

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010708.D
 Acq On : 24 Jun 2017 02:02
 Operator : SJ/JU
 Sample : I3625-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A00

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:34:38 AM

Quant Time: Jun 24 05:57:52 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 04:37:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	83953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	403144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	277494	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	660603	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	675282	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	481624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4784	3.27	ng/uL	0.01
5) Phenol-d5	6.65	99	155133	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	87897	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	120713	21.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	136127	20.53	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	62636	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	78087	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	153050	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	183152	24.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	557702	22.89	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	638141	22.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	73670	17.18	ng/ul	0.00
57) Fluorene-d10	15.11	176	472856	22.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	79598	19.62	ng/ul	0.00
70) Anthracene-d10	16.96	188	724027m	22.70	ng/ul	0.00
76) Pyrene-d10	19.27	212	856161	27.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	554518	23.82	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.67	94	15787	1.917	ng/ul	93
28) Naphthalene	10.27	128	27656	1.379	ng/ul#	96
44) Dimethylphthalate	13.58	163	163234	6.836	ng/ul	99
58) Fluorene	15.17	166	25367	1.099	ng/ul#	96
69) Phenanthrene	16.91	178	617769	17.590	ng/ul	99
71) Anthracene	17.00	178	101797	2.813	ng/ul	98
72) Carbazole	17.27	167	48533	1.537	ng/ul	94
74) Fluoranthene	18.94	202	1115732	24.651	ng/ul	97
77) Pyrene	19.30	202	977917	25.072	ng/ul	98
80) Benzo(a)anthracene	21.07	228	529375	13.462	ng/ul	99
82) Chrysene	21.12	228	510722	14.567	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	500330	16.004	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	165422	5.581	ng/ul	97
88) Benzo(a)pyrene	23.13	252	300432	10.438	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	165174	5.533	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	51959m	2.089	ng/ul	
91) Benzo(g,h,i)perylene	25.97	276	138076	5.811	ng/ul	98

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

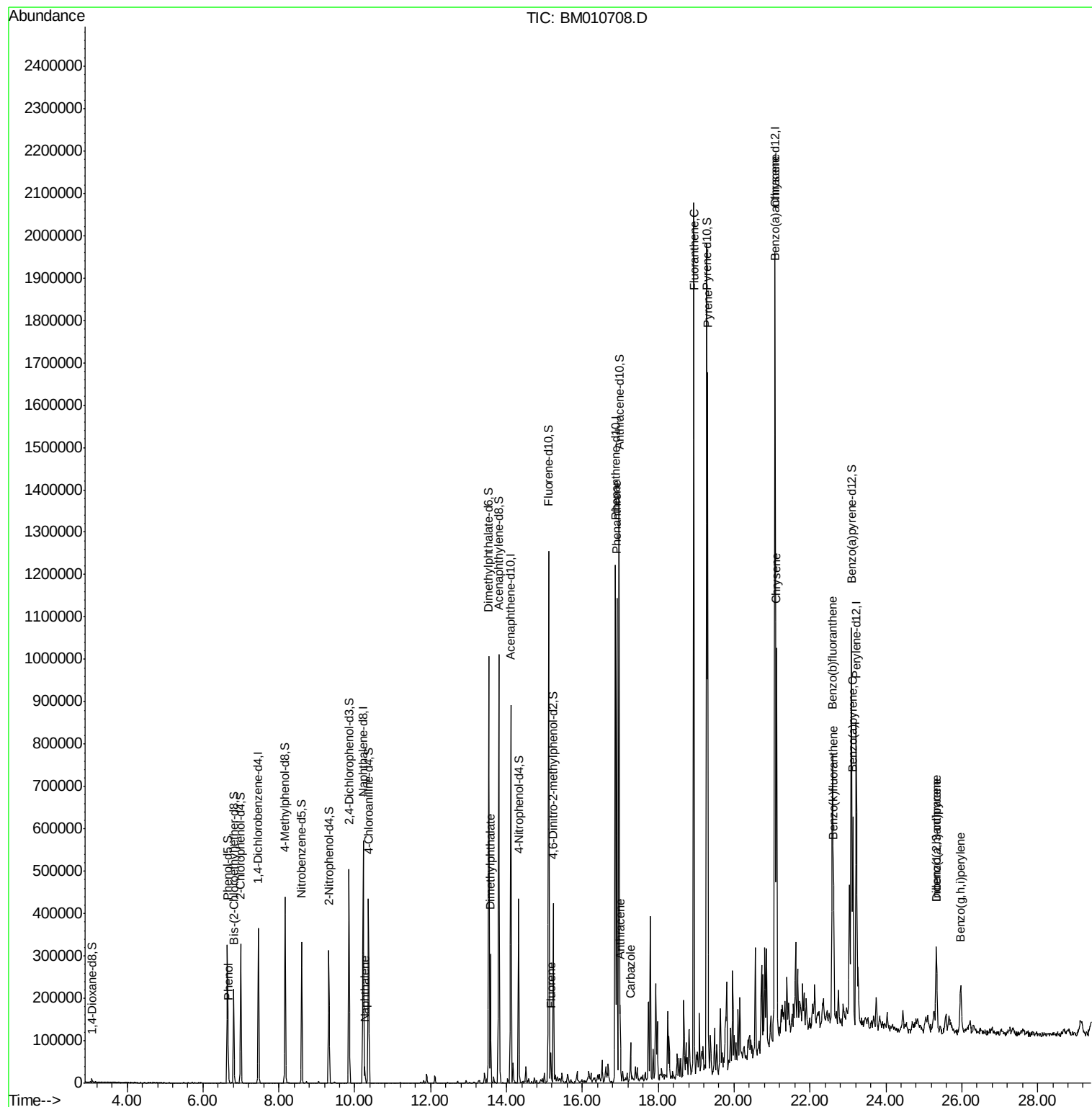
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010708.D
Acq On : 24 Jun 2017 02:02
Operator : SJ/JU
Sample : I3625-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

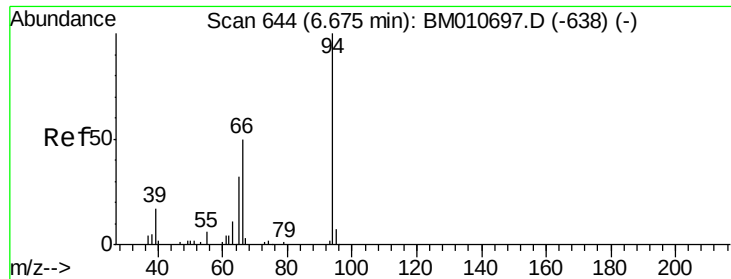
Instrument :
BNA_M
ClientSampled :
F5A00

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Quant Title : SVOA CALIBRATION
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#6

Phenol

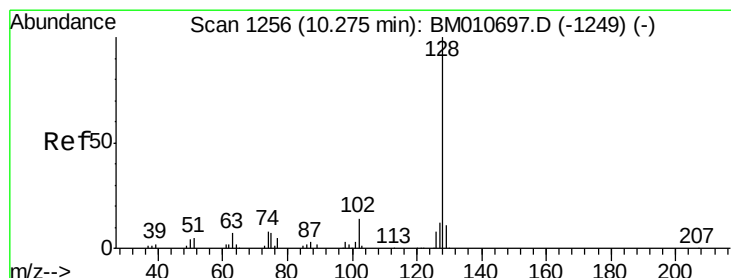
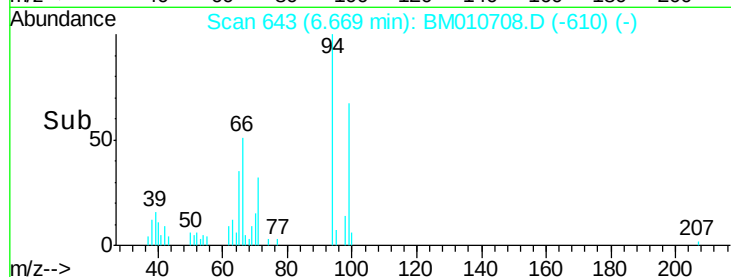
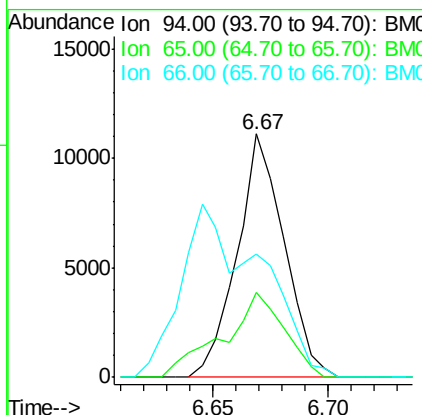
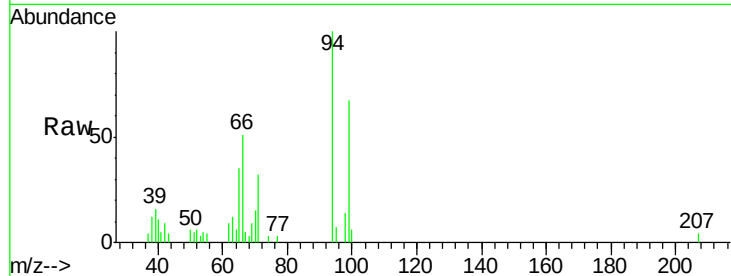
Concen: 1.917 ng/ul
 RT: 6.67 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Instrument :
 BNA_M
 ClientSampled :
 F5A00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.8	28.2	42.4
66	50.7	47.2	70.8

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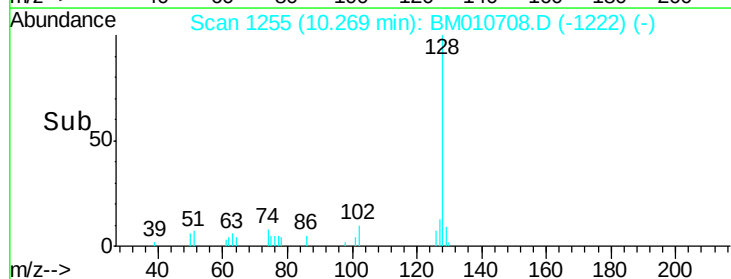
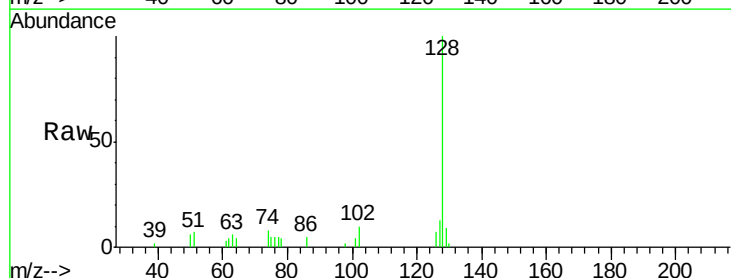
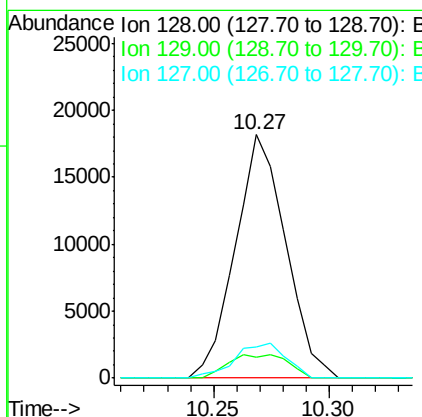


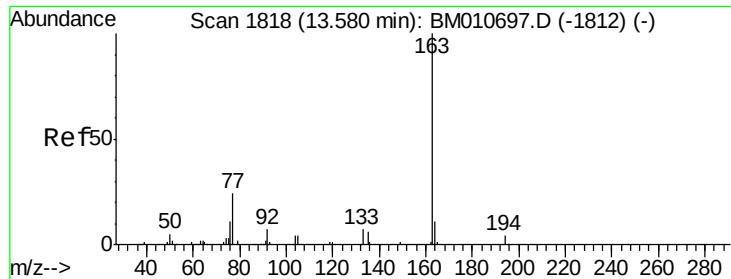
#28

Naphthalene

Concen: 1.379 ng/ul
 RT: 10.27 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.8	13.2#
127	12.8	10.6	16.0





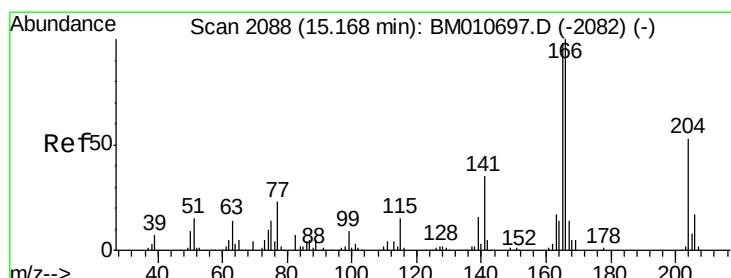
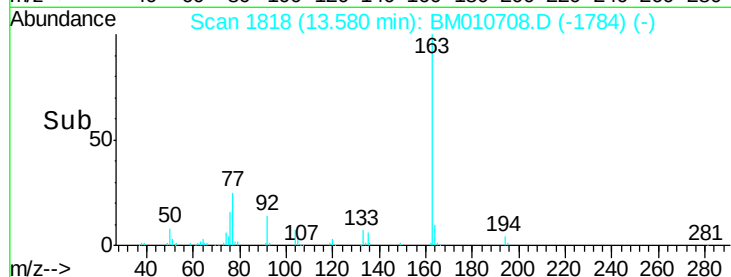
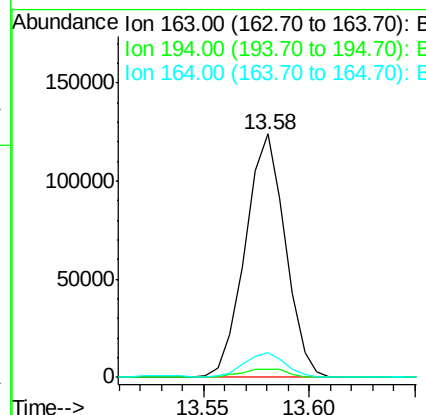
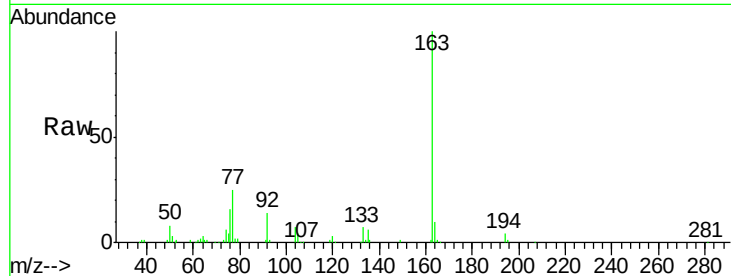
#44
Dimethylphthalate
Concen: 6.836 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Instrument :
BNA_M
ClientSampleId :
F5A00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	163234		
194	3.6		3.5	5.3
164	10.4		8.2	12.4

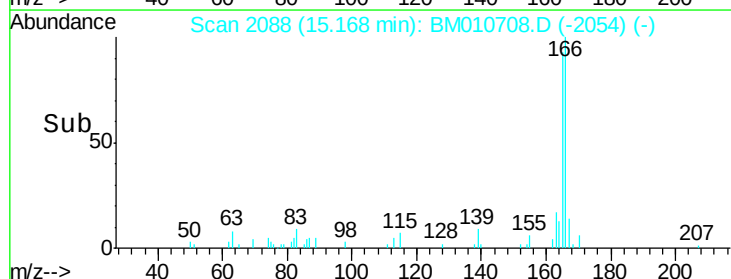
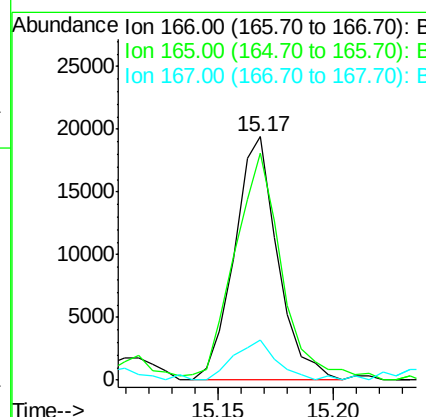
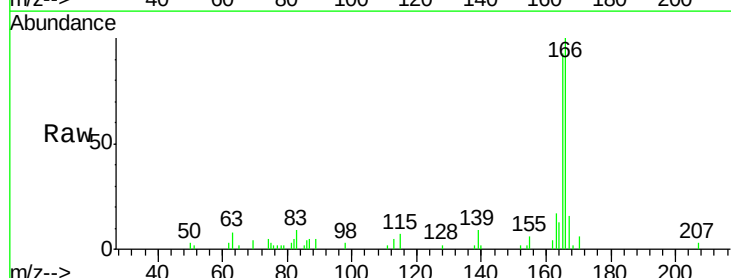
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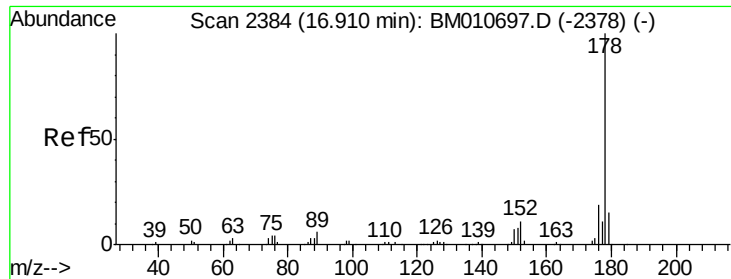
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#58
Fluorene
Concen: 1.099 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	25367		
165	93.4		77.9	116.9
167	16.3		10.6	16.0#





#69

Phenanthrene

Concen: 17.590 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

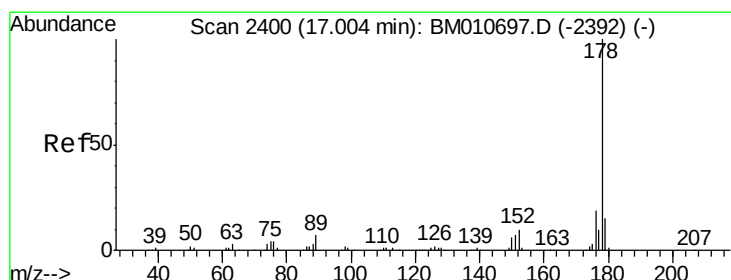
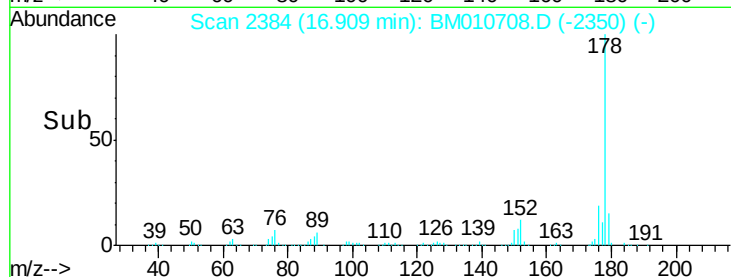
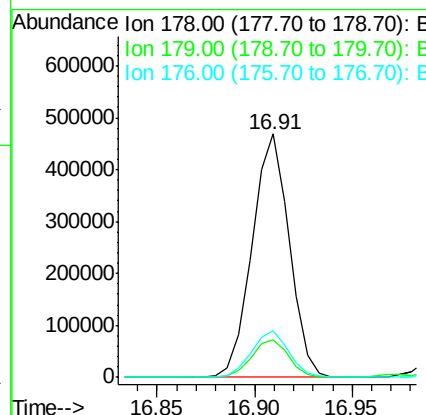
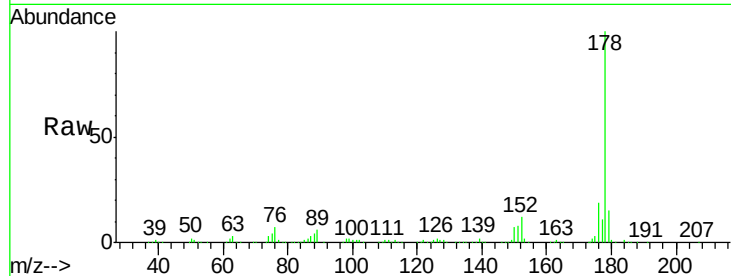
ClientSampleId :

F5A00

Tgt Ion:	178	Resp:	617769
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.2	14.9	22.3

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#71

Anthracene

Concen: 2.813 ng/ul

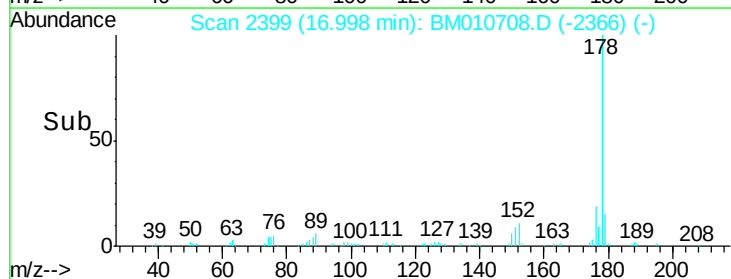
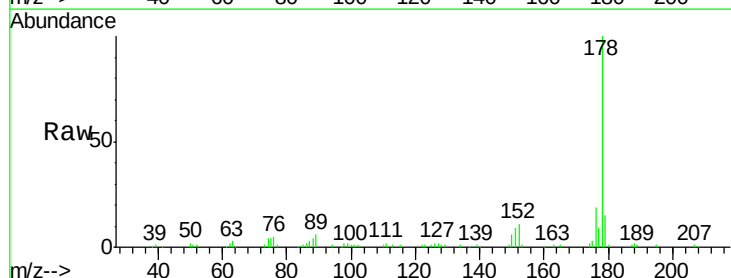
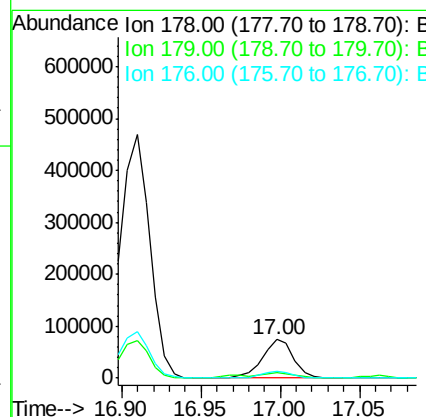
RT: 17.00 min Scan# 2399

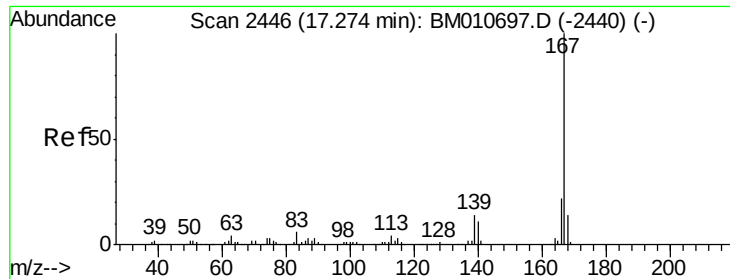
Delta R.T. -0.01 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Tgt Ion:	178	Resp:	101797
Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	19.2	14.6	21.8





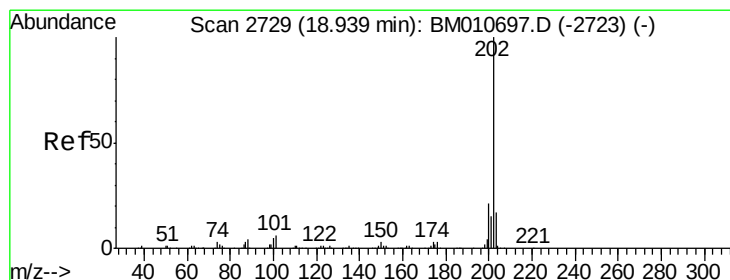
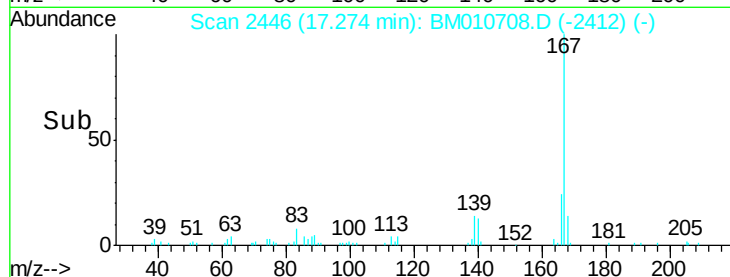
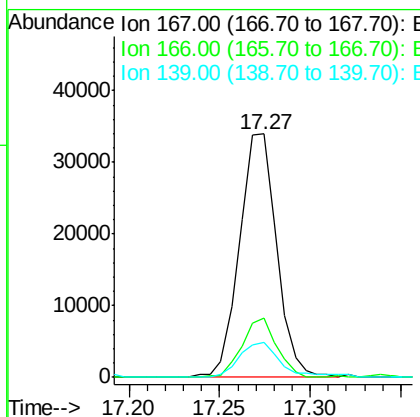
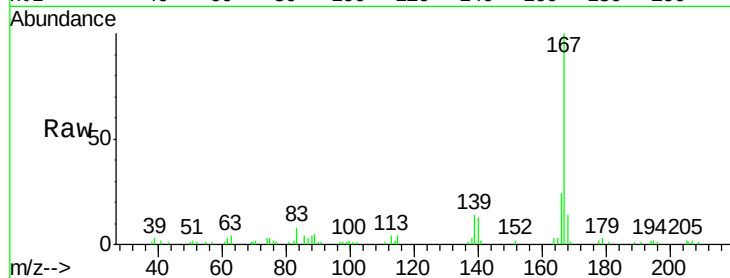
#72
 Carbazole
 Concen: 1.537 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 F5A00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.1	25.7
139	14.3	10.0	15.0

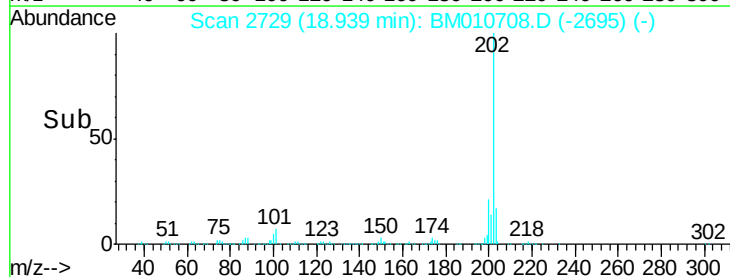
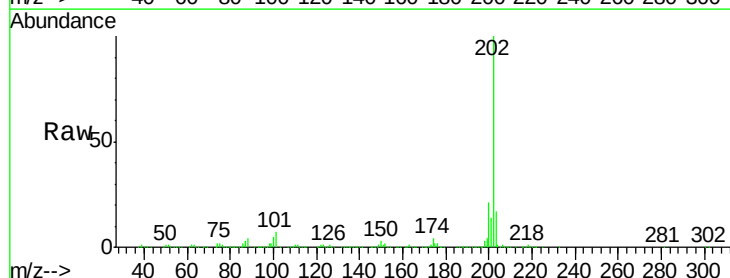
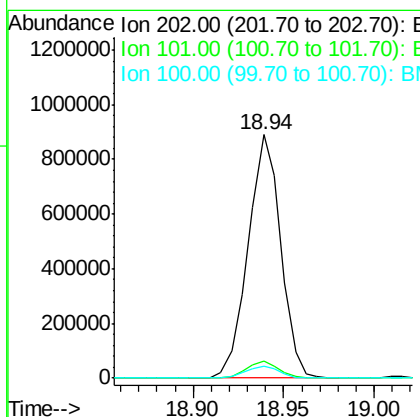
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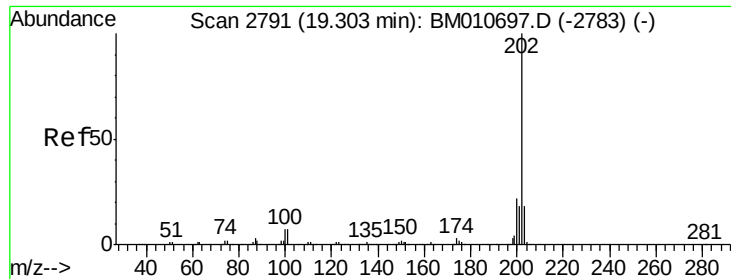
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#74
 Fluoranthene
 Concen: 24.651 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.6	7.0
100	4.8	3.4	5.2





#77

Pyrene

Concen: 25.072 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

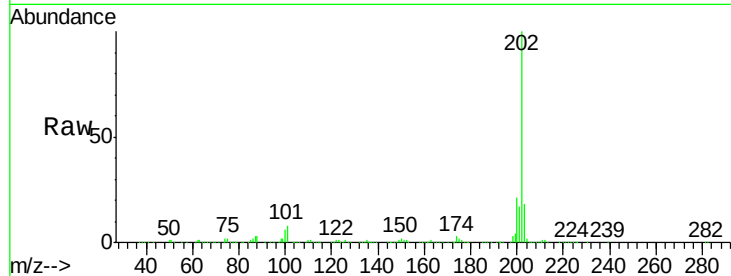
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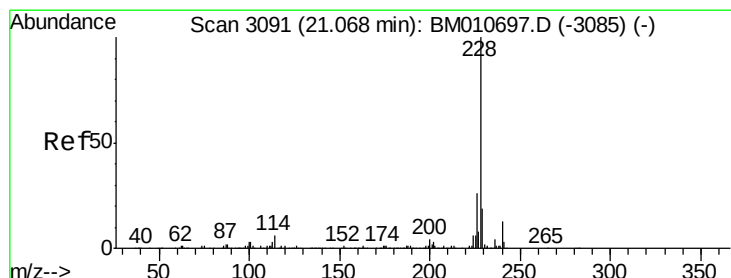
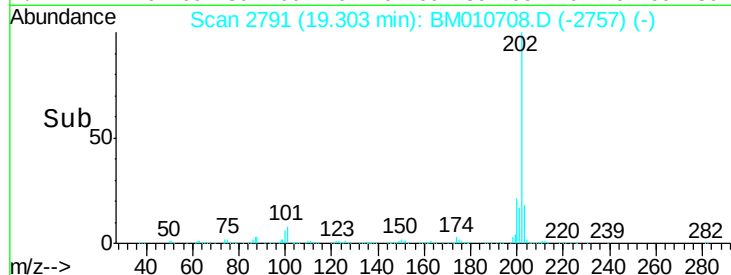
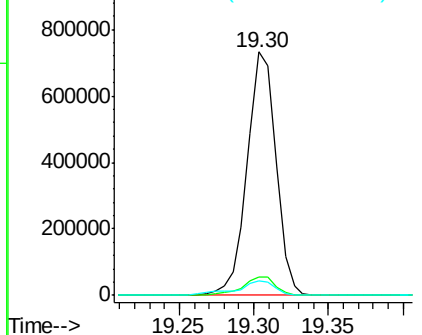
Tgt Ion:	202	Resp:	977917
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.1	7.7
100	6.2	4.9	7.3

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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): B



#80

Benzo(a)anthracene

Concen: 13.462 ng/ul

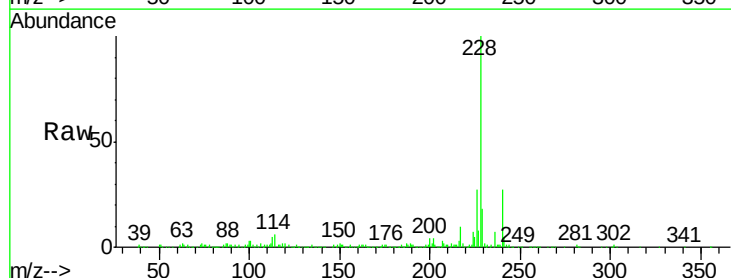
RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

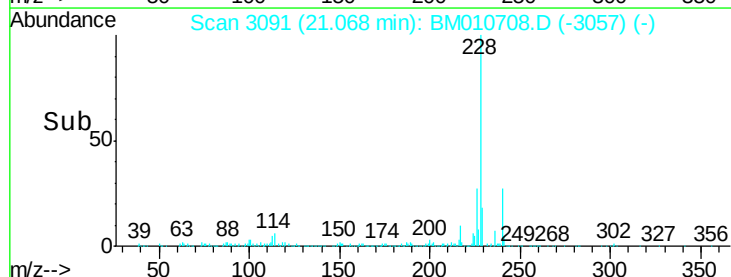
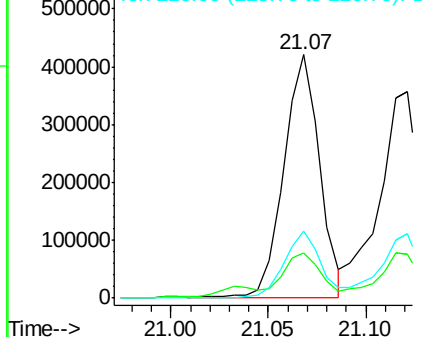
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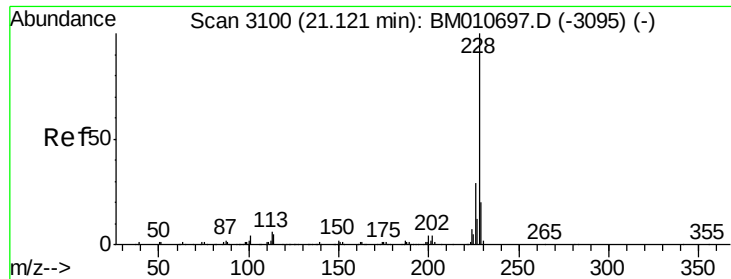
Acq: 24 Jun 2017 02:02

Tgt Ion:	228	Resp:	529375
Ion Ratio	Lower	Upper	
228	100		
229	18.5	15.4	23.0
226	27.4	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: 14.567 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

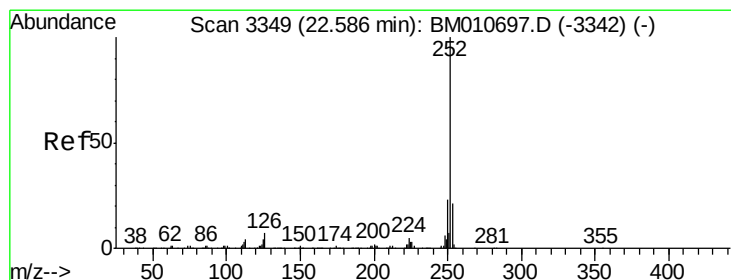
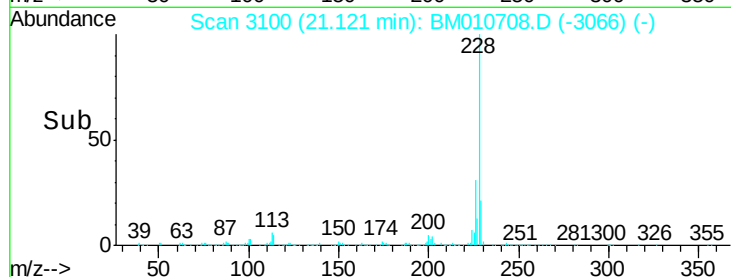
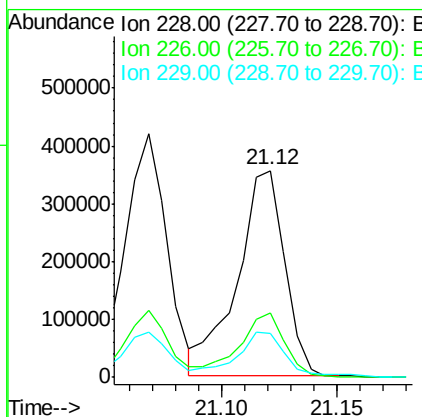
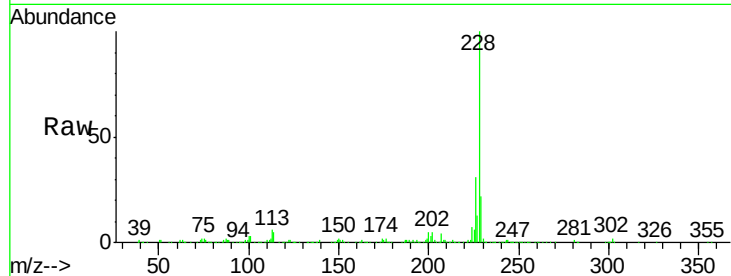
ClientSampleId :

F5A00

Tgt Ion:	228	Resp:	510722
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	21.6	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 16.004 ng/ul

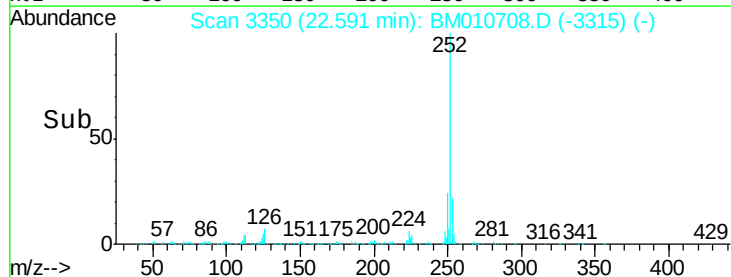
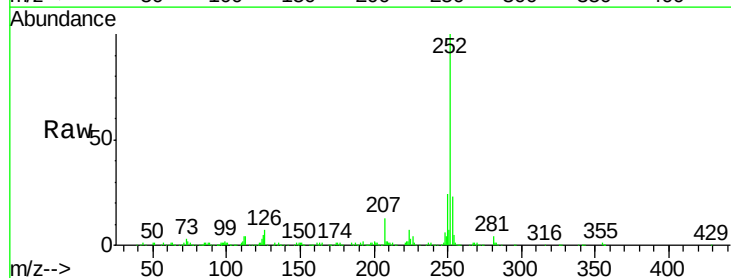
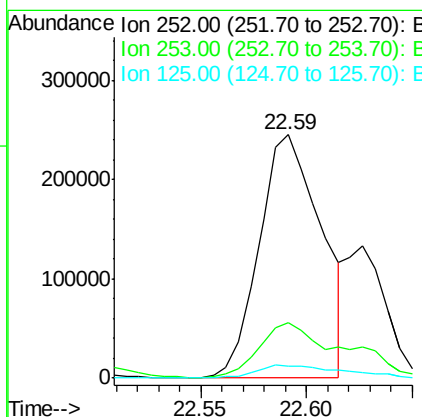
RT: 22.59 min Scan# 3350

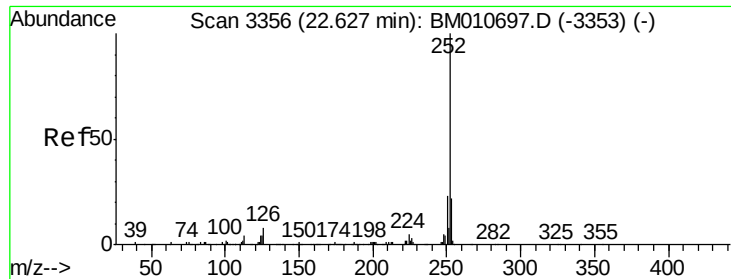
Delta R.T. 0.01 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Tgt Ion:	252	Resp:	500330
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	5.1	3.6	5.4





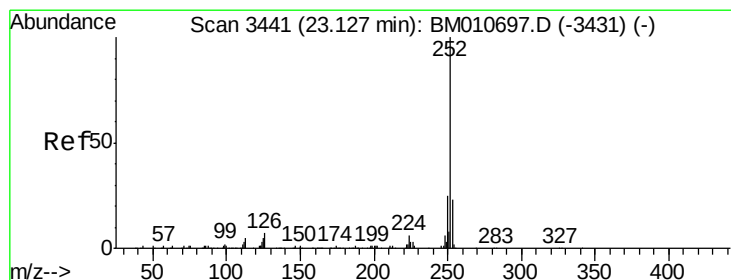
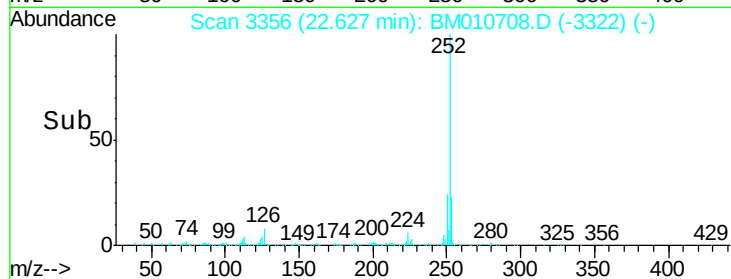
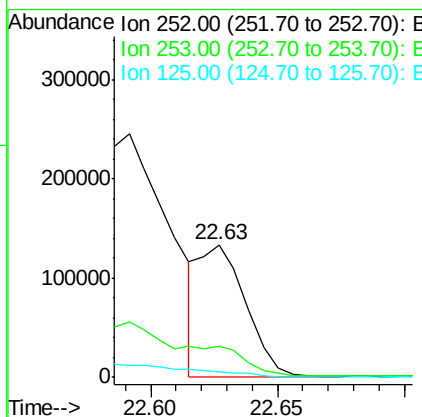
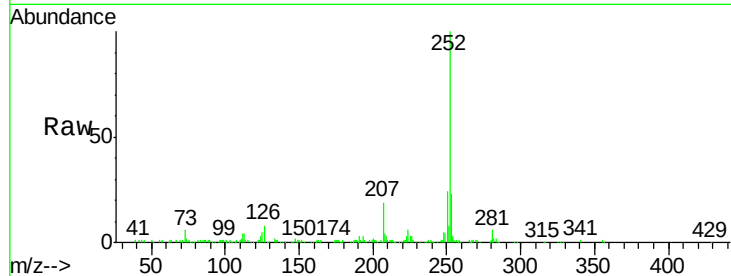
#86
Benzo(k)fluoranthene
Concen: 5.581 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Instrument :
BNA_M
ClientSampleId :
F5A00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	4.6	3.4	5.2

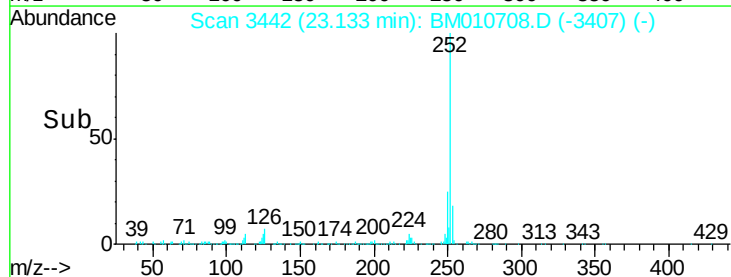
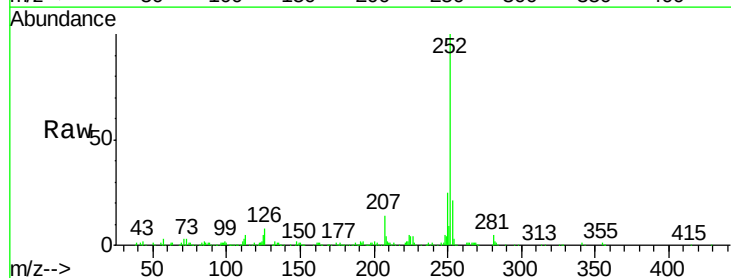
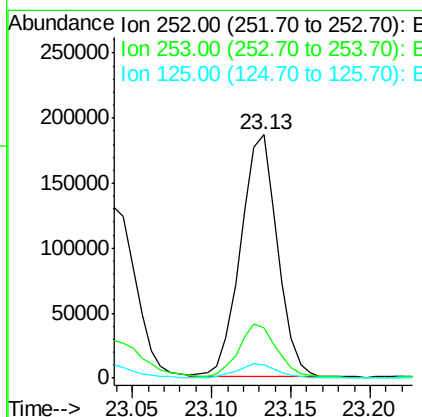
Manual Integrations
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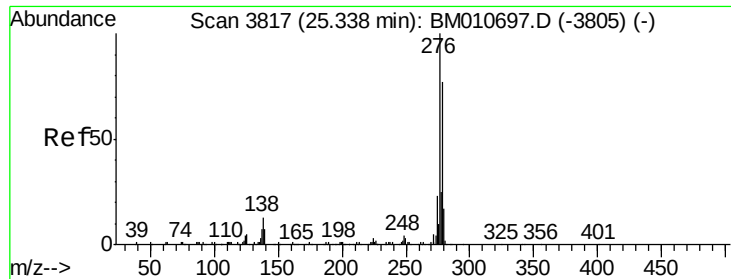
mohammad
6/28/2017 7:34:38 AM



#88
Benzo(a)pyrene
Concen: 10.438 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.2
125	5.3	4.0	6.0





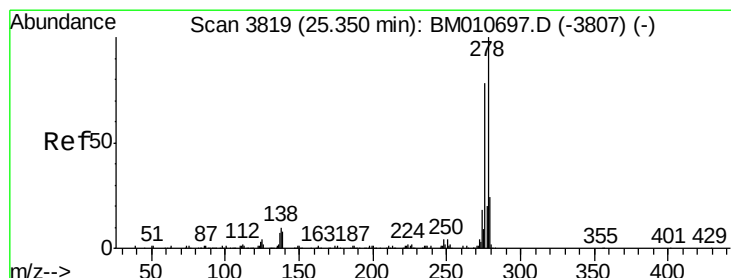
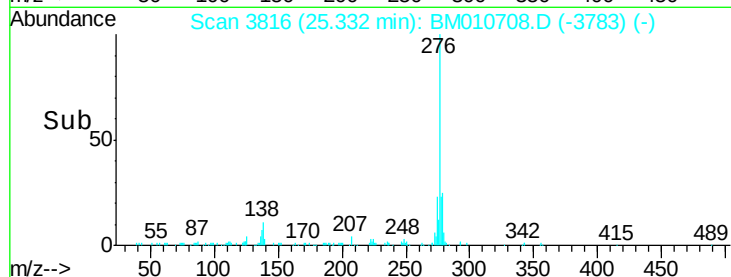
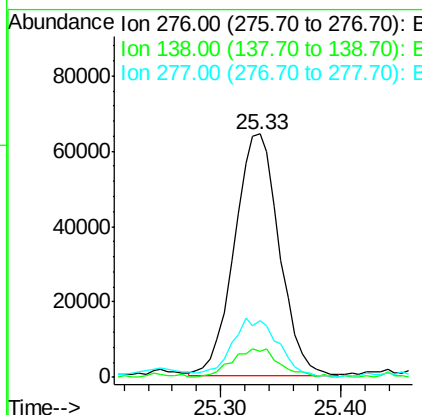
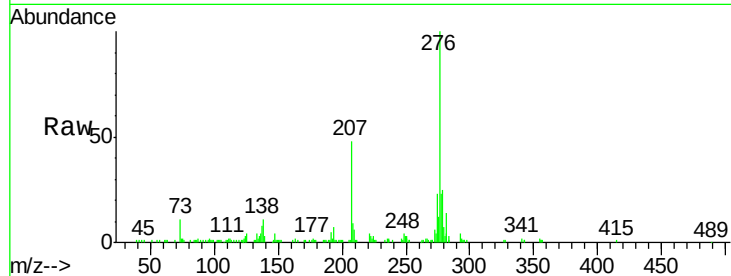
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 5.533 ng/ul
 RT: 25.33 min Scan# 3816
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 F5A00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	9.3	13.9
277	23.1	19.9	29.9

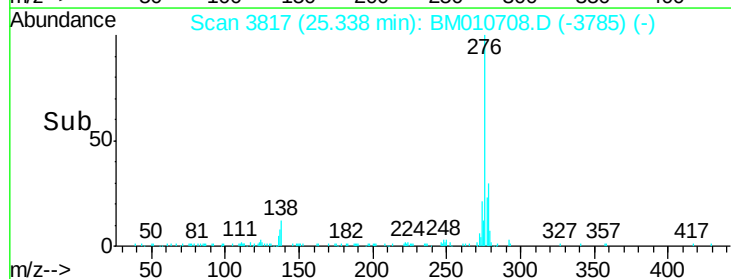
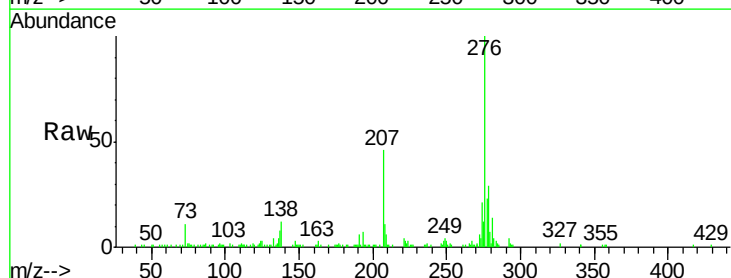
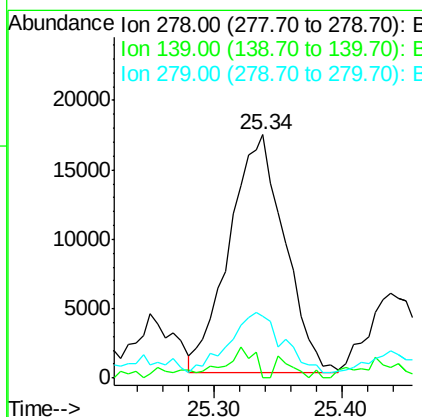
Manual Integrations
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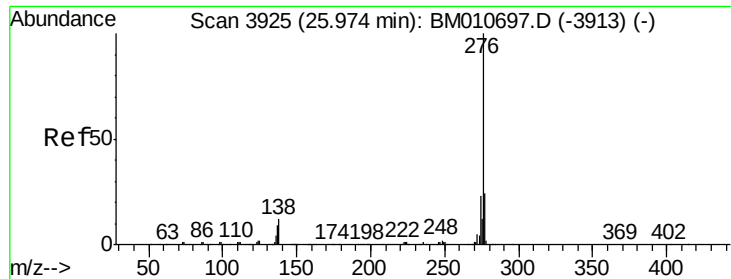
mohammad
 6/28/2017 7:34:38 AM



#90
 Dibenzo(a,h)anthracene
 Concen: 2.089 ng/ul m
 RT: 25.34 min Scan# 3817
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.5	18.6	27.8





#91
 Benzo(g,h,i)perylene
 Concen: 5.811 ng/ul
 RT: 25.97 min Scan# 3924
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 F5A00

Tgt Ion:	276	Resp:	138076
Ion Ratio	Lower	Upper	
276	100		
138	11.3	8.5	12.7
277	24.2	18.6	28.0

Manual Integrations
 APPROVED

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