

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011662.D
 Acq On : 21 Sep 2017 20:14
 Operator : SJ/JU
 Sample : I5283-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB3B1

Manual Integrations
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Quant Time: Sep 22 08:02:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	370492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1720452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	984014	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2146383	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2195294	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1785540	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	3162	0.38	ng/uL	0.00
5) Phenol-d5	7.11	99	47686	1.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	80855	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	48209	1.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	40671	1.46	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	38065	2.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	8358	0.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	29015m	1.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	1452	0.05	ng/ul	-0.02
44) Dimethylphthalate-d6	13.99	166	129344	1.55	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	328315	3.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	376	0.02	ng/ul	-0.12
58) Fluorene-d10	15.58	176	277895	3.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.71	200	330	0.03	ng/ul	0.01
71) Anthracene-d10	17.43	188	436605	4.13	ng/ul	0.00
79) Pyrene-d10	19.72	212	544522	5.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	339807	3.99	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.82	128	96672	1.084	ng/ul	95
45) Dimethylphthalate	14.04	163	203794	2.559	ng/ul#	97
70) Phenanthrene	17.37	178	1278648	10.688	ng/ul	99
72) Anthracene	17.46	178	261048	2.126	ng/ul	96
77) Fluoranthene	19.38	202	2188552	17.785	ng/ul#	90
80) Pyrene	19.74	202	1876726	14.652	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	973000	8.050	ng/ul	99
85) Chrysene	21.53	228	874903	7.984	ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	1023780	9.531	ng/ul#	92
89) Benzo(k)fluoranthene	23.19	252	305779m	2.964	ng/ul	
91) Benzo(a)pyrene	23.76	252	609935	6.016	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	333036	2.986	ng/ul#	88
94) Benzo(g,h,i)perylene	27.03	276	309104	3.422	ng/ul#	91

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

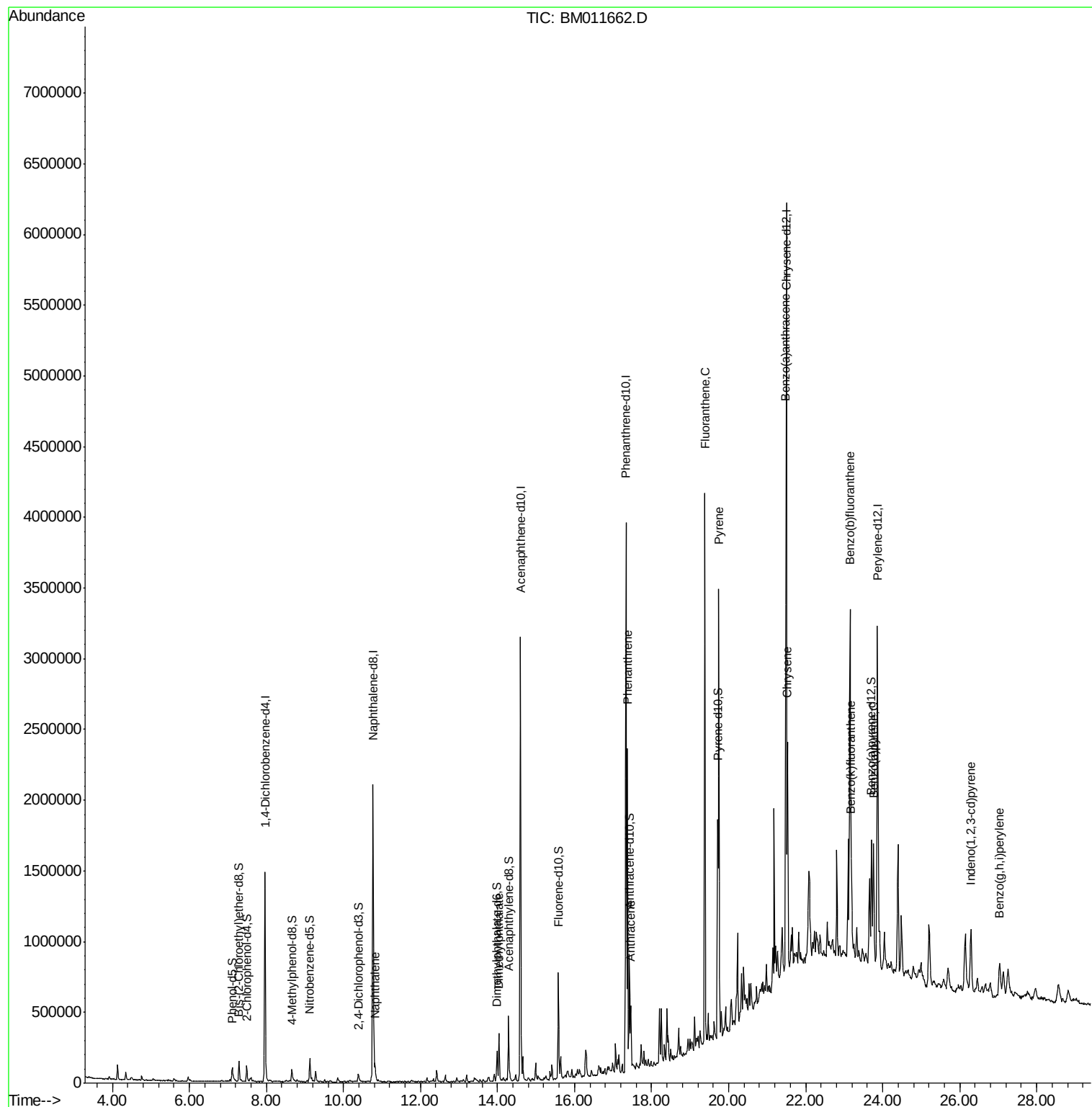
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011662.D
Acq On : 21 Sep 2017 20:14
Operator : SJ/JU
Sample : I5283-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

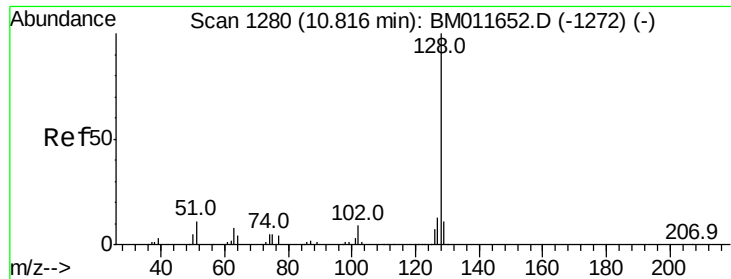
Instrument :
BNA_M
ClientSampleId :
CB3B1

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Quant Time: Sep 22 08:02:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration





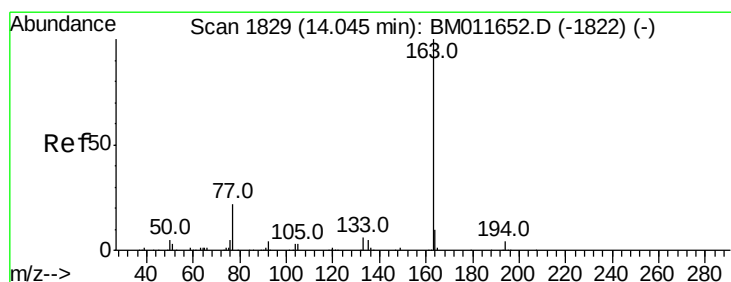
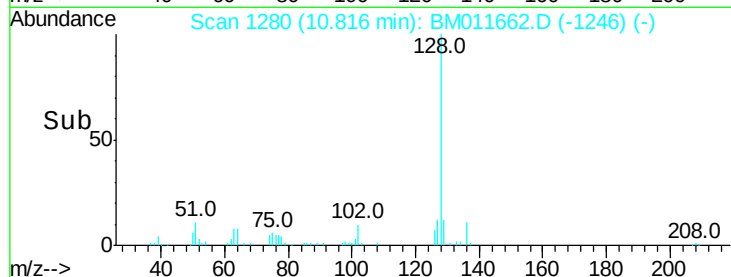
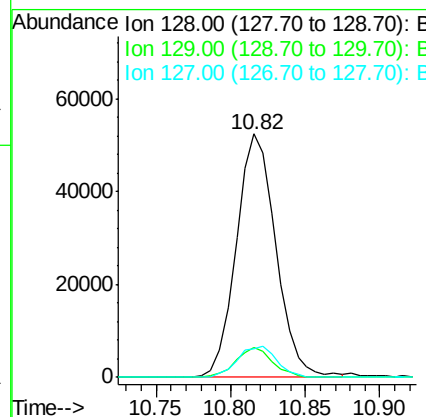
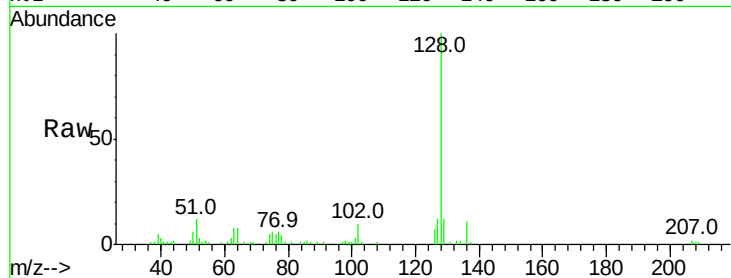
#28
Naphthalene
Concen: 1.084 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Instrument :
BNA_M
ClientSampleId :
CB3B1

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.3	12.5
127	11.8	10.8	16.2

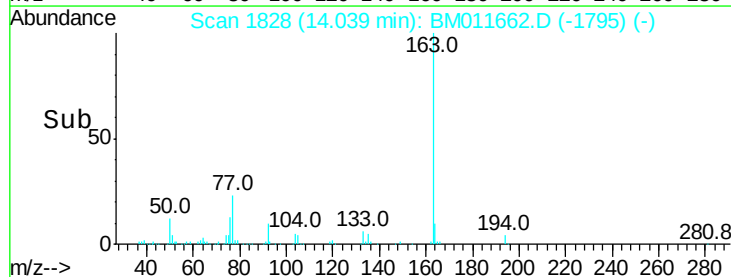
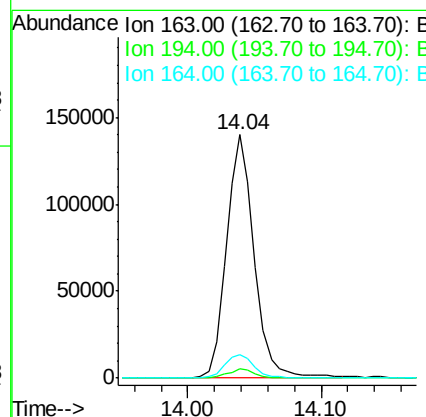
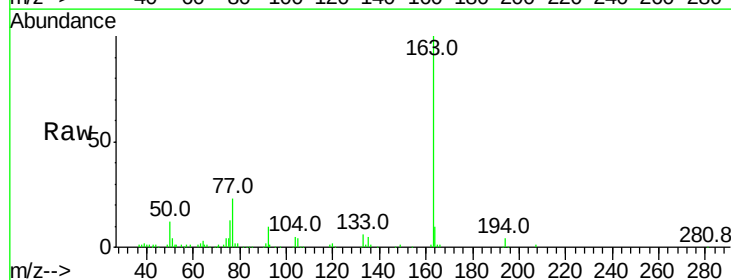
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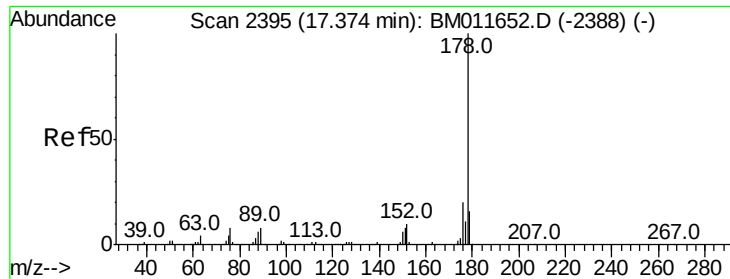
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#45
Dimethylphthalate
Concen: 2.559 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.7	8.4	12.6





#70

Phenanthrene

Concen: 10.688 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM011662.D

Acq: 21 Sep 2017 20:14

Instrument :

BNA_M

ClientSampleId :

CB3B1

Tot Ion:178 Resp: 1278648

Ion Ratio Lower Upper

178 100

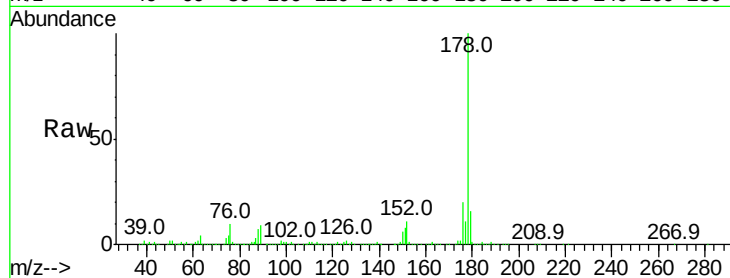
179 15.5 12.3 18.5

176 19.6 15.4 23.0

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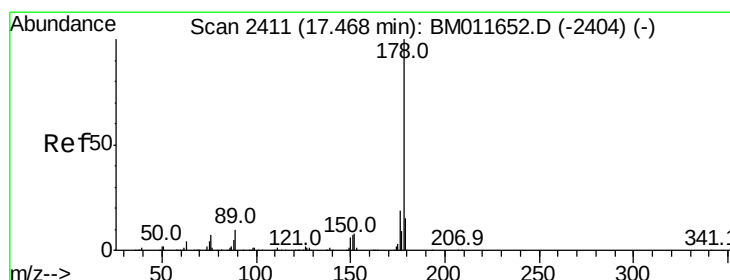
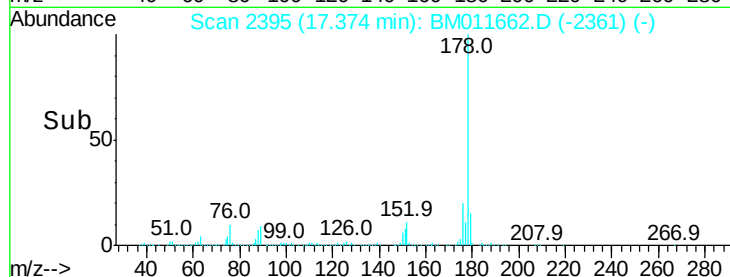
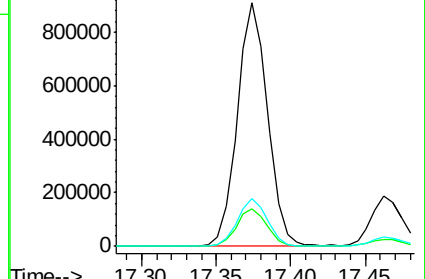
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.126 ng/ul

RT: 17.46 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM011662.D

Acq: 21 Sep 2017 20:14

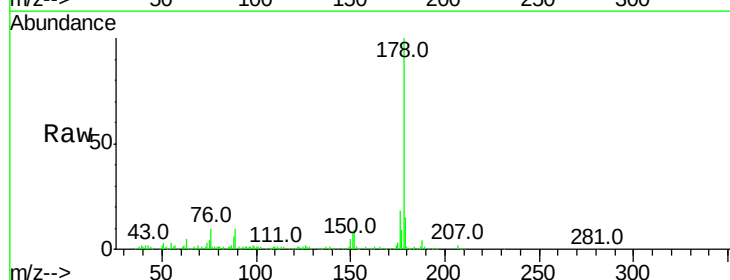
Tgt Ion:178 Resp: 261048

Ion Ratio Lower Upper

178 100

179 14.7 13.4 20.2

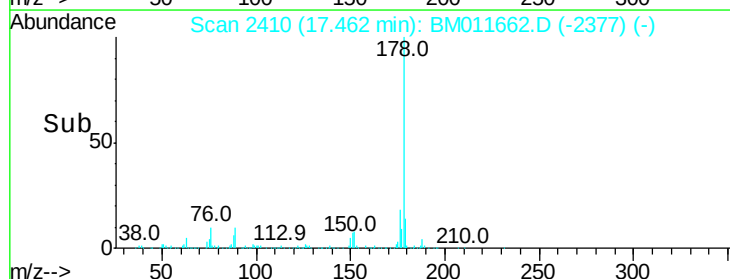
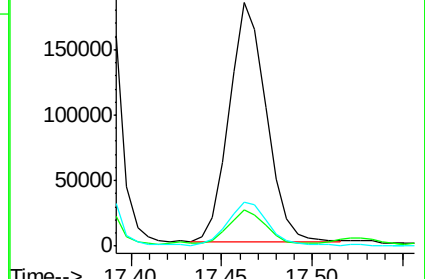
176 18.2 15.4 23.0

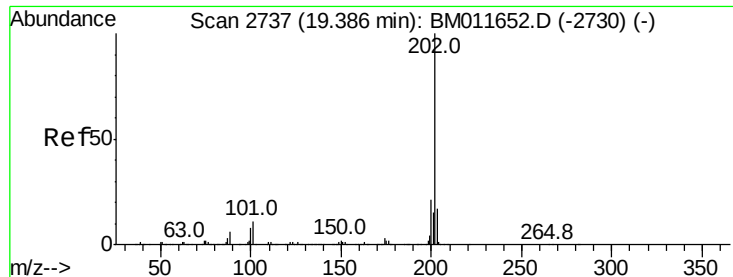


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





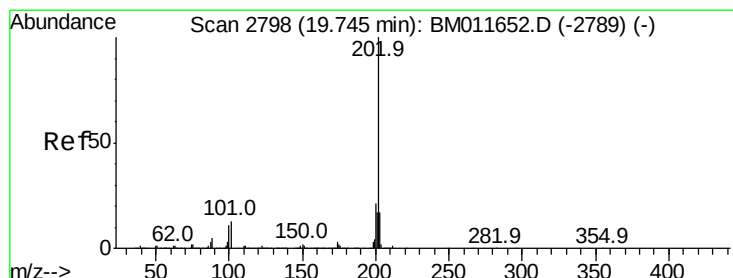
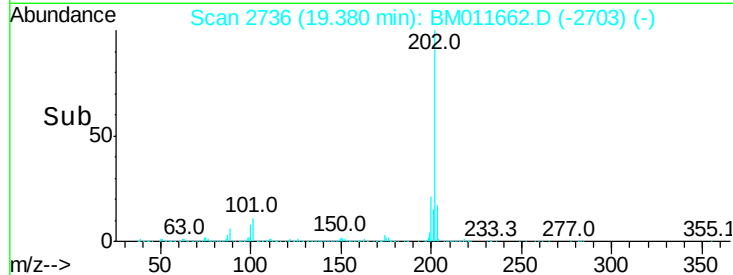
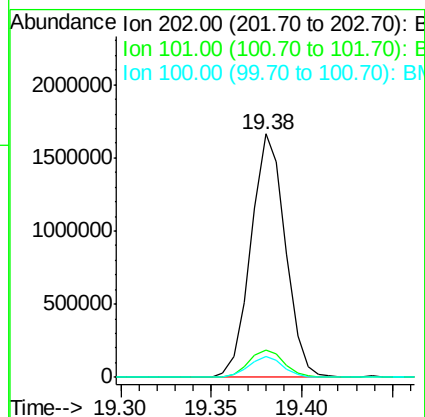
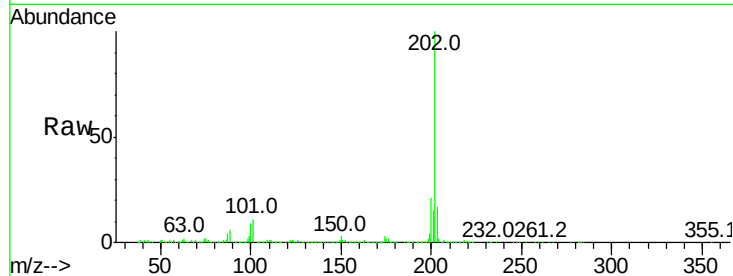
#77
 Fluoranthene
 Concen: 17.785 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM011662.D
 Acq: 21 Sep 2017 20:14

Instrument :
 BNA_M
 ClientSampleId :
 CB3B1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2188552		
101	11.3		6.1	9.1#
100	8.5		4.6	7.0#

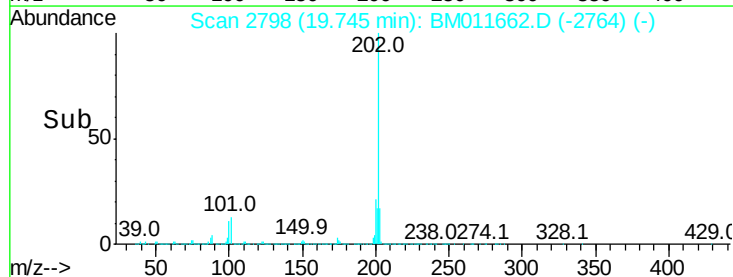
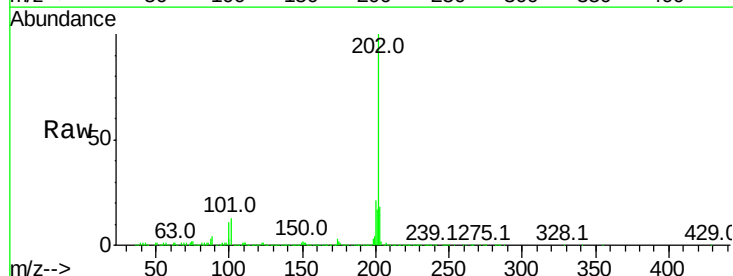
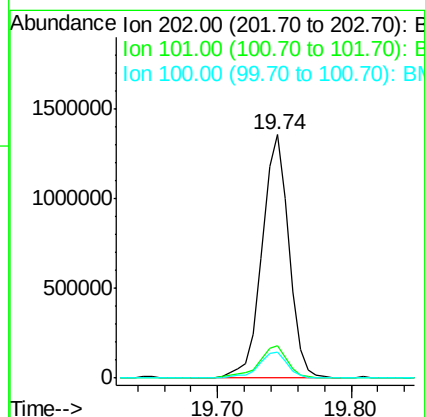
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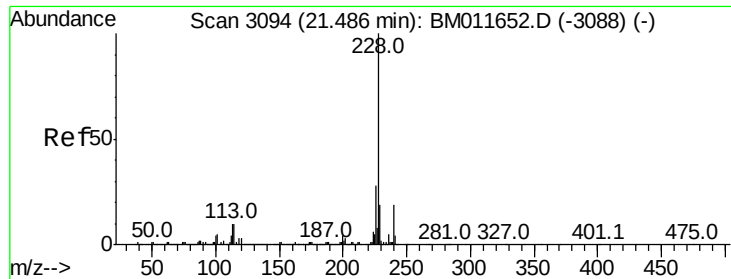
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#80
 Pyrene
 Concen: 14.652 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011662.D
 Acq: 21 Sep 2017 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1876726		
101	13.1		6.9	10.3#
100	10.6		5.6	8.4#





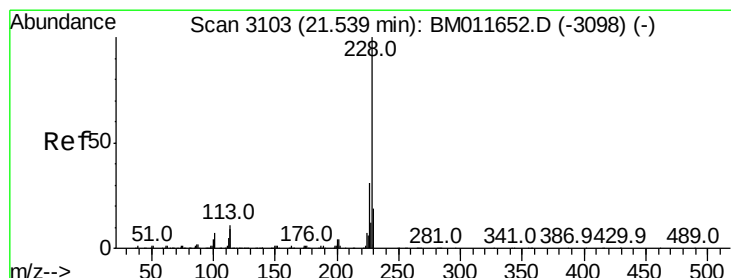
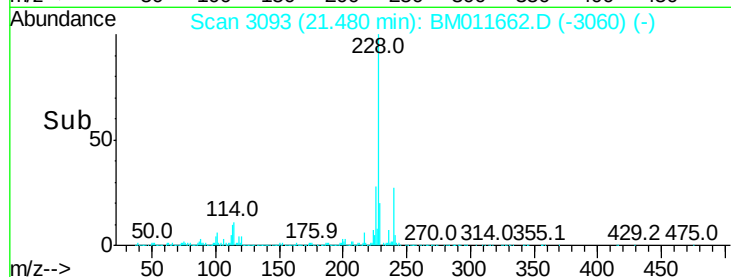
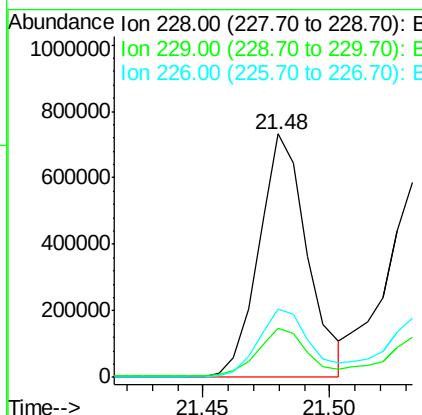
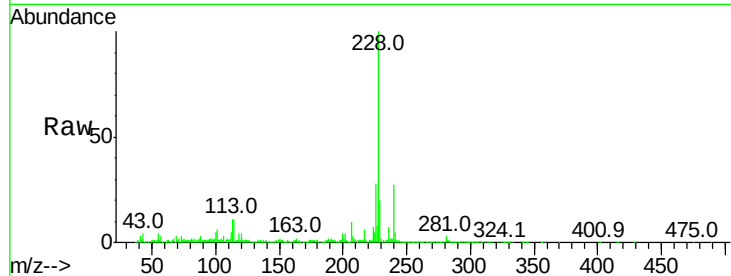
#83
Benzo(a)anthracene
Concen: 8.050 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Instrument :
BNA_M
ClientSampled :
CB3B1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	28.1	21.8	32.8

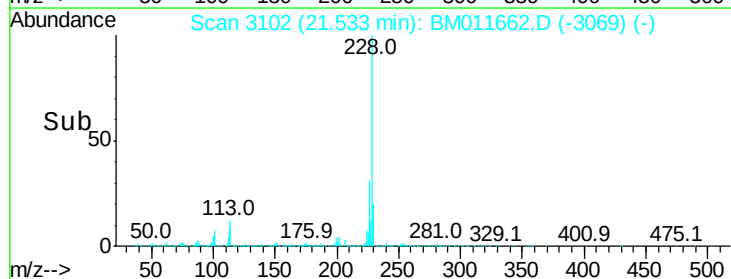
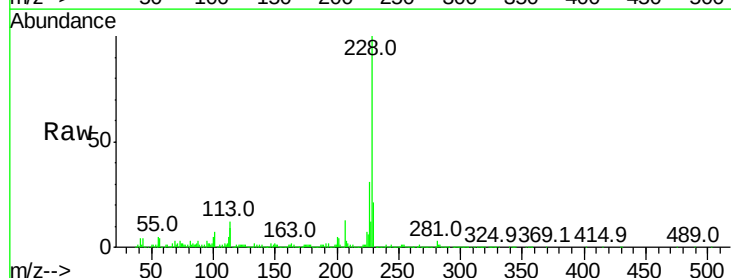
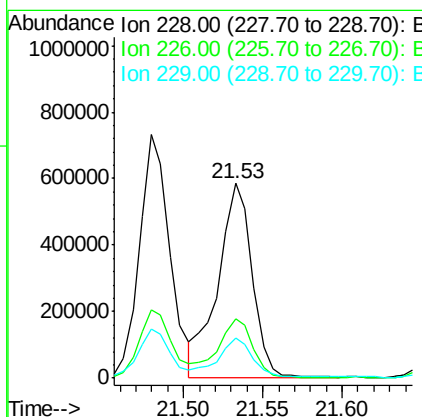
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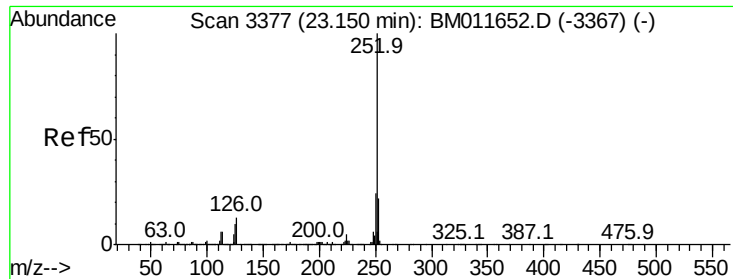
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#85
Chrysene
Concen: 7.984 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.8	16.0	24.0





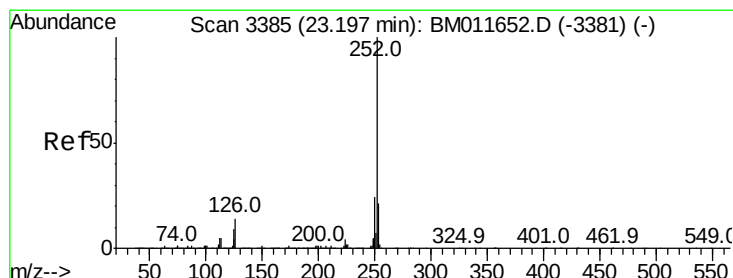
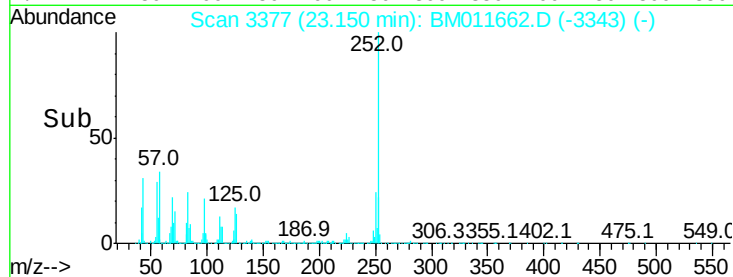
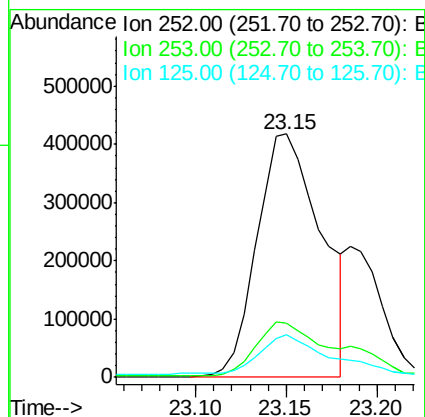
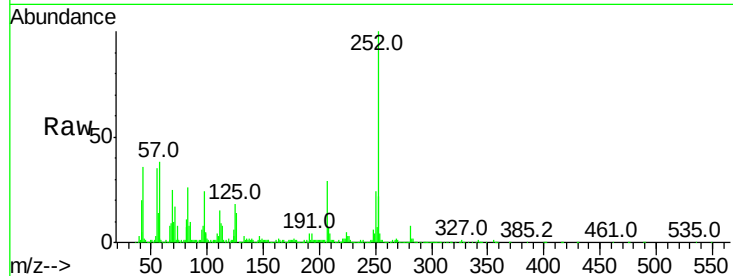
#88
Benzo(b)fluoranthene
Concen: 9.531 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Instrument :
BNA_M
ClientSampled :
CB3B1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	17.7	4.9	7.3

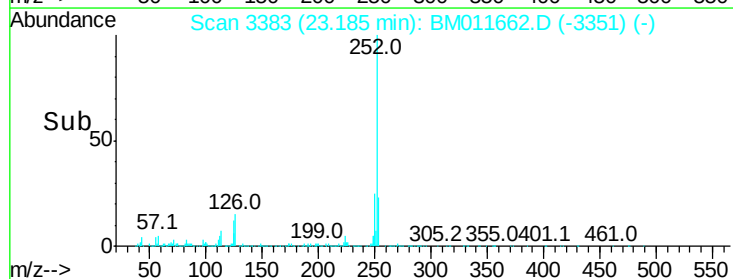
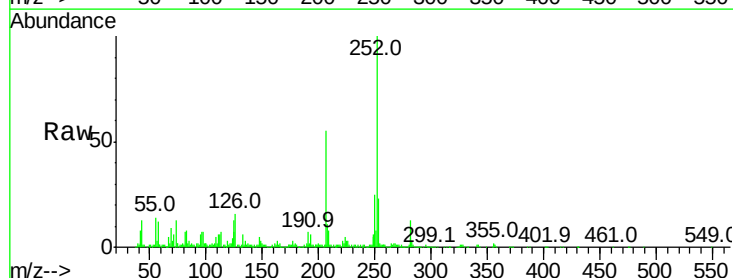
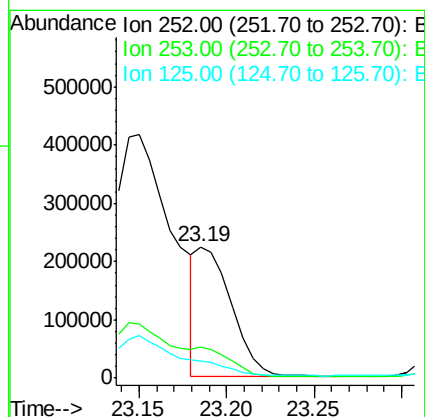
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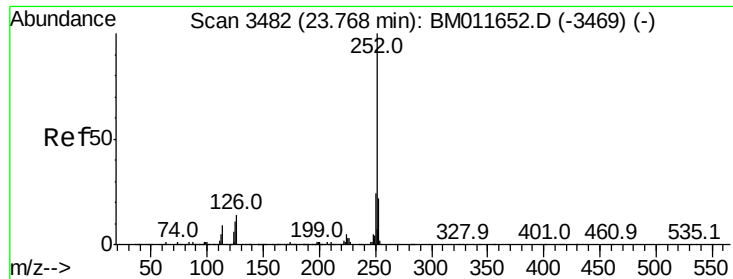
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#89
Benzo(k)fluoranthene
Concen: 2.964 ng/ul m
RT: 23.19 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	13.3	5.4	8.0





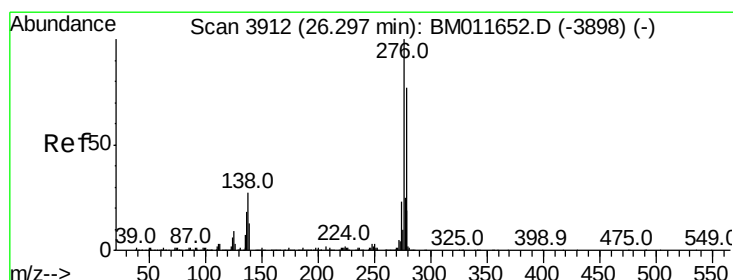
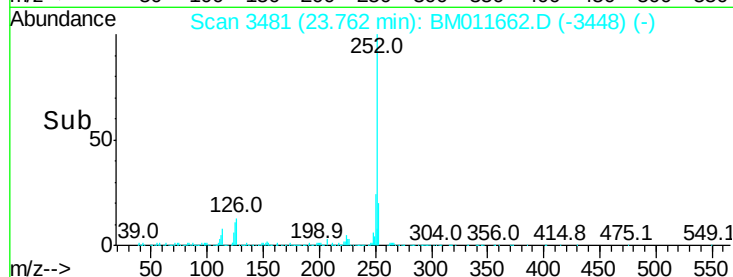
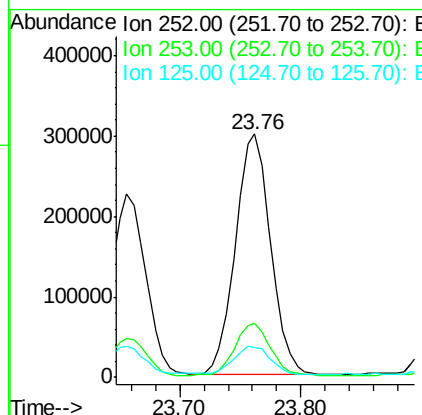
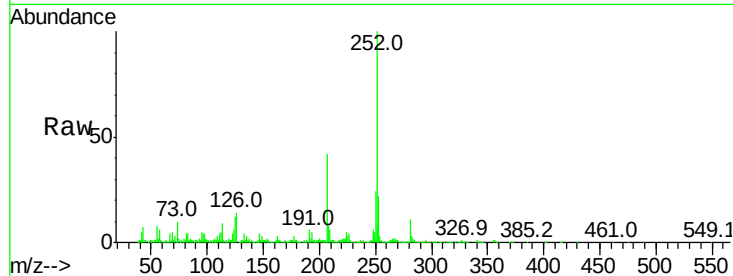
#91
Benzo(a)pyrene
Concen: 6.016 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Instrument :
BNA_M
ClientSampleId :
CB3B1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	5.8	8.6

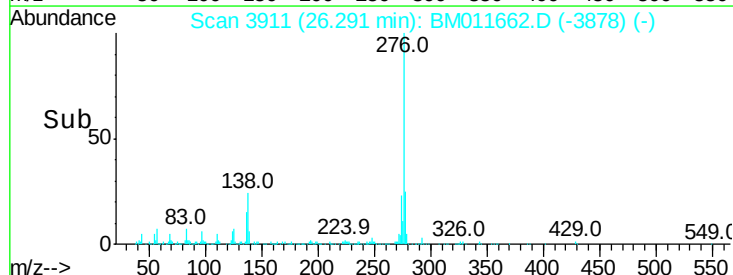
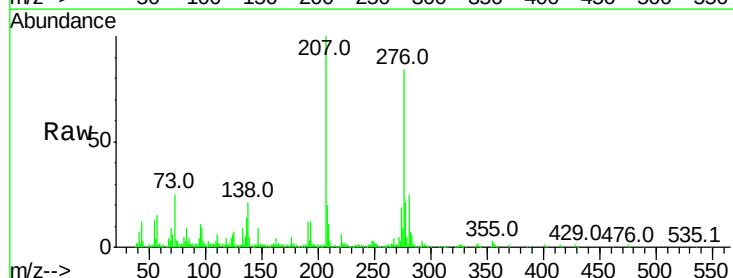
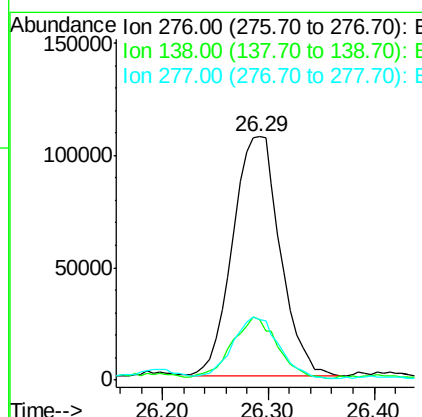
Manual Integrations
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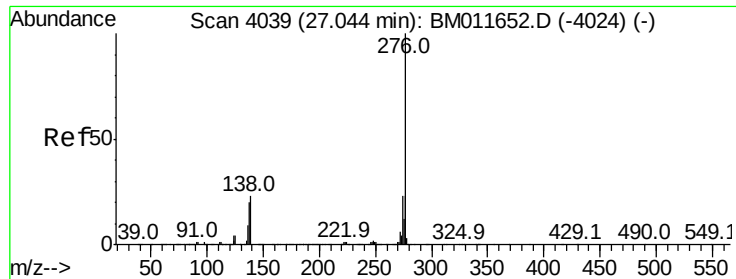
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.986 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM011662.D
Acq: 21 Sep 2017 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	10.9	16.3
277	25.0	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 3.422 ng/ul

RT: 27.03 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM011662.D

Acq: 21 Sep 2017 20:14

Instrument :

BNA_M

ClientSampleId :

CB3B1

Tot Ion:	276	Resp:	309104
Ion Ratio	Lower	Upper	
276	100		
138	22.3	11.2	16.8#
277	22.6	19.0	28.6

Manual Integrations
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