

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010642.D
 Acq On : 22 Jun 2017 02:39
 Operator : SJ/JU
 Sample : I3558-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C85

Manual Integrations
 APPROVED

mohammad
 6/22/2017 5:33:22 PM

Quant Time: Jun 22 04:20:35 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 01:38:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	77708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	353853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	238615	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	564947	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	592195	20.00	ng/ul	0.00
83) Perylene-d12	23.24	264	428849	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	5490	4.05	ng/uL	0.00
5) Phenol-d5	6.65	99	157317	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	82631	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	115834	22.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	134505	21.92	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	61454	24.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72668	24.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	144491	23.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	159362	24.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	500262	23.88	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	577170	23.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	78360	21.26	ng/ul	0.00
57) Fluorene-d10	15.12	176	427035	23.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	86832	25.03	ng/ul	0.00
70) Anthracene-d10	16.97	188	688075	25.22	ng/ul	0.00
76) Pyrene-d10	19.28	212	788244	28.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	490274	23.65	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	6.67	94	15359	2.014	ng/ul	91
28) Naphthalene	10.27	128	38872	2.207	ng/ul	99
44) Dimethylphthalate	13.59	163	279193	13.598	ng/ul	99
47) Acenaphthylene	13.83	152	113420	4.887	ng/ul	98
69) Phenanthrene	16.91	178	163617	5.448	ng/ul	98
71) Anthracene	17.00	178	308103	9.957	ng/ul	98
72) Carbazole	17.27	167	116240	4.306	ng/ul	97
74) Fluoranthene	18.94	202	2622308	67.747	ng/ul#	96
77) Pyrene	19.32	202	3158039	92.326	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	1857074	53.851	ng/ul	96
82) Chrysene	21.13	228	2194055	71.357	ng/ul	97
85) Benzo(b)fluoranthene	22.62	252	3493489	125.494	ng/ul#	99
86) Benzo(k)fluoranthene	22.64	252	846032m	32.058	ng/ul	
88) Benzo(a)pyrene	23.15	252	1343333	52.416	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.36	276	816757	30.728	ng/ul	98
90) Dibenzo(a,h)anthracene	25.36	278	241581	10.906	ng/ul#	93
91) Benzo(g,h,i)perylene	26.00	276	597841	28.255	ng/ul	99

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

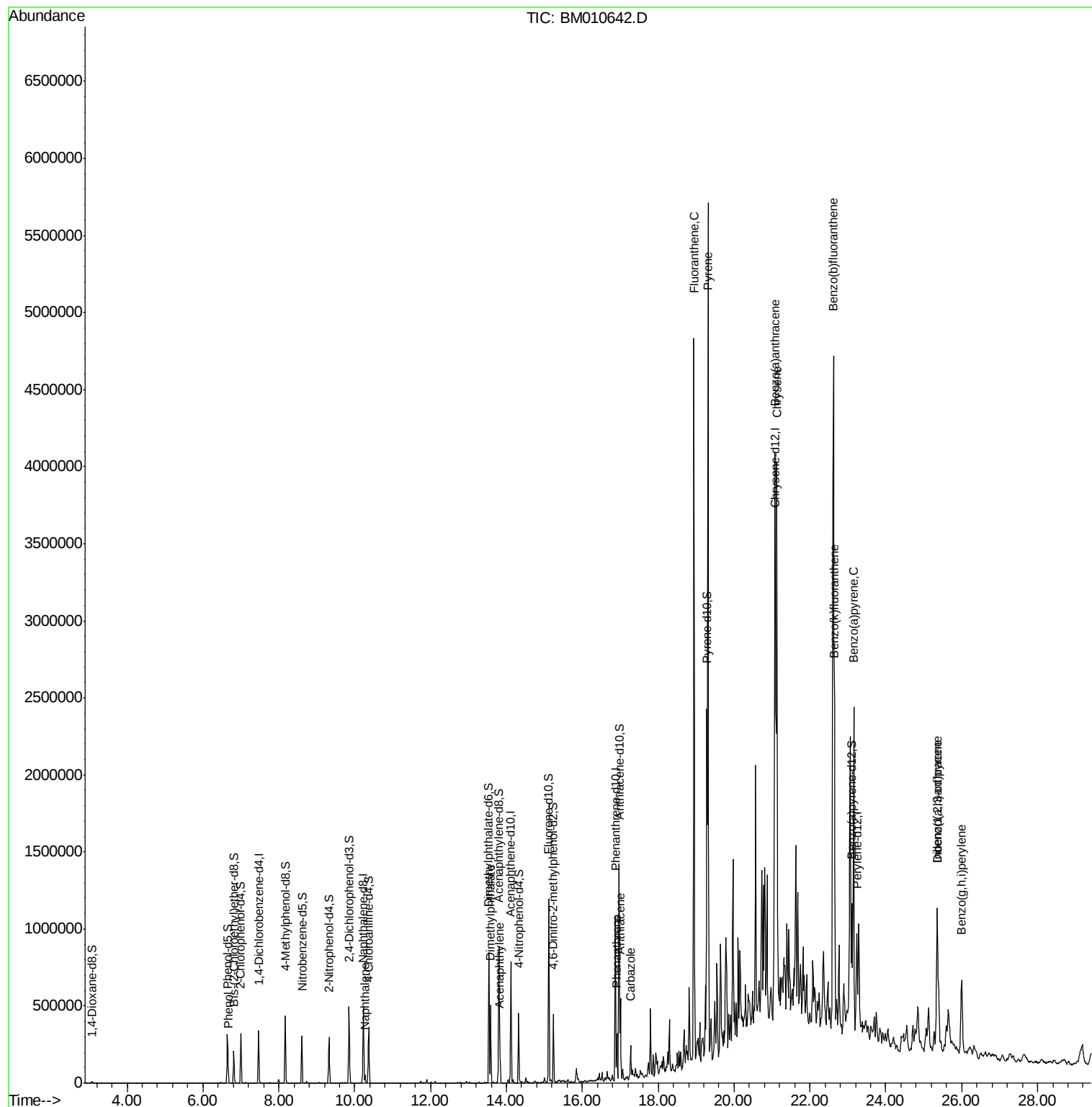
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

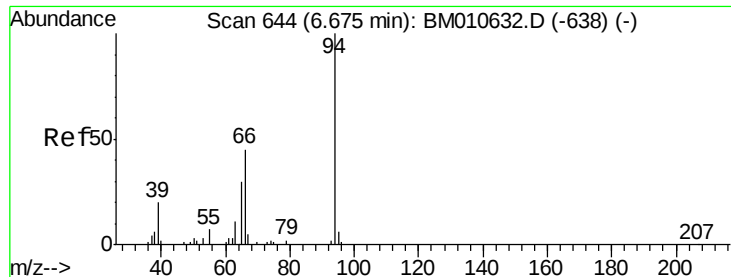
Instrument :
BNA_M
ClientSampleId :
F5C85

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Quant Time: Jun 22 04:20:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.014 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM010642.D

Acq: 22 Jun 2017 02:39

Instrument :

BNA_M

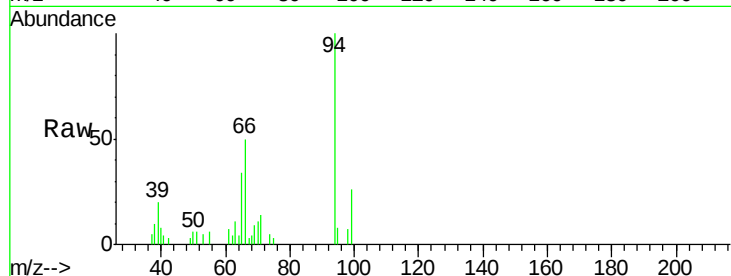
ClientSampled :

F5C85

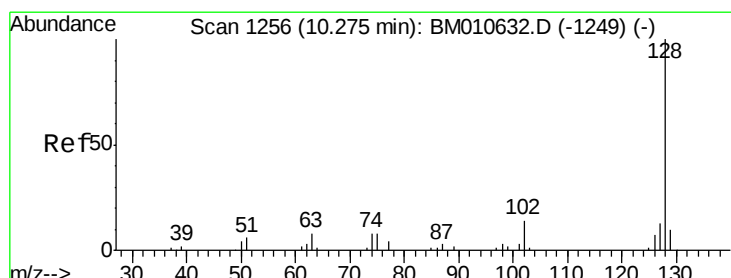
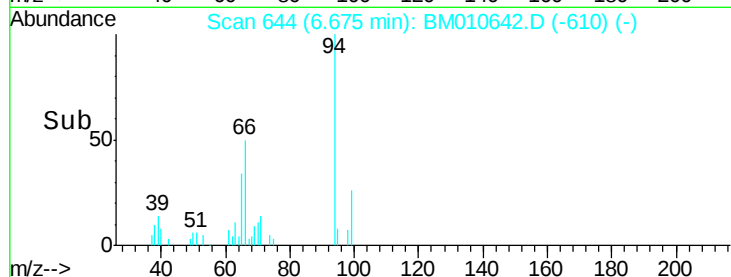
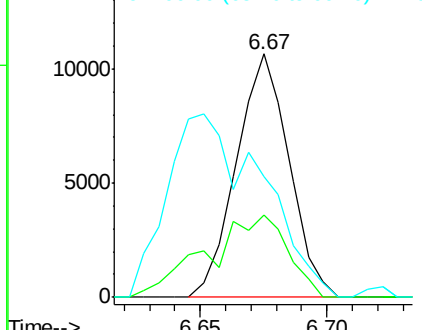
Tgt Ion:	94	Resp:	15359
Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	49.5	47.2	70.8

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Abundance Ion 94.00 (93.70 to 94.70): BM010642.D (-610) (-)



#28

Naphthalene

Concen: 2.207 ng/ul

RT: 10.27 min Scan# 1256

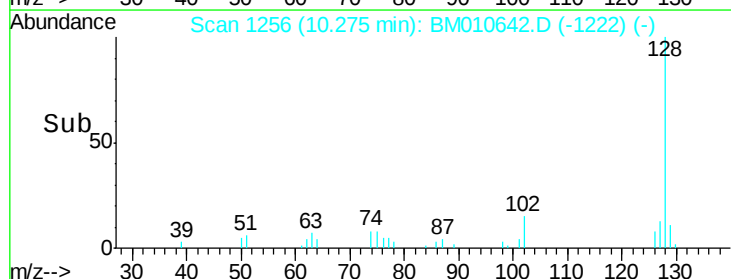
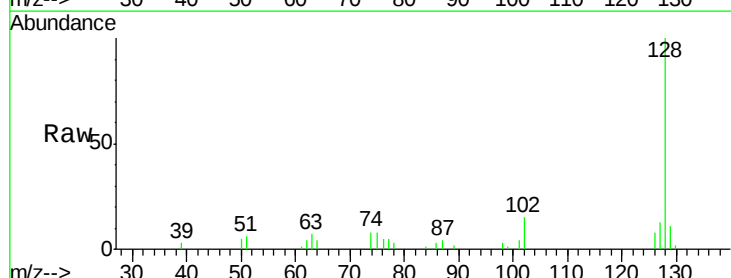
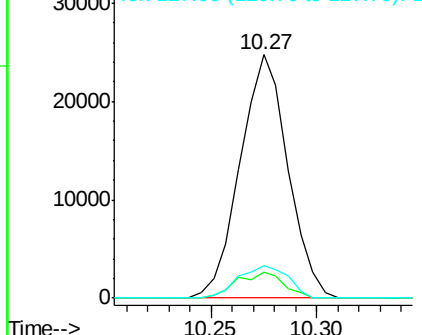
Delta R.T. -0.00 min

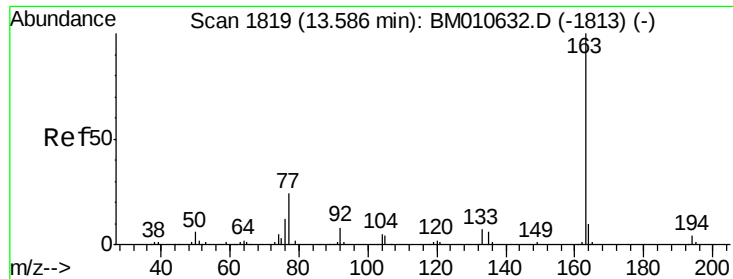
Lab File: BM010642.D

Acq: 22 Jun 2017 02:39

Tgt Ion:	128	Resp:	38872
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.2	10.6	16.0

Abundance Ion 128.00 (127.70 to 128.70): BM010642.D (-1222) (-)





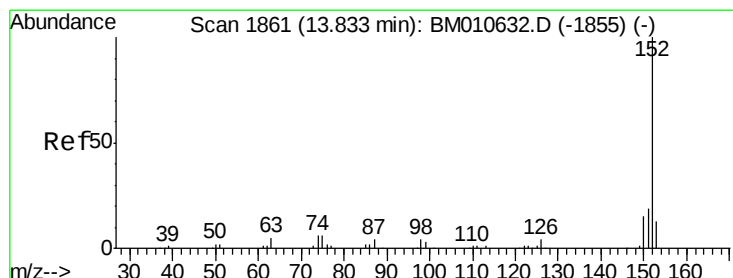
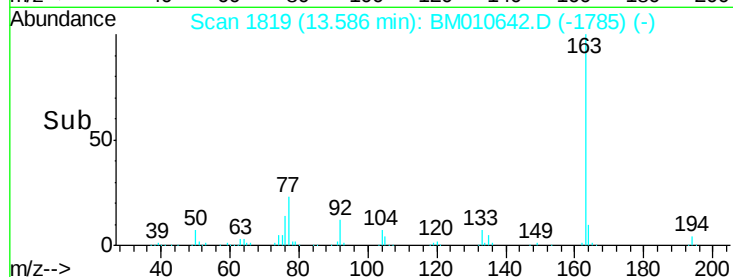
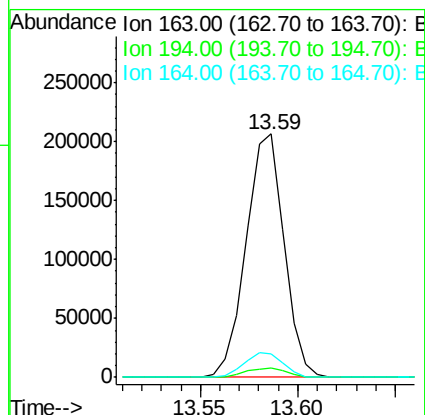
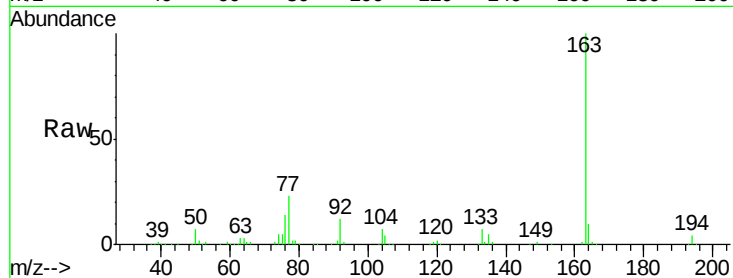
#44
Dimethylphthalate
Concen: 13.598 ng/ul
RT: 13.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Instrument :
BNA_M
ClientSampled :
F5C85

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	279193		
194	3.9		3.5	5.3
164	9.8		8.2	12.4

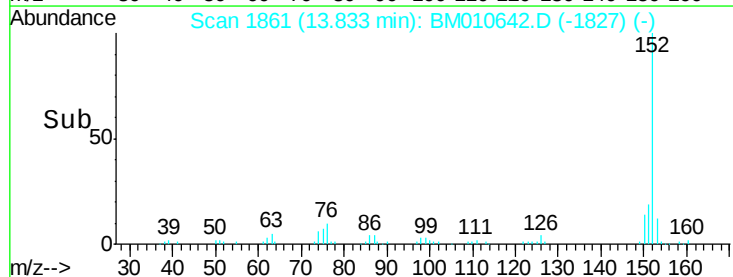
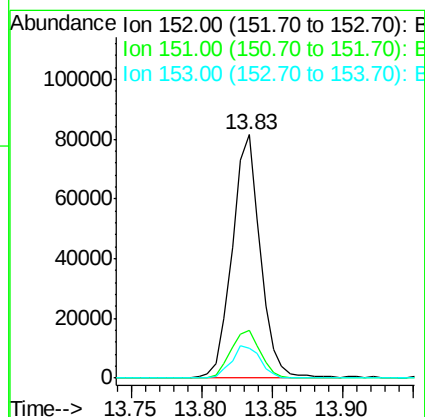
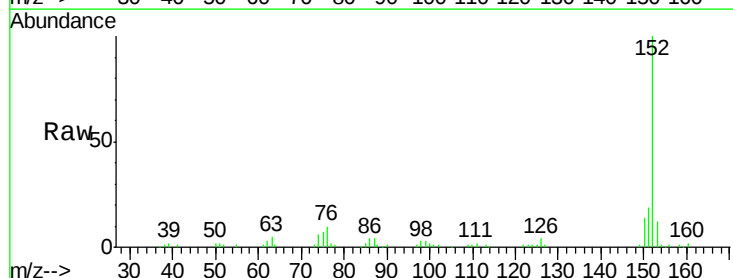
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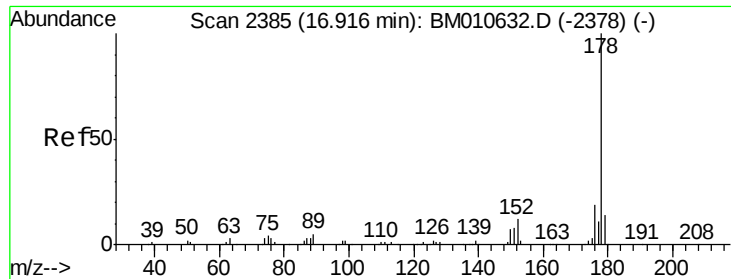
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#47
Acenaphthylene
Concen: 4.887 ng/ul
RT: 13.83 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	113420		
151	19.4		16.3	24.5
153	12.1		10.2	15.4





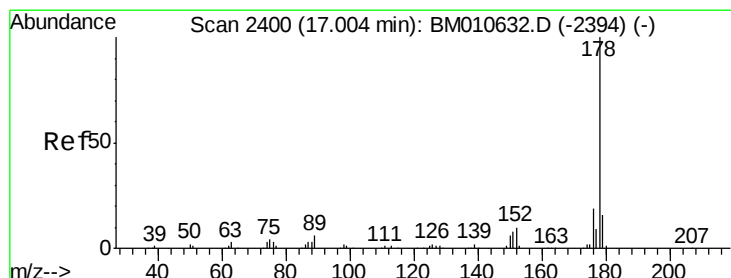
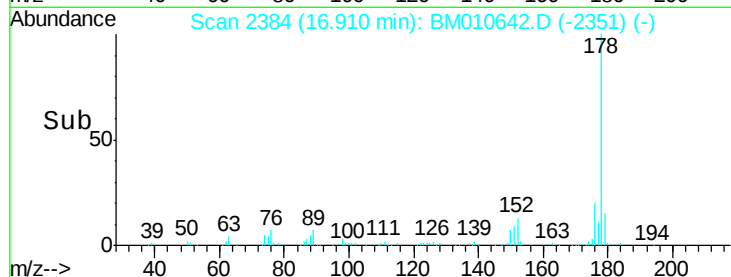
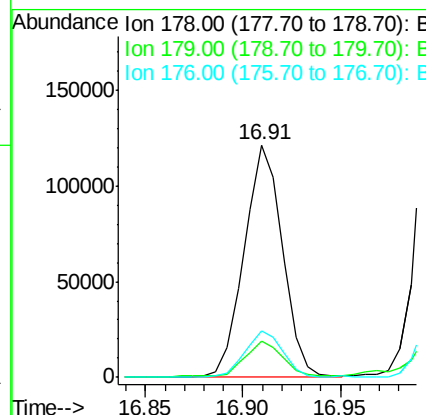
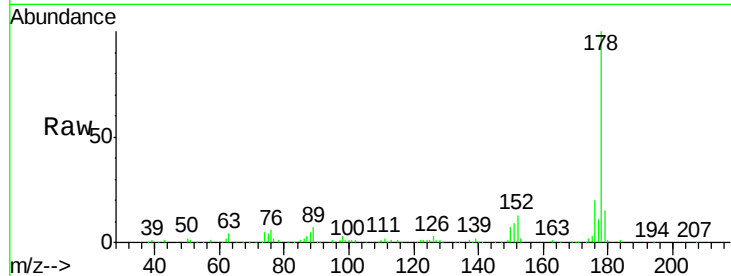
#69
Phenanthrene
Concen: 5.448 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Instrument :
BNA_M
ClientSampleId :
F5C85

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.9	14.9	22.3

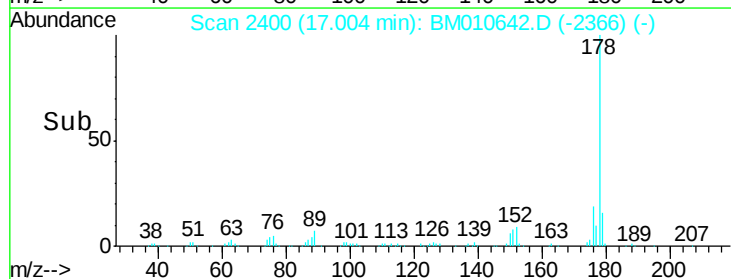
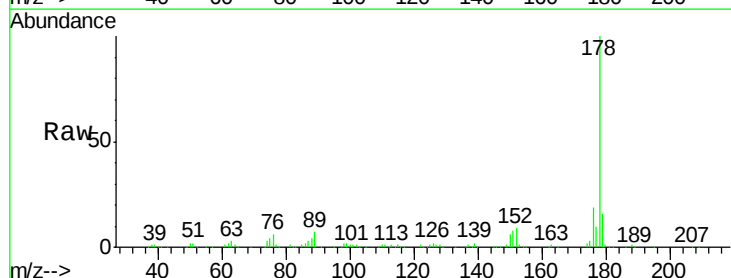
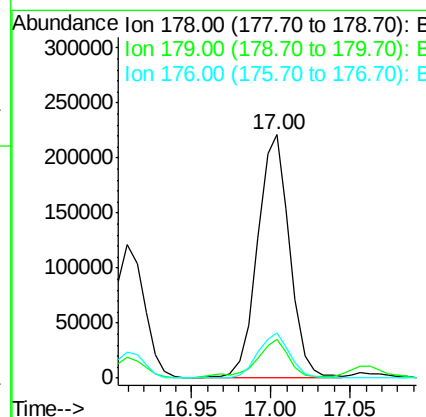
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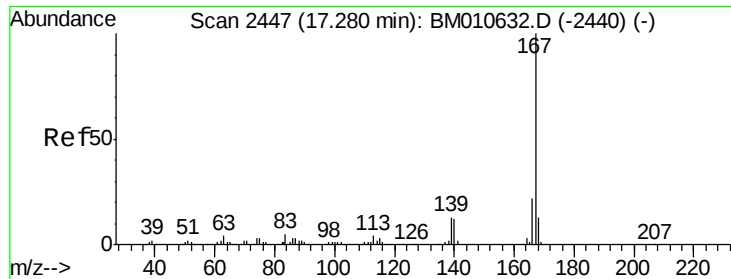
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#71
Anthracene
Concen: 9.957 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.8	14.6	21.8





#72

Carbazole

Concen: 4.306 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010642.D

Acq: 22 Jun 2017 02:39

Instrument :

BNA_M

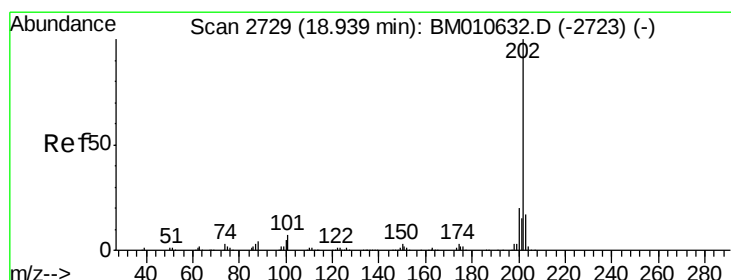
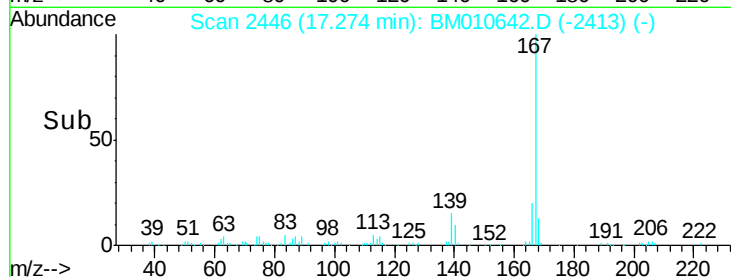
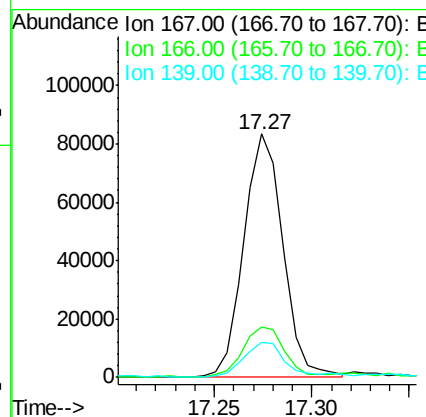
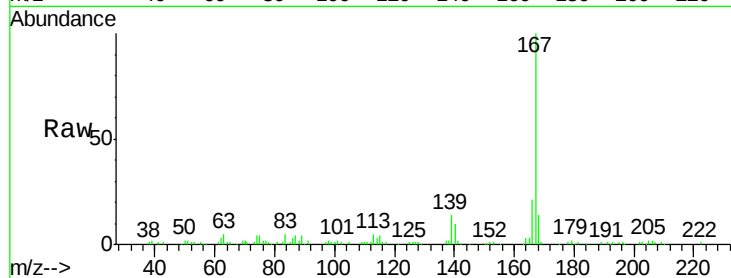
ClientSampleId :

F5C85

Tgt Ion:	167	Resp:	116240
Ion Ratio	Lower	Upper	
167	100		
166	20.6	17.1	25.7
139	14.4	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 67.747 ng/ul

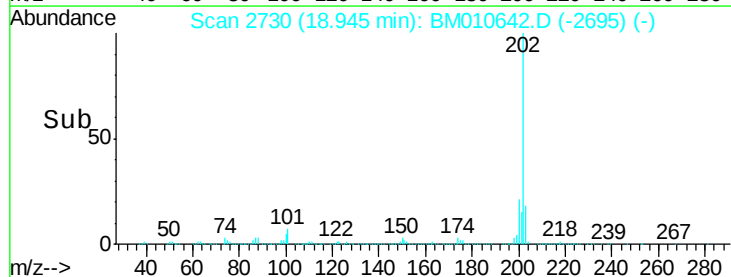
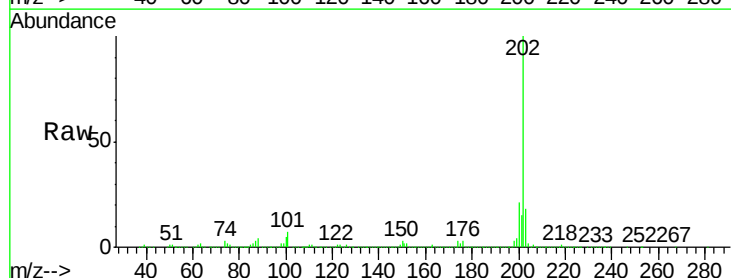
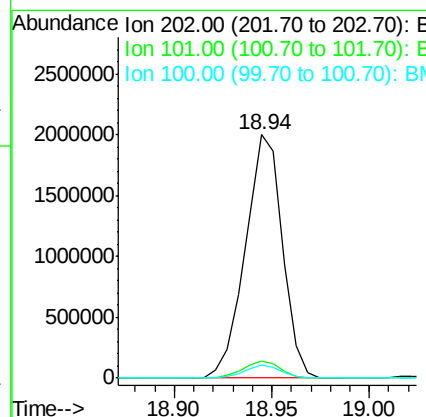
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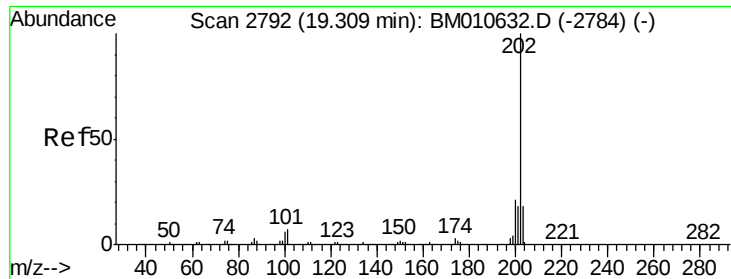
Delta R.T. 0.01 min

Lab File: BM010642.D

Acq: 22 Jun 2017 02:39

Tgt Ion:	202	Resp:	2622308
Ion Ratio	Lower	Upper	
202	100		
101	7.1	4.6	7.0#
100	5.4	3.4	5.2#





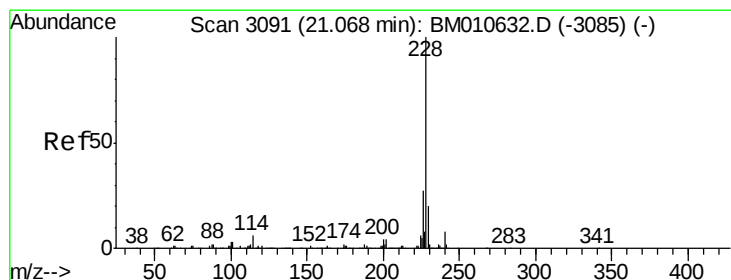
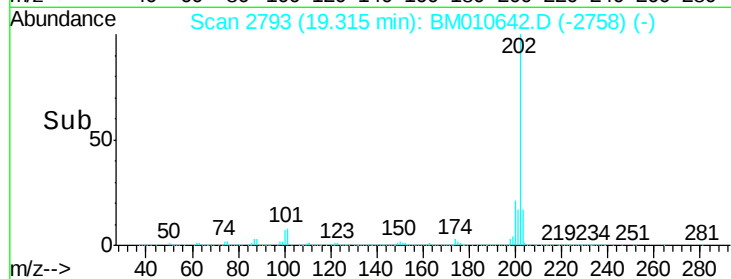
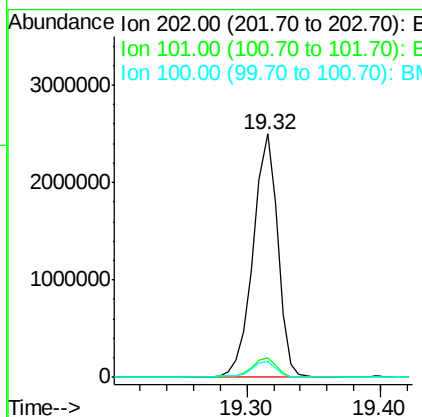
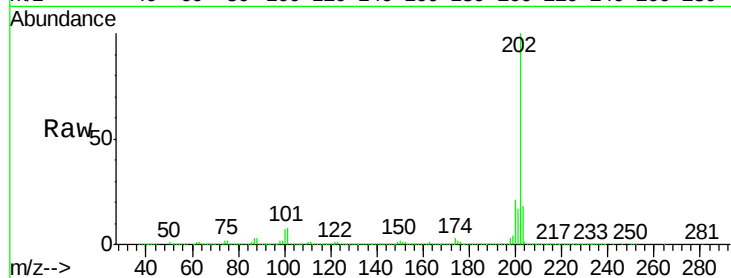
#77
 Pyrene
 Concen: 92.326 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: BM010642.D
 Acq: 22 Jun 2017 02:39

Instrument :
 BNA_M
 ClientSampleId :
 F5C85

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.1	7.7#
100	6.6	4.9	7.3

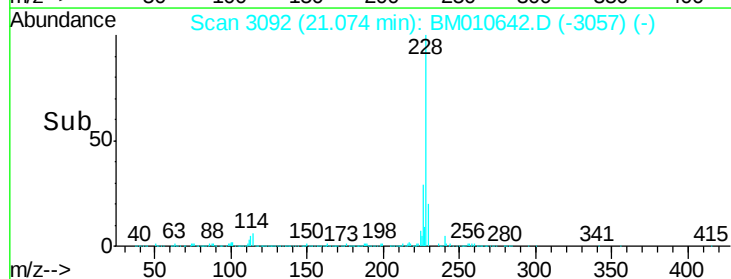
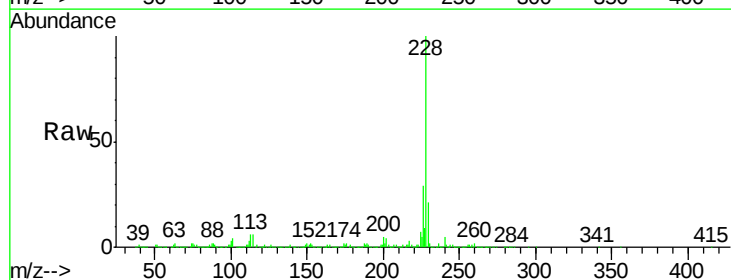
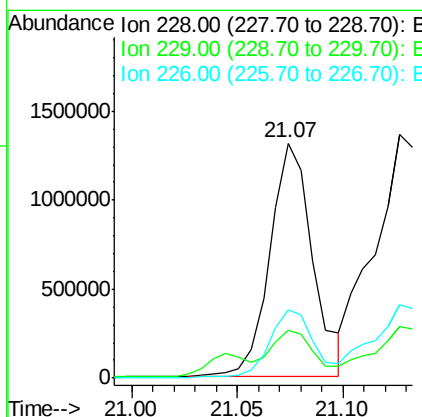
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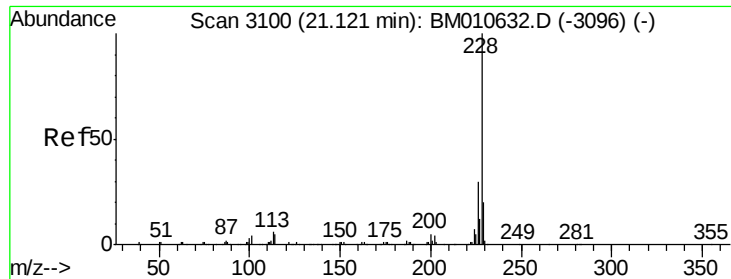
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#80
 Benzo(a)anthracene
 Concen: 53.851 ng/ul
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM010642.D
 Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	29.3	21.4	32.0





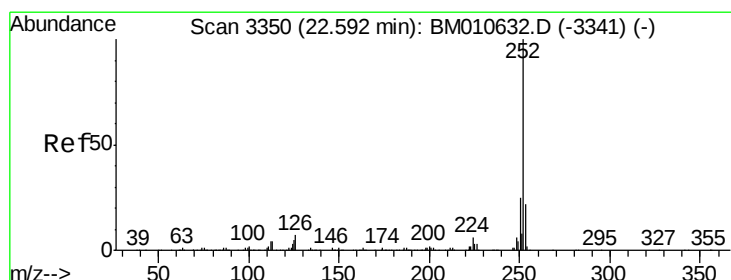
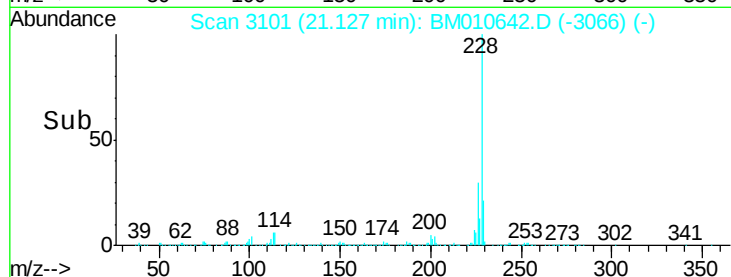
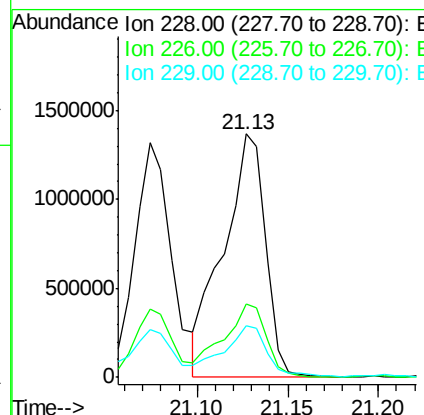
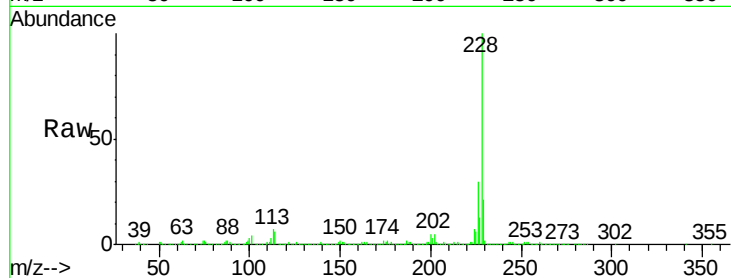
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Chrysene
Concen: 71.357 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Instrument :
BNA_M
ClientSampleId :
F5C85

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.4	15.5	23.3

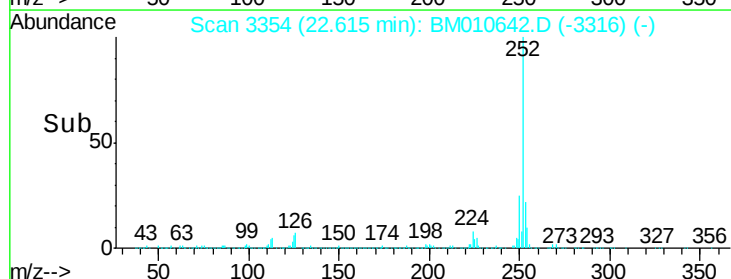
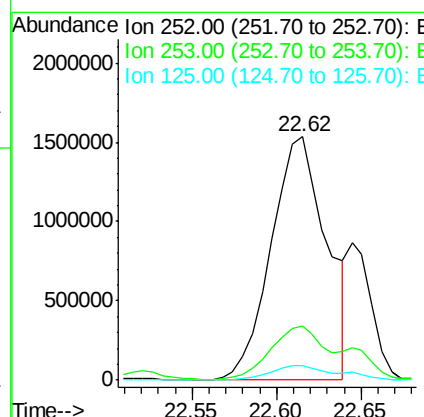
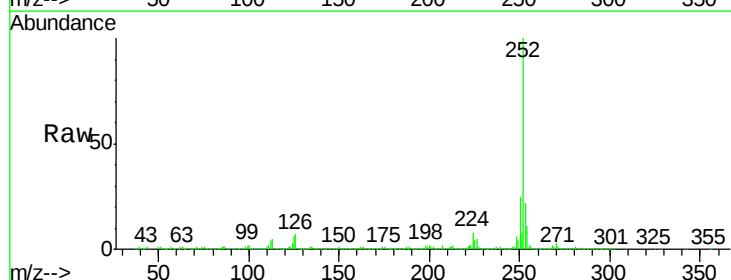
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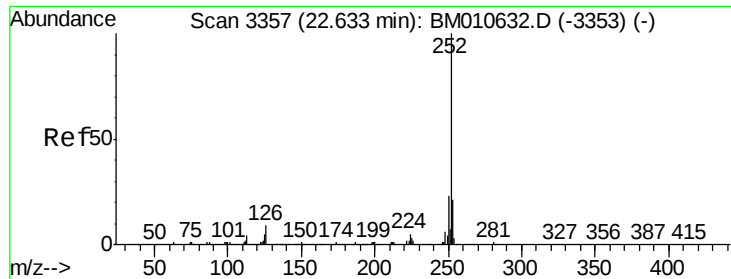
mohammad
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#85
Benzo(b)fluoranthene
Concen: 125.494 ng/ul
RT: 22.62 min Scan# 3354
Delta R.T. 0.02 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.9	3.6	5.4





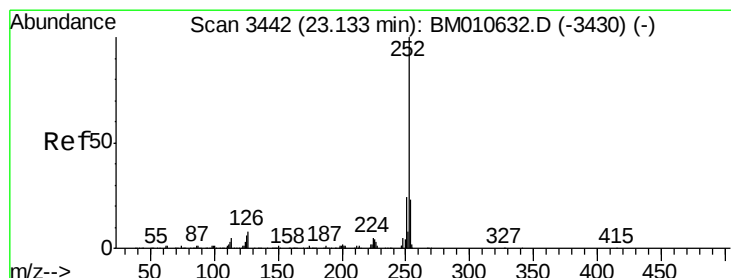
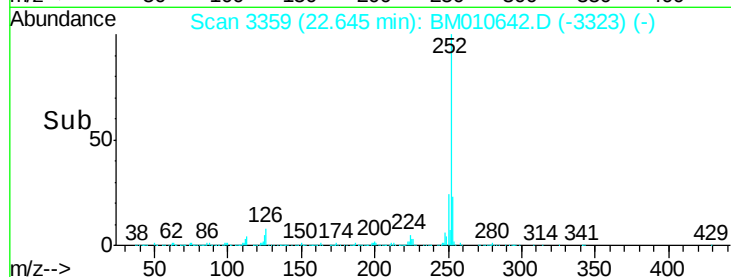
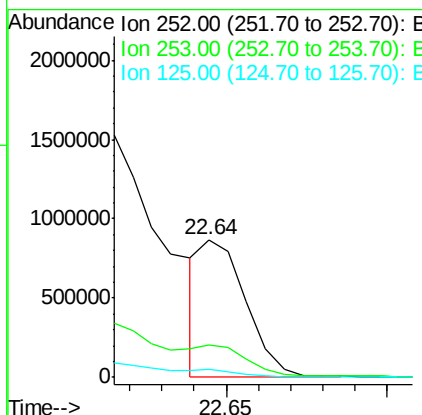
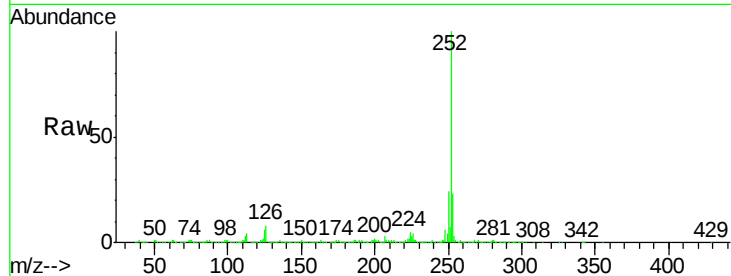
#86
Benzo(k)fluoranthene
Concen: 32.058 ng/ul m
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Instrument :
BNA_M
ClientSampled :
F5C85

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	5.5	3.4	5.2#

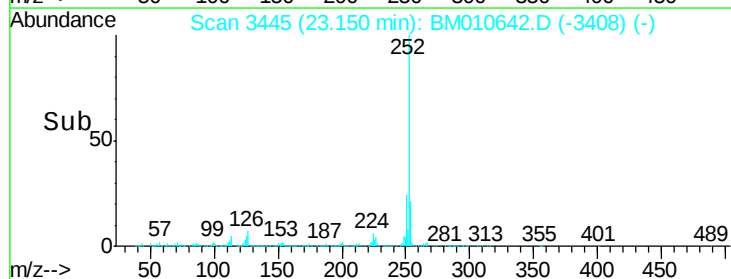
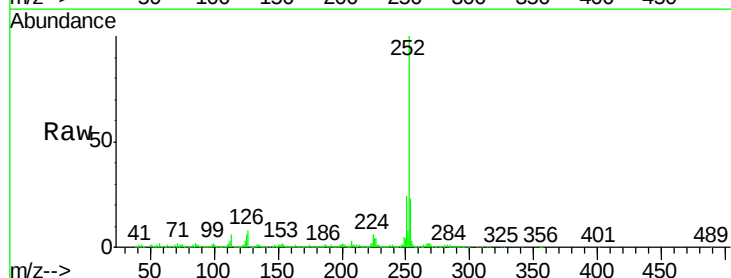
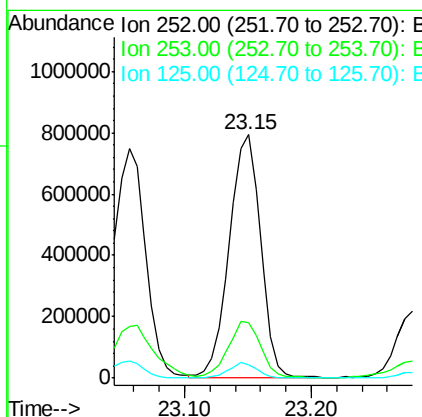
Manual Integrations
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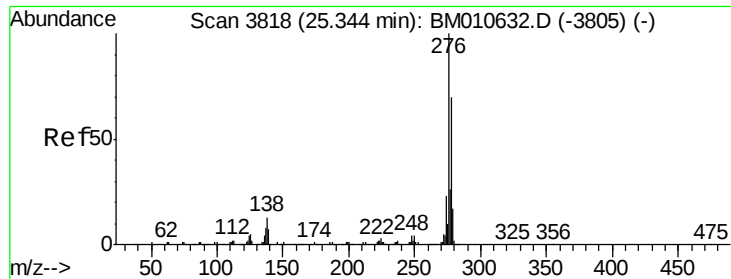
mohammad
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#88
Benzo(a)pyrene
Concen: 52.416 ng/ul
RT: 23.15 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM010642.D
Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	5.6	4.0	6.0





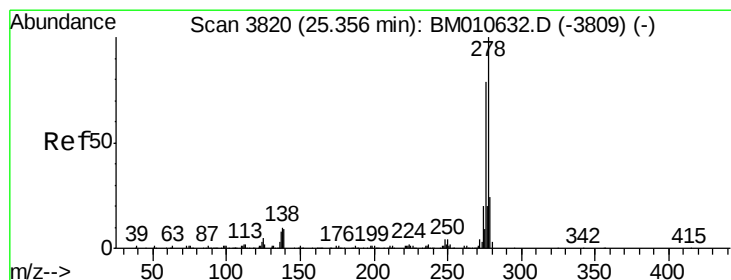
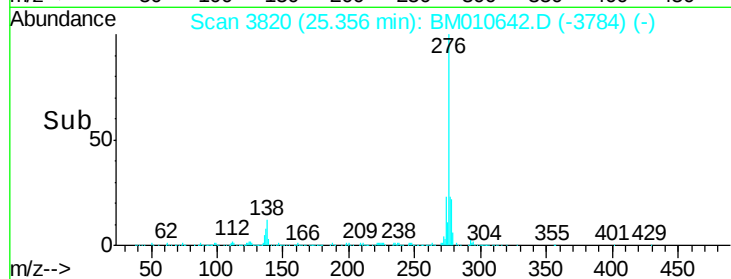
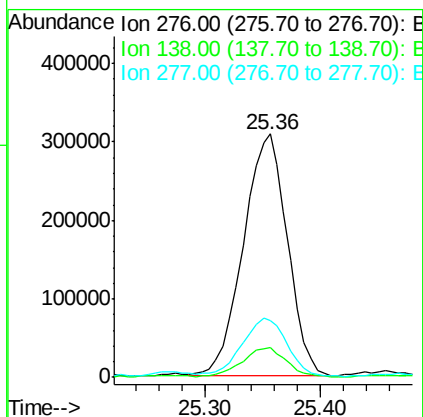
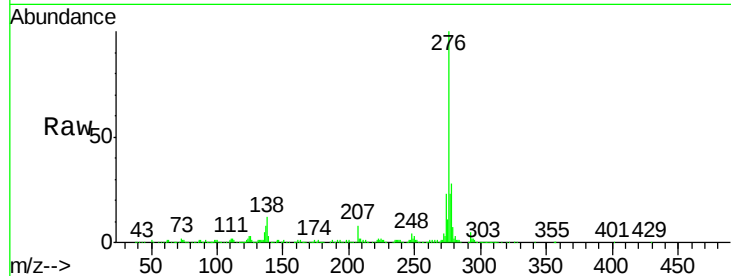
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 30.728 ng/u1
 RT: 25.36 min Scan# 3820
 Delta R.T. 0.01 min
 Lab File: BM010642.D
 Acq: 22 Jun 2017 02:39

Instrument :
 BNA_M
 ClientSampleId :
 F5C85

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	816757		
138	12.0	9.3	13.9	
277	23.4	19.9	29.9	

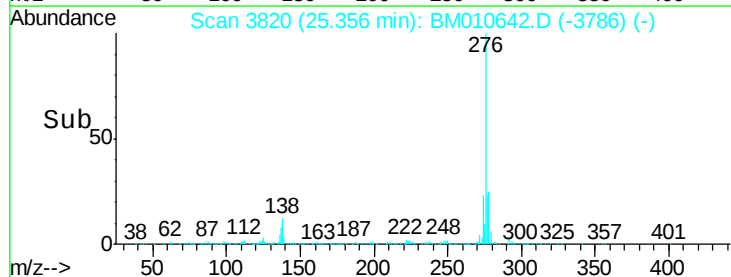
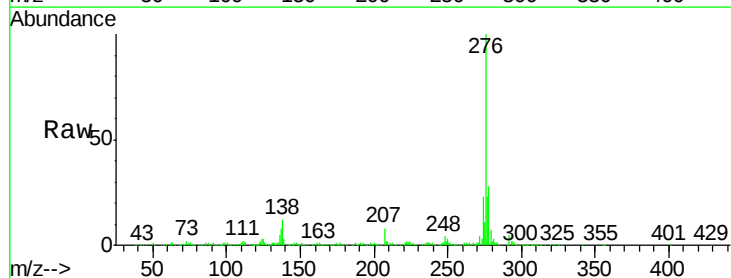
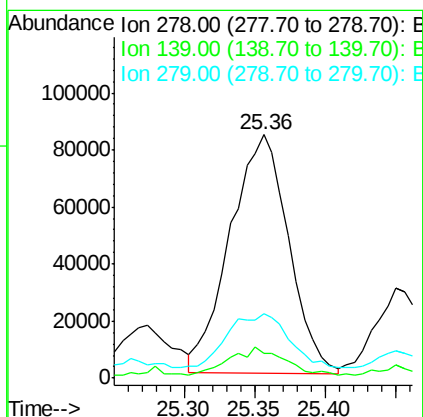
Manual Integrations
 APPROVED

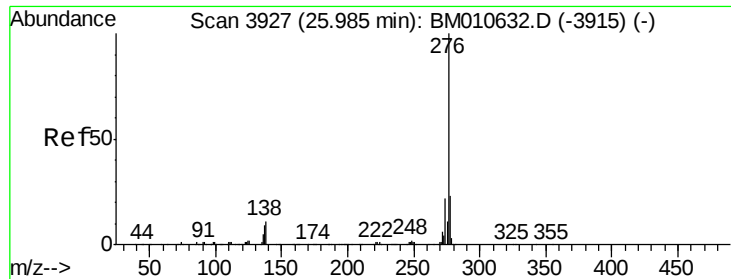
mohammad
 6/22/2017 5:33:22 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 10.906 ng/u1
 RT: 25.36 min Scan# 3820
 Delta R.T. -0.00 min
 Lab File: BM010642.D
 Acq: 22 Jun 2017 02:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	241581		
139	10.4	5.8	8.8#	
279	26.2	18.6	27.8	





#91
 Benzo(g,h,i)perylene
 Concen: 28.255 ng/ul
 RT: 26.00 min Scan# 3929
 Delta R.T. 0.01 min
 Lab File: BM010642.D
 Acq: 22 Jun 2017 02:39

Instrument :
 BNA_M
 ClientSampleId :
 F5C85

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.1	8.5	12.7
277	23.0	18.6	28.0

Manual Integrations
 APPROVED

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