

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013943.D
 Acq On : 29 Jan 2018 03:37
 Operator : SJ/JU
 Sample : J1233-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B12

Manual Integrations
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Quant Time: Feb 08 08:22:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	208414	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	879626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	518387	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1151472	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1085807	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	913908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	10615	2.01	ng/uL	0.00
5) Phenol-d5	6.76	99	283187	17.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	157692	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	234070	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	198768	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	116705	17.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	133764	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	261762	18.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	159887m	13.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	832852	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1068443	19.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	97122	13.99	ng/ul	0.00
57) Fluorene-d10	15.23	176	727975	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	108716	15.69	ng/ul	0.00
70) Anthracene-d10	17.09	188	1092029	19.47	ng/ul	0.00
76) Pyrene-d10	19.39	212	1222973	24.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	861981m	20.52	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.79	94	29800	1.857	ng/ul#	78
44) Dimethylphthalate	13.70	163	248474	5.915	ng/ul	99
68) Pentachlorophenol	16.64	266	526639	67.698	ng/ul	96
71) Anthracene	17.12	178	125779	1.905	ng/ul#	94
74) Fluoranthene	19.05	202	1295655	16.958	ng/ul#	95
77) Pyrene	19.42	202	1384263	20.971	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	198918	3.032	ng/ul#	91
82) Chrysene	21.23	228	460811m	7.656	ng/ul	
85) Benzo(b)fluoranthene	22.73	252	846254	15.078	ng/ul#	98
86) Benzo(k)fluoranthene	22.77	252	261032m	4.812	ng/ul	
88) Benzo(a)pyrene	23.29	252	148584	2.802	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.56	276	199173m	3.182	ng/ul	
91) Benzo(g,h,i)perylene	26.23	276	206717	4.013	ng/ul#	97

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

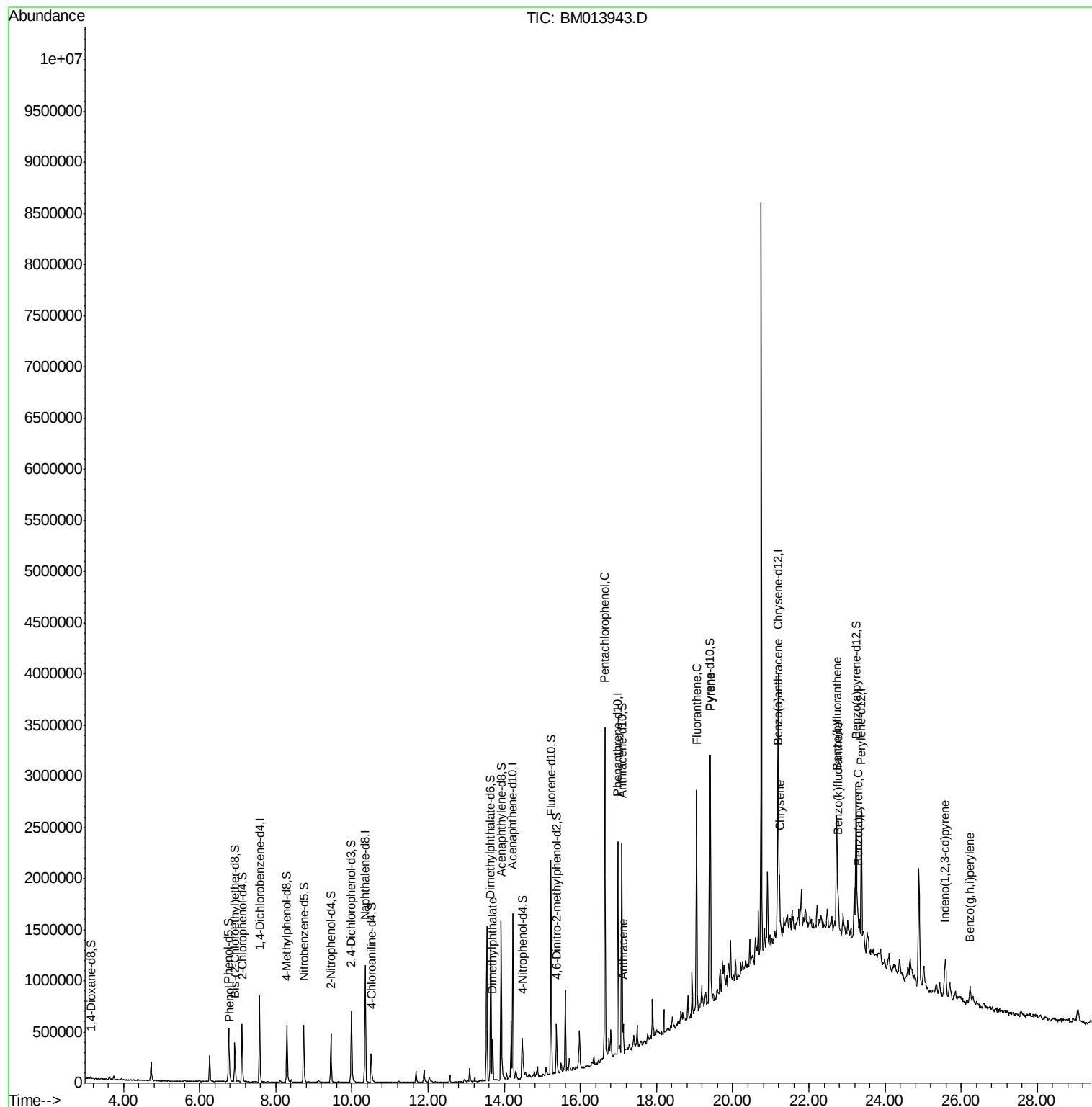
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013943.D
Acq On : 29 Jan 2018 03:37
Operator : SJ/JU
Sample : J1233-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

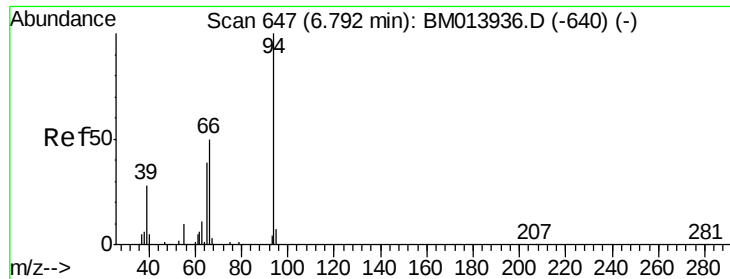
Instrument :
BNA_M
ClientSampleId :
F6B12

Quant Time: Feb 08 08:22:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

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#6

Phenol

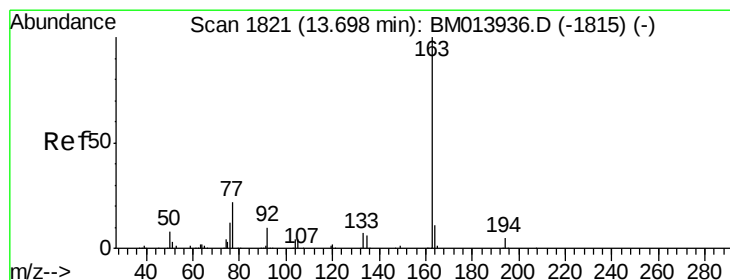
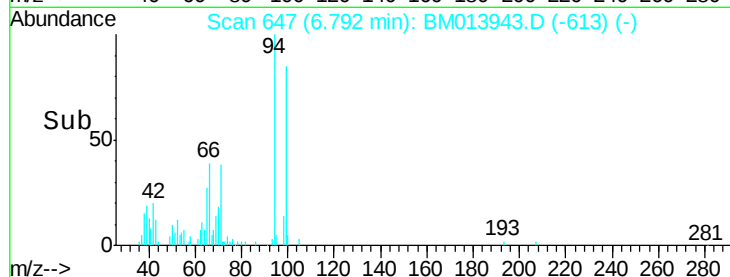
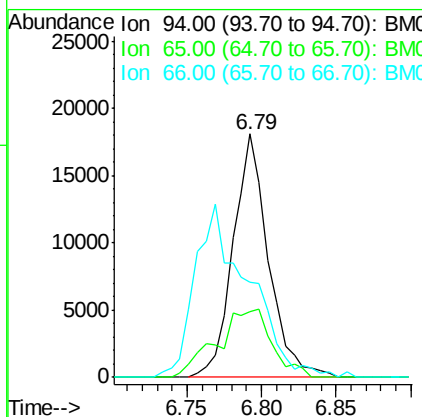
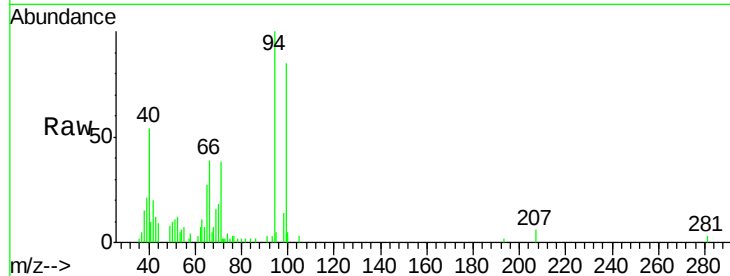
Concen: 1.857 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BM013943.D
 Acq: 29 Jan 2018 03:37

Instrument :
 BNA_M
 ClientSampled :
 F6B12

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.2	28.2	42.4#
66	39.0	47.2	70.8#

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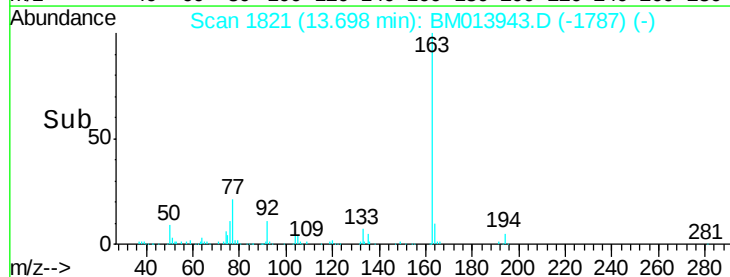
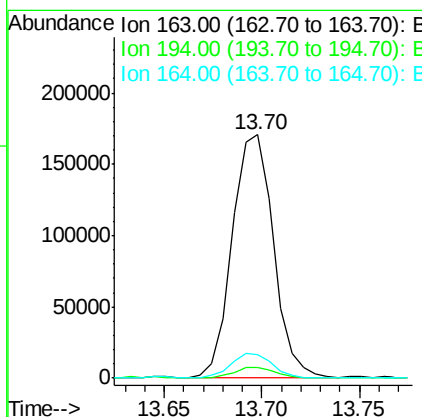
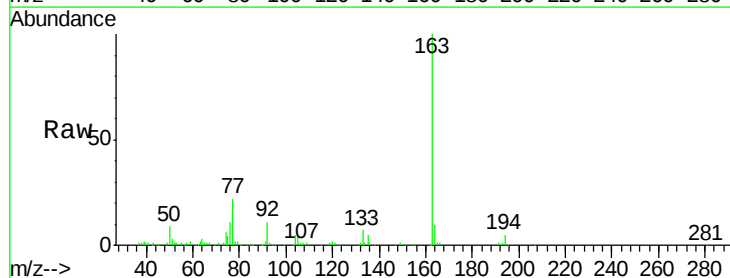


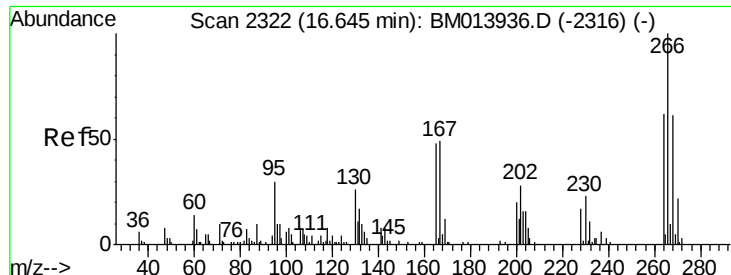
#44

Dimethylphthalate

Concen: 5.915 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BM013943.D
 Acq: 29 Jan 2018 03:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.7	8.2	12.4





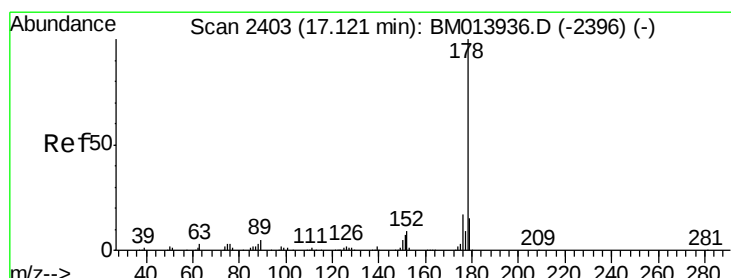
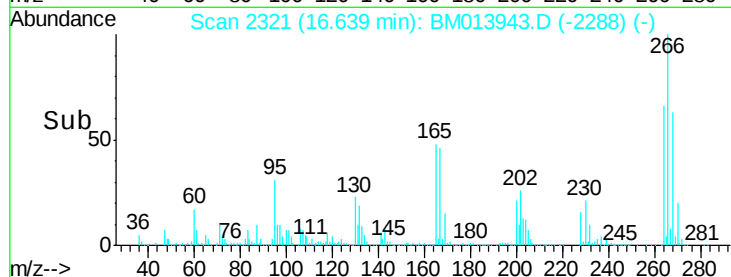
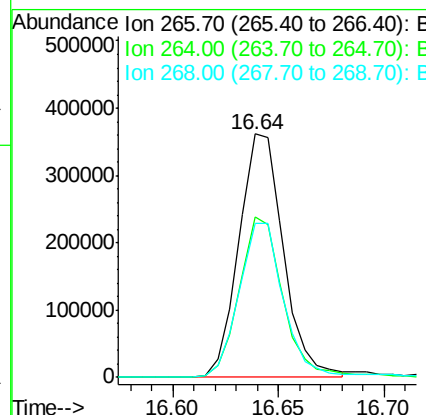
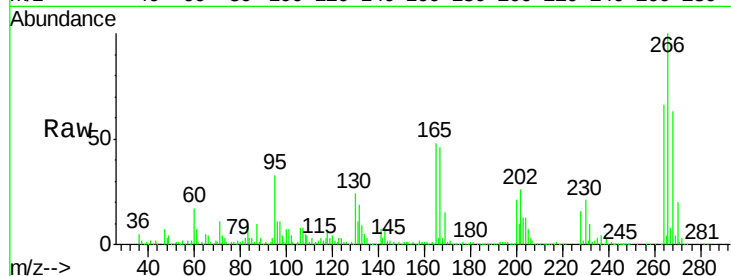
#68
 Pentachlorophenol
 Concen: 67.698 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM013943.D
 Acq: 29 Jan 2018 03:37

Instrument :
 BNA_M
 ClientSampled :
 F6B12

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.3	73.9
268	63.4	52.6	78.8

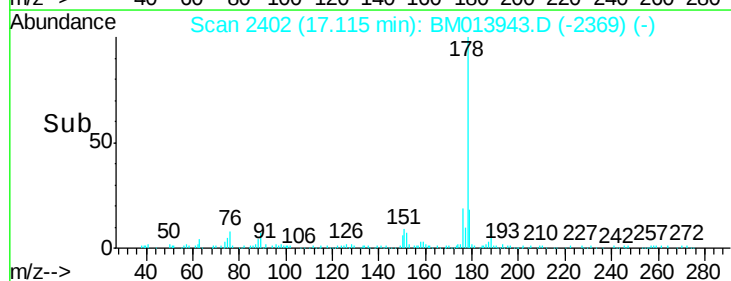
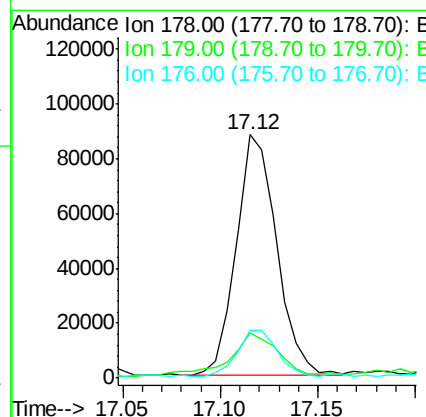
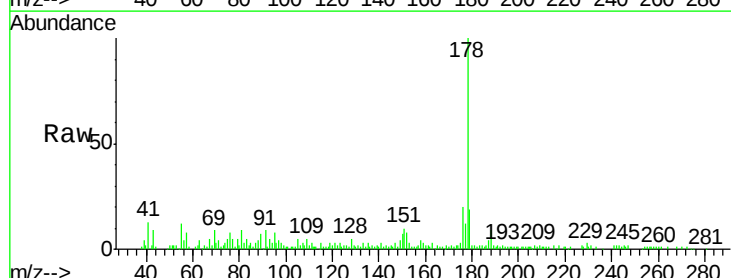
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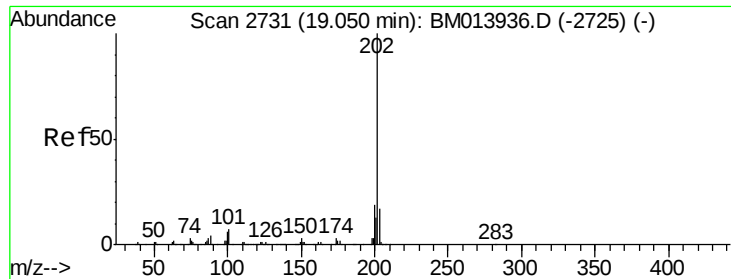
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#71
 Anthracene
 Concen: 1.905 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BM013943.D
 Acq: 29 Jan 2018 03:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.7	17.5#
176	19.5	14.6	21.8





#74

Fluoranthene

Concen: 16.958 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Instrument :

BNA_M

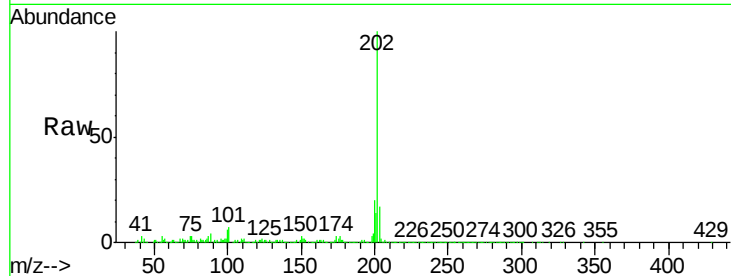
ClientSampleId :

F6B12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1295655		
101	7.0	4.6	7.0		
100	6.3	3.4	5.2#		

Manual Integrations
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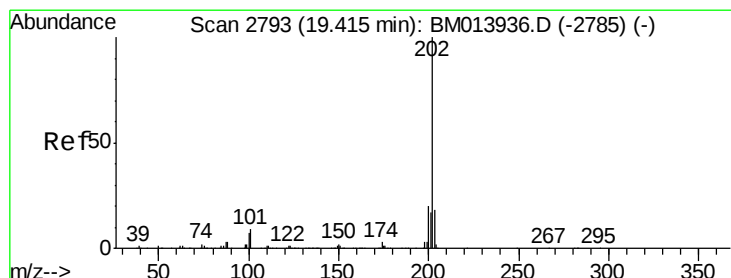
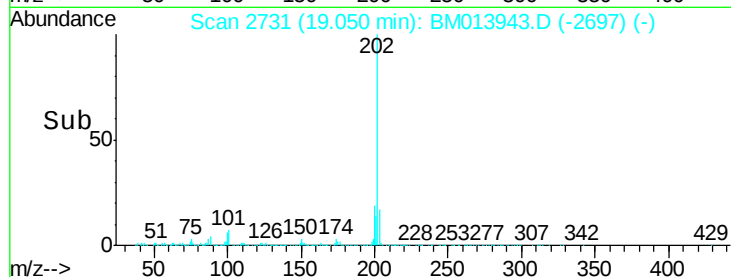
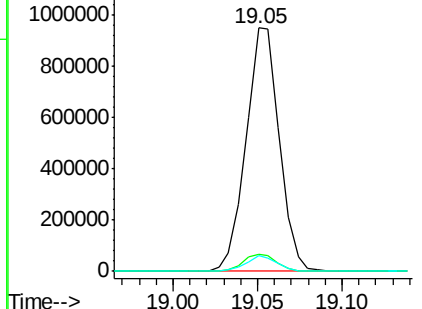
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.971 ng/ul

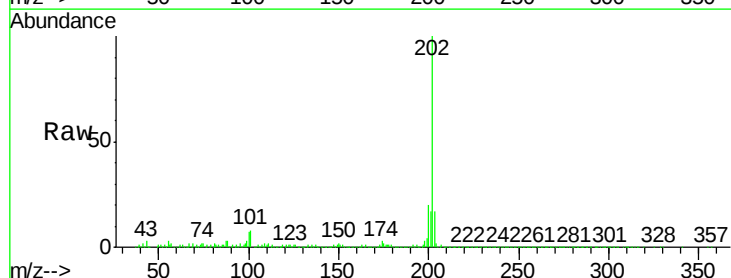
RT: 19.42 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

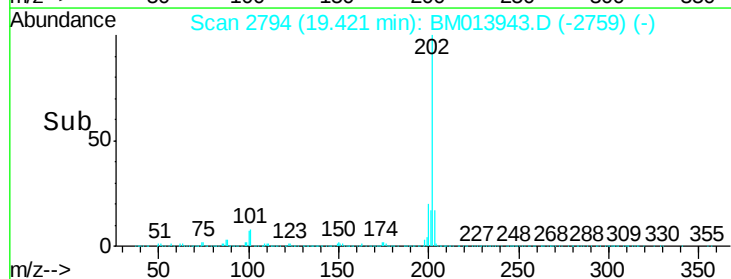
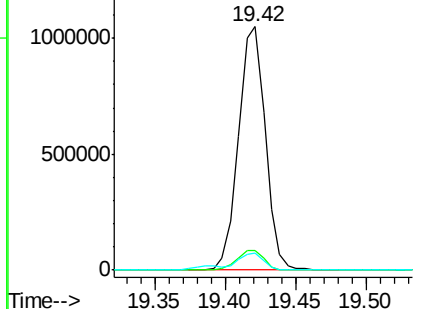
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1384263		
101	8.3	5.1	7.7#		
100	6.8	4.9	7.3		

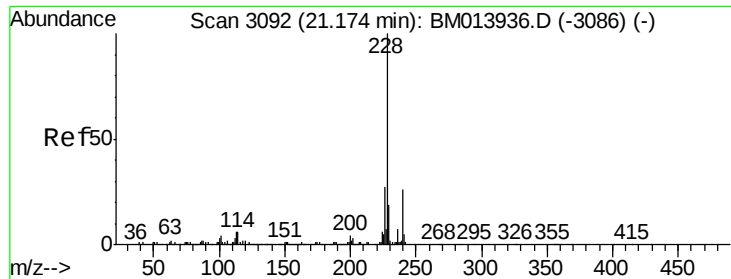


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





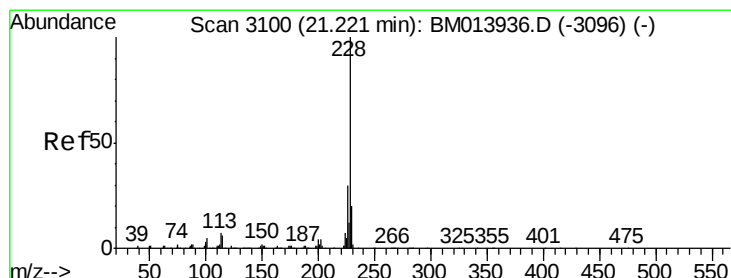
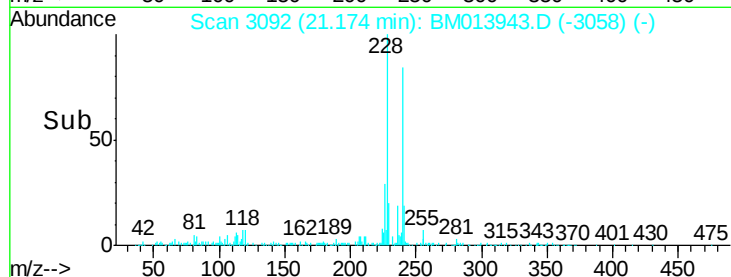
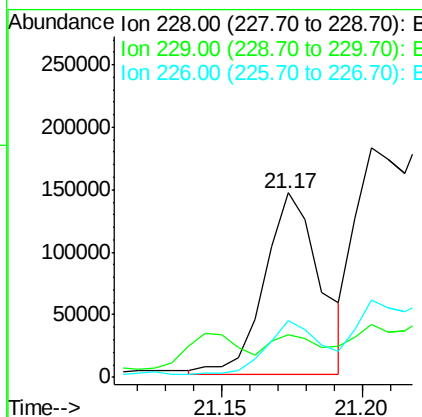
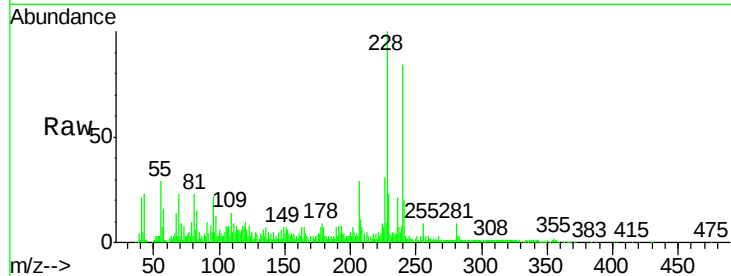
#80
Benzo(a)anthracene
Concen: 3.032 ng/u1
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013943.D
Acq: 29 Jan 2018 03:37

Instrument :
BNA_M
ClientSampled :
F6B12

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.4	23.0#
226	30.9	21.4	32.0

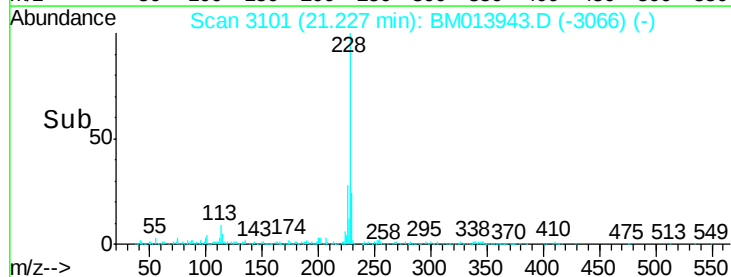
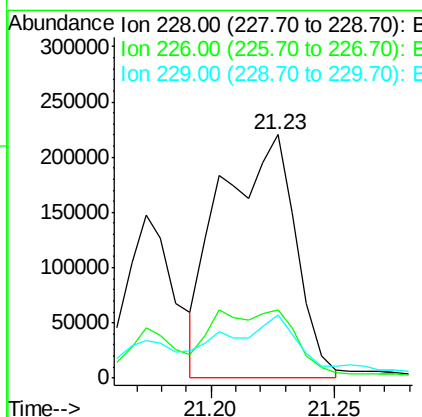
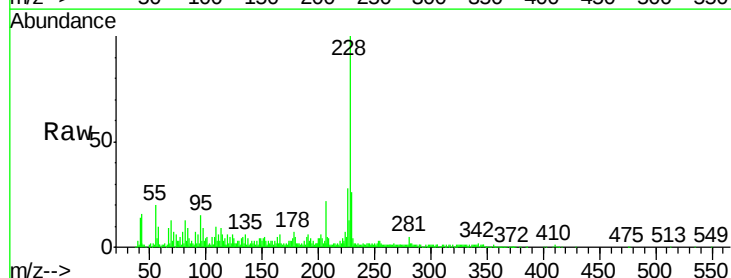
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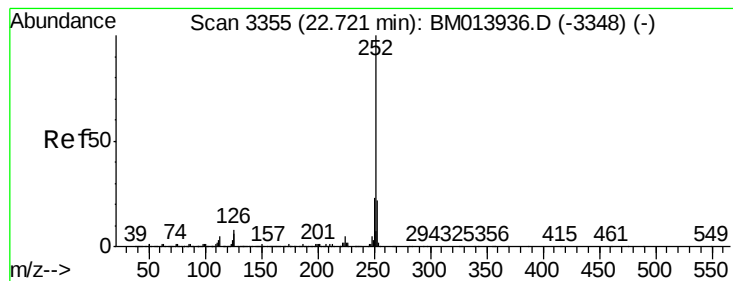
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#82
Chrysene
Concen: 7.656 ng/u1 m
RT: 21.23 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM013943.D
Acq: 29 Jan 2018 03:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	26.0	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 15.078 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Instrument :

BNA_M

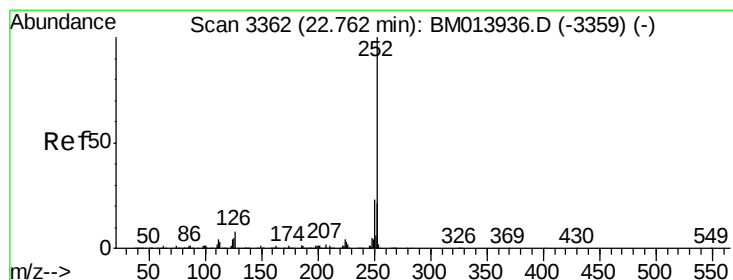
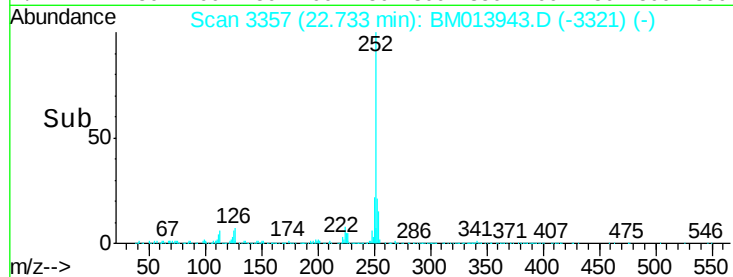
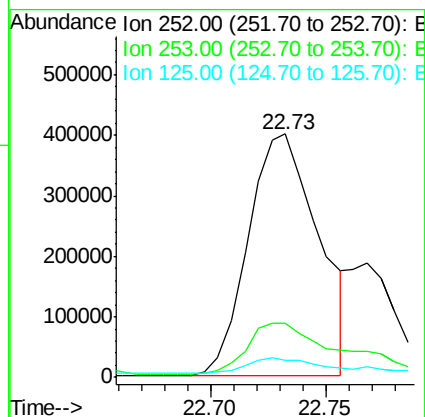
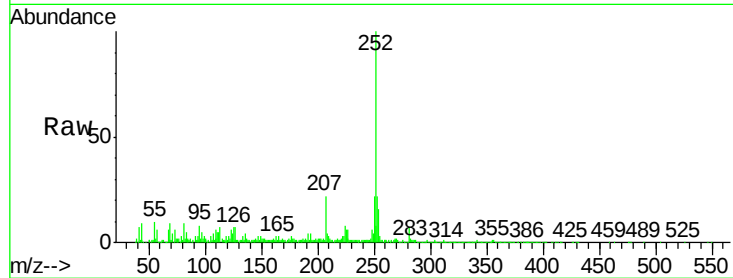
ClientSampled :

F6B12

Tot Ion:	252	Resp:	846254
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	7.2	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 4.812 ng/ul m

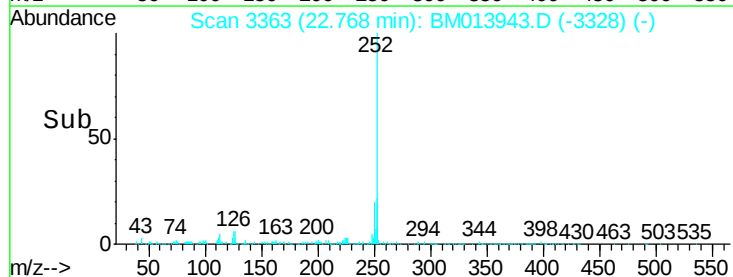
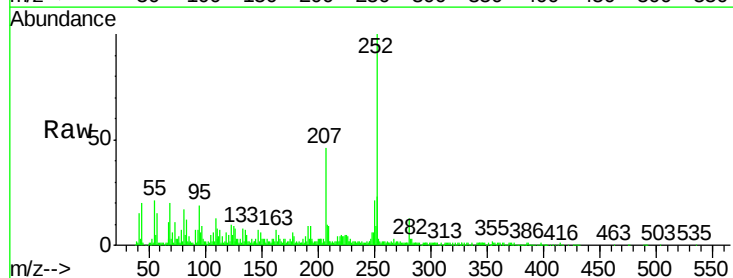
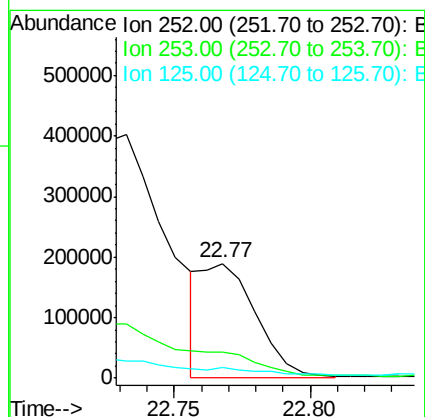
RT: 22.77 min Scan# 3363

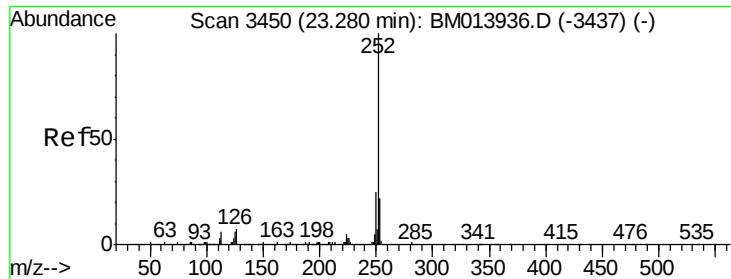
Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Tgt Ion:	252	Resp:	261032
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	9.2	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.802 ng/ul

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Instrument :

BNA_M

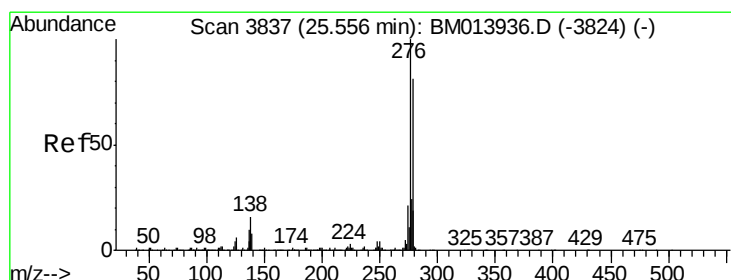
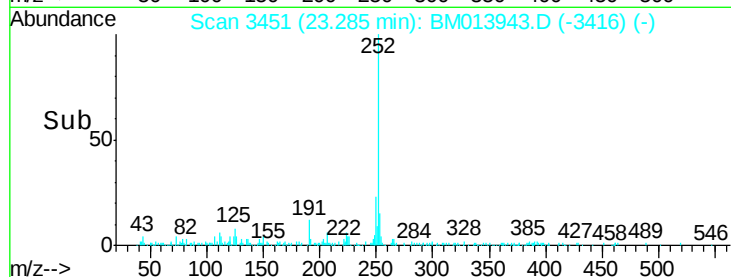
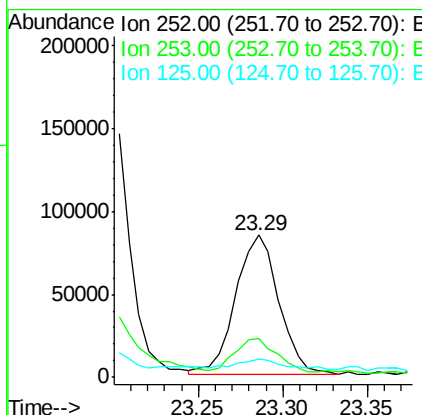
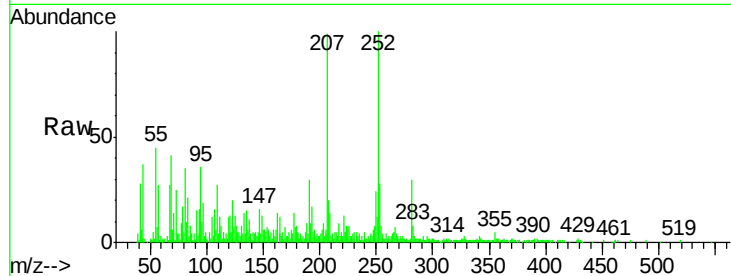
ClientSampleId :

F6B12

Tot Ion:	252	Resp:	148584
Ion Ratio	Lower	Upper	
252	100		
253	27.6	18.2	27.2#
125	13.2	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.182 ng/ul m

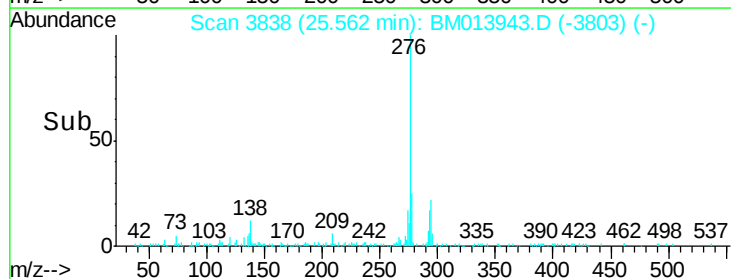
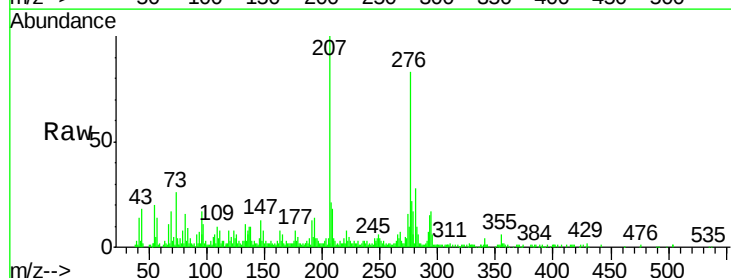
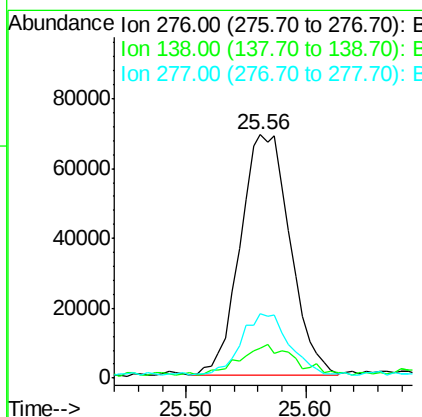
RT: 25.56 min Scan# 3838

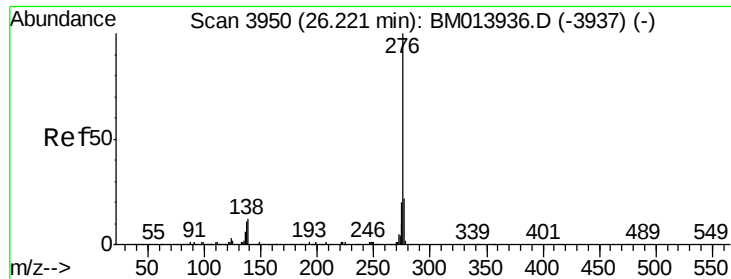
Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Tgt Ion:	276	Resp:	199173
Ion Ratio	Lower	Upper	
276	100		
138	12.5	9.3	13.9
277	26.3	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 4.013 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. 0.01 min

Lab File: BM013943.D

Acq: 29 Jan 2018 03:37

Instrument :

BNA_M

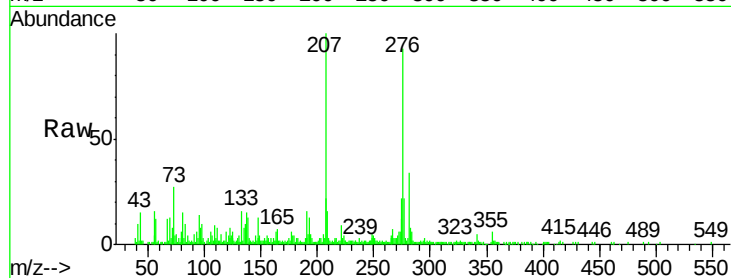
ClientSampleId :

F6B12

Tot Ion:	276	Resp:	206717
Ion Ratio	Lower	Upper	
276	100		
138	14.1	8.5	12.7#
277	23.5	18.6	28.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

