

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
 Data File : BM011963.D
 Acq On : 07 Oct 2017 05:06
 Operator : SJ/JU
 Sample : I5462-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BT0

Manual Integrations
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 10/9/2017 6:39:10 PM

Quant Time: Oct 07 07:11:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 05:58:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	301607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1184929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	661724	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1472628	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1618205	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1767471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	13415	2.10	ng/uL	0.00
5) Phenol-d5	7.02	99	227817	8.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	161213	10.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	217579	10.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	177859	7.93	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	103438	12.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	101339	10.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	200008	10.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	166174	7.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	662693	11.56	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	833119	12.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	25533	2.55	ng/ul	0.01
57) Fluorene-d10	15.49	176	582496	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	39211	3.96	ng/ul	0.00
70) Anthracene-d10	17.34	188	869553	11.98	ng/ul	0.00
76) Pyrene-d10	19.63	212	991026	13.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1020388	12.00	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.95	163	235758	4.27	ng/ul	99
69) Phenanthrene	17.29	178	281624	3.48	ng/ul	99
74) Fluoranthene	19.30	202	725629	7.34	ng/ul#	90
77) Pyrene	19.66	202	661297	7.37	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	475584	5.13	ng/ul	99
82) Chrysene	21.46	228	480815	5.46	ng/ul	98
85) Benzo(b)fluoranthene	23.04	252	777472	7.24	ng/ul#	97
86) Benzo(k)fluoranthene	23.08	252	258336m	2.41	ng/ul	
88) Benzo(a)pyrene	23.64	252	523275	5.07	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	429966	3.89	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.11	278	103912	1.14	ng/ul#	89
91) Benzo(g,h,i)perylene	26.84	276	397475	4.35	ng/ul#	94

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

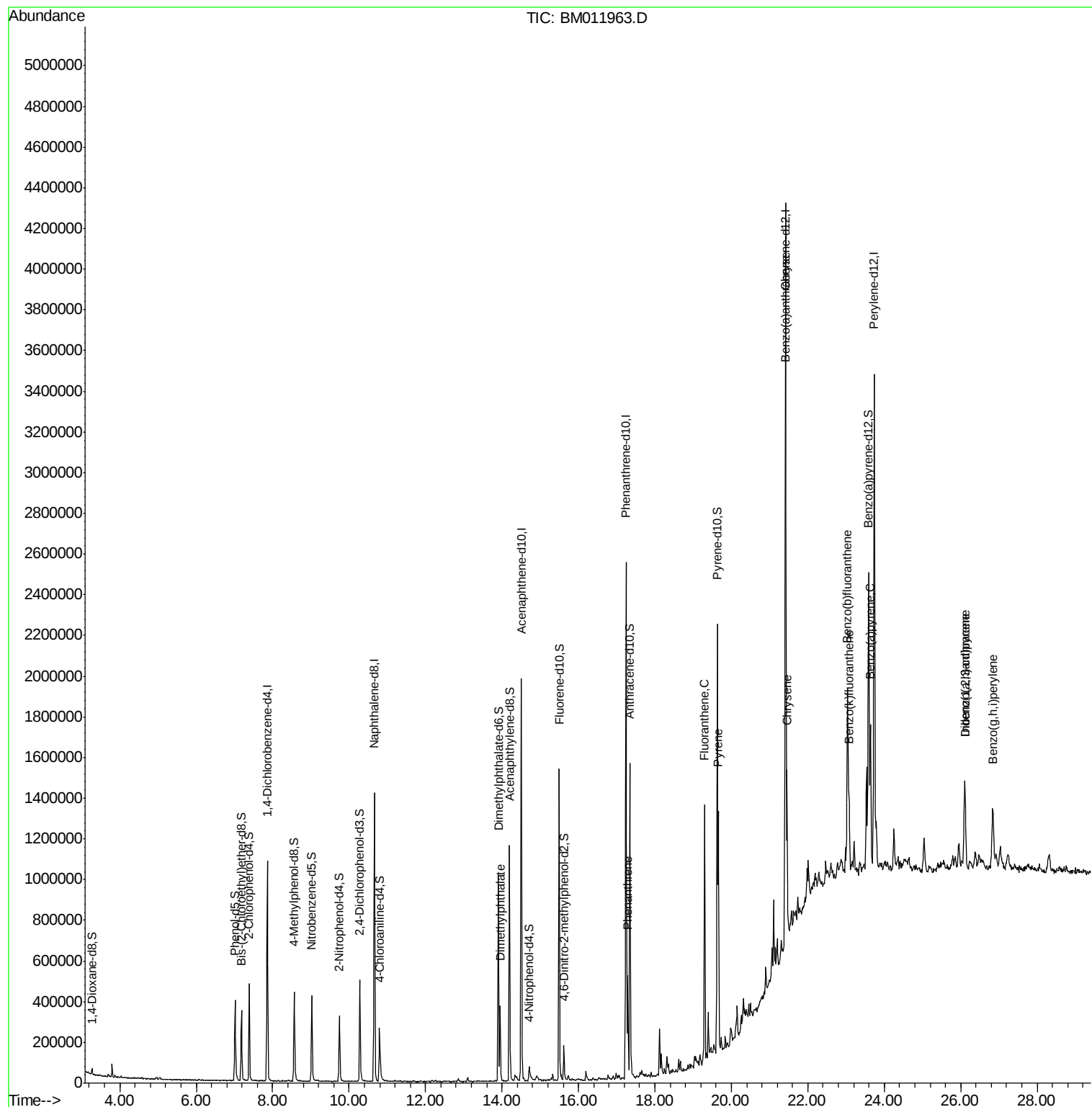
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011963.D
Acq On : 07 Oct 2017 05:06
Operator : SJ/JU
Sample : I5462-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

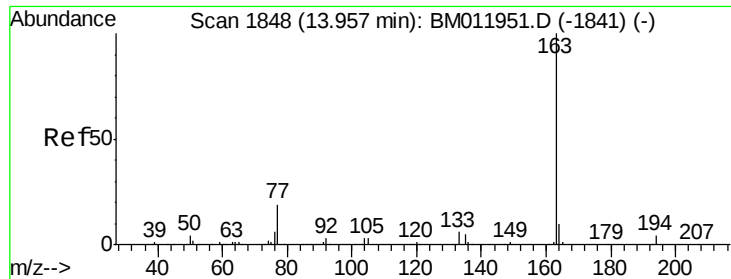
Instrument :
BNA_M
ClientSampled :
B0BT0

Quant Time: Oct 07 07:11:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
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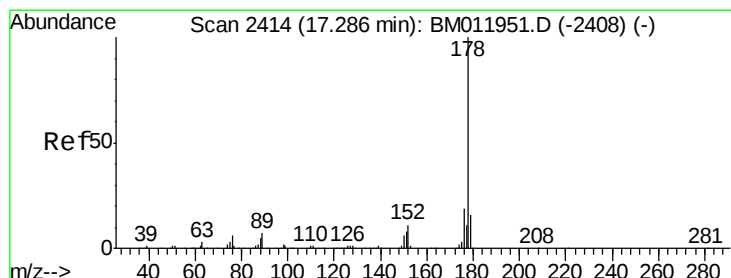
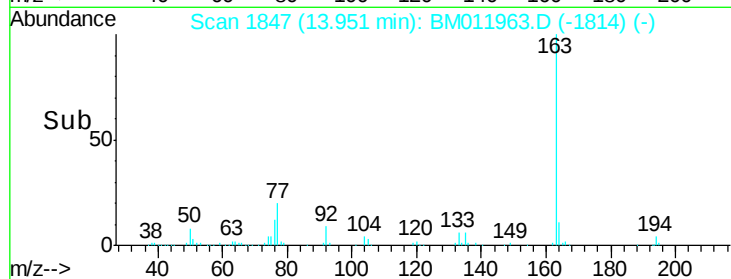
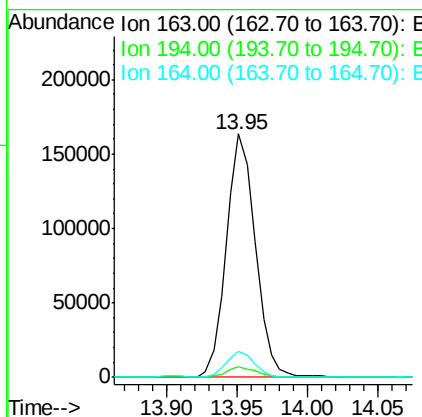
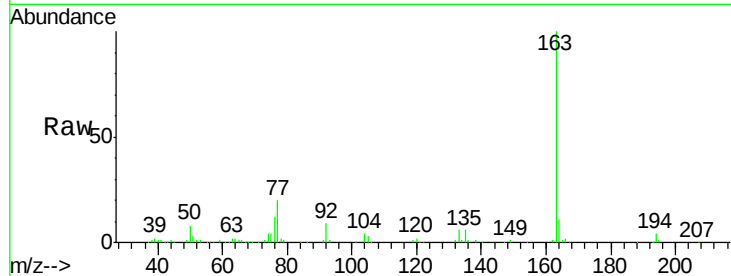
#44
Dimethylphthalate
Concen: 4.27 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Instrument :
BNA_M
ClientSampleId :
B0BT0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	235758		
194	4.3		3.5	5.3
164	10.8		8.2	12.4

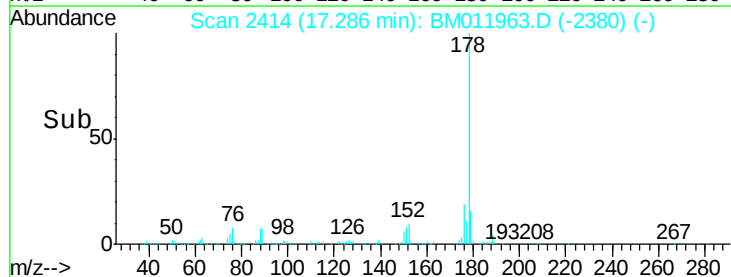
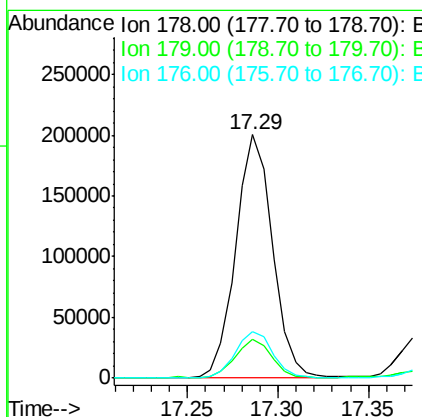
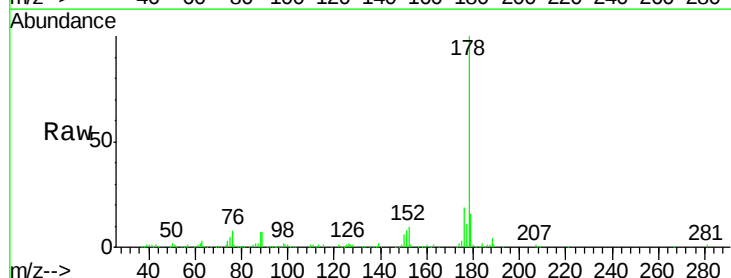
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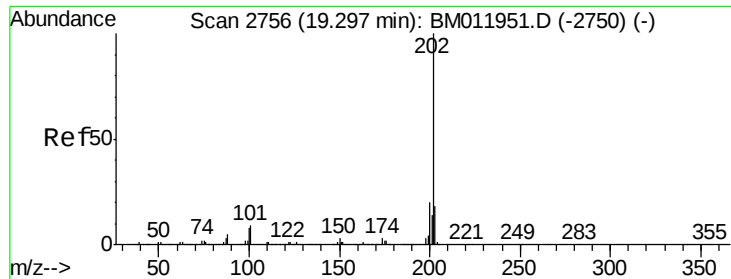
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#69
Phenanthrene
Concen: 3.48 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	281624		
179	16.2		12.6	19.0
176	19.1		14.9	22.3





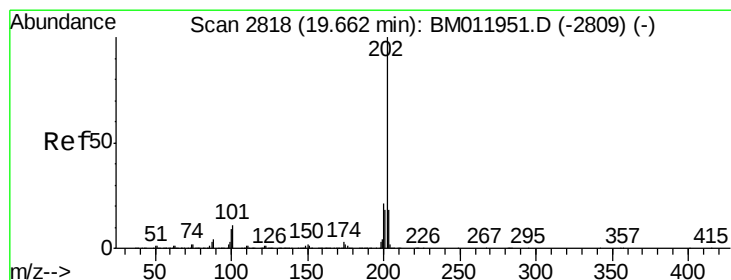
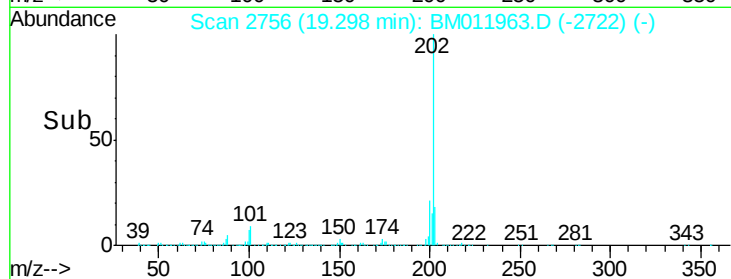
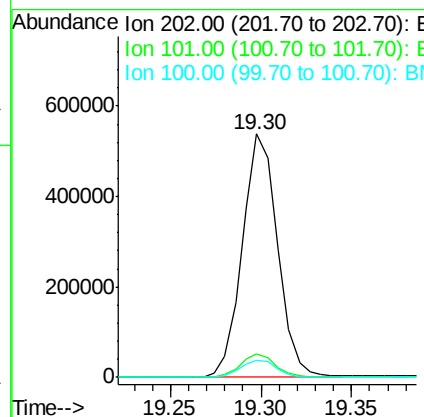
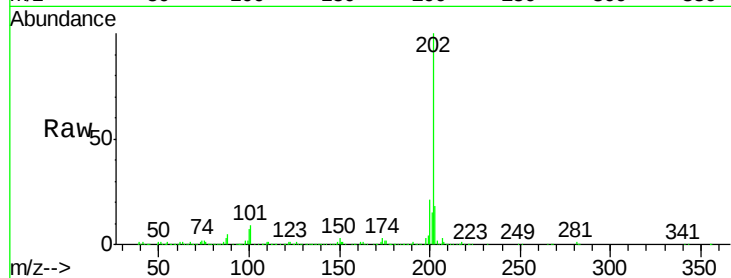
#74
 Fluoranthene
 Concen: 7.34 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: BM011963.D
 Acq: 07 Oct 2017 05:06

Instrument :
 BNA_M
 ClientSampleId :
 B0BT0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	4.6	7.0#
100	7.2	3.4	5.2#

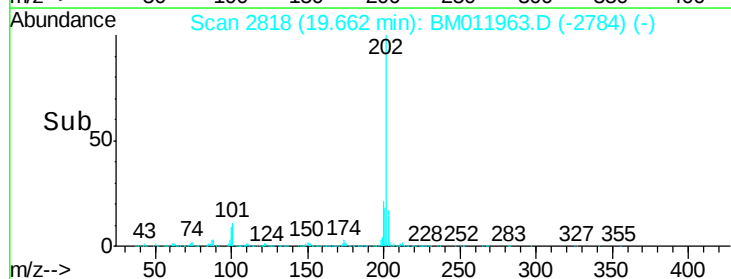
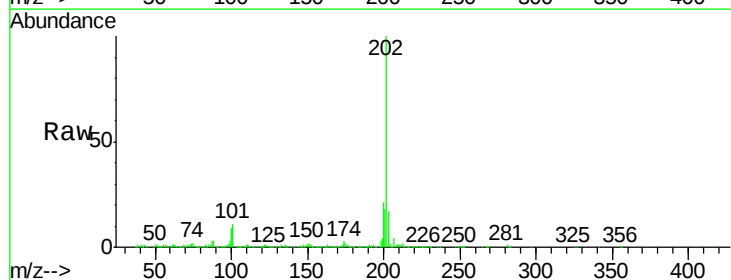
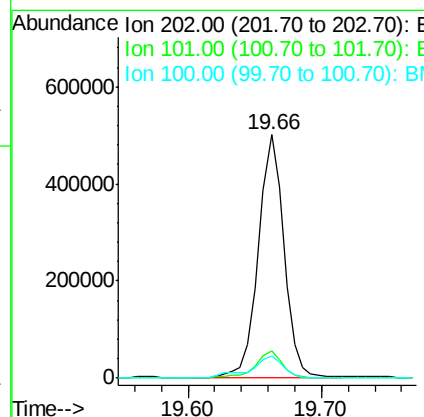
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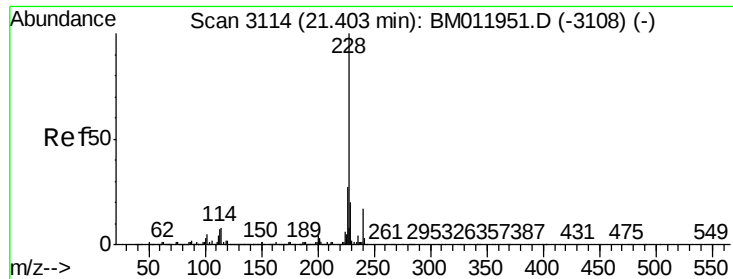
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#77
 Pyrene
 Concen: 7.37 ng/ul
 RT: 19.66 min Scan# 2818
 Delta R.T. 0.00 min
 Lab File: BM011963.D
 Acq: 07 Oct 2017 05:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	5.1	7.7#
100	8.9	4.9	7.3#





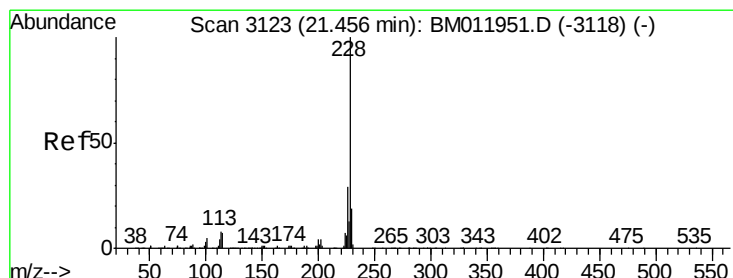
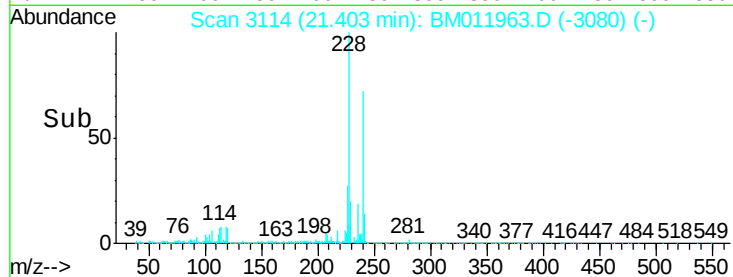
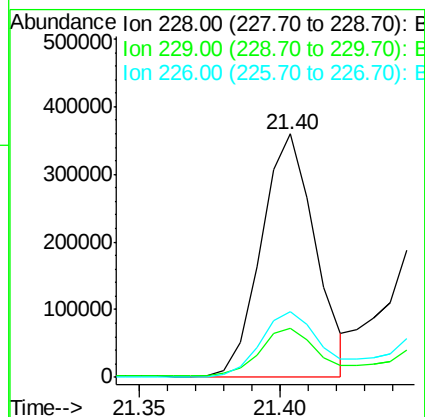
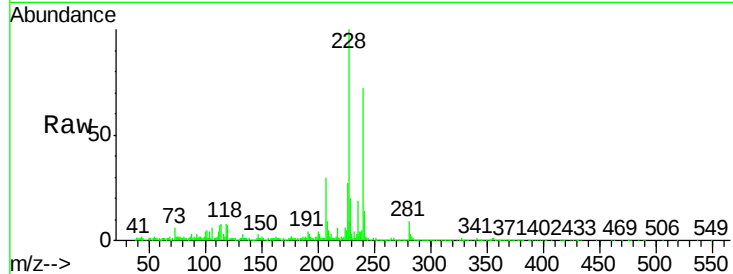
#80
Benzo(a)anthracene
Concen: 5.13 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Instrument :
BNA_M
ClientSampled :
B0BT0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	26.9	21.4	32.0

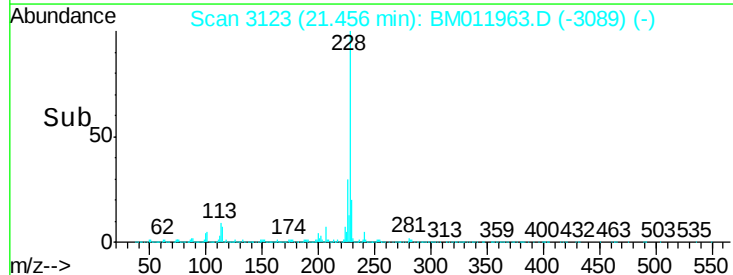
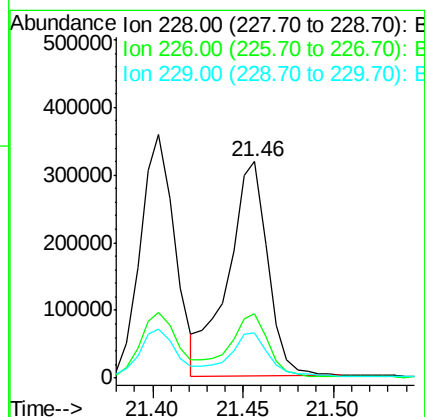
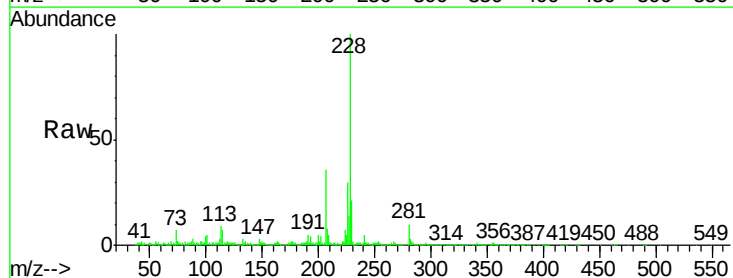
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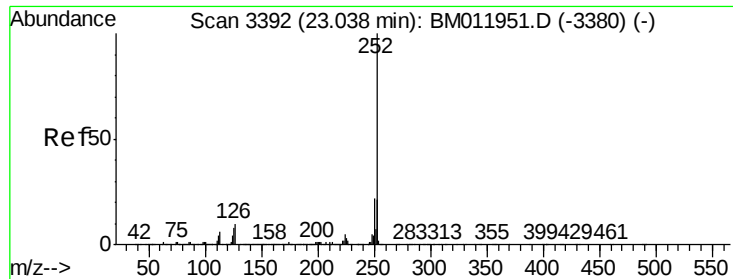
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#82
Chrysene
Concen: 5.46 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.6	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 7.24 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM011963.D

Acq: 07 Oct 2017 05:06

Instrument :

BNA_M

ClientSampleId :

B0BT0

Tgt Ion:252 Resp: 777472

Ion Ratio Lower Upper

252 100

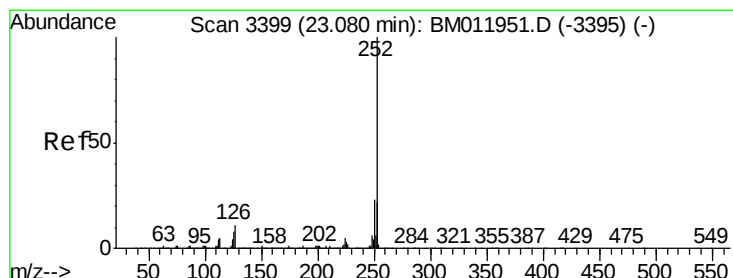
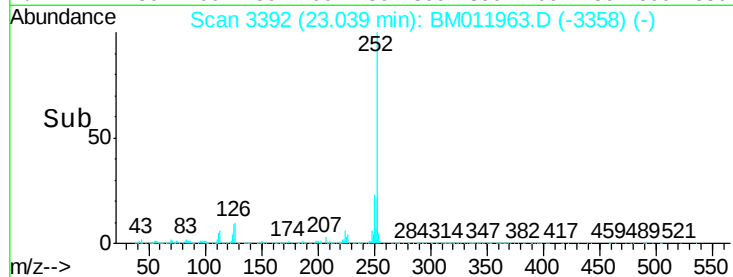
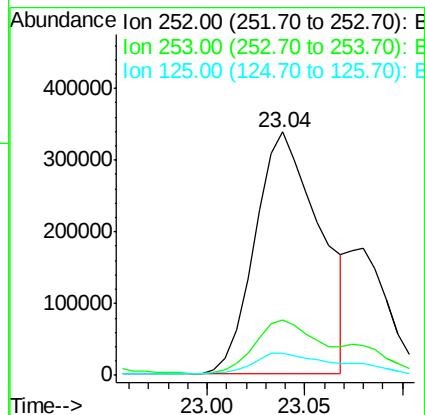
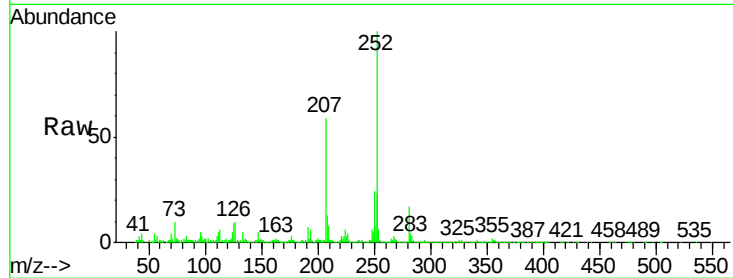
253 22.6 17.9 26.9

125 9.3 3.6 5.4#

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#86

Benzo(k)fluoranthene

Concen: 2.41 ng/ul m

RT: 23.08 min Scan# 3399

Delta R.T. 0.00 min

Lab File: BM011963.D

Acq: 07 Oct 2017 05:06

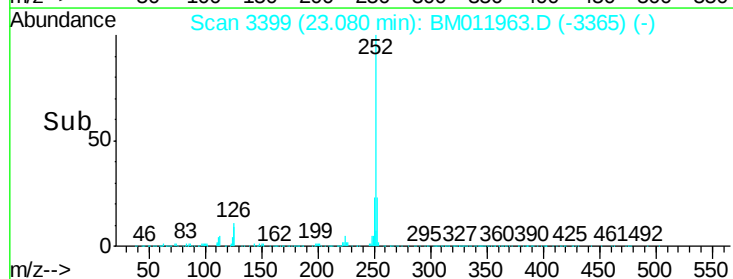
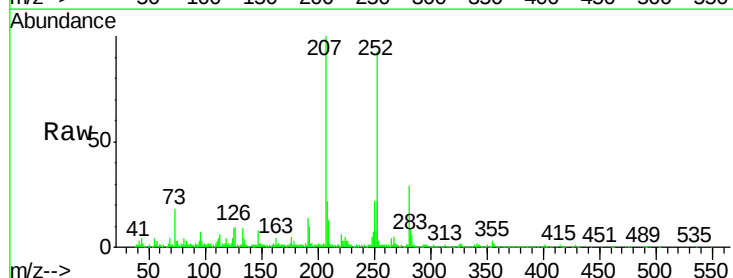
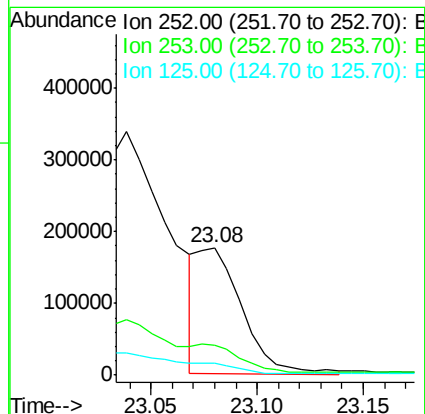
Tgt Ion:252 Resp: 258336

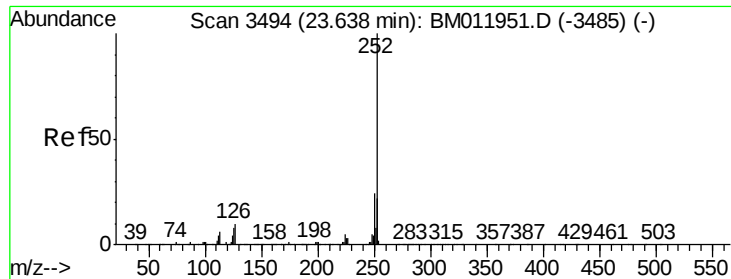
Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 9.5 3.4 5.2#





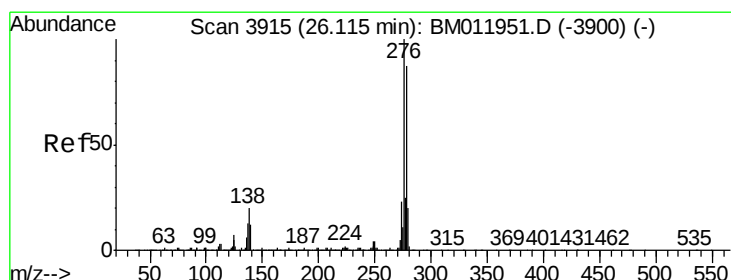
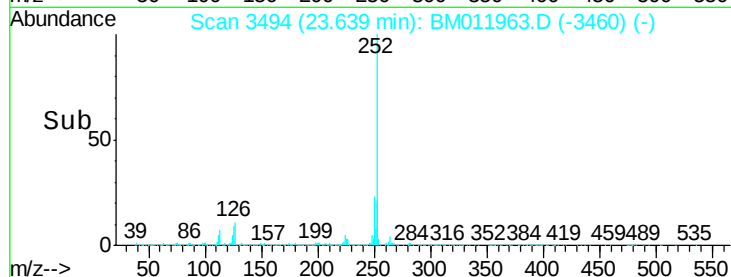
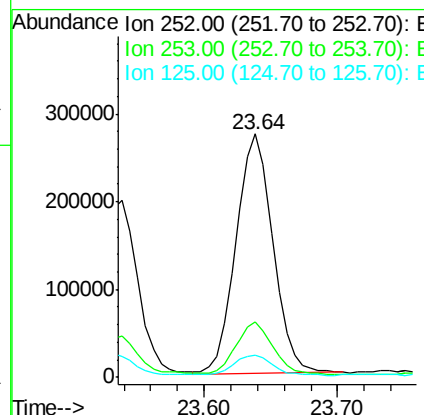
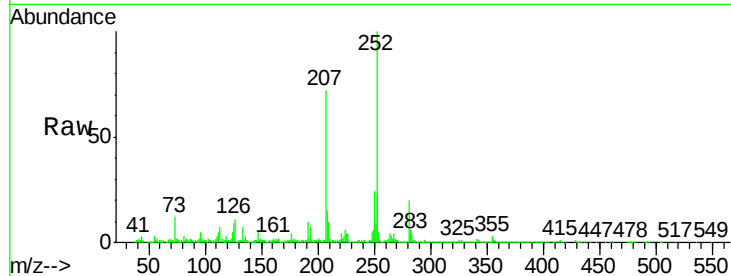
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Benzo(a)pyrene
Concen: 5.07 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Instrument :
BNA_M
ClientSampleId :
B0BT0

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	18.2	27.2
125	9.3	4.0	6.0

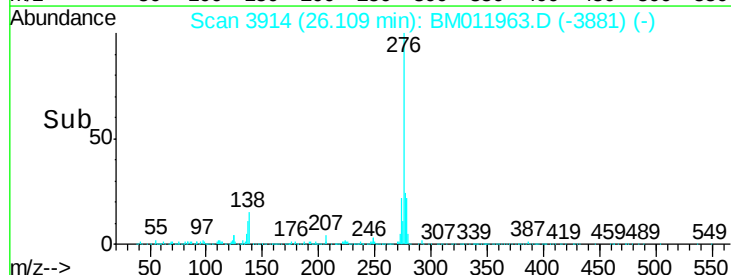
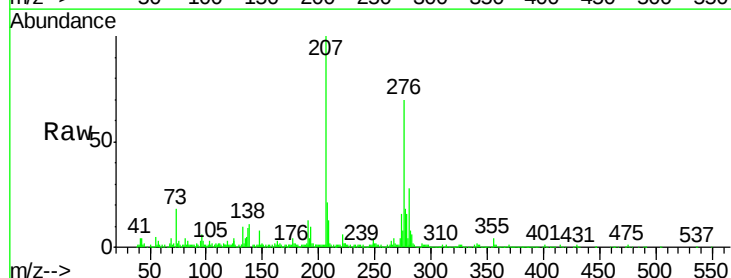
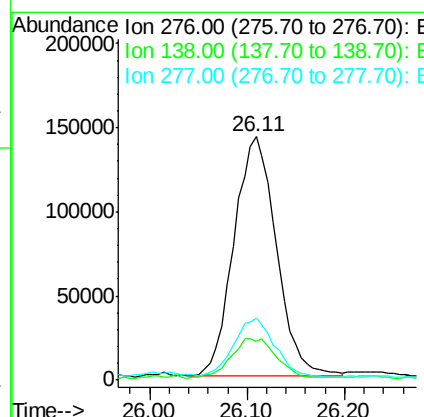
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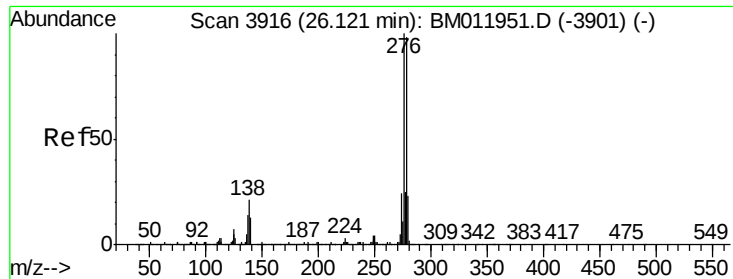
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.89 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.1	9.3	13.9
277	25.2	19.9	29.9





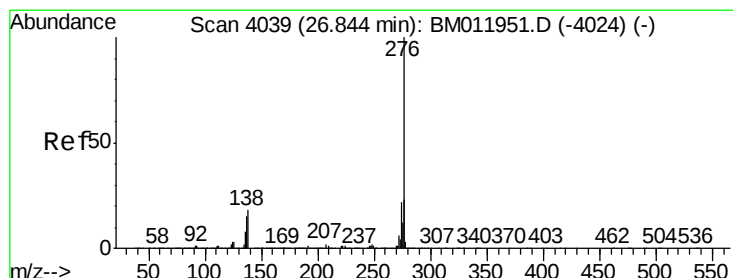
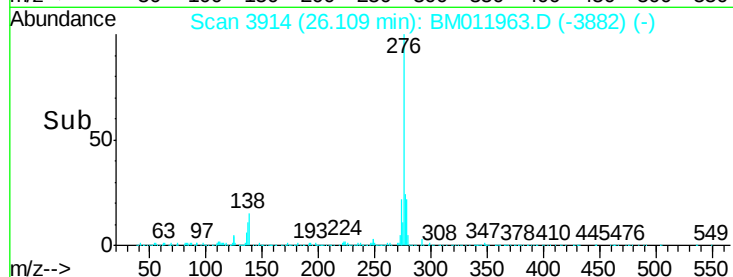
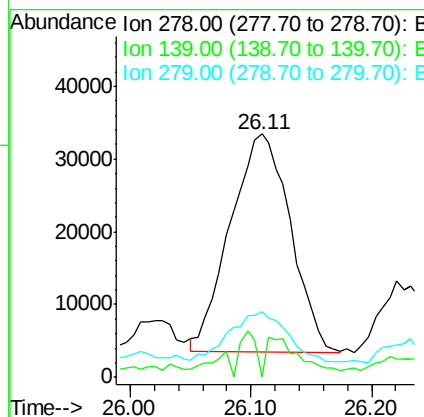
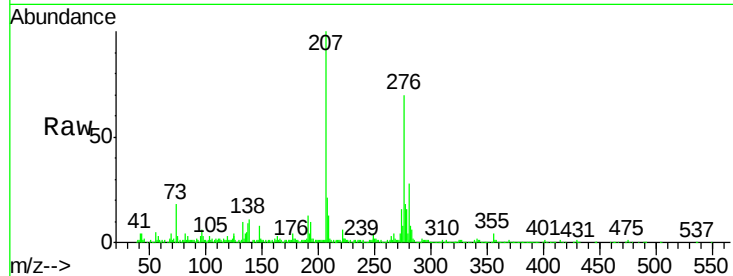
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Dibenzo(a,h)anthracene
Concen: 1.14 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Instrument :
BNA_M
ClientSampleId :
B0BT0

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	0.0	5.8	8.8#
279	26.8	18.6	27.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.35 ng/ul
RT: 26.84 min Scan# 4039
Delta R.T. 0.00 min
Lab File: BM011963.D
Acq: 07 Oct 2017 05:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.7	8.5	12.7#
277	23.3	18.6	28.0

