46.2

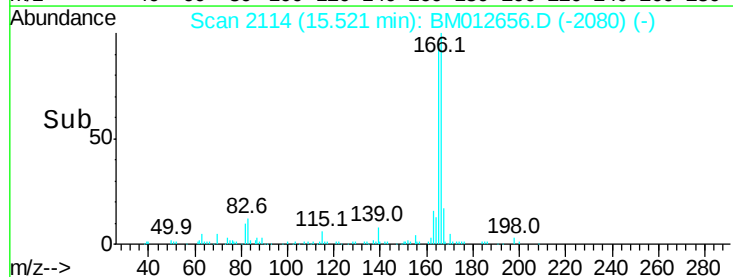
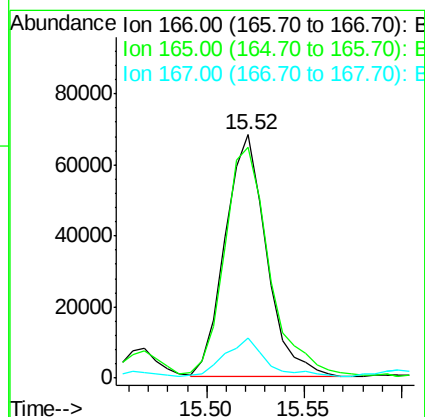
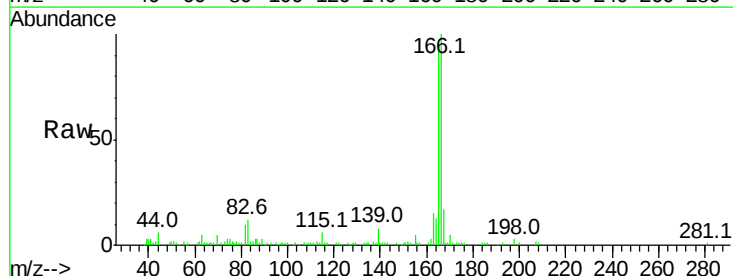
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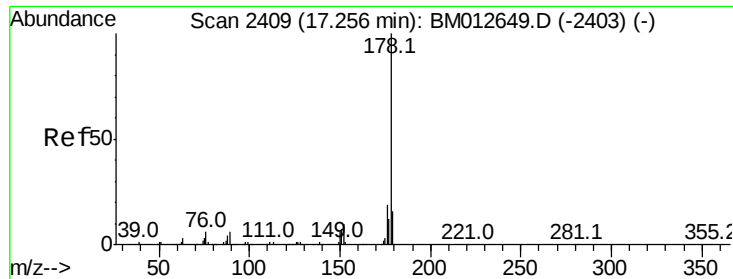
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#58
Fluorene
Concen: 1.671 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:166 Resp: 99949
Ion Ratio Lower Upper
166 100
165 94.6 77.9 116.9
167 16.5 10.6 16.0#





#69

Phenanthrene

Concen: 27.268 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Instrument :

BNA_M

ClientSampled :

B0DT6

Tot Ion:178 Resp: 2685166

Ion Ratio Lower Upper

178 100

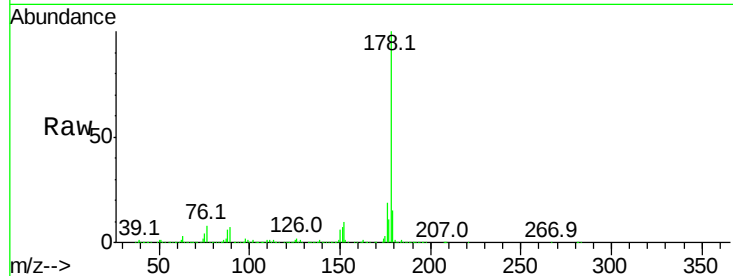
179 15.1 12.6 19.0

176 18.7 14.9 22.3

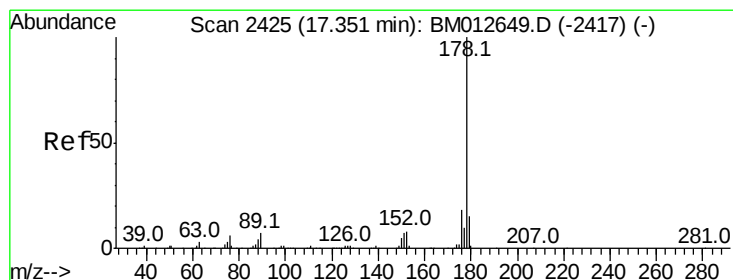
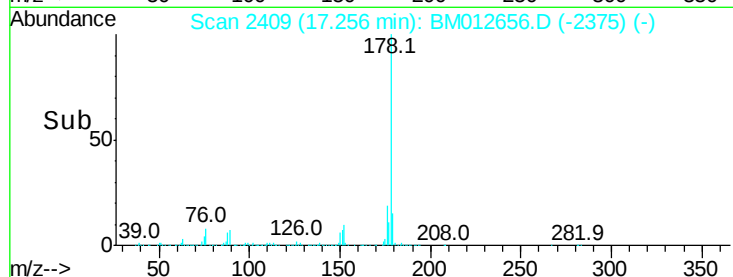
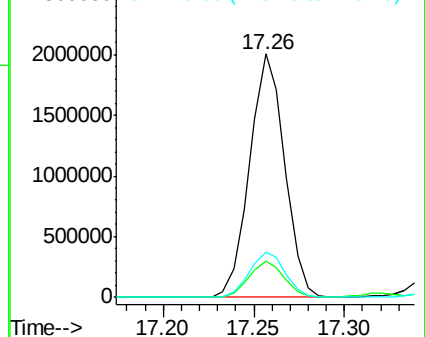
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.654 ng/ul

RT: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

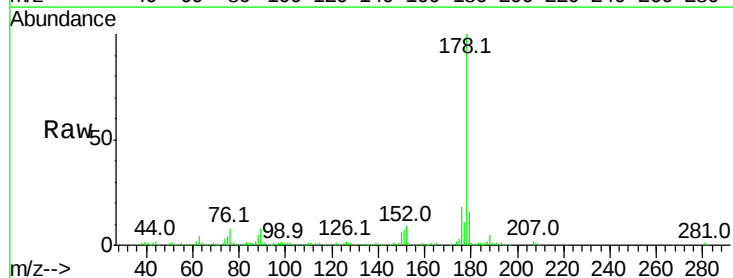
Tgt Ion:178 Resp: 270123

Ion Ratio Lower Upper

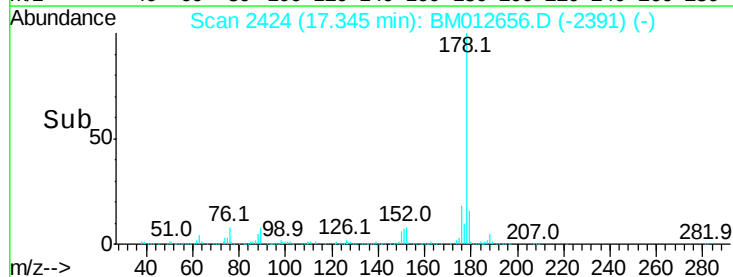
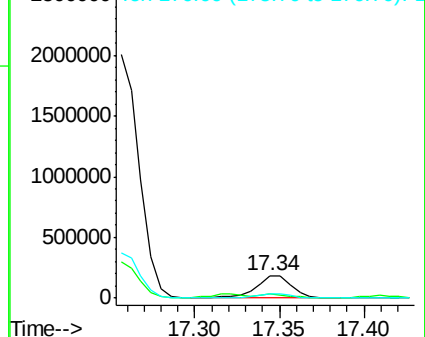
178 100

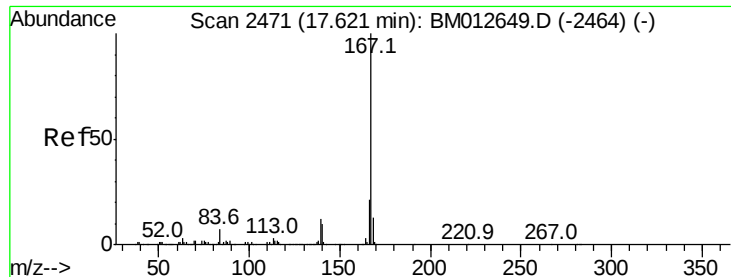
179 16.3 11.7 17.5

176 18.3 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 2.923 ng/ul

RT: 17.62 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Instrument :

BNA_M

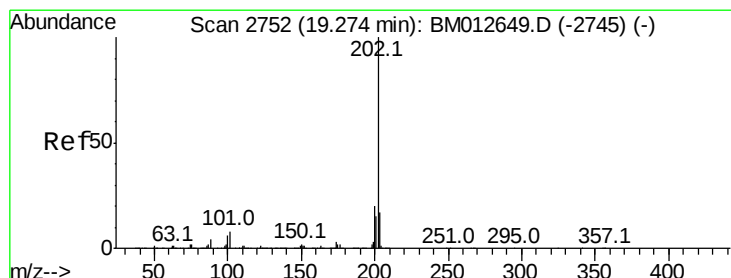
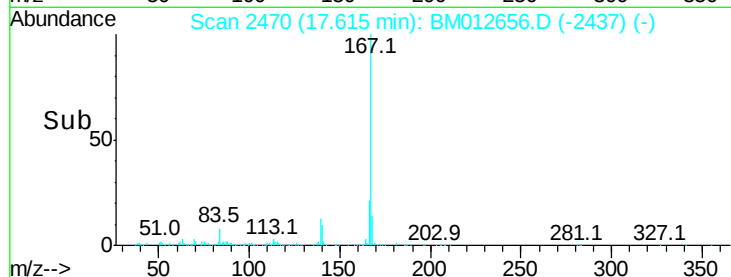
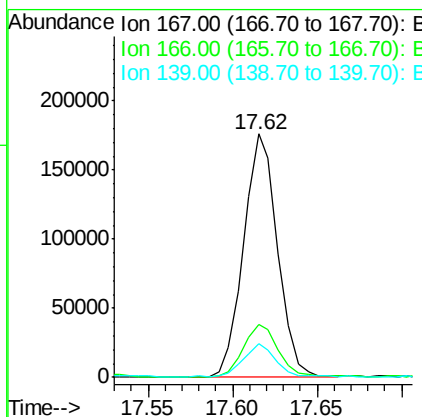
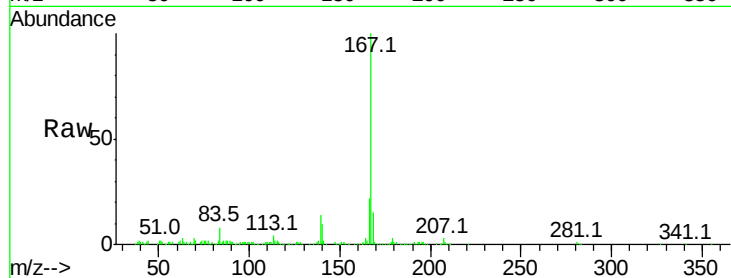
ClientSampleId :

B0DT6

Tot Ion:	167	Resp:	246450
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.1	25.7
139	13.6	10.0	15.0

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#74

Fluoranthene

Concen: 37.674 ng/ul

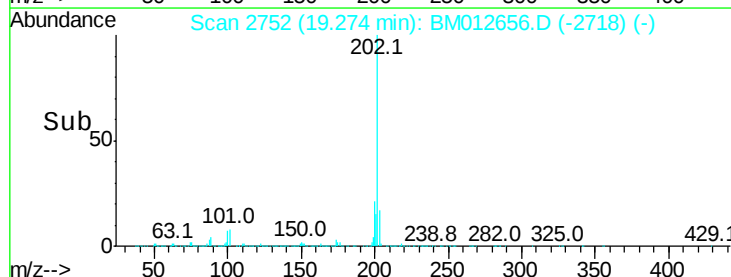
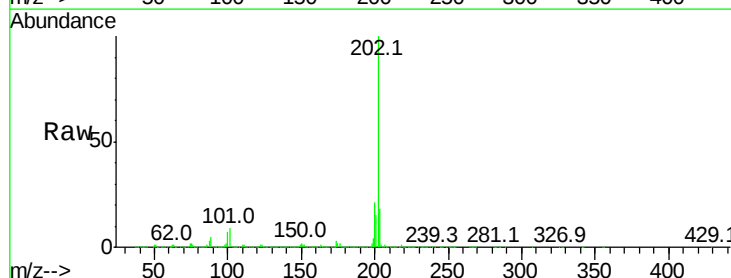
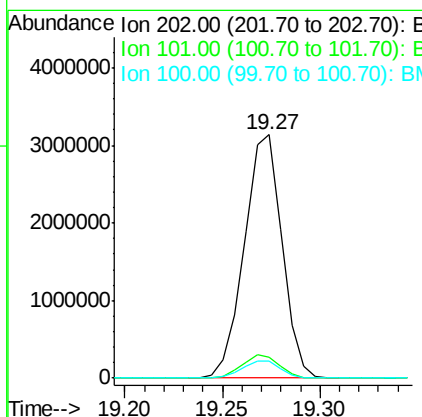
RT: 19.27 min Scan# 2752

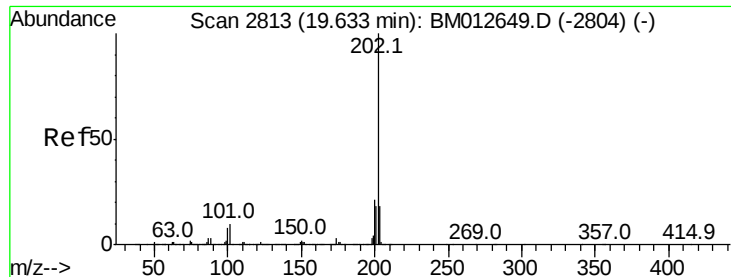
Delta R.T. -0.00 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Tgt Ion:	202	Resp:	4203820
Ion Ratio	Lower	Upper	
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#





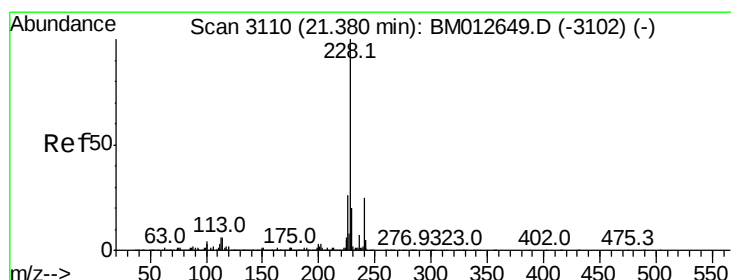
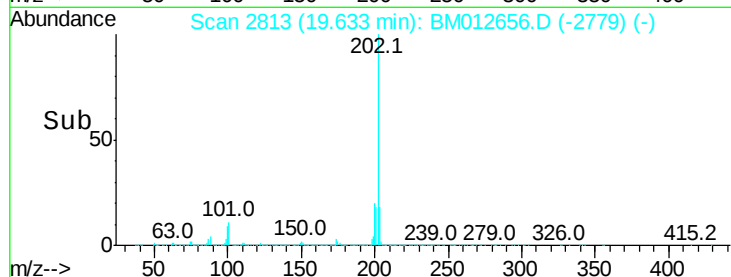
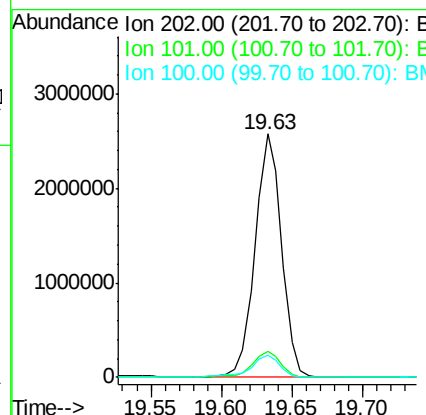
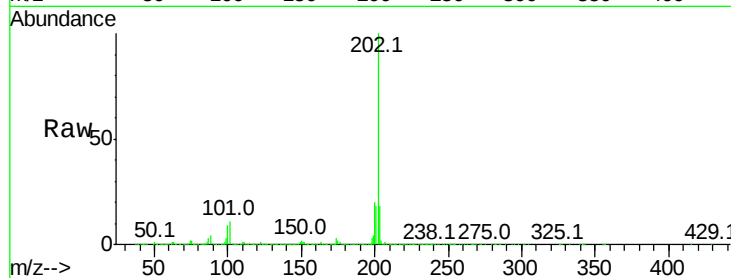
#77
Pvrene
Concen: 20.896 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	5.1	7.7#
100	9.3	4.9	7.3#

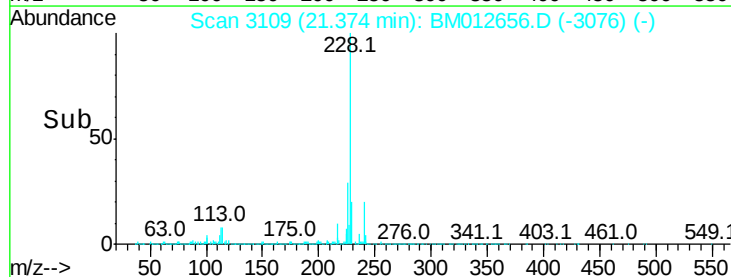
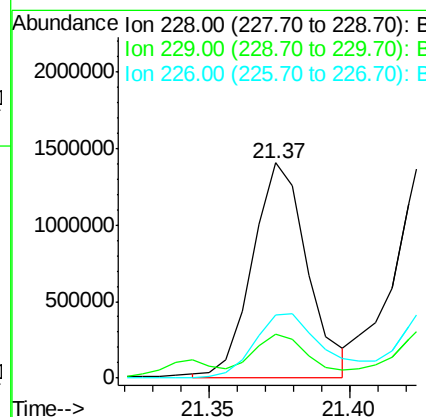
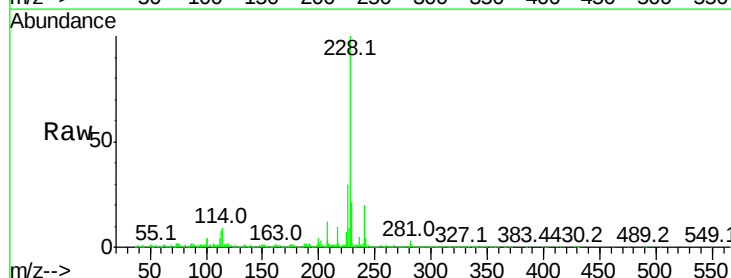
Manual Integrations
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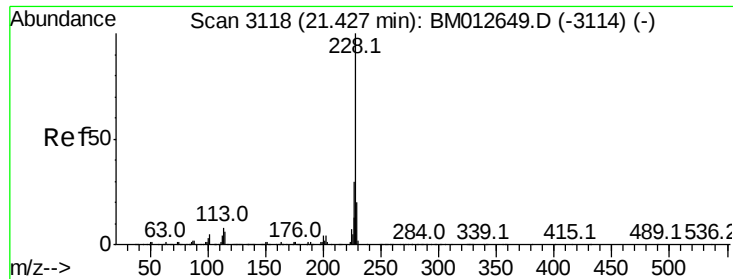
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#80
Benzo(a)anthracene
Concen: 11.050 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.5	21.4	32.0





#82

Chrysene

Concen: 13.652 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Instrument :

BNA_M

ClientSampleId :

B0DT6

Tot Ion:228 Resp: 2077735

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.7	15.5	23.3

228 100

226 29.9 23.4 35.2

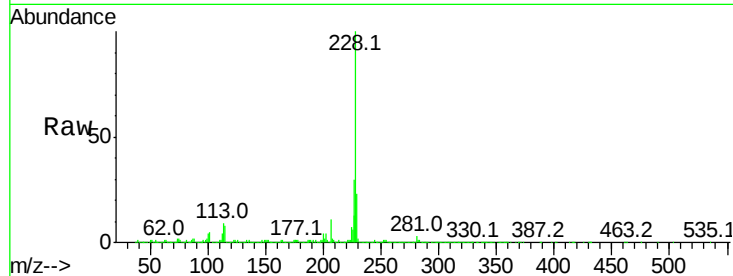
229 22.7 15.5 23.3

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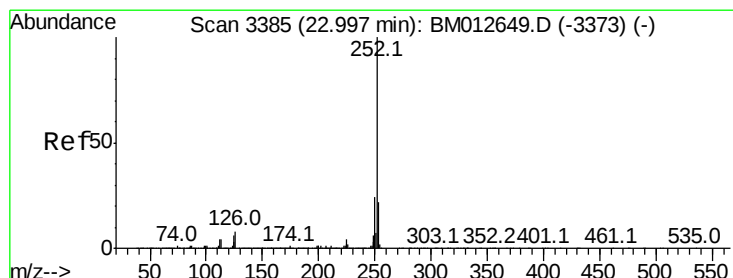
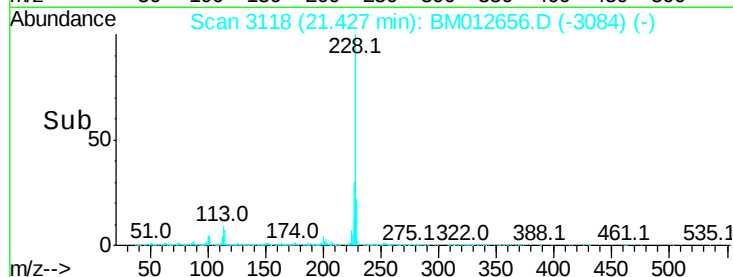
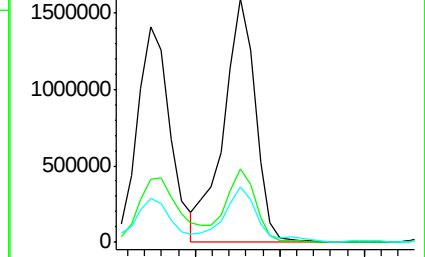
11/2/2017 5:22:31 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 14.943 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

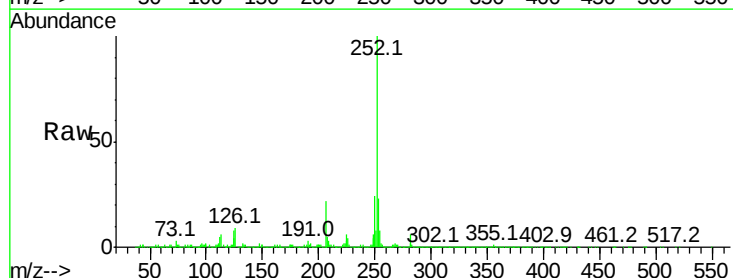
Tgt Ion:252 Resp: 3316506

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	8.0	3.6	5.4

252 100

253 22.6 17.9 26.9

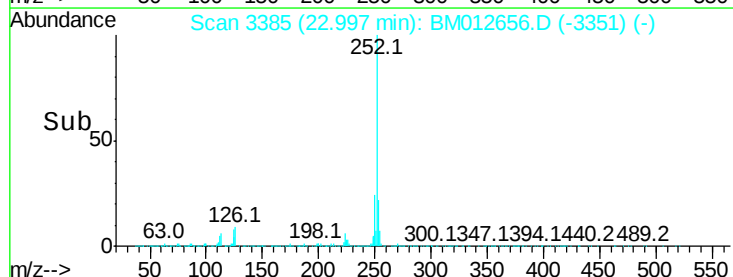
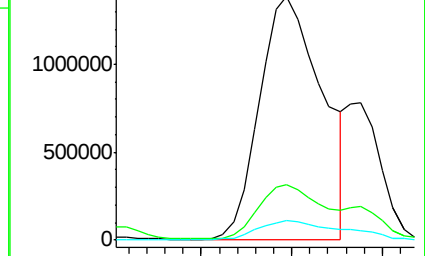
125 8.0 3.6 5.4

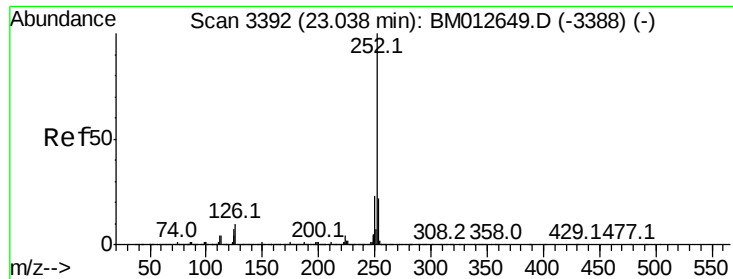


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





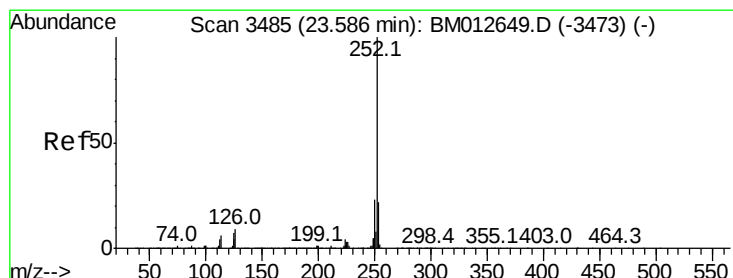
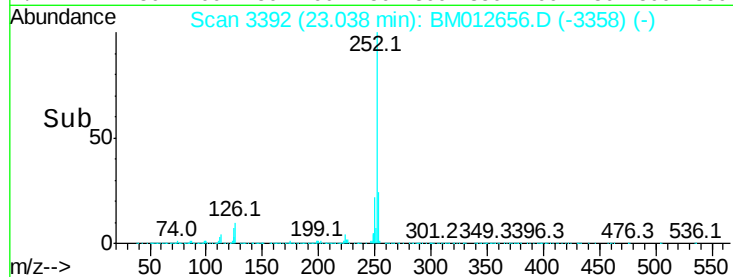
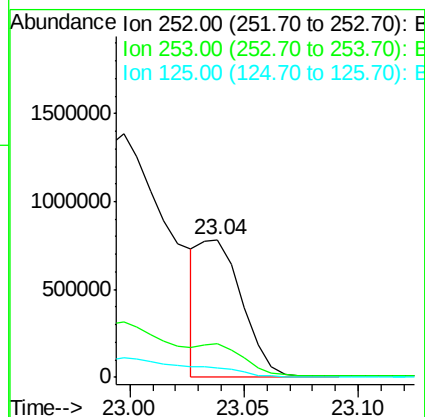
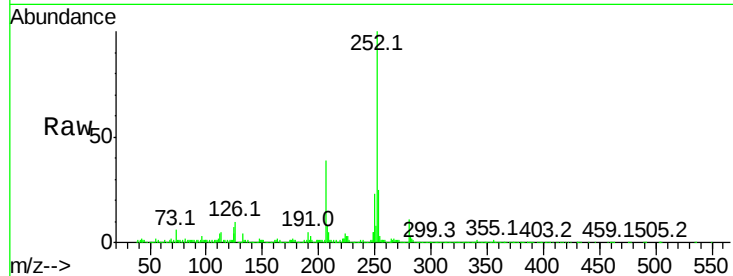
#86
Benzo(k)fluoranthene
Concen: 4.823 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampled :
B0DT6

Tot Ion:252 Resp: 1007616
Ion Ratio Lower Upper
252 100
253 24.8 17.1 25.7
125 7.2 3.4 5.2#

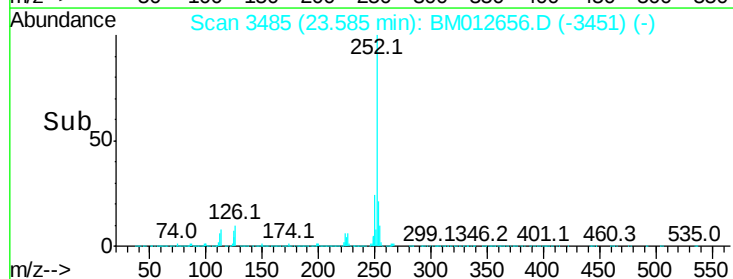
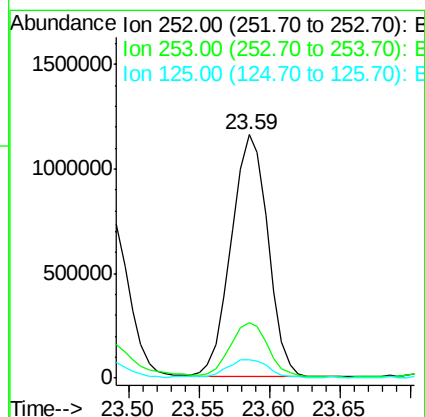
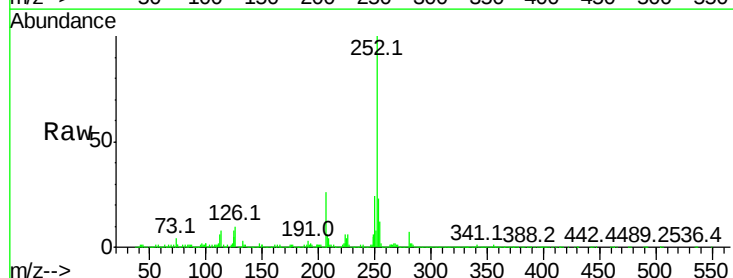
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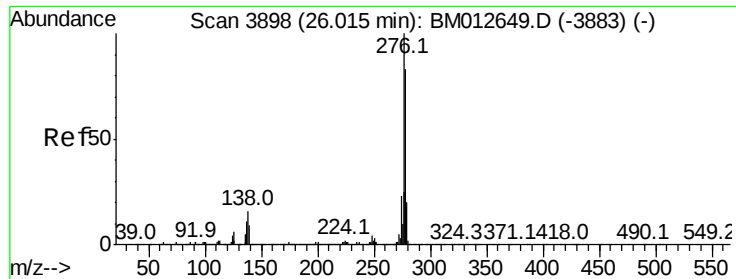
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11/2/2017 5:22:31 PM



#88
Benzo(a)pyrene
Concen: 9.962 ng/ul
RT: 23.59 min Scan# 3485
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:252 Resp: 2108066
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 7.8 4.0 6.0#





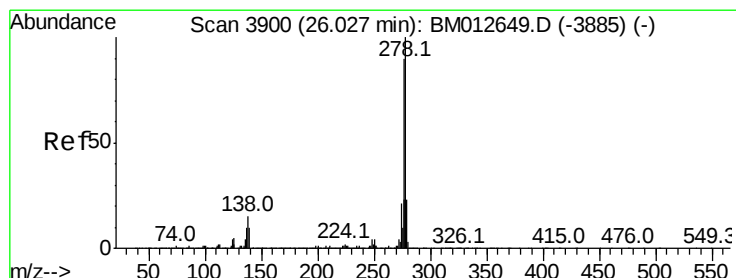
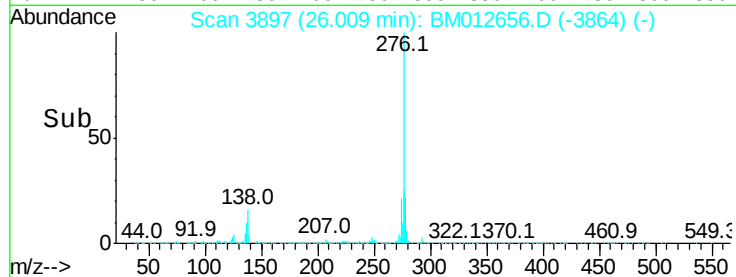
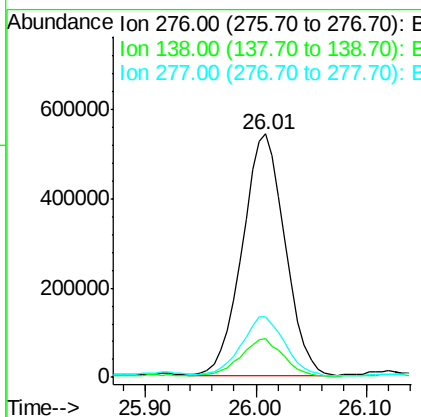
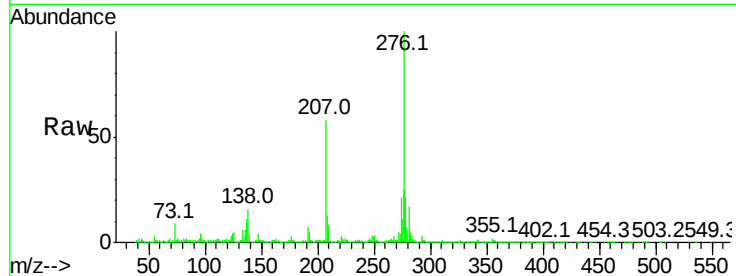
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 5.896 ng/ul
 RT: 26.01 min Scan# 3897
 Delta R.T. -0.01 min
 Lab File: BM012656.D
 Acq: 02 Nov 2017 02:46

Instrument :
 BNA_M
 ClientSampleId :
 B0DT6

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.3	13.9#
277	25.0	19.9	29.9

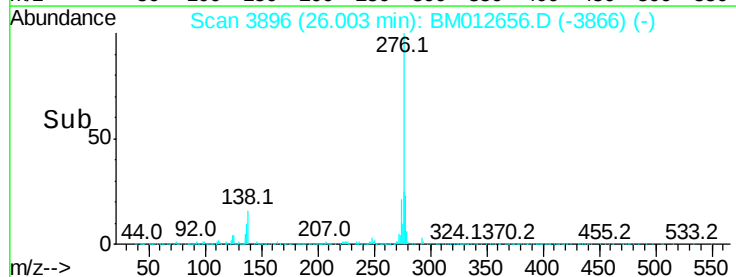
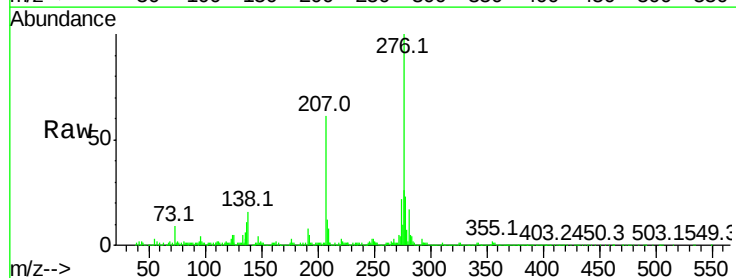
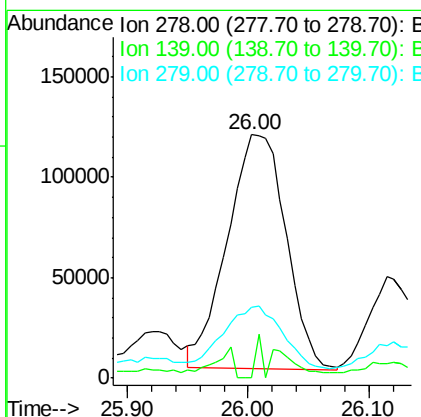
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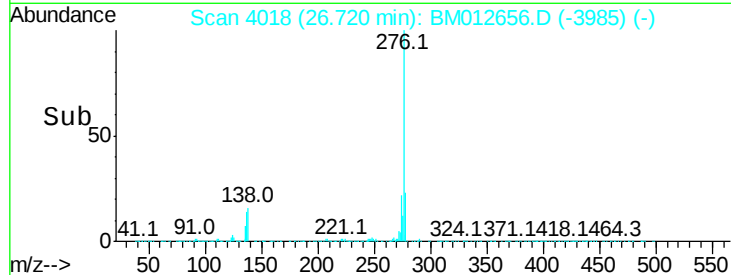
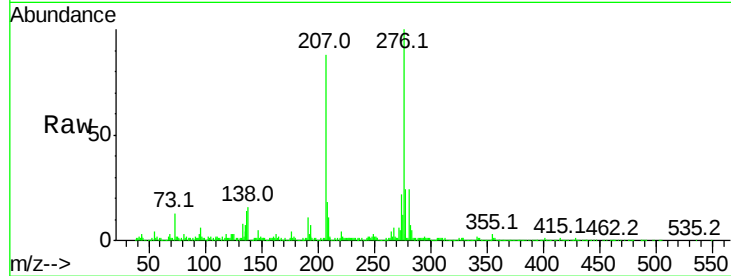
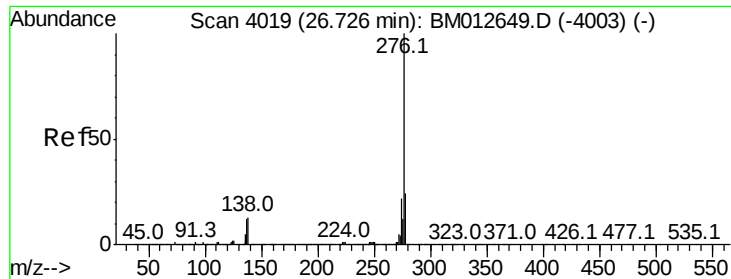
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 11/2/2017 5:22:31 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.862 ng/ul
 RT: 26.00 min Scan# 3896
 Delta R.T. -0.02 min
 Lab File: BM012656.D
 Acq: 02 Nov 2017 02:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.2	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 5.239 ng/ul

RT: 26.72 min Scan# 4018

Delta R.T. -0.01 min

Lab File: BM012656.D

Acq: 02 Nov 2017 02:46

Tot Ion:	276	Resp:	1057379
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.5	12.7#
277	24.1	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

B0DT6

Manual Integrations
APPROVED

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