

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012845.D
 Acq On : 09 Nov 2017 09:42
 Operator : SJ/JU
 Sample : I6096-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-7

Manual Integrations
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Quant Time: Nov 09 10:36:26 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	132814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	550640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	328817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	664536m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	555558	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	630541	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	10397	4.23	ng/uL	0.00
5) Phenol-d5	6.98	99	246169	24.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	135392	25.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	211152	25.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	202302	23.72	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	104154	25.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	110580	23.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	230155	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	183607	19.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	705209	25.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	843246	25.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	81103	18.60	ng/ul	0.00
57) Fluorene-d10	15.43	176	581849	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	12755	2.91	ng/ul	0.00
70) Anthracene-d10	17.29	188	830455	25.86	ng/ul	0.00
78) Pyrene-d10	19.59	212	712646	27.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	754312	25.30	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.01	94	29195	2.878	ng/ul	97
28) Naphthalene	10.64	128	49163	1.786	ng/ul	99
44) Dimethylphthalate	13.90	163	212018	7.852	ng/ul	99
47) Acenaphthylene	14.16	152	165757	5.081	ng/ul	99
53) Dibenzofuran	14.84	168	33101	1.021	ng/ul	93
69) Phenanthrene	17.23	178	397831m	10.953	ng/ul	
71) Anthracene	17.32	178	114424	3.038	ng/ul	99
74) Carbazole	17.60	167	58449	1.861	ng/ul	96
76) Fluoranthene	19.25	202	1013451m	23.219	ng/ul	
79) Pyrene	19.62	202	1097461	33.110	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	667877	19.867	ng/ul#	93
84) Chrysene	21.41	228	768871	25.236	ng/ul#	95
87) Benzo(b)fluoranthene	22.98	252	1951720	50.650	ng/ul#	97
88) Benzo(k)fluoranthene	23.02	252	532258m	14.532	ng/ul	
90) Benzo(a)pyrene	23.57	252	1337589m	36.480	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.00	276	1152974	26.091	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.99	278	324575	8.677	ng/ul#	76
93) Benzo(g,h,i)perylene	26.72	276	1053196	28.923	ng/ul#	90

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

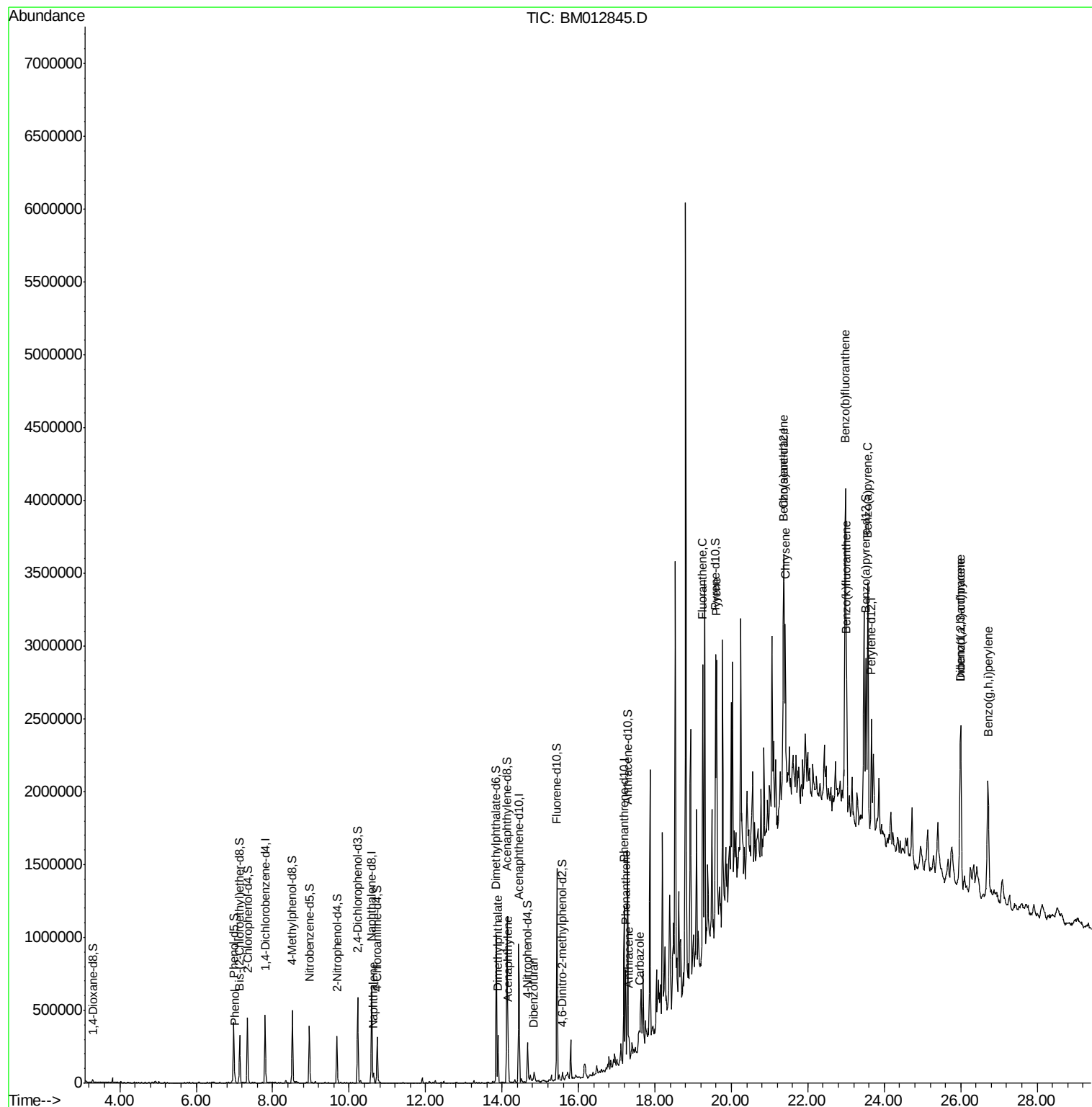
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012845.D
Acq On : 09 Nov 2017 09:42
Operator : SJ/JU
Sample : I6096-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

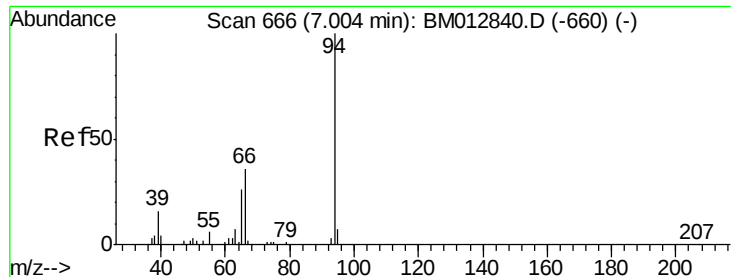
Instrument :
BNA_M
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DUP-7

Quant Time: Nov 09 10:36:26 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
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#6

Phenol

Concen: 2.878 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

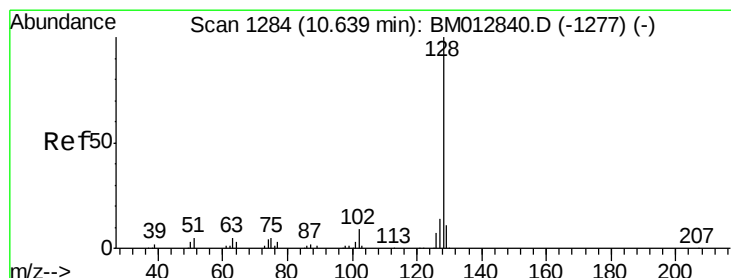
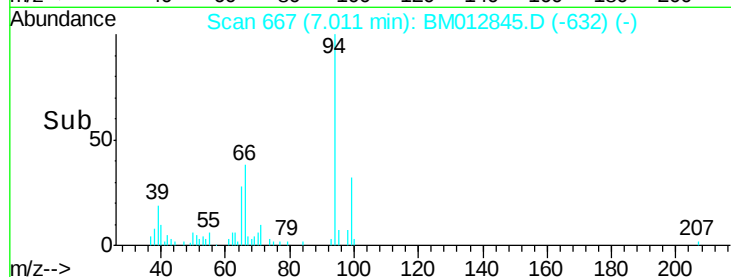
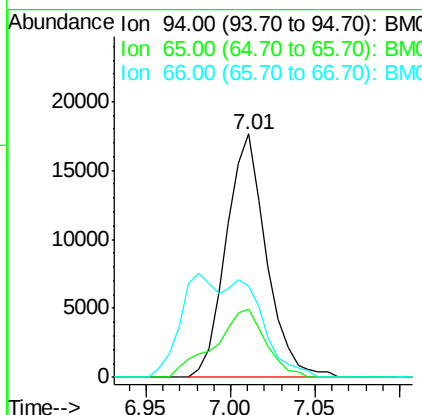
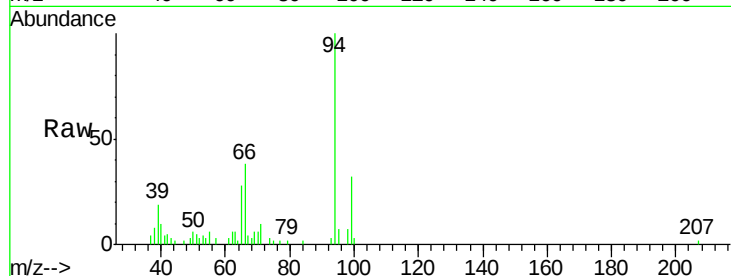
ClientSampleId :

DUP-7

Tgt Ion:	94	Resp:	29195
Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.0	31.6
66	37.6	29.3	43.9

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#28

Naphthalene

Concen: 1.786 ng/ul

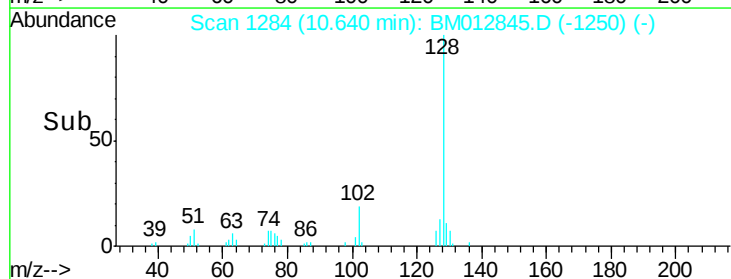
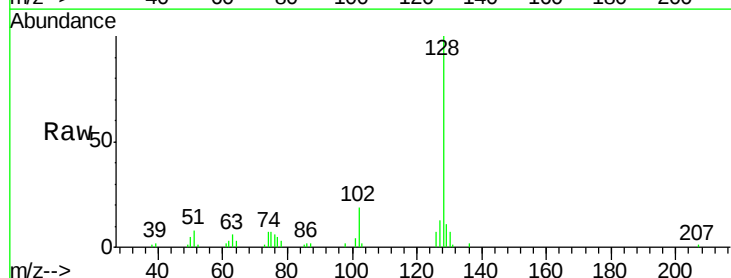
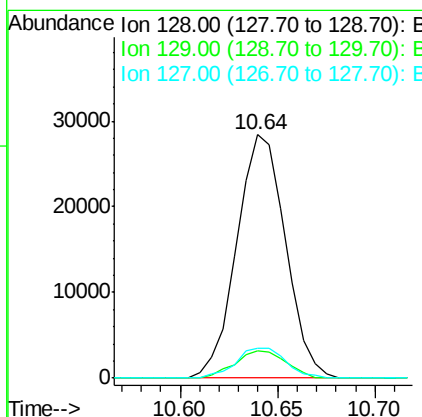
RT: 10.64 min Scan# 1284

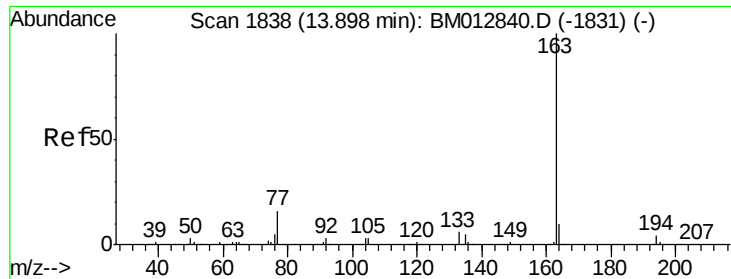
Delta R.T. 0.00 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Tgt Ion:	128	Resp:	49163
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.5	10.5	15.7





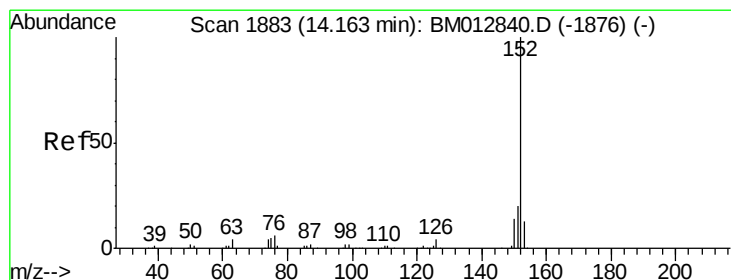
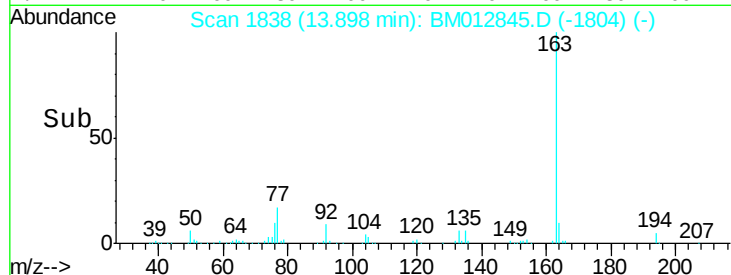
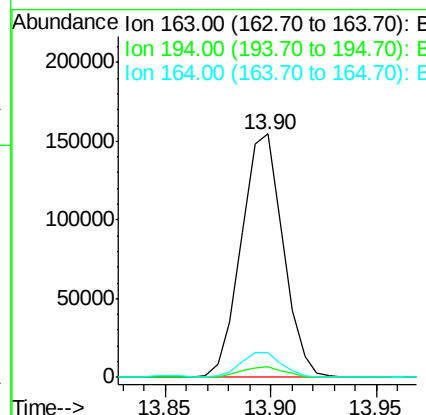
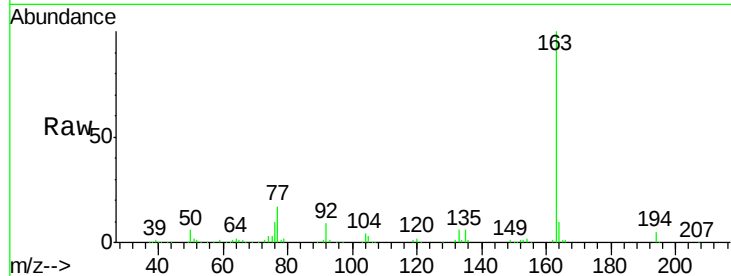
#44
Dimethylphthalate
Concen: 7.852 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Instrument :
BNA_M
ClientSampleId :
DUP-7

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.2	4.8
164	10.2	7.8	11.8

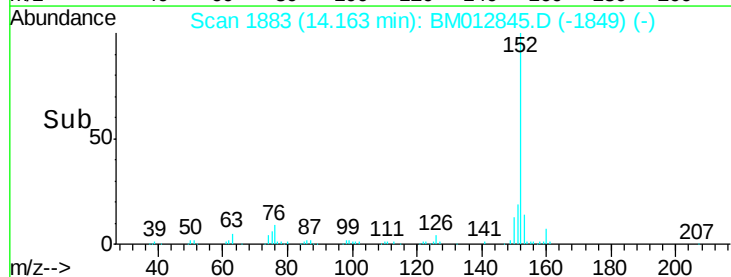
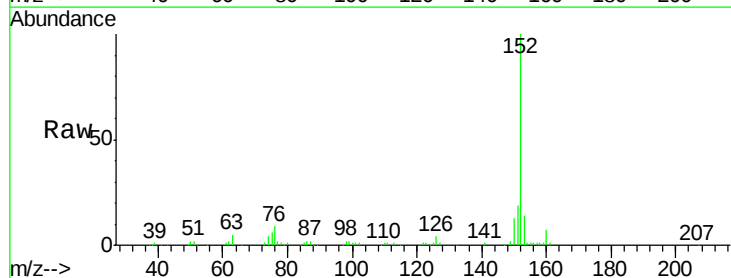
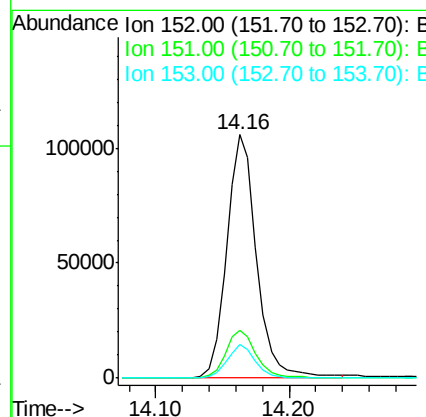
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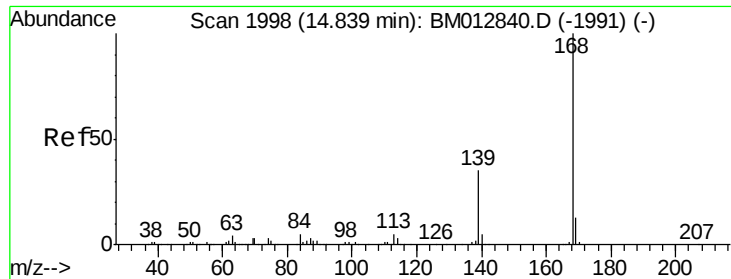
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#47
Acenaphthylene
Concen: 5.081 ng/ul
RT: 14.16 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.4	15.7	23.5
153	13.7	10.5	15.7





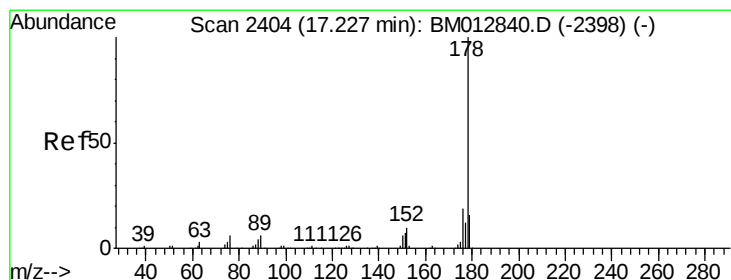
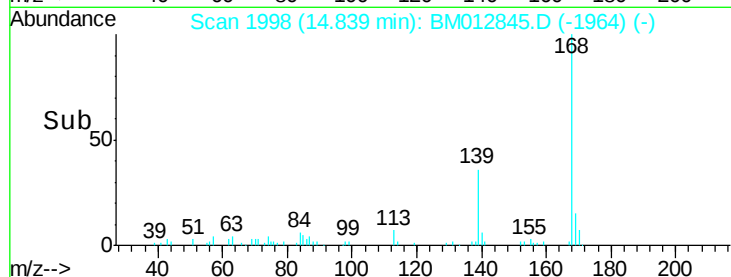
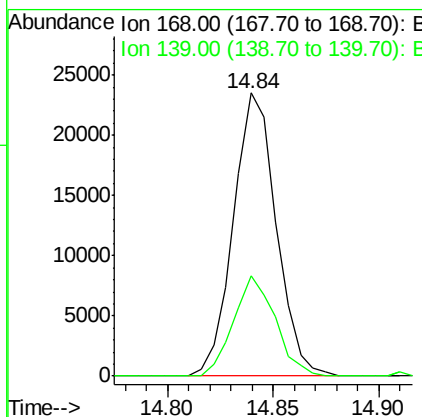
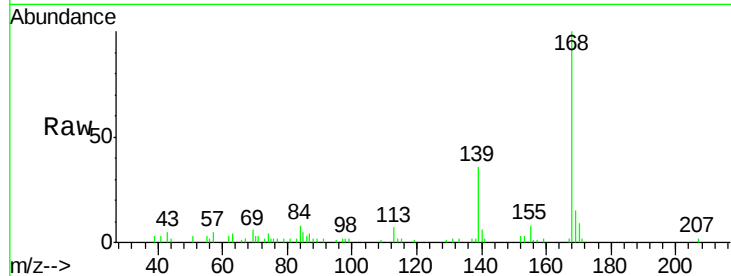
#53
Dibenzenofuran
Concen: 1.021 ng/ul
RT: 14.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Instrument :
BNA_M
ClientSampled :
DUP-7

Tgt Ion:168 Resp: 33101
Ion Ratio Lower Upper
168 100
139 35.6 32.2 48.2

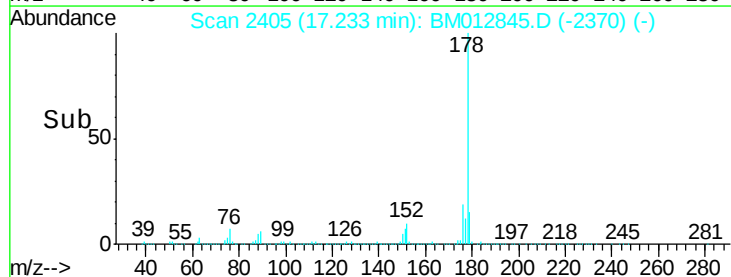
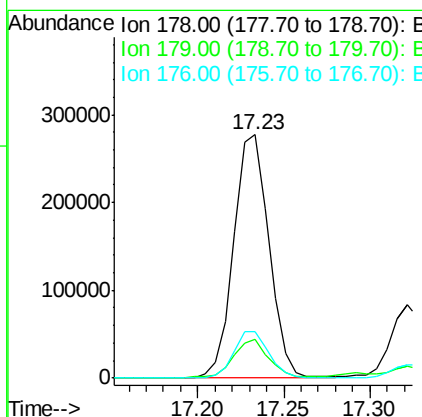
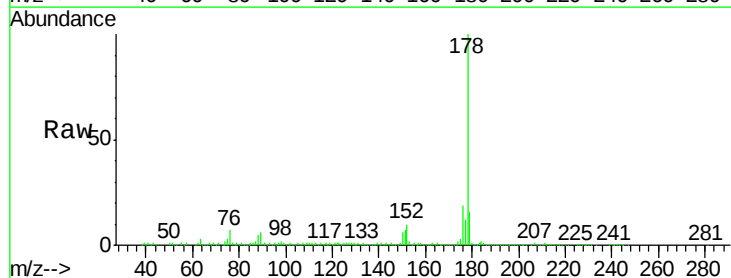
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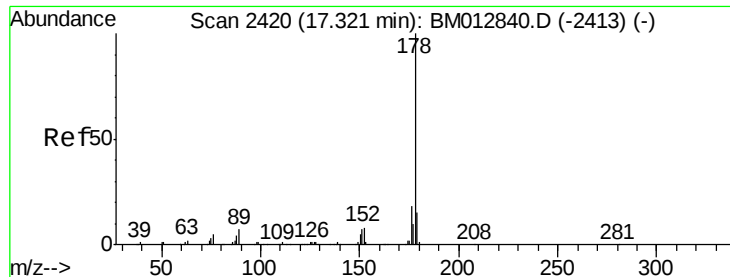
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#69
Phenanthrene
Concen: 10.953 ng/ul m
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Tgt Ion:178 Resp: 397831
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.1 15.6 23.4





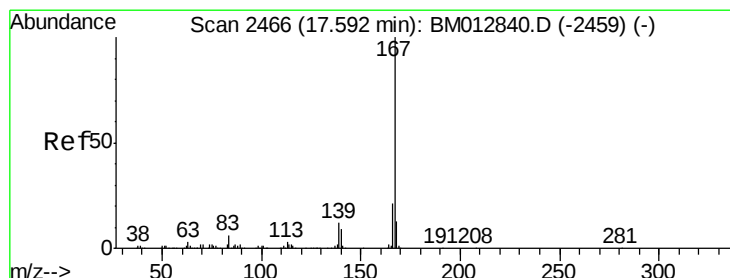
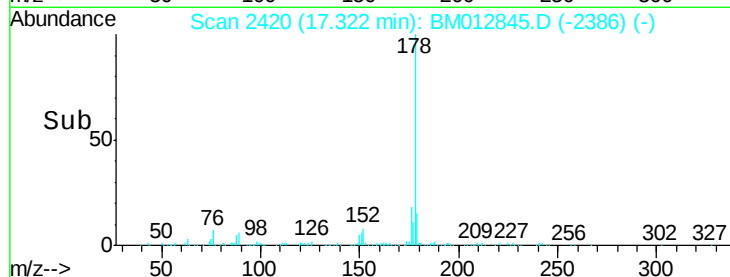
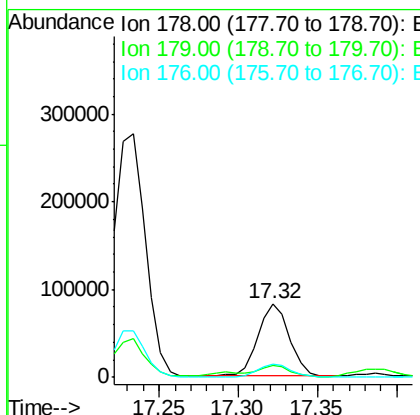
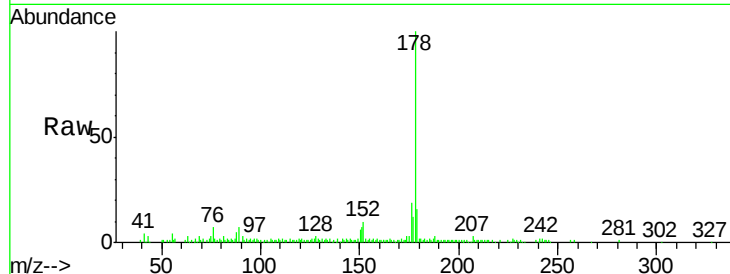
#71
 Anthracene
 Concen: 3.038 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM012845.D
 Acq: 09 Nov 2017 09:42

Instrument :
 BNA_M
 ClientSampleId :
 DUP-7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.7	14.8	22.2

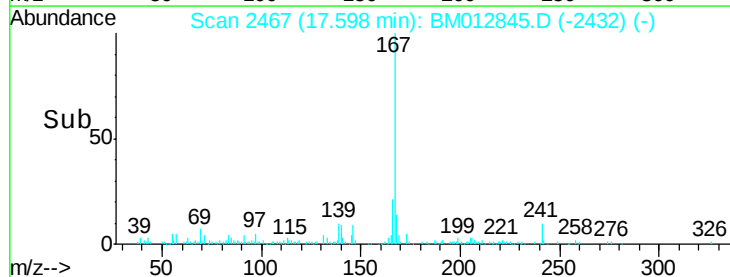
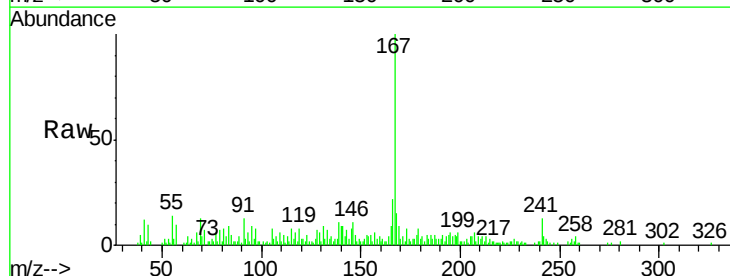
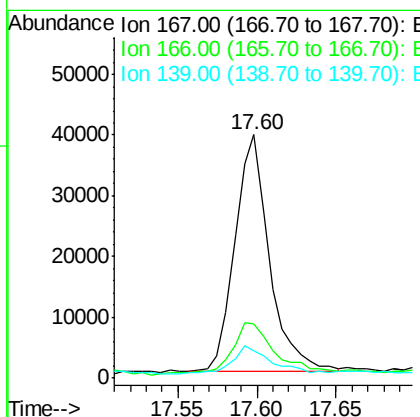
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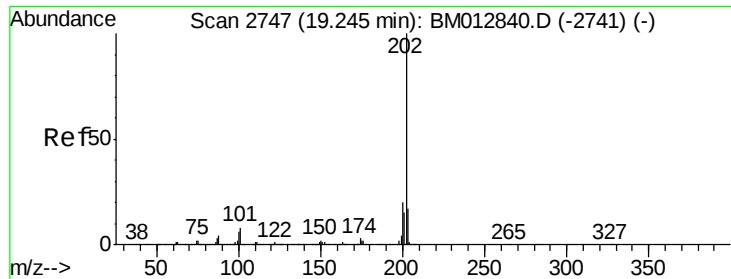
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#74
 Carbazole
 Concen: 1.861 ng/ul
 RT: 17.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM012845.D
 Acq: 09 Nov 2017 09:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.6
139	11.3	11.0	16.4





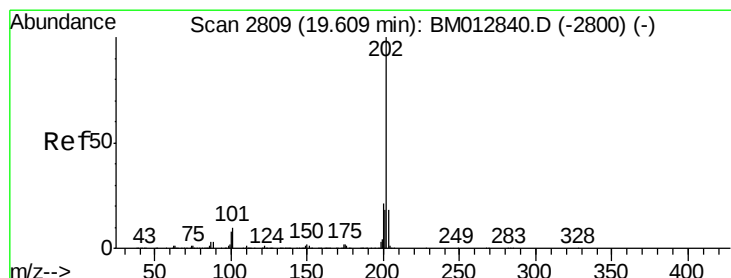
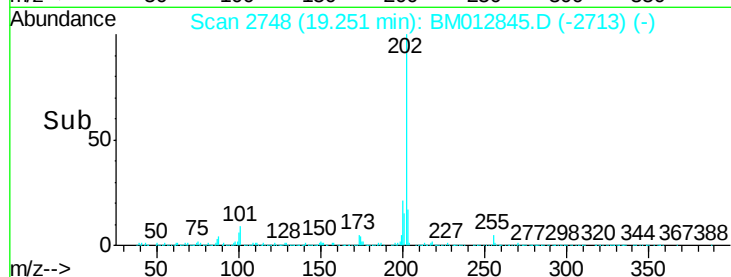
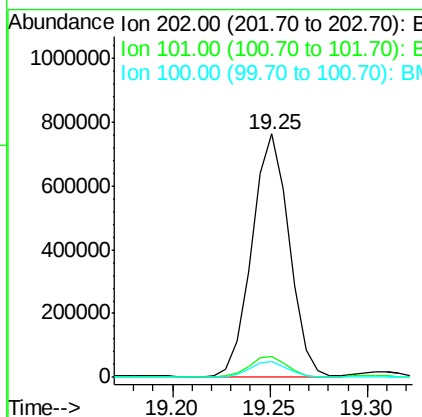
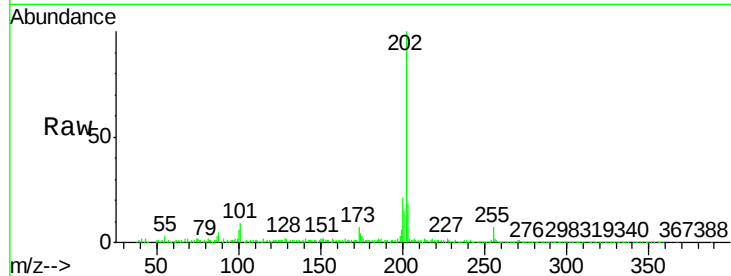
#76
Fluoranthene
Concen: 23.219 ng/ul m
RT: 19.25 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Instrument :
BNA_M
ClientSampled :
DUP-7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.8	13.2#
100	6.3	6.6	9.8#

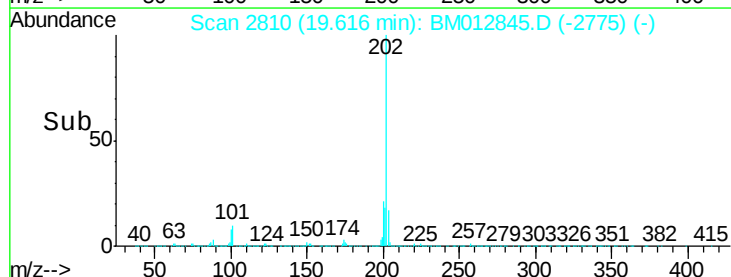
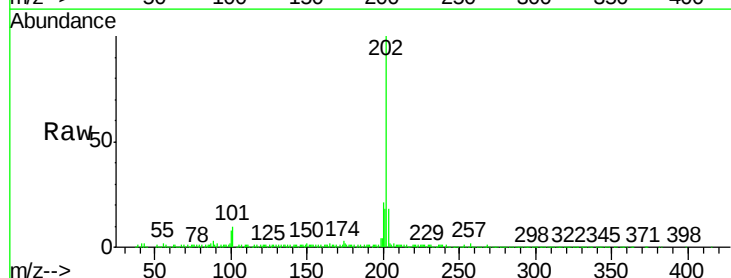
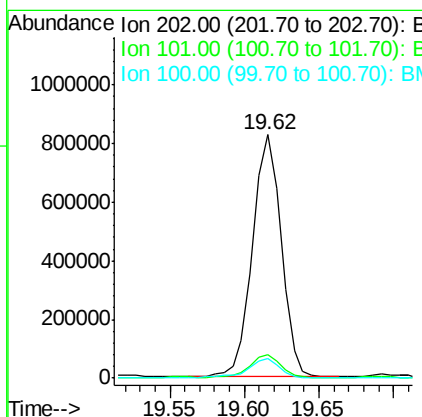
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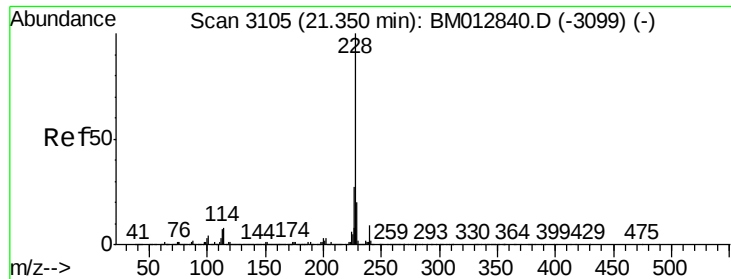
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#79
Pyrene
Concen: 33.110 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	10.2	15.2#
100	8.2	8.5	12.7#





#82

Benzo(a)anthracene

Concen: 19.867 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

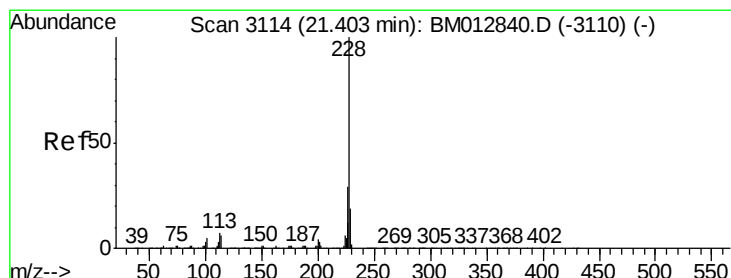
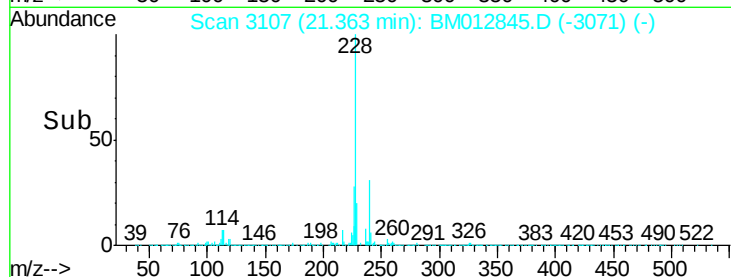
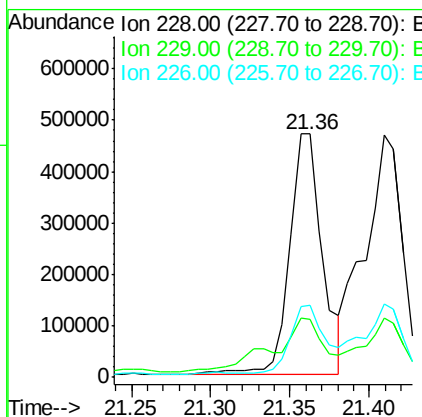
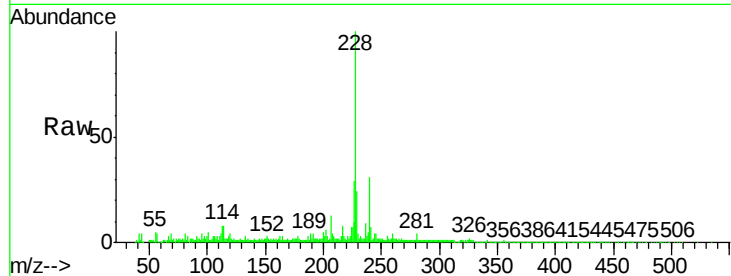
ClientSampleId :

DUP-7

Tgt Ion:	228	Resp:	667877
Ion Ratio	Lower	Upper	
228	100		
229	24.0	15.7	23.5#
226	29.4	21.8	32.6

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#84

Chrysene

Concen: 25.236 ng/ul

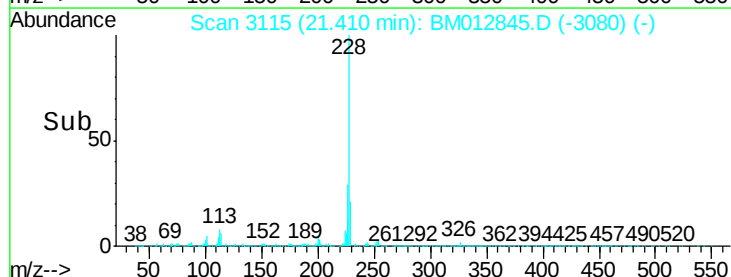
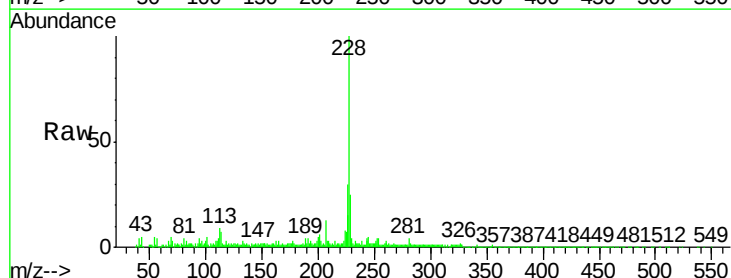
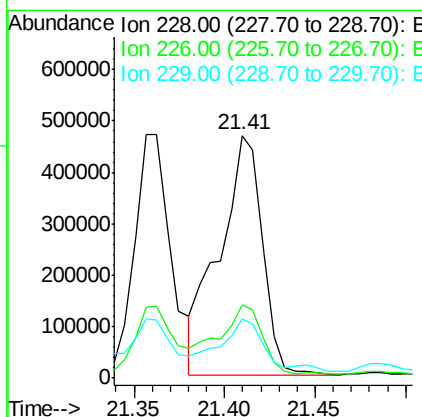
RT: 21.41 min Scan# 3115

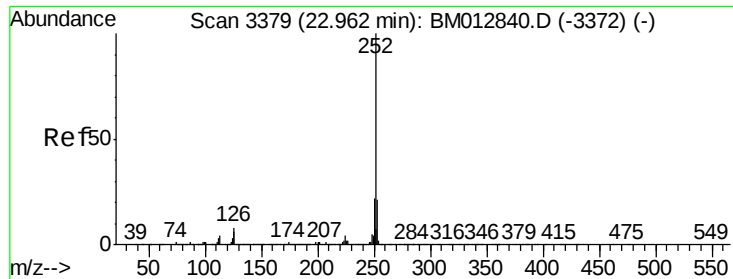
Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Tgt Ion:	228	Resp:	768871
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	24.5	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 50.650 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.02 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

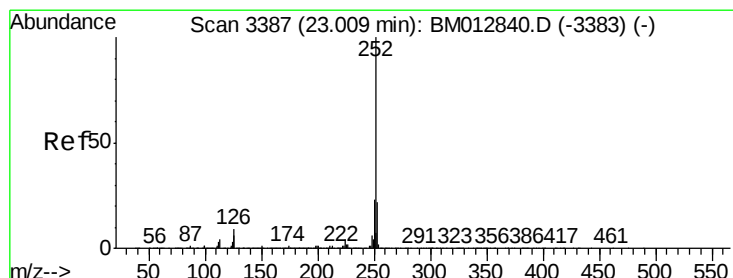
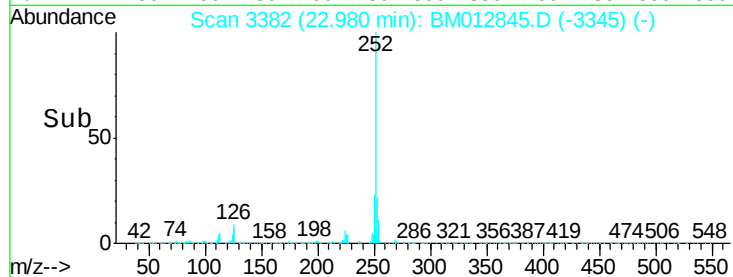
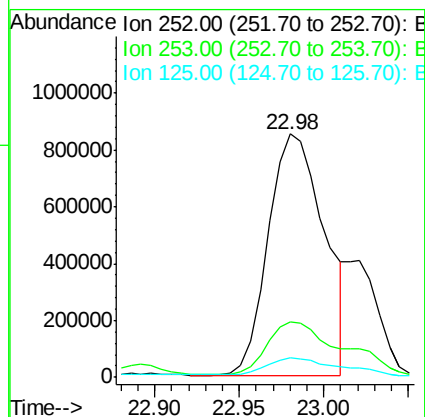
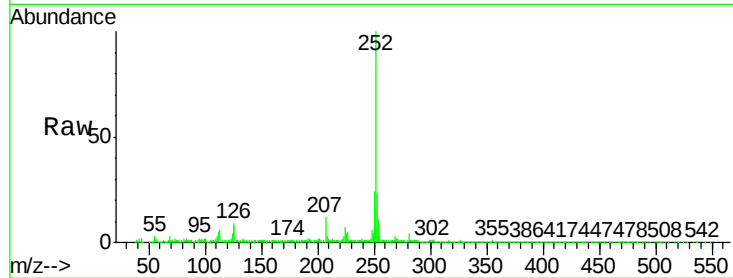
ClientSampleId :

DUP-7

Tgt Ion:	252	Resp:	1951720
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	8.1	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 14.532 ng/ul m

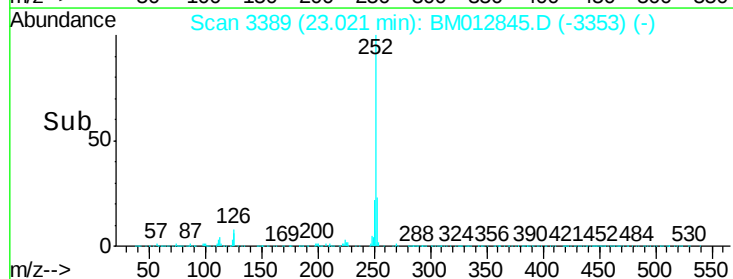
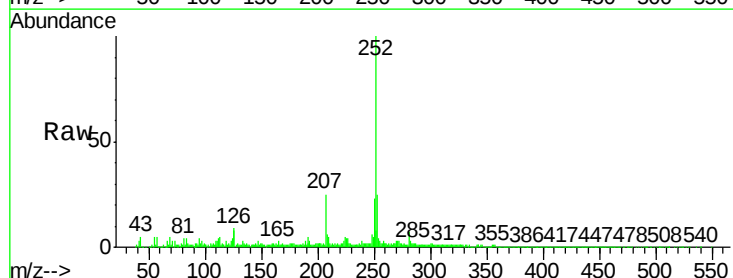
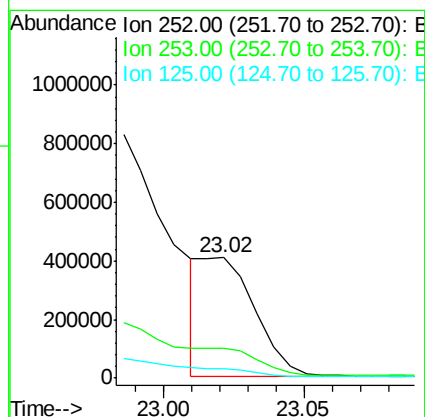
RT: 23.02 min Scan# 3389

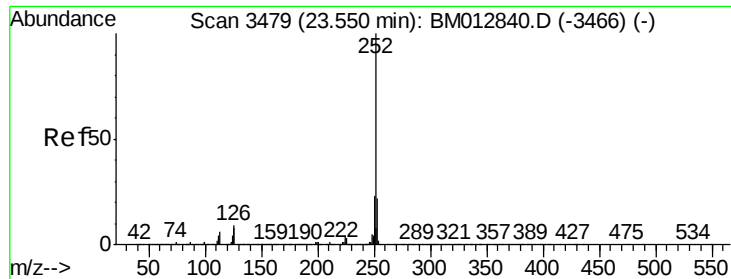
Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Tgt Ion:	252	Resp:	532258
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.3	25.9
125	8.2	8.2	12.2





#90

Benzo(a)pyrene

Concen: 36.480 ng/ul m

RT: 23.57 min Scan# 3483

Delta R.T. 0.02 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

DUP-7

Tgt Ion:252 Resp: 1337589

Ion Ratio Lower Upper

252 100

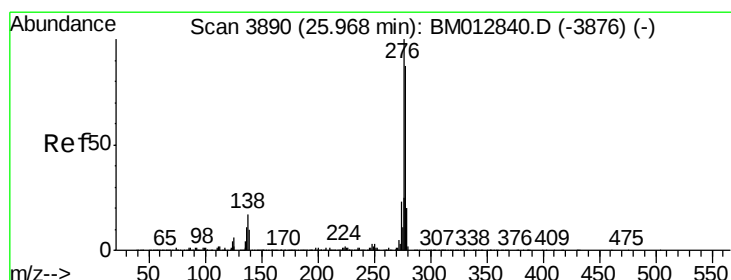
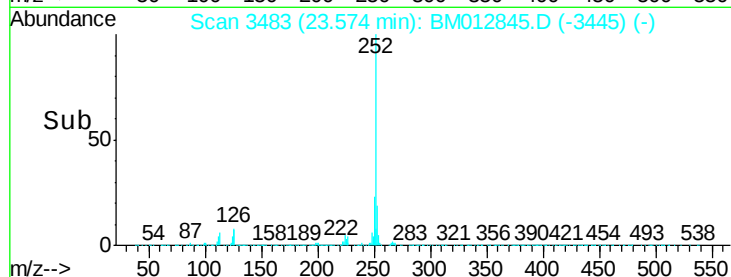
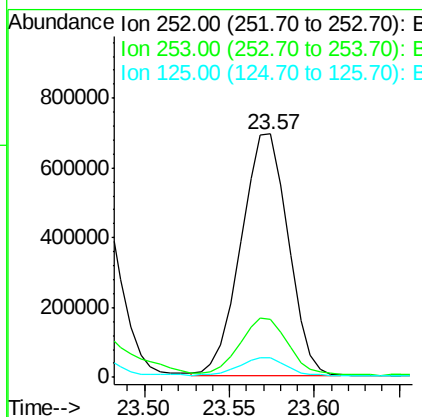
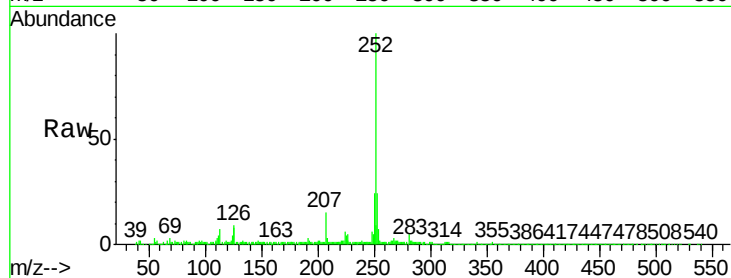
253 23.6 17.2 25.8

125 7.8 9.0 13.6#

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 26.091 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. 0.03 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

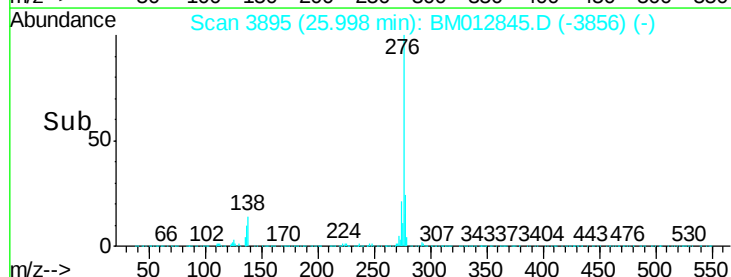
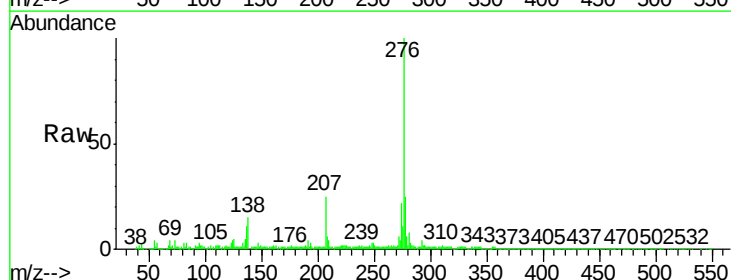
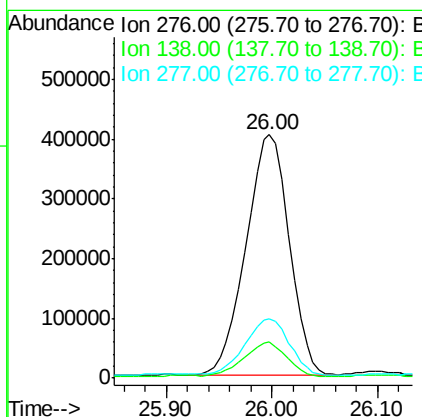
Tgt Ion:276 Resp: 1152974

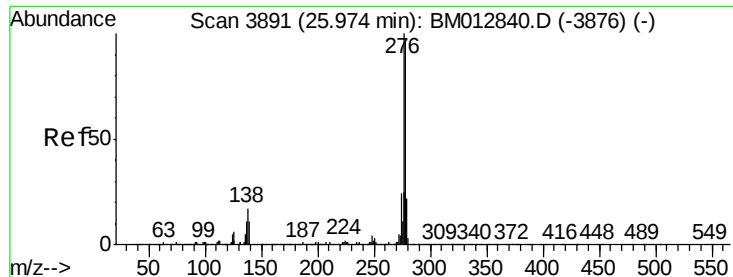
Ion Ratio Lower Upper

276 100

138 14.8 22.3 33.5#

277 24.6 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 8.677 ng/ul

RT: 25.99 min Scan# 3894

Delta R.T. 0.02 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

DUP-7

Tgt Ion: 278 Resp: 324575
Ion Ratio Lower Upper

278 100

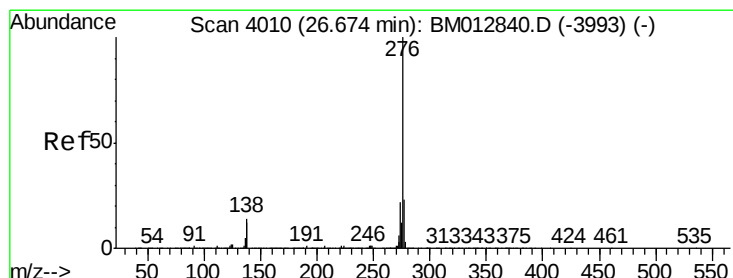
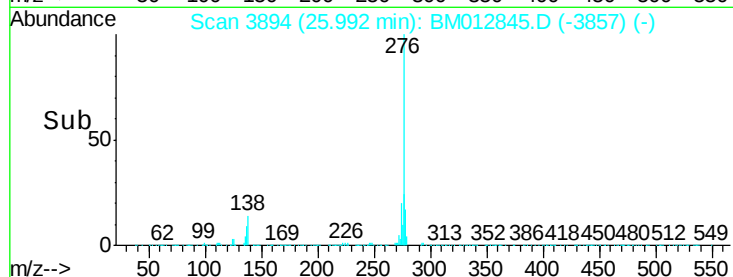
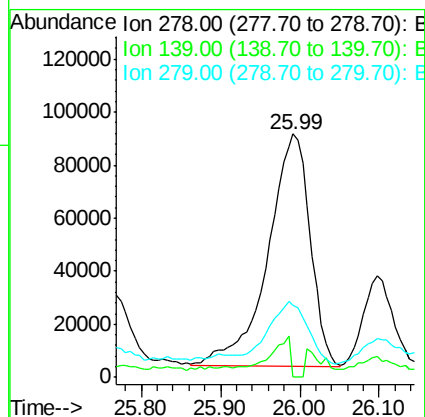
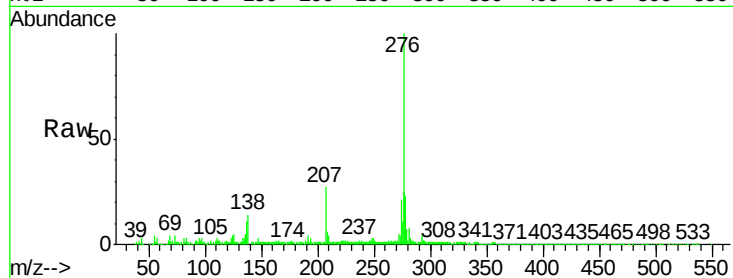
139 0.0 13.9 20.9#

279 29.4 19.0 28.4#

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 28.923 ng/ul

RT: 26.72 min Scan# 4017

Delta R.T. 0.04 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Tgt Ion: 276 Resp: 1053196
Ion Ratio Lower Upper

276 100

138 14.5 18.9 28.3#

277 24.4 19.2 28.8

