

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012846.D
 Acq On : 09 Nov 2017 10:18
 Operator : SJ/JU
 Sample : I6096-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-52(0-1)-102317

Manual Integrations
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Quant Time: Nov 09 13:20:16 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	128754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	521850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	292111	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	570649	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	566300	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	627985	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1540	0.65	ng/uL	0.00
5) Phenol-d5	6.99	99	40686	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	22475	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	34453	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	32737	3.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	18239	4.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	16180	3.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	36493	4.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	7240	0.83	ng/ul	-0.03
43) Dimethylphthalate-d6	13.85	166	109919	4.55	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	125006	4.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	11368	2.94	ng/ul	0.01
57) Fluorene-d10	15.43	176	89787	4.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	123335	4.47	ng/ul	0.00
78) Pyrene-d10	19.59	212	120167	4.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	132517	4.46	ng/ul	0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.64	128	76022	2.914	ng/ul	100
44) Dimethylphthalate	13.90	163	68559	2.858	ng/ul	97
69) Phenanthrene	17.23	178	126094	4.043	ng/ul	98
76) Fluoranthene	19.24	202	183992	4.909	ng/ul#	91
79) Pyrene	19.62	202	161816	4.789	ng/ul	96
82) Benzo(a)anthracene	21.36	228	109610	3.199	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.28	149	65952	3.674	ng/ul#	89
84) Chrysene	21.41	228	126003	4.057	ng/ul#	93
87) Benzo(b)fluoranthene	22.97	252	162581	4.236	ng/ul#	81
88) Benzo(k)fluoranthene	23.01	252	52216m	1.431	ng/ul	
90) Benzo(a)pyrene	23.56	252	107462	2.943	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.99	276	86959	1.976	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	80371	2.216	ng/ul#	85

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

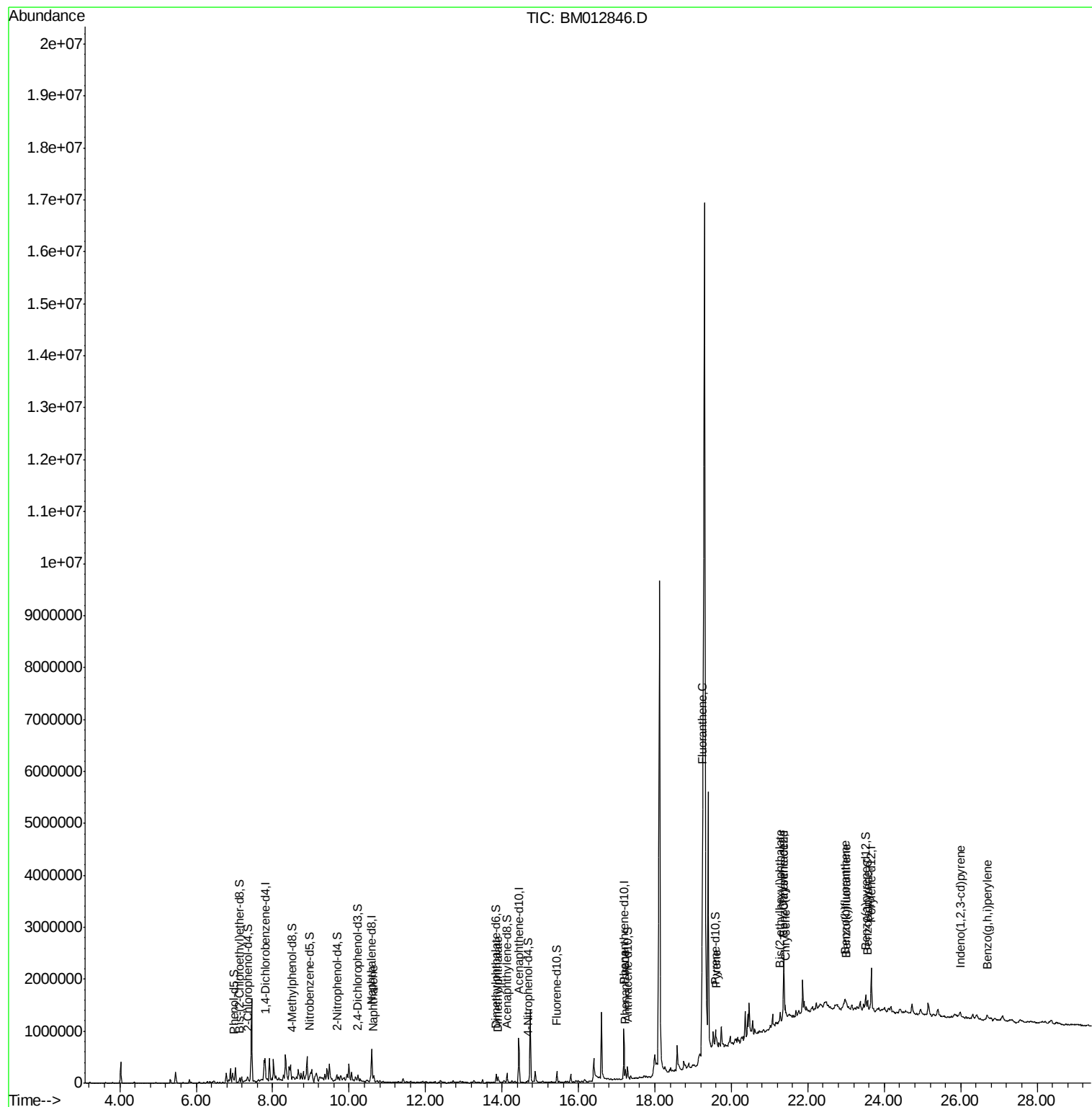
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012846.D
Acq On : 09 Nov 2017 10:18
Operator : SJ/JU
Sample : I6096-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

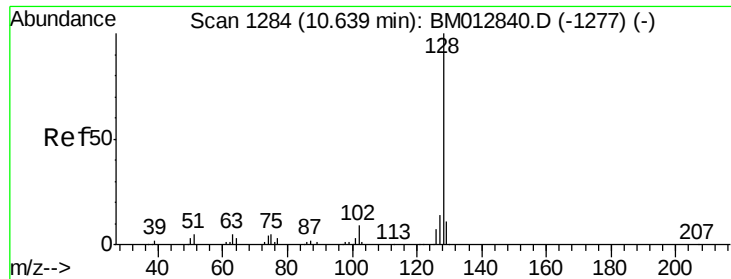
Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Quant Time: Nov 09 13:20:16 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

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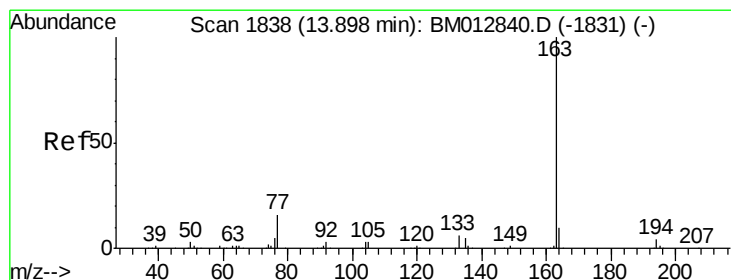
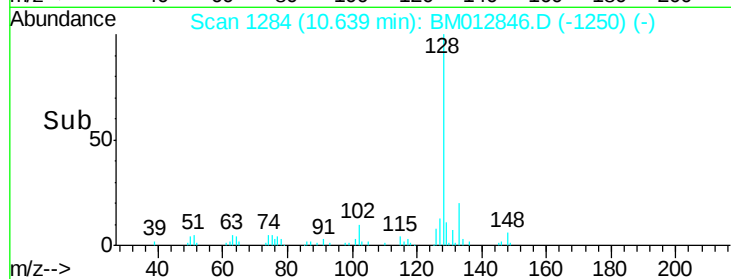
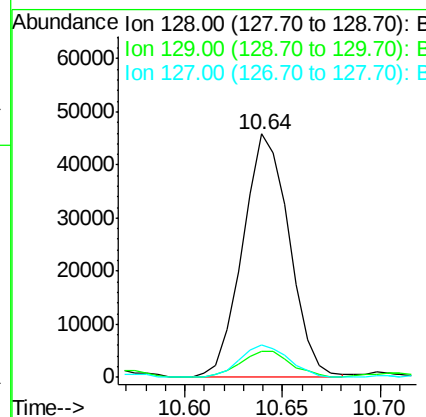
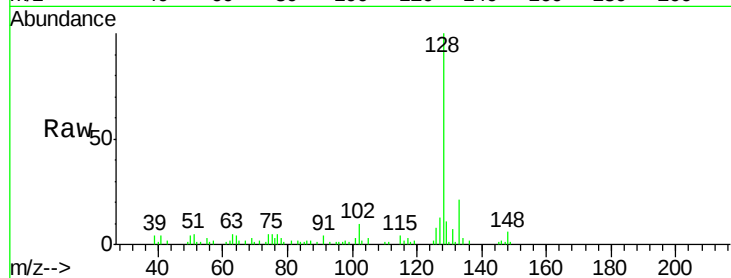
#28
Naphthalene
Concen: 2.914 ng/ul
RT: 10.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.5	15.7

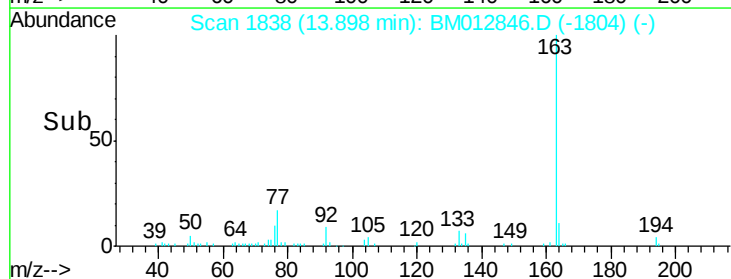
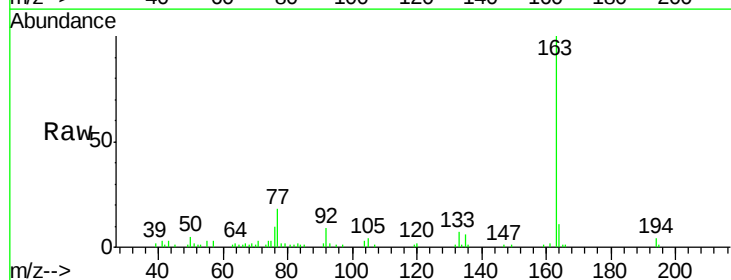
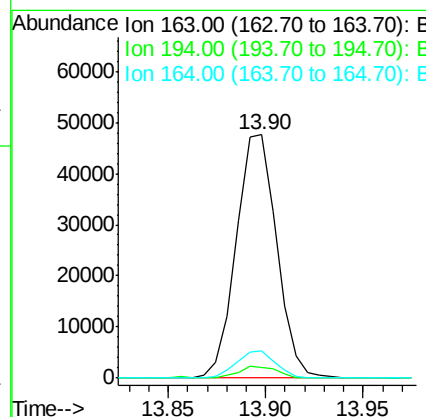
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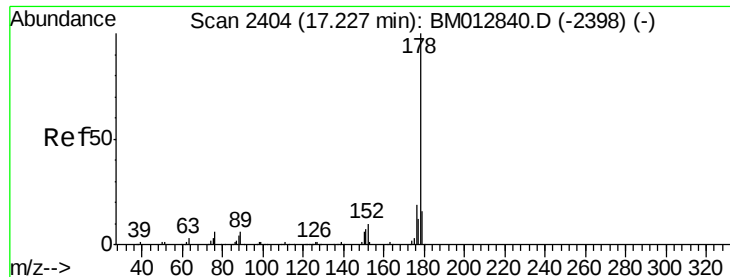
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#44
Dimethylphthalate
Concen: 2.858 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.2	7.8	11.8





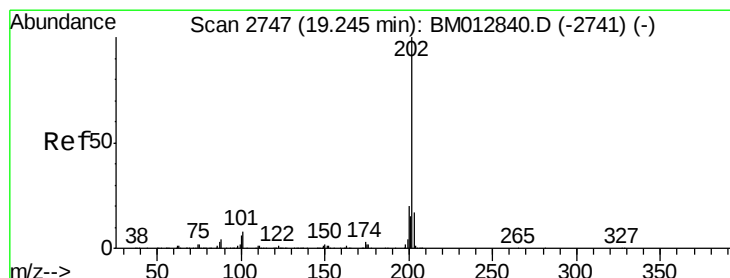
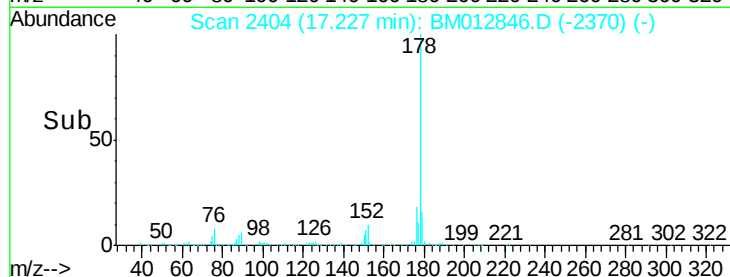
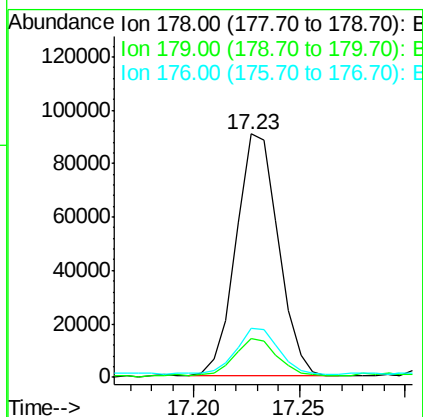
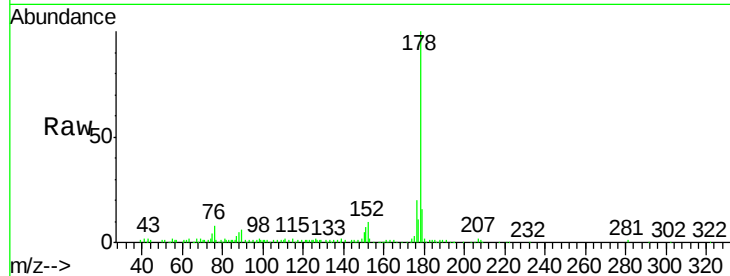
#69
Phenanthrene
Concen: 4.043 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Tgt Ion:	178	Resp:	126094
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	20.2	15.6	23.4

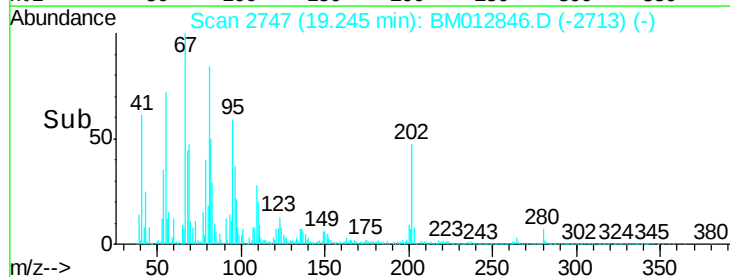
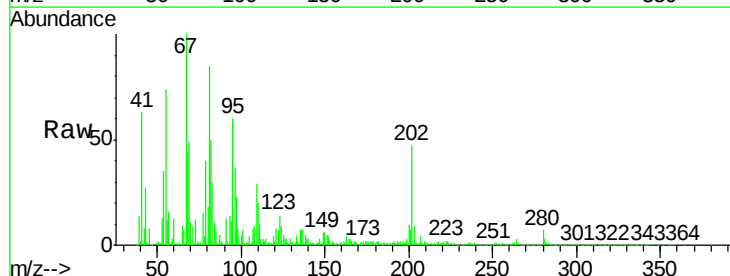
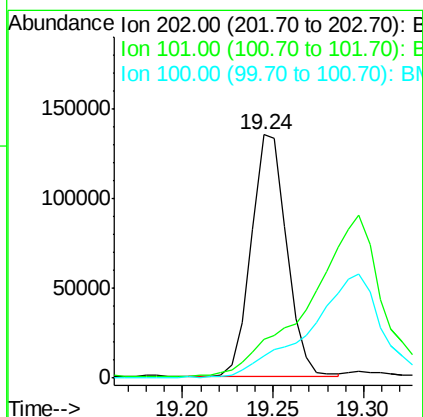
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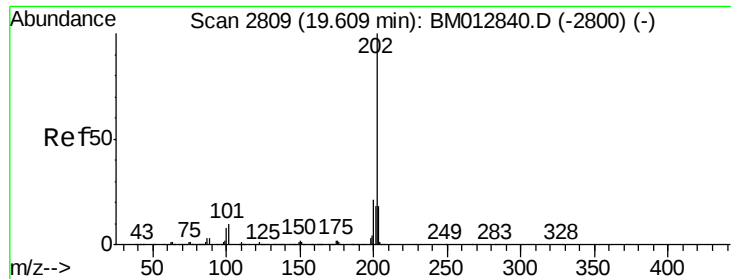
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#76
Fluoranthene
Concen: 4.909 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Tgt Ion:	202	Resp:	183992
Ion Ratio	Lower	Upper	
202	100		
101	15.8	8.8	13.2#
100	9.3	6.6	9.8





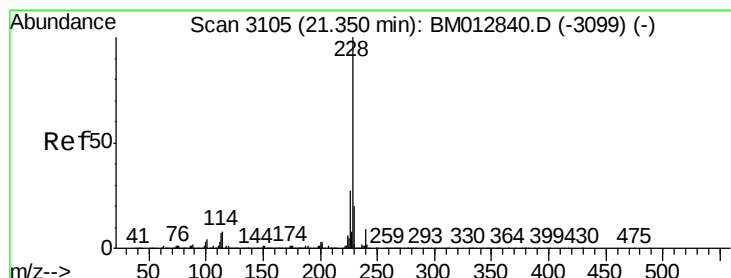
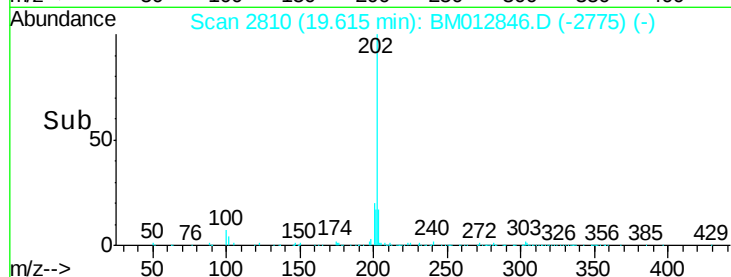
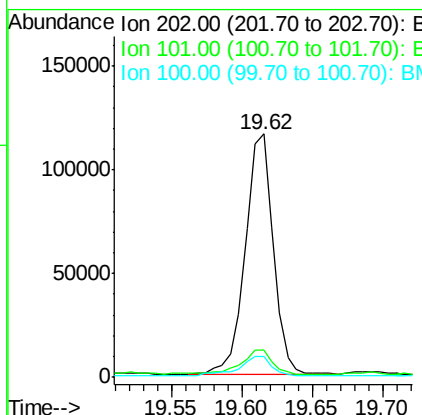
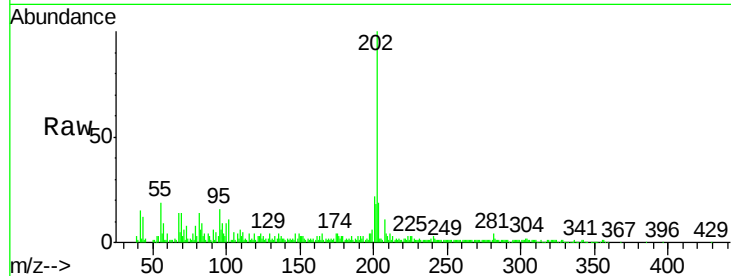
#79
 Pyrene
 Concen: 4.789 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012846.D
 Acq: 09 Nov 2017 10:18

Instrument :
 BNA_M
 ClientSampleId :
 B-52(0-1)-102317

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	10.2	15.2
100	8.8	8.5	12.7

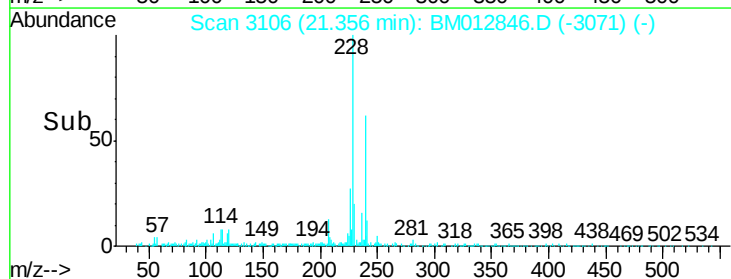
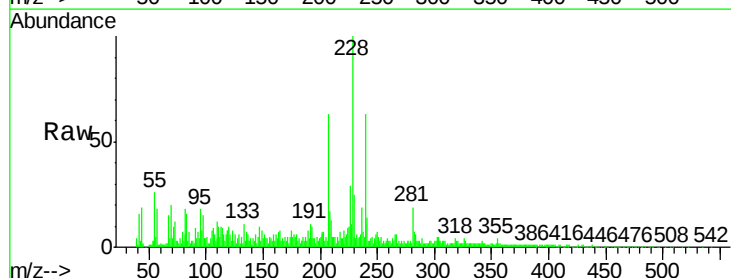
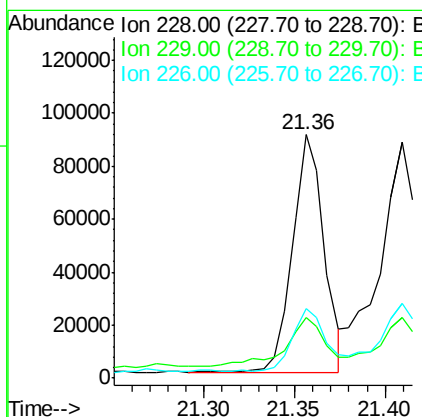
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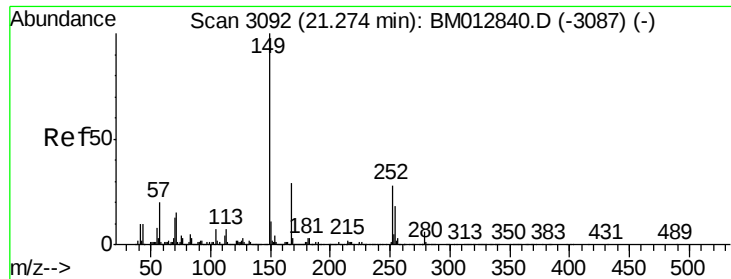
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#82
 Benzo(a)anthracene
 Concen: 3.199 ng/ul
 RT: 21.36 min Scan# 3106
 Delta R.T. 0.01 min
 Lab File: BM012846.D
 Acq: 09 Nov 2017 10:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.9	15.7	23.5#
226	28.8	21.8	32.6





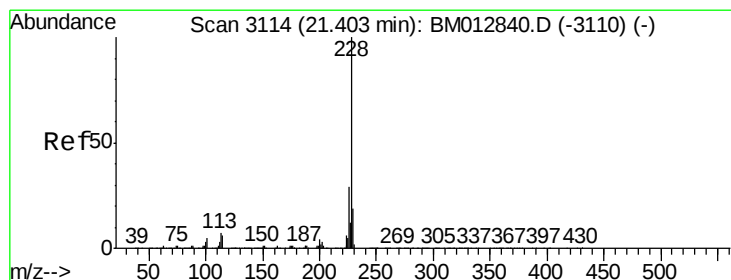
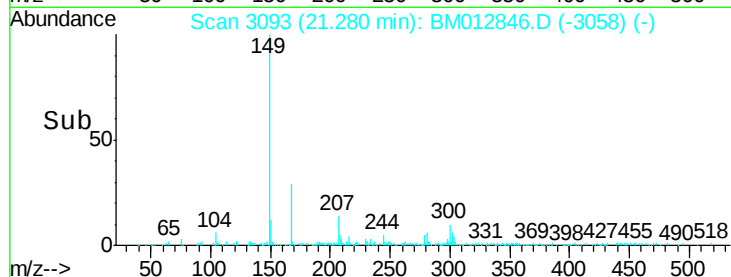
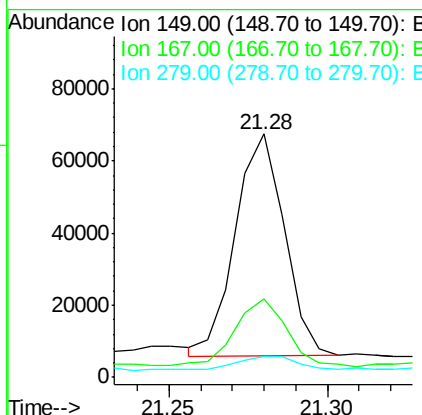
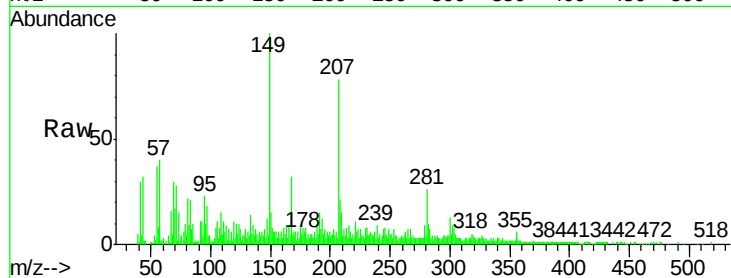
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.674 ng/ul
 RT: 21.28 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BM012846.D
 Acq: 09 Nov 2017 10:18

Instrument :
 BNA_M
 ClientSampleId :
 B-52(0-1)-102317

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.6	32.4
279	8.6	3.0	4.4

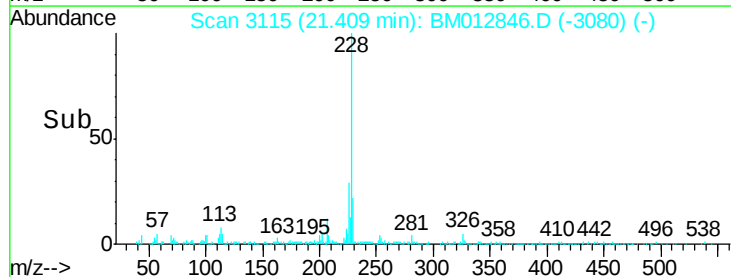
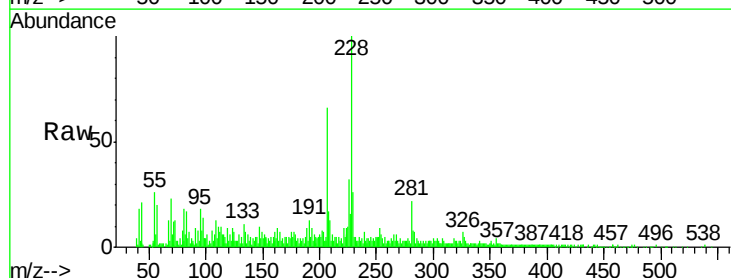
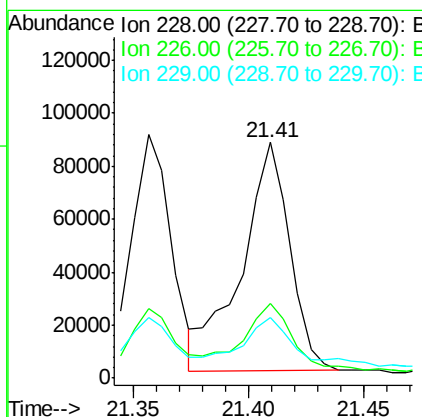
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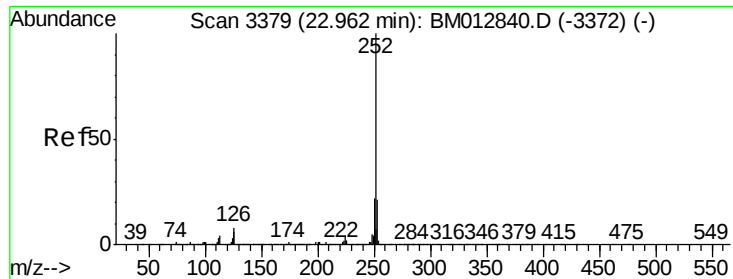
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#84
 Chrysene
 Concen: 4.057 ng/ul
 RT: 21.41 min Scan# 3115
 Delta R.T. 0.01 min
 Lab File: BM012846.D
 Acq: 09 Nov 2017 10:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	25.6	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 4.236 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

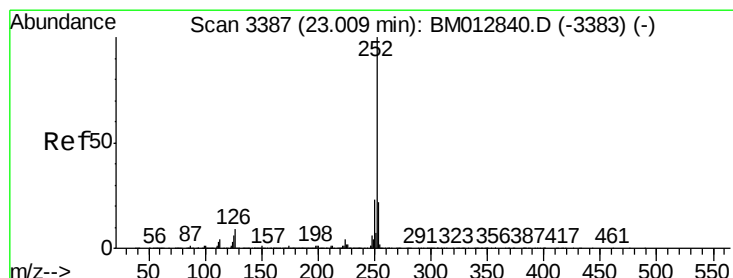
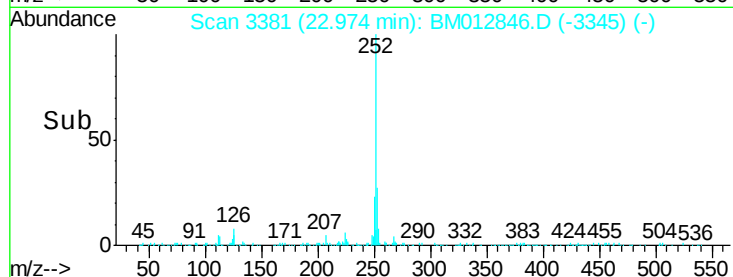
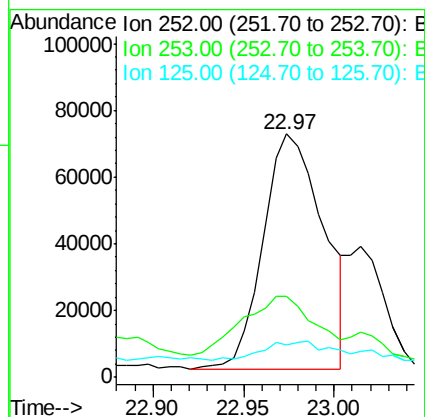
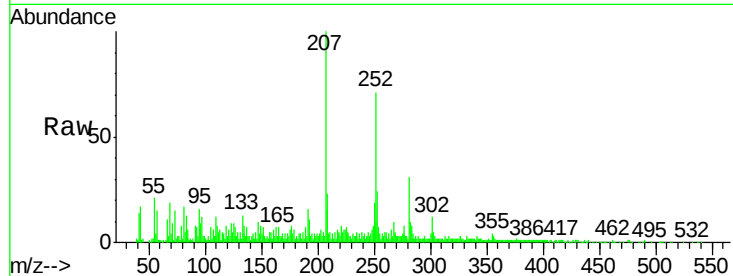
ClientSampleId :

B-52(0-1)-102317

Tgt Ion:	252	Resp:	162581
Ion Ratio	Lower	Upper	
252	100		
253	33.3	17.5	26.3#
125	13.4	8.5	12.7#

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#88

Benzo(k)fluoranthene

Concen: 1.431 ng/ul m

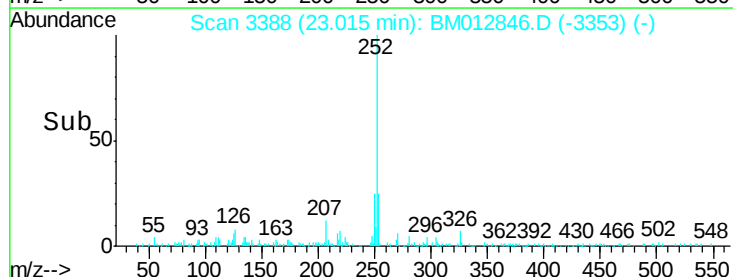
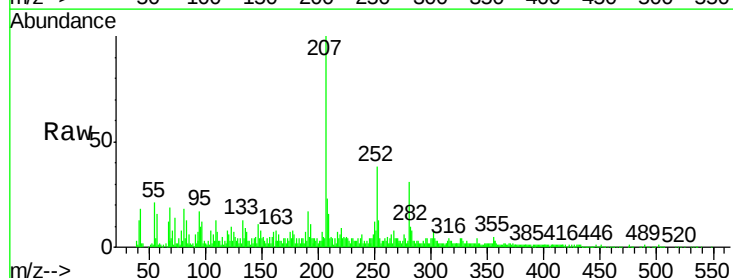
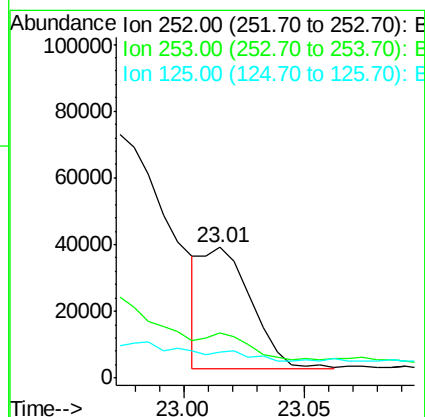
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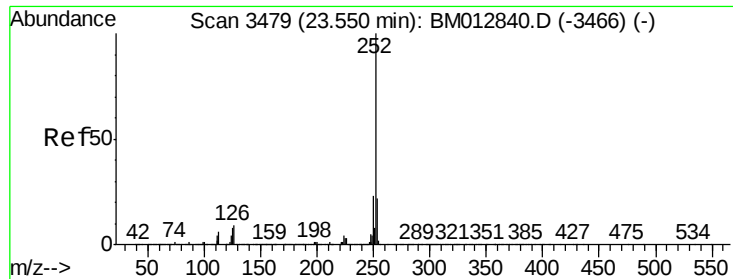
Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Tgt Ion:	252	Resp:	52216
Ion Ratio	Lower	Upper	
252	100		
253	34.8	17.3	25.9#
125	19.5	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 2.943 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

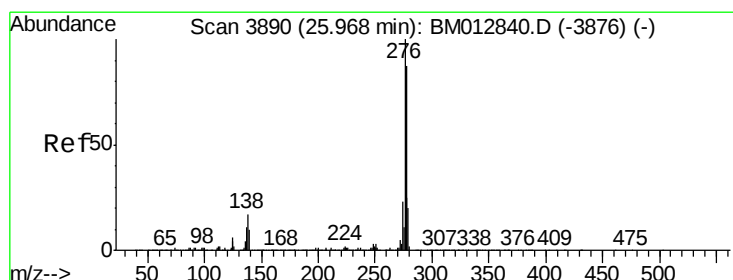
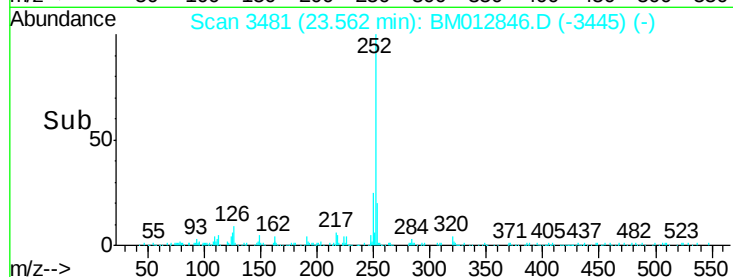
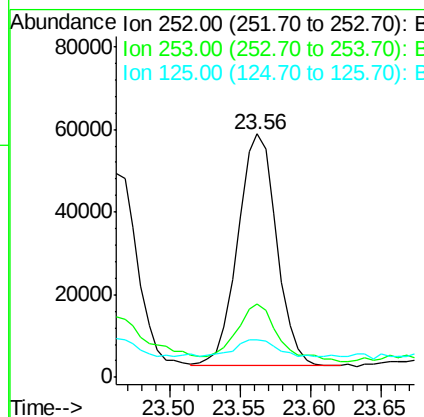
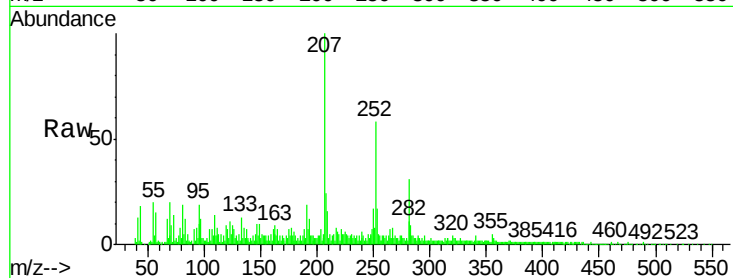
ClientSampleId :

B-52(0-1)-102317

Tgt Ion:	252	Resp:	107462
Ion Ratio		Lower	Upper
252	100		
253	29.9	17.2	25.8#
125	15.4	9.0	13.6#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.976 ng/ul

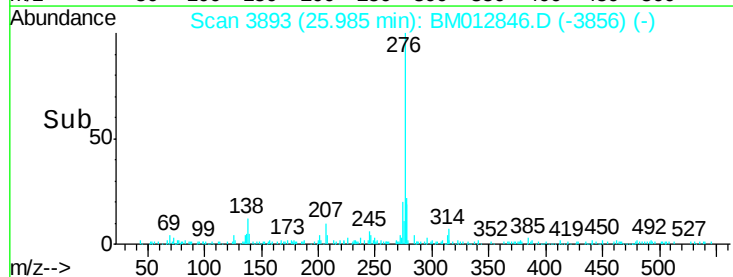
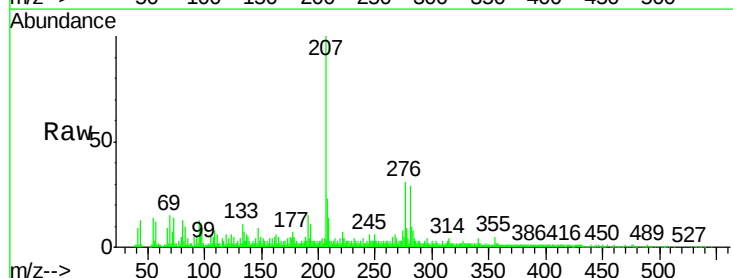
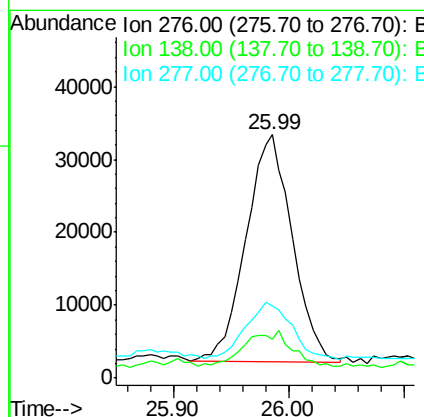
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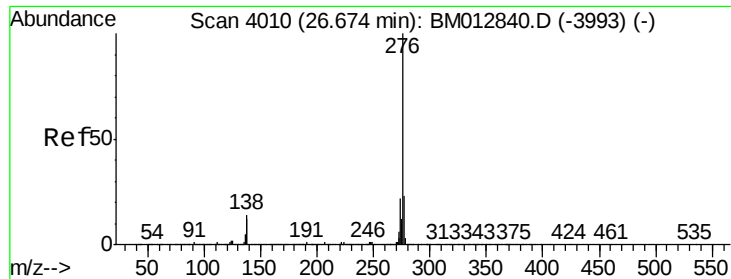
Delta R.T. 0.02 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Tgt Ion:	276	Resp:	86959
Ion Ratio		Lower	Upper
276	100		
138	16.0	22.3	33.5#
277	29.7	20.2	30.2





#93

Benzo(g,h,i)perylene

Concen: 2.216 ng/ul

RT: 26.70 min Scan# 4014

Delta R.T. 0.02 min

Lab File: BM012846.D

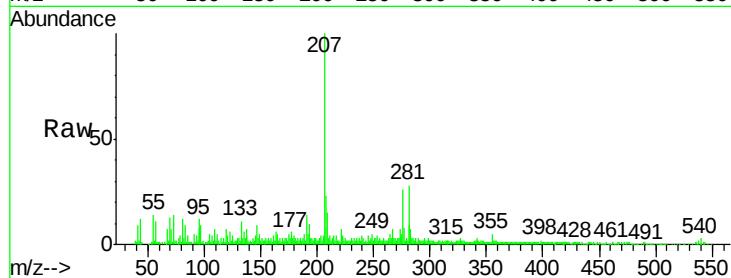
Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317



Tgt Ion: 276 Resp: 80371

Ion Ratio Lower Upper

276 100

138 17.1 18.9 28.3#

277 32.6 19.2 28.8#

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11/9/2017 3:49:13 PM

