

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010644.D
 Acq On : 22 Jun 2017 03:50
 Operator : SJ/JU
 Sample : I3521-08ME 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C56ME

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

Quant Time: Jun 22 04:31:40 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	76373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	347367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	239966	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	604756	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	703206	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	553216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	562	0.42	ng/uL	0.00
5) Phenol-d5	6.65	99	23521	3.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	13558	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	19380	3.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	18839	3.12	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	9592	3.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	10626	3.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	23370	3.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	29425	4.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	92442	4.39	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	102102	4.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	10041	2.71	ng/ul	0.00
57) Fluorene-d10	15.12	176	78092	4.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	11090	2.99	ng/ul	-0.01
70) Anthracene-d10	16.96	188	126640m	4.34	ng/ul	0.00
76) Pyrene-d10	19.27	212	155919	4.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	118854	4.44	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.27	128	139896	8.093	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	105160	7.568	ng/ul	92
40) 1,1'-Biphenyl	12.94	154	44821	2.389	ng/ul	99
49) Acenaphthene	14.17	153	125316	7.960	ng/ul	97
53) Dibenzofuran	14.52	168	185988	7.801	ng/ul	92
58) Fluorene	15.17	166	180984	9.067	ng/ul	99
69) Phenanthrene	16.91	178	805921	25.067	ng/ul	98
71) Anthracene	17.00	178	84949	2.565	ng/ul	98
74) Fluoranthene	18.94	202	463929	11.197	ng/ul	98
77) Pyrene	19.30	202	302957	7.459	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	87420	2.135	ng/ul	99
82) Chrysene	21.12	228	75002	2.054	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	48095	1.339	ng/ul	95

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

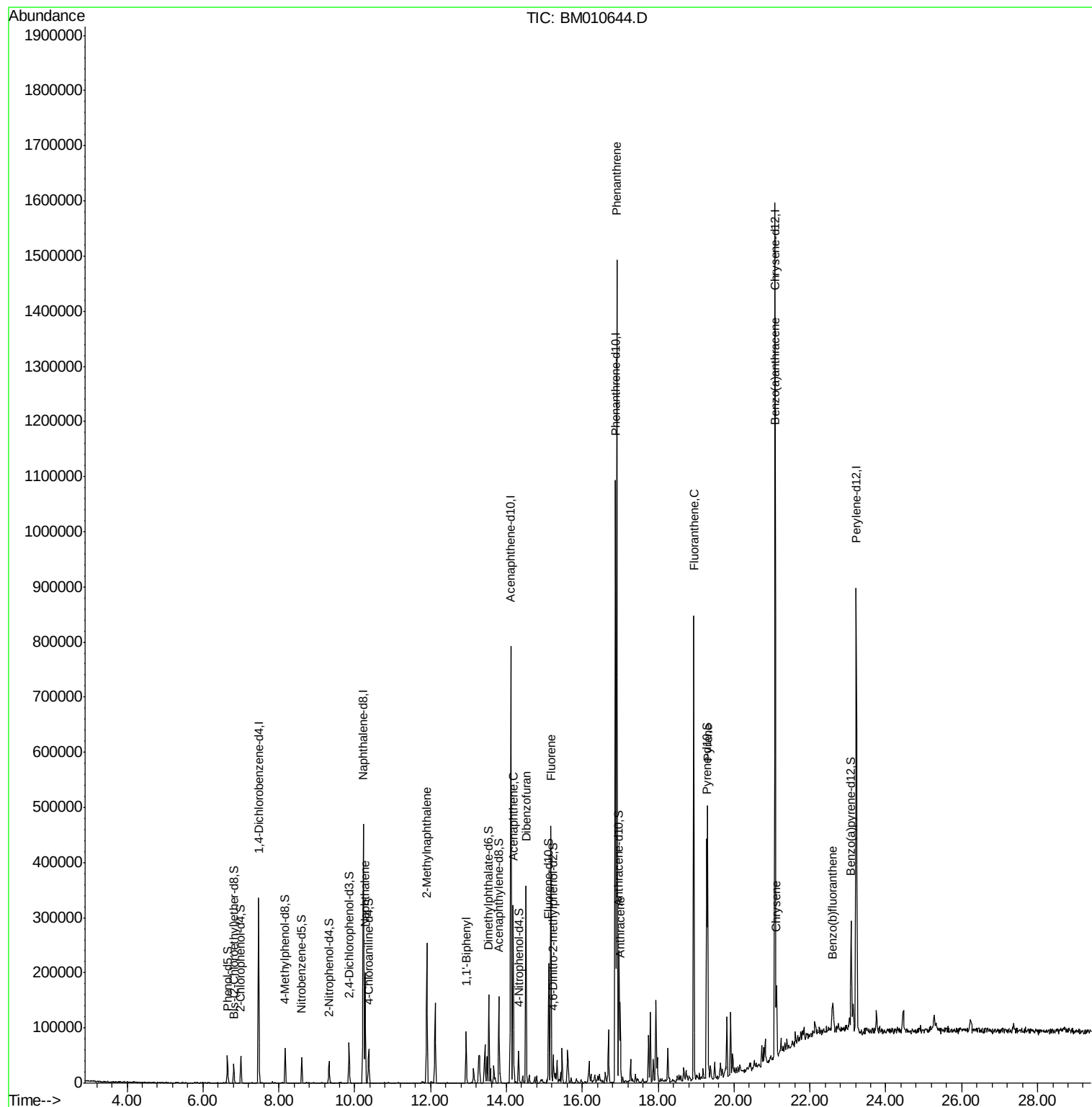
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010644.D
Acq On : 22 Jun 2017 03:50
Operator : SJ/JU
Sample : I3521-08ME 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

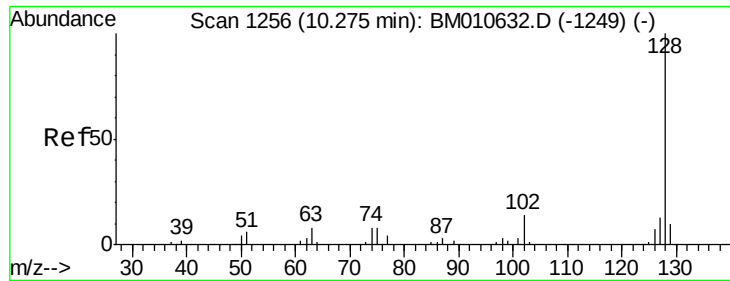
Instrument :
BNA_M
ClientSampleId :
F5C56ME

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Quant Time: Jun 22 04:31:40 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





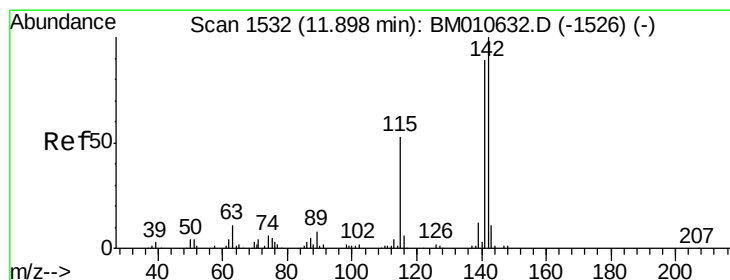
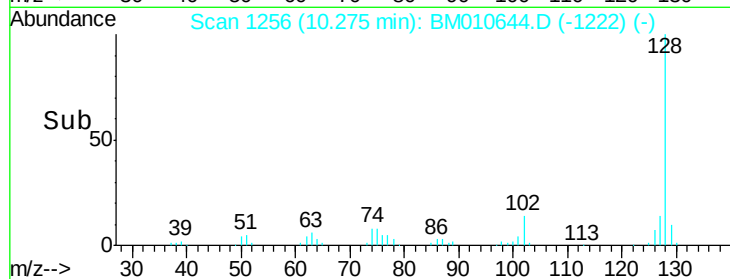
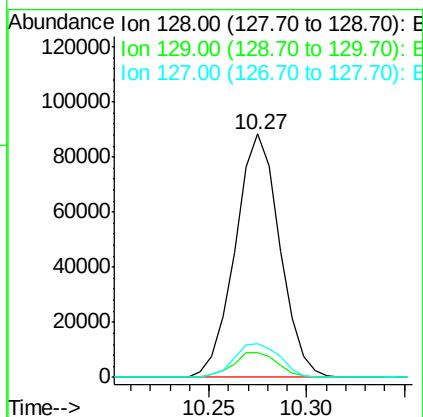
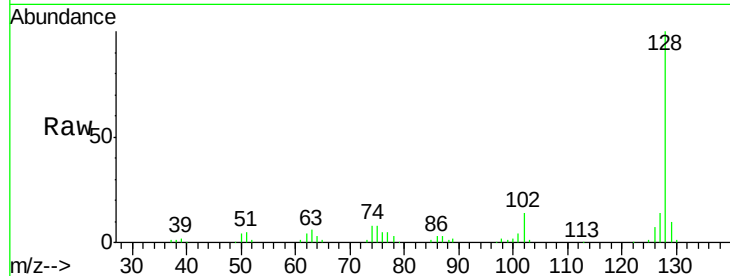
#28
Naphthalene
Concen: 8.093 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Instrument :
BNA_M
ClientSampleId :
F5C56ME

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	139896		
129	10.4		8.8	13.2
127	13.9		10.6	16.0

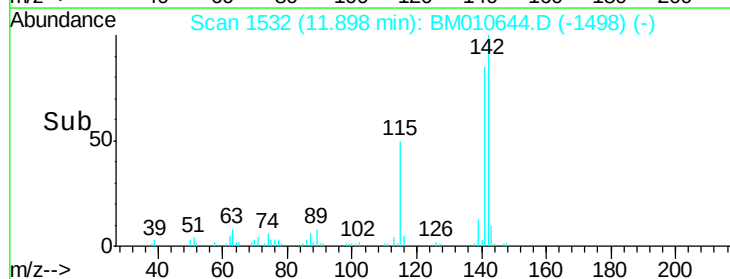
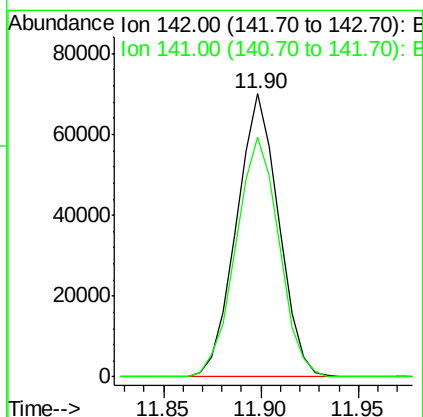
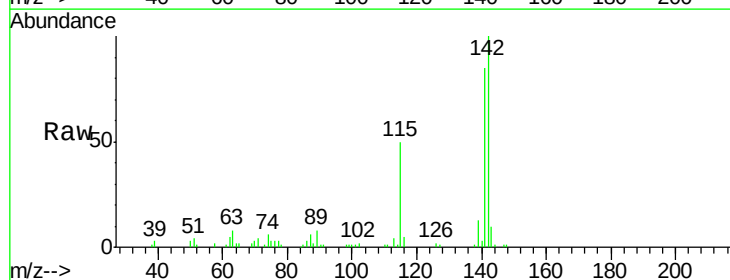
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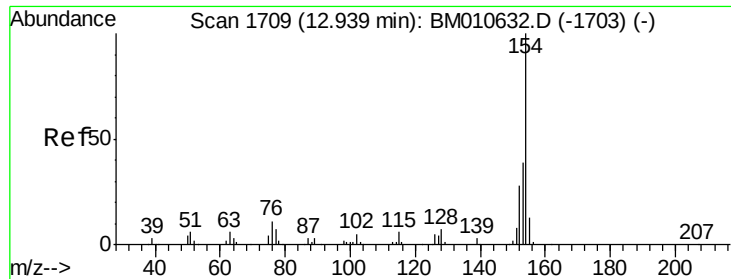
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#34
2-Methylnaphthalene
Concen: 7.568 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	105160		
141	84.7		74.1	111.1





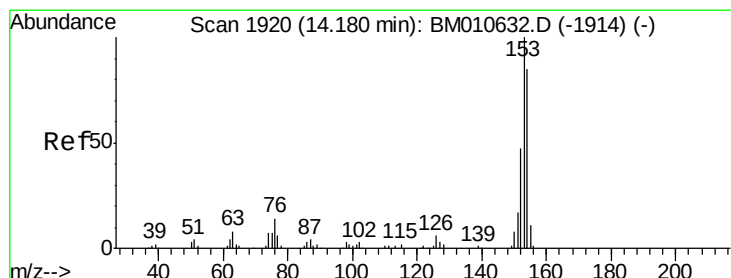
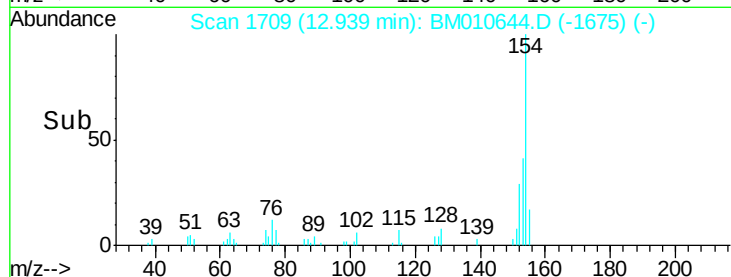
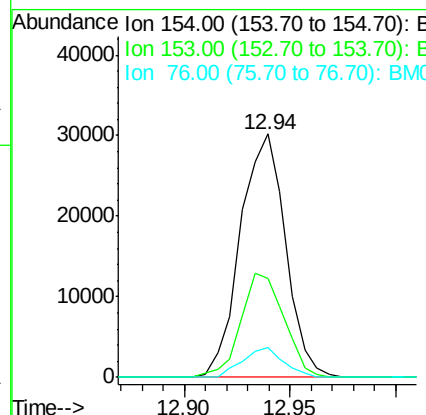
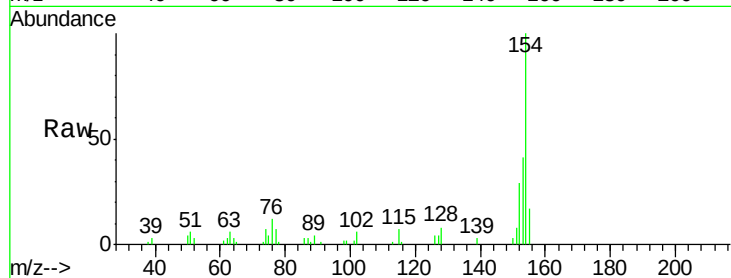
#40
1,1'-Biphenyl
Concen: 2.389 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Instrument :
BNA_M
ClientSampleId :
F5C56ME

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	44821		
153	40.7	32.6	48.8	
76	12.3	8.5	12.7	

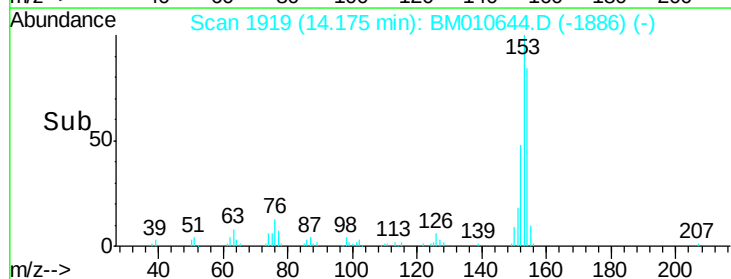
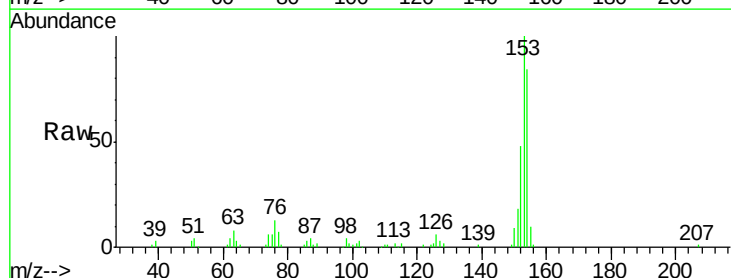
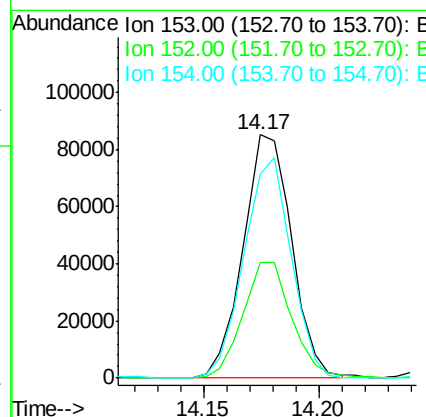
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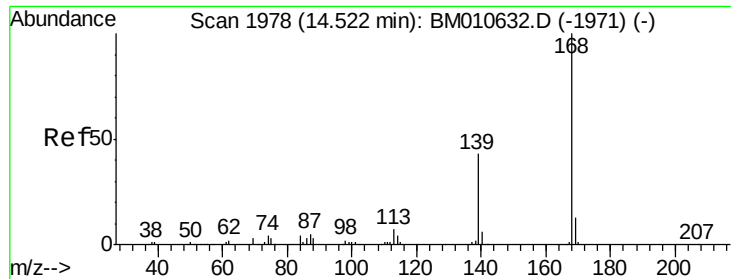
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#49
Acenaphthene
Concen: 7.960 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	125316		
152	47.5	37.6	56.4	
154	83.8	70.4	105.6	





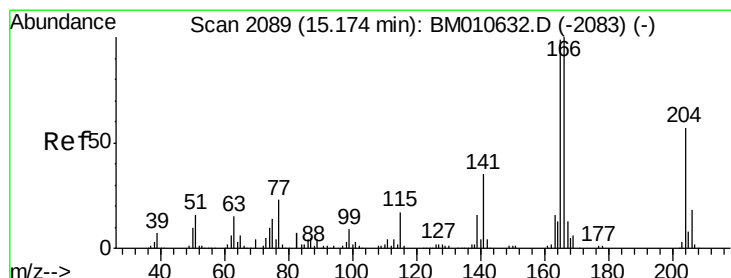
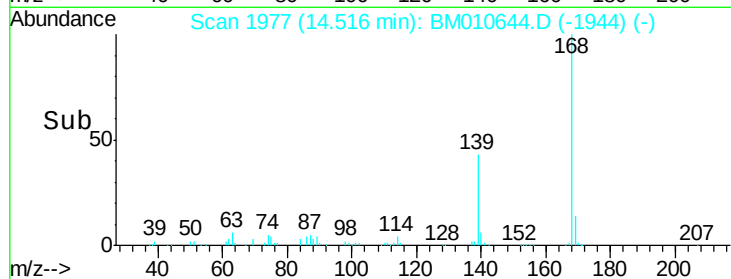
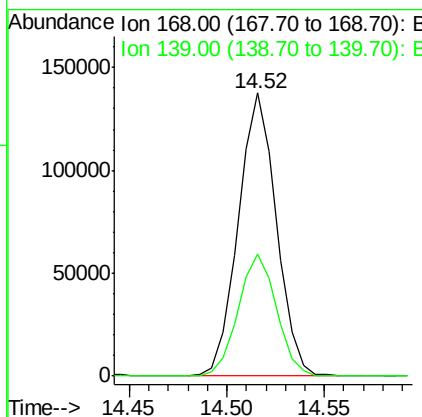
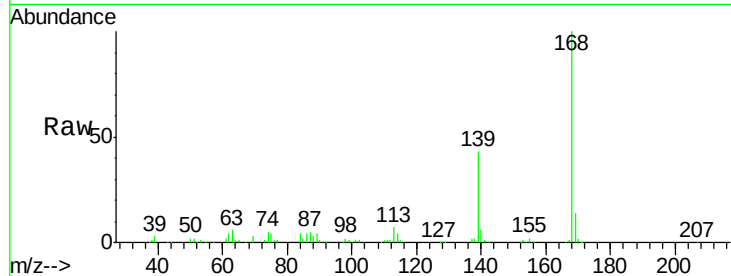
#53
Dibenzenofuran
Concen: 7.801 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Instrument :
BNA_M
ClientSampleId :
F5C56ME

Tgt Ion:168 Resp: 185988
Ion Ratio Lower Upper
168 100
139 43.2 30.8 46.2

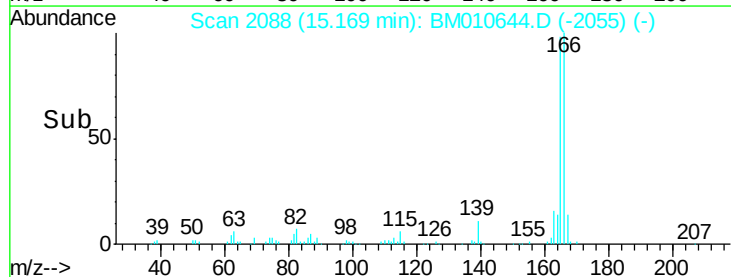
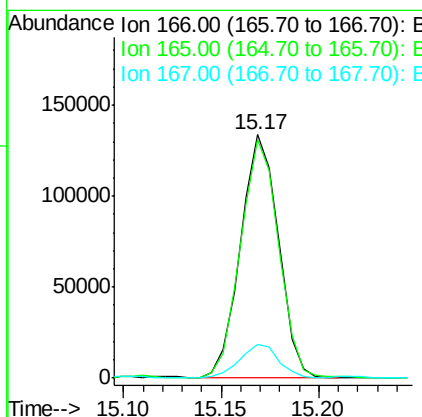
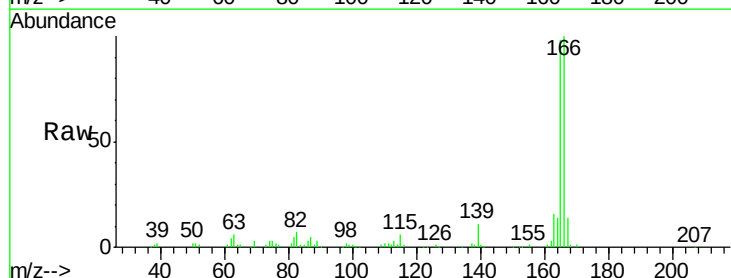
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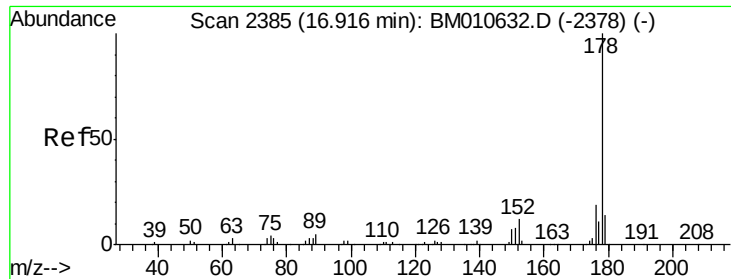
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#58
Fluorene
Concen: 9.067 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Tgt Ion:166 Resp: 180984
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 13.9 10.6 16.0





#69

Phenanthrene

Concen: 25.067 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM010644.D

Acq: 22 Jun 2017 03:50

Instrument :

BNA_M

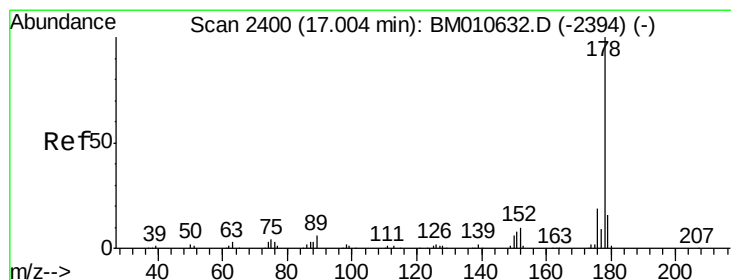
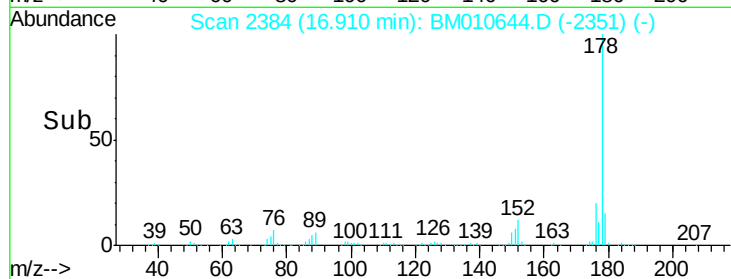
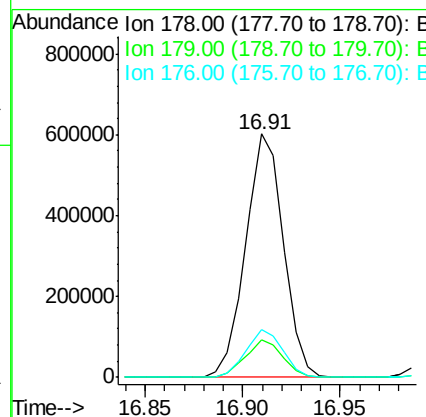
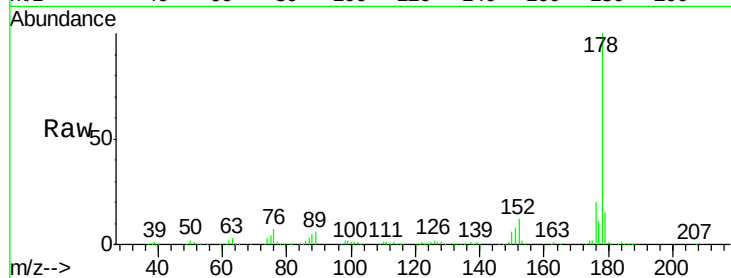
ClientSampleId :

F5C56ME

Tgt Ion:	178	Resp:	805921
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	19.8	14.9	22.3

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#71

Anthracene

Concen: 2.565 ng/ul

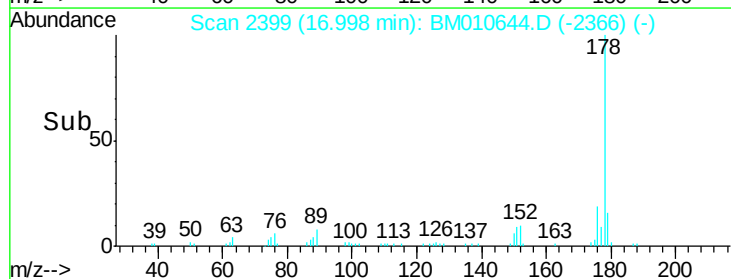
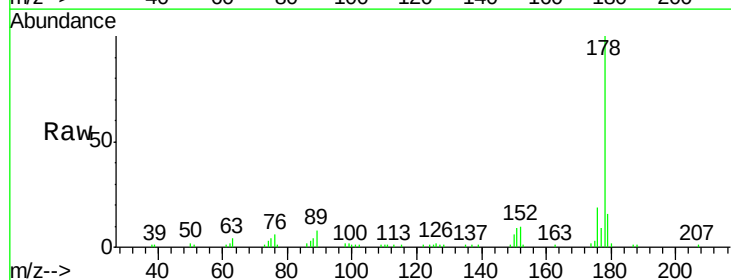
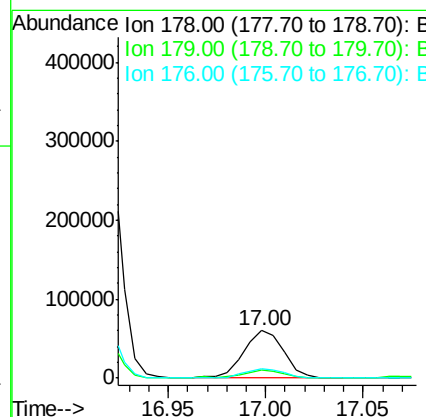
RT: 17.00 min Scan# 2399

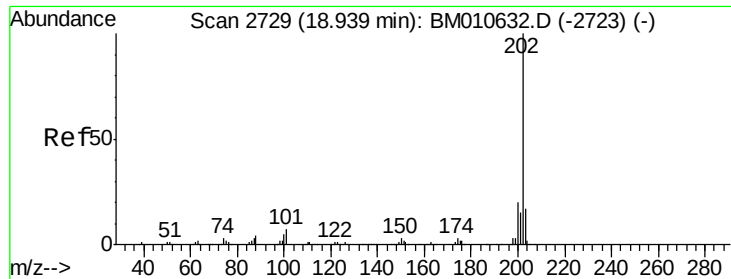
Delta R.T. -0.01 min

Lab File: BM010644.D

Acq: 22 Jun 2017 03:50

Tgt Ion:	178	Resp:	84949
Ion Ratio	Lower	Upper	
178	100		
179	16.3	11.7	17.5
176	18.7	14.6	21.8





#74

Fluoranthene

Concen: 11.197 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM010644.D

Acq: 22 Jun 2017 03:50

Instrument :

BNA_M

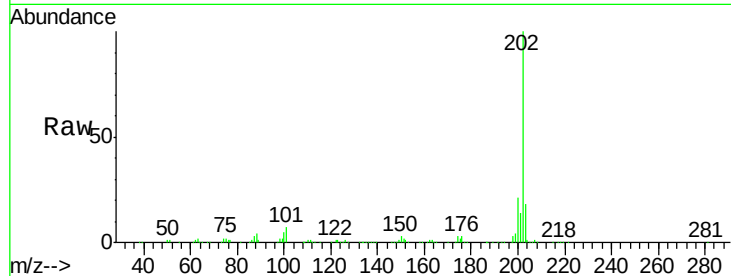
ClientSampleId :

F5C56ME

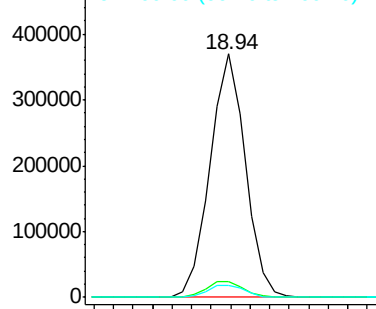
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.6	4.6	7.0
100	5.1	3.4	5.2

Manual Integrations
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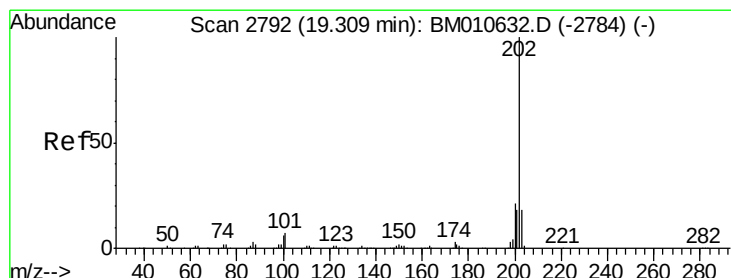
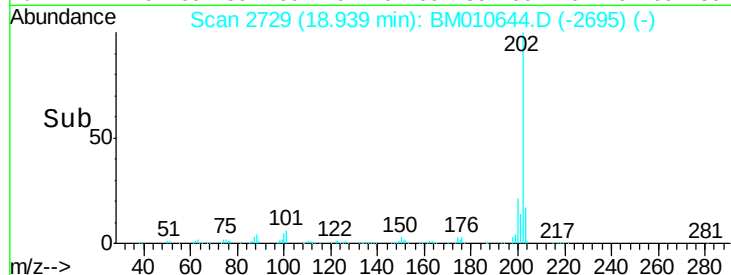
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 7.459 ng/ul

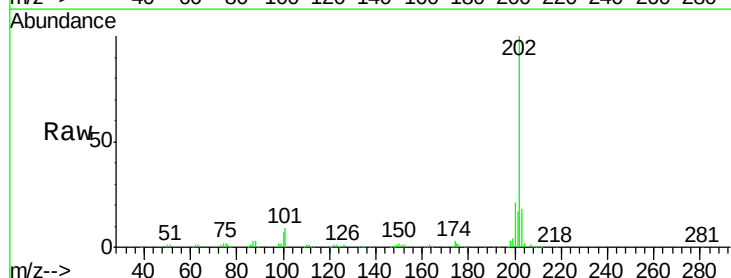
RT: 19.30 min Scan# 2791

Delta R.T. -0.01 min

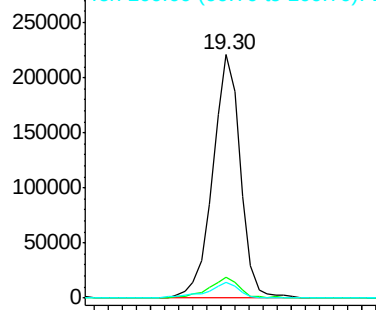
Lab File: BM010644.D

Acq: 22 Jun 2017 03:50

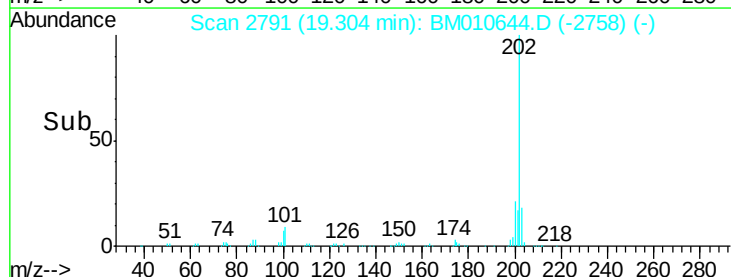
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.6	5.1	7.7#
100	6.7	4.9	7.3

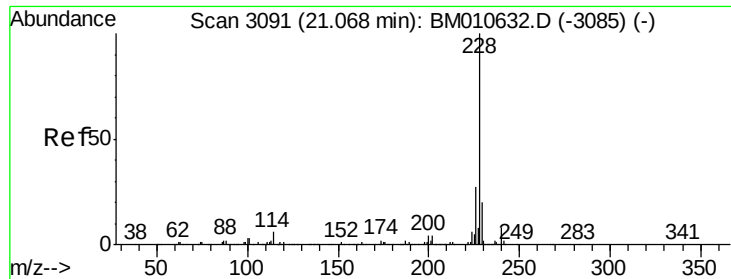


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





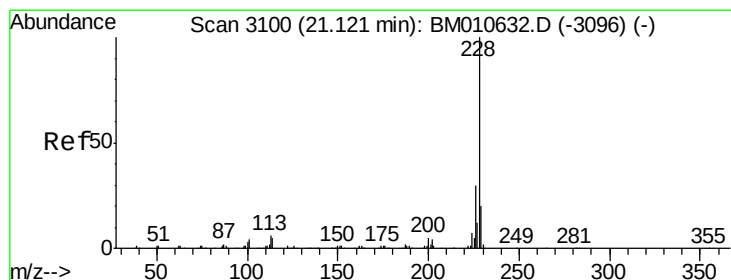
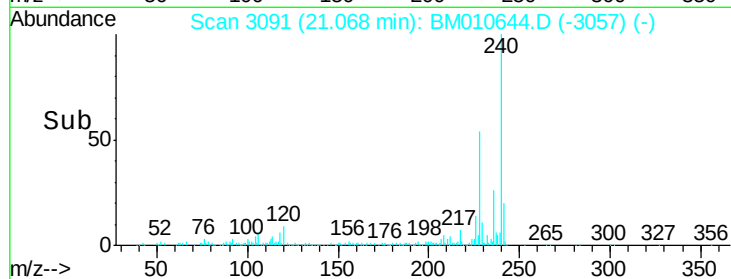
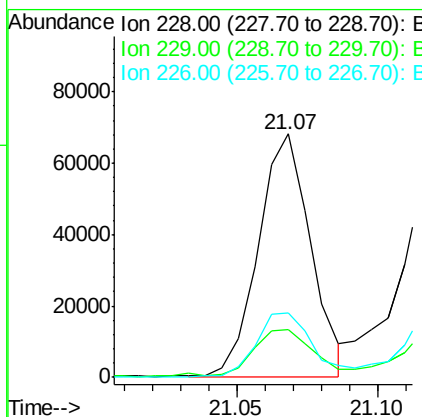
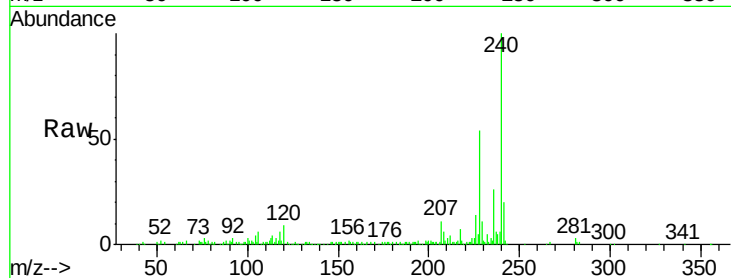
#80
Benzo(a)anthracene
Concen: 2.135 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Instrument :
BNA_M
ClientSampleId :
F5C56ME

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	26.7	21.4	32.0

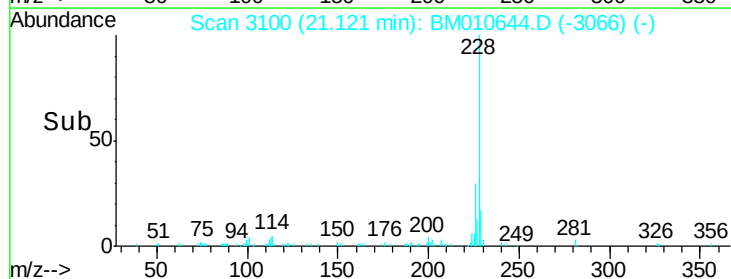
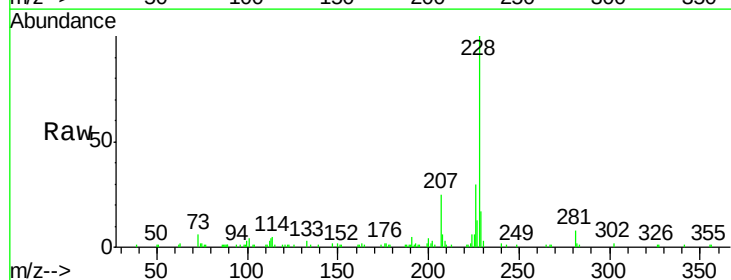
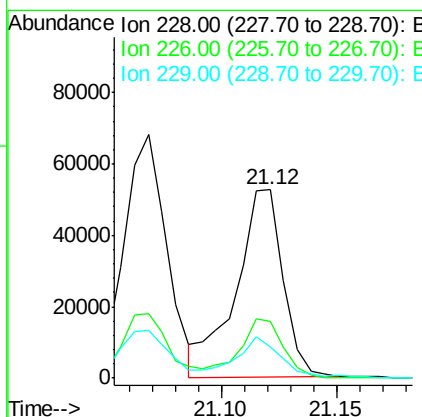
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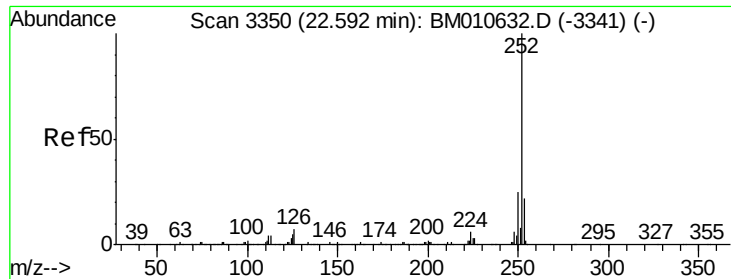
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#82
Chrysene
Concen: 2.054 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM010644.D
Acq: 22 Jun 2017 03:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	16.7	15.5	23.3





#85
 Benzo(b)fluoranthene
 Concen: 1.339 ng/ul
 RT: 22.59 min Scan# 3349
 Delta R.T. -0.01 min
 Lab File: BM010644.D
 Acq: 22 Jun 2017 03:50

Instrument :
 BNA_M
 ClientSampleId :
 F5C56ME

Tgt Ion:	252	Resp:	48095
Ion Ratio	Lower	Upper	
252	100		
253	19.9	17.9	26.9
125	5.0	3.6	5.4

Manual Integrations
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