

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012141.D
 Acq On : 13 Oct 2017 17:45
 Operator : SJ/JU
 Sample : I5568-07DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-29(1-3)-092917DL

Manual Integrations
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Quant Time: Oct 24 05:29:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	211933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	910819	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.49	164	556472	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1252677	20.00	ng/ul	-0.01
75) Chrysene-d12	21.42	240	1085492	20.00	ng/ul	-0.01
83) Perylene-d12	23.75	264	957620	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3057	0.69	ng/uL	0.00
5) Phenol-d5	7.02	99	71054	4.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	43698	4.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	63046	4.32	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	58815	3.97	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	31525	4.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	34150	4.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	65226	4.21	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.79	131	52918	3.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	230973	4.70	ng/ul	-0.01
46) Acenaphthylene-d8	14.19	160	273036	4.59	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.75	143	18397m	2.49	ng/ul	0.01
57) Fluorene-d10	15.49	176	195756	4.85	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	2231	0.26	ng/ul	-0.01
70) Anthracene-d10	17.34	188	298014	4.81	ng/ul	-0.01
76) Pyrene-d10	19.63	212	304463	5.53	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.60	264	210865	4.57	ng/ul	-0.02

Target Compounds

						Ovalue
49) Acenaphthene	14.56	153	45714	1.16	ng/ul	96
69) Phenanthrene	17.28	178	682697	9.58	ng/ul	99
71) Anthracene	17.37	178	172414	2.34	ng/ul	97
74) Fluoranthene	19.30	202	1745045	20.29	ng/ul#	92
77) Pyrene	19.66	202	1448349	20.20	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	977340	13.84	ng/ul	97
82) Chrysene	21.46	228	882720	13.31	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	1162084	18.60	ng/ul#	94
86) Benzo(k)fluoranthene	23.09	252	326221m	5.42	ng/ul	
88) Benzo(a)pyrene	23.65	252	735352	12.48	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.14	276	438901	7.02	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.13	278	125697	2.39	ng/ul#	70
91) Benzo(g,h,i)perylene	26.88	276	384584	7.51	ng/ul#	90

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

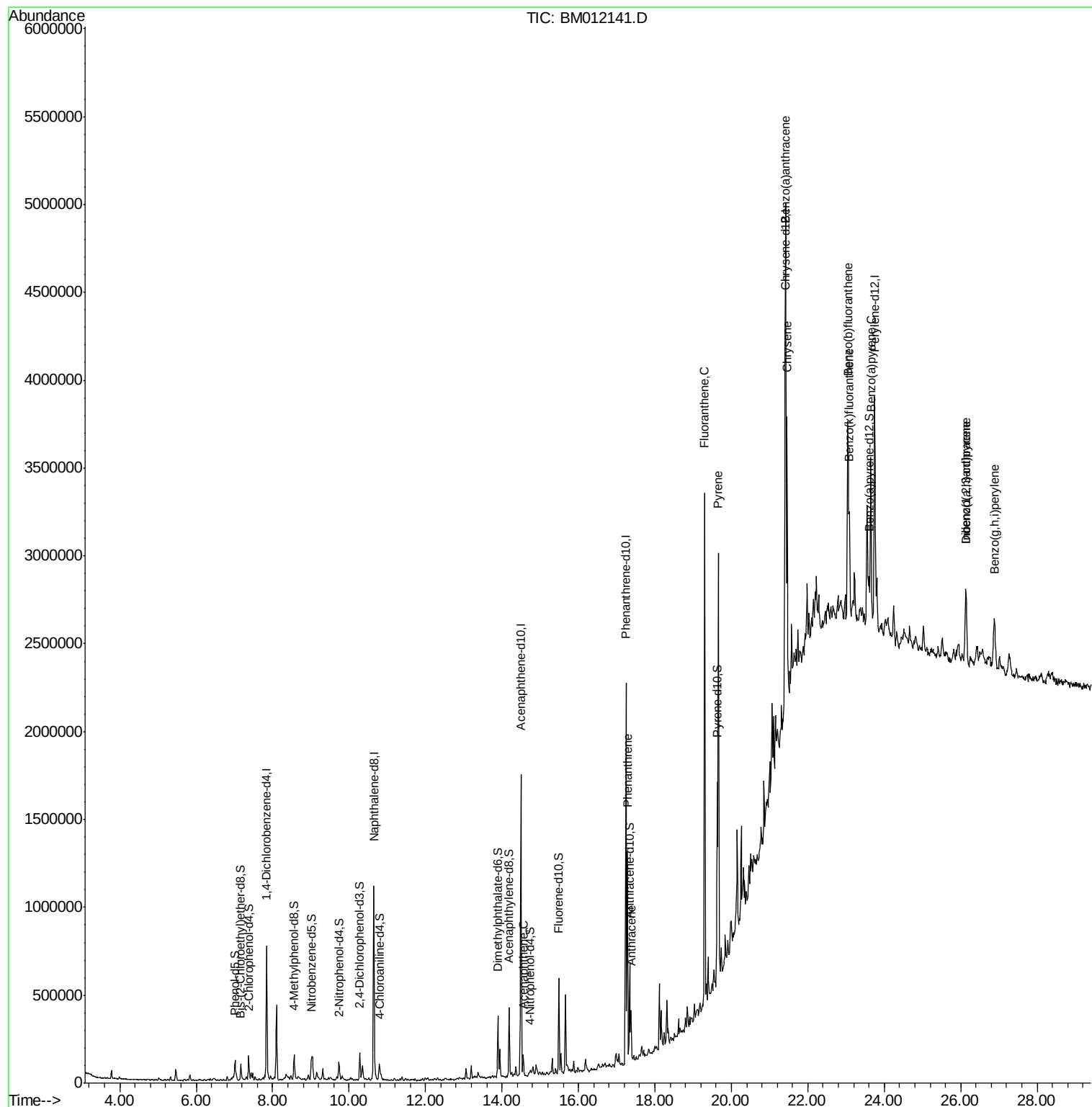
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
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ALS Vial : 40 Sample Multiplier: 1

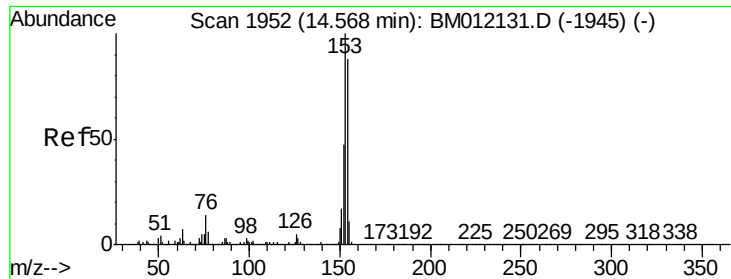
Instrument :
BNA_M
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B-29(1-3)-092917DL

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Quant Time: Oct 24 05:29:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration





#49

Acenaphthene

Concen: 1.16 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Instrument :

BNA_M

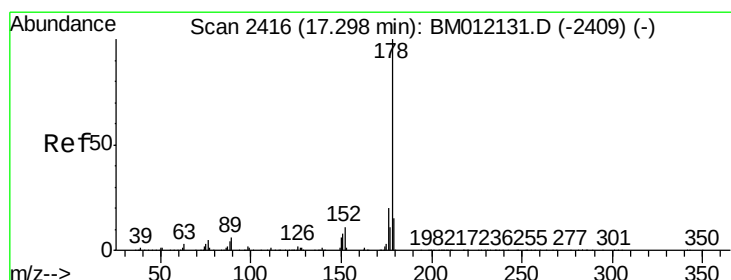
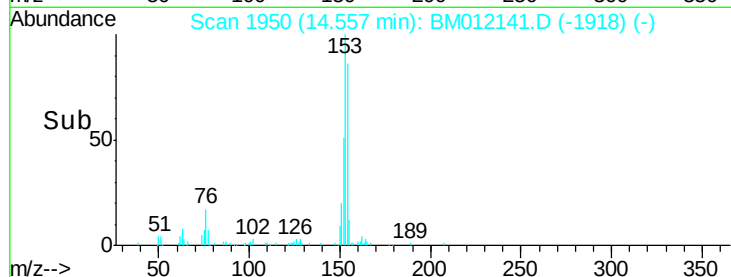
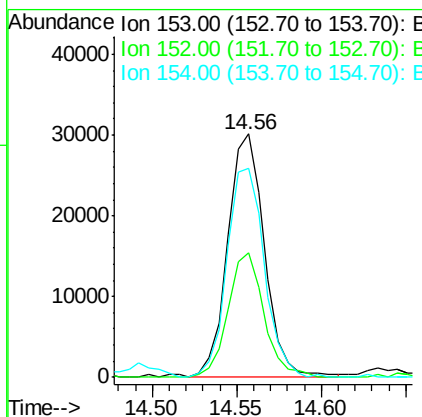
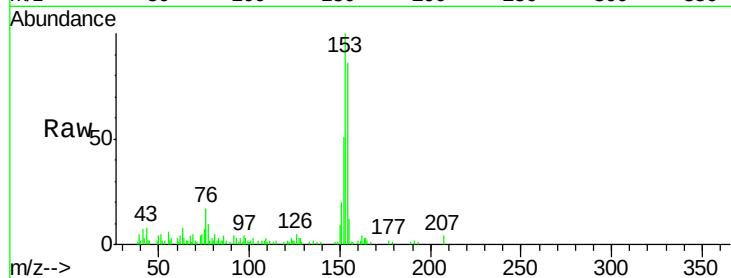
ClientSampleId :

B-29(1-3)-092917DL

Tot Ion:	153	Resp:	45714
Ion Ratio	Lower	Upper	
153	100		
152	51.0	37.6	56.4
154	85.8	70.4	105.6

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#69

Phenanthrene

Concen: 9.58 ng/ul

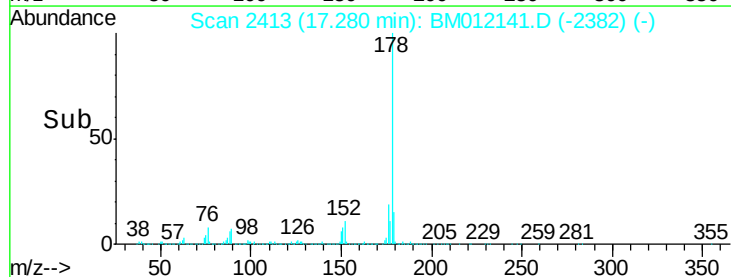
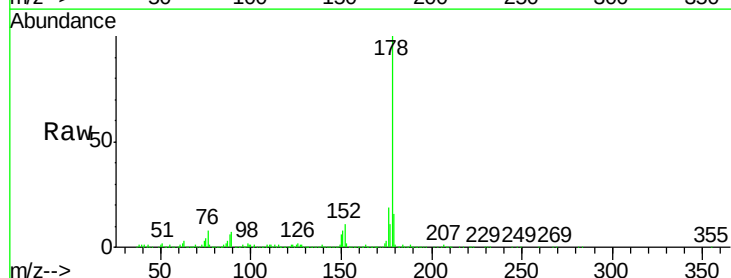
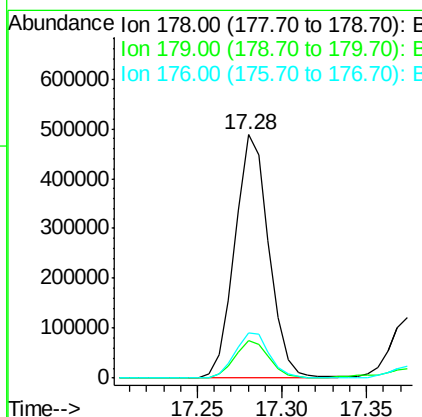
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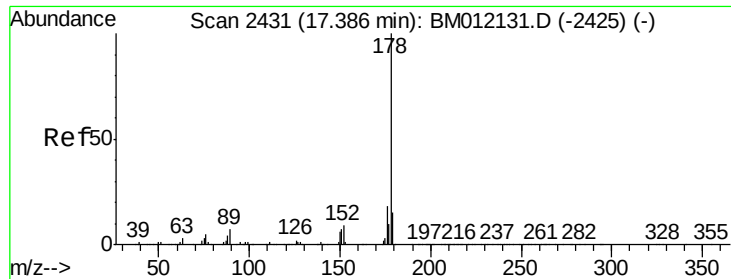
Delta R.T. -0.02 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Tgt Ion:	178	Resp:	682697
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.8	14.9	22.3





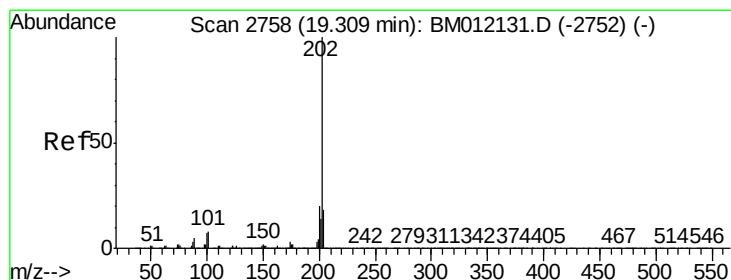
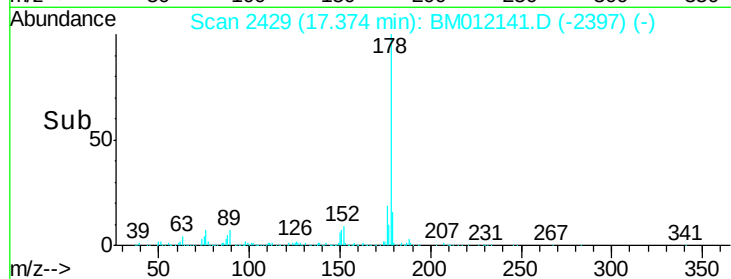
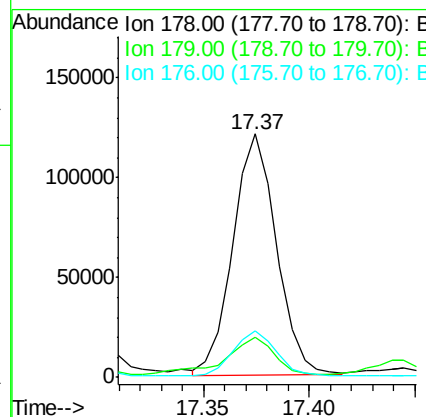
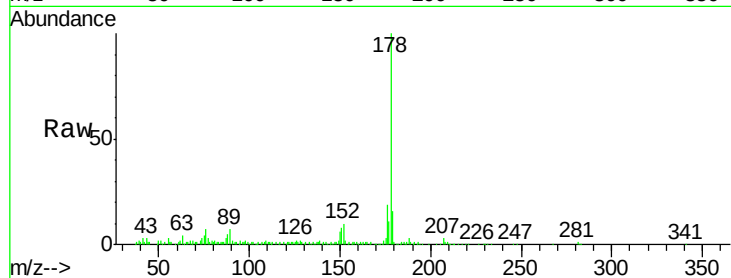
#71
 Anthracene
 Concen: 2.34 ng/ul
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM012141.D
 Acq: 13 Oct 2017 17:45

Instrument :
 BNA_M
 ClientSampleId :
 B-29(1-3)-092917DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	19.0	14.6	21.8

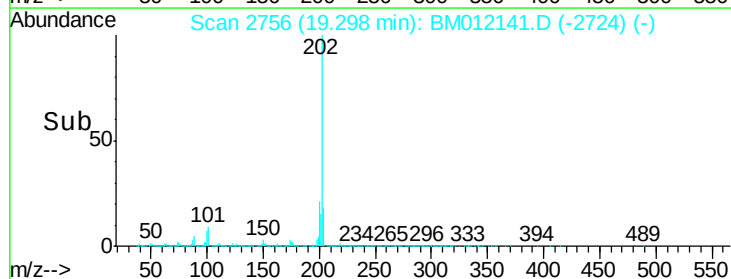
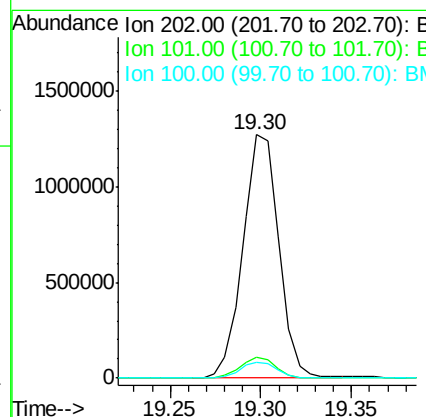
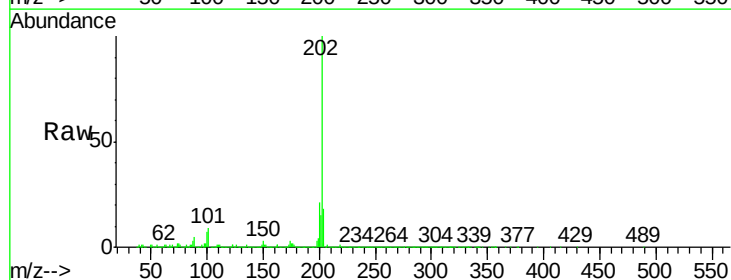
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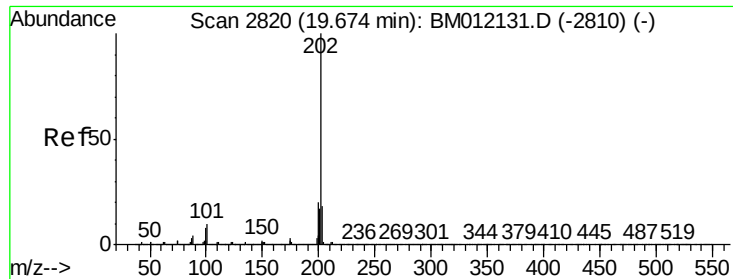
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#74
 Fluoranthene
 Concen: 20.29 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. -0.01 min
 Lab File: BM012141.D
 Acq: 13 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.6	3.4	5.2#





#77

Pvrene

Concen: 20.20 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Instrument :

BNA_M

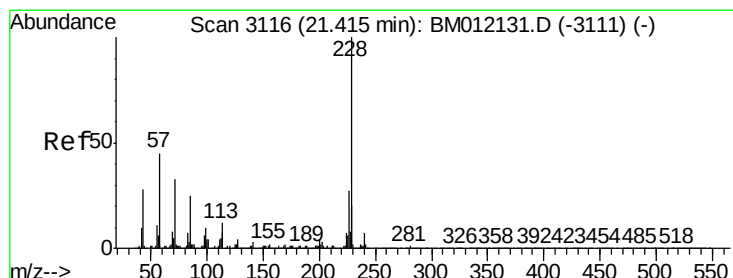
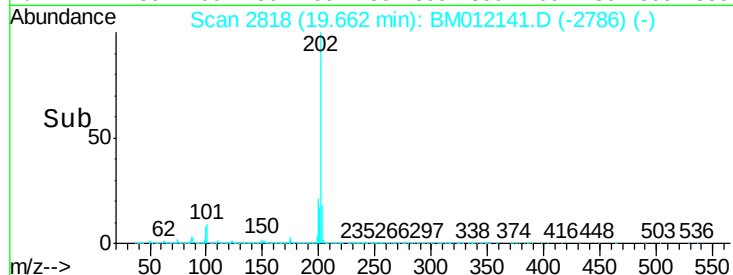
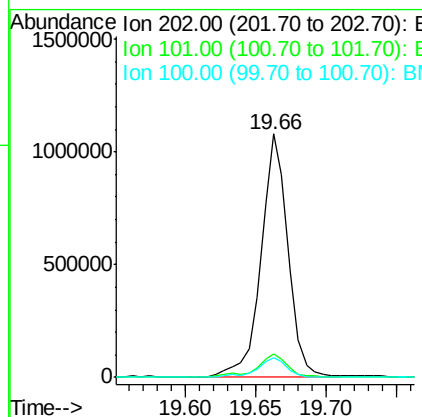
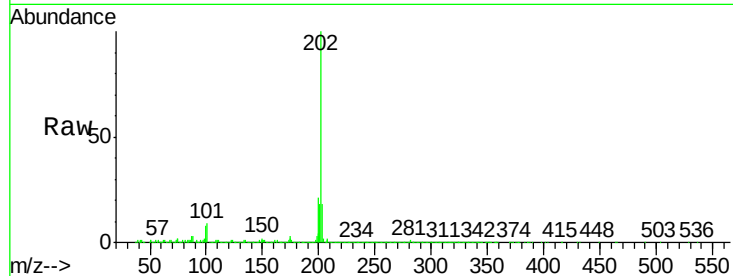
ClientSampleId :

B-29(1-3)-092917DL

Tot Ion:	202	Resp:	1448349
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	8.2	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 13.84 ng/ul

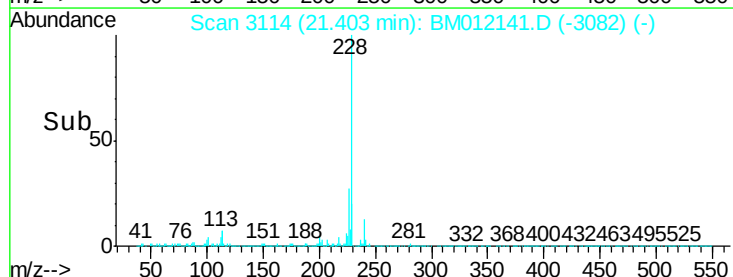
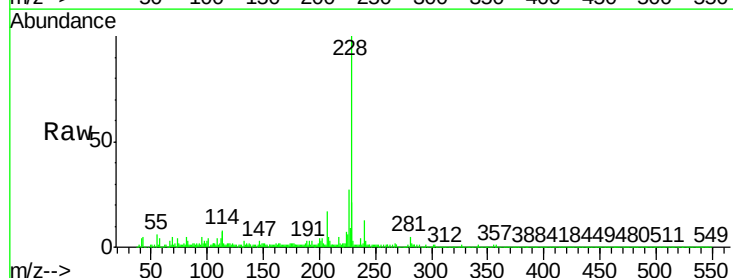
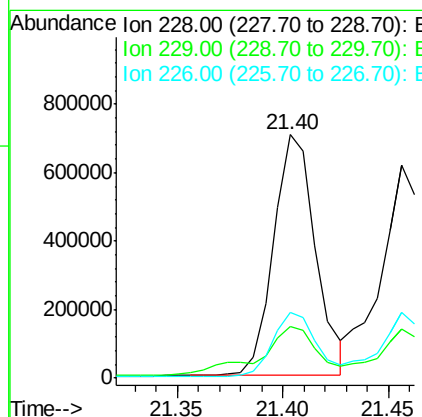
RT: 21.40 min Scan# 3114

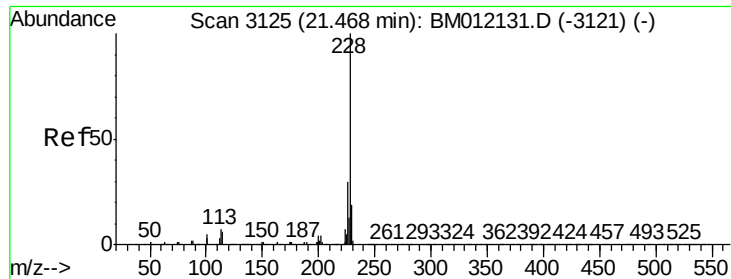
Delta R.T. -0.01 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Tgt Ion:	228	Resp:	977340
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.4	23.0
226	27.2	21.4	32.0





#82

Chrysene

Concen: 13.31 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Instrument :

BNA_M

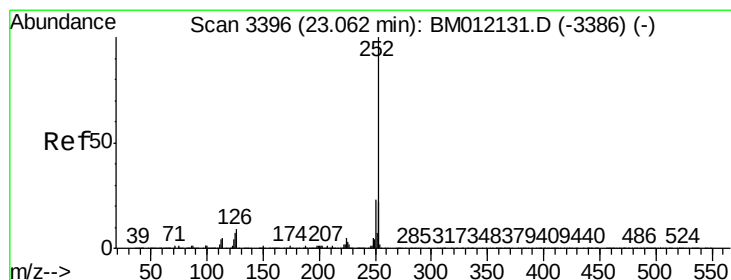
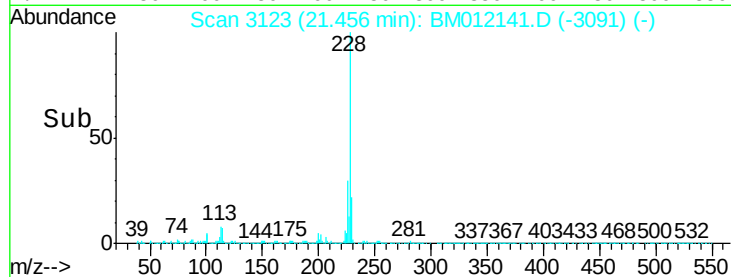
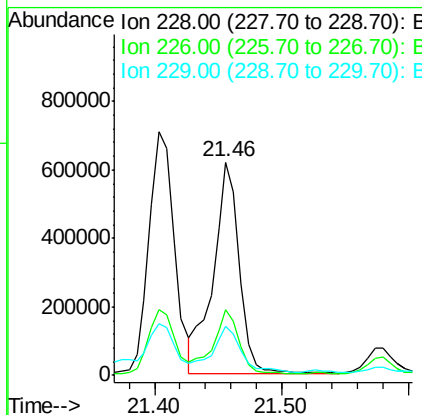
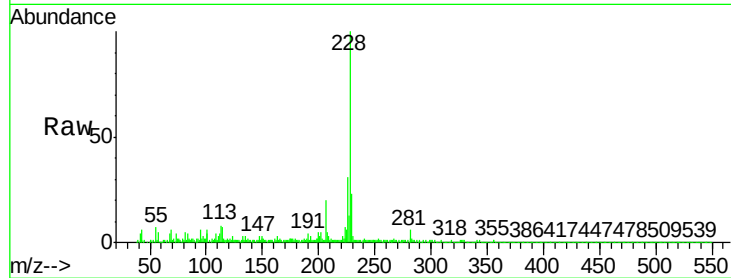
ClientSampleId :

B-29(1-3)-092917DL

Tot Ion:	228	Resp:	882720
Ion Ratio		Lower	Upper
228	100		
226	30.7	23.4	35.2
229	23.1	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 18.60 ng/ul

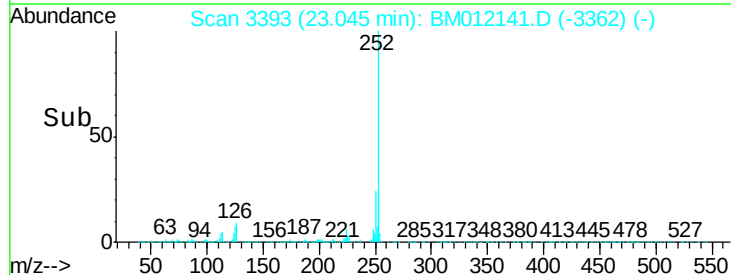
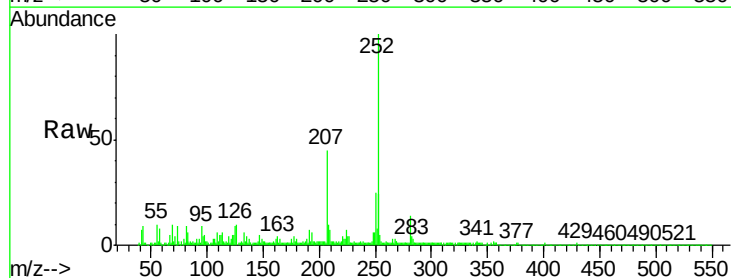
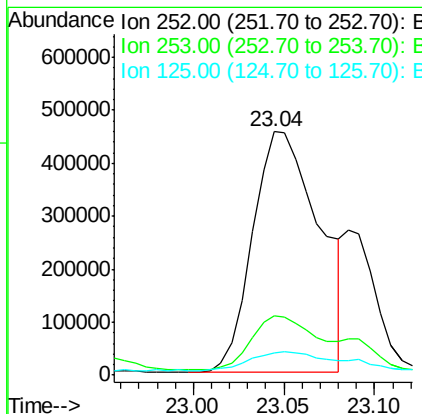
RT: 23.04 min Scan# 3393

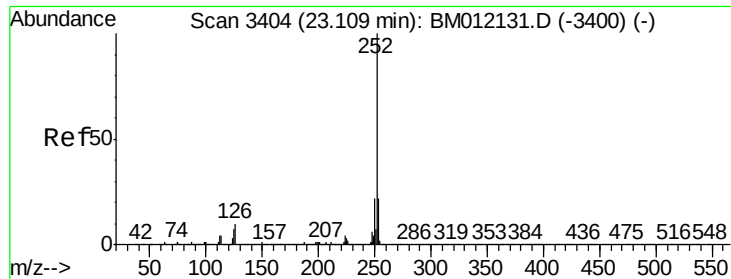
Delta R.T. -0.02 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Tgt Ion:	252	Resp:	1162084
Ion Ratio		Lower	Upper
252	100		
253	24.3	17.9	26.9
125	9.3	3.6	5.4





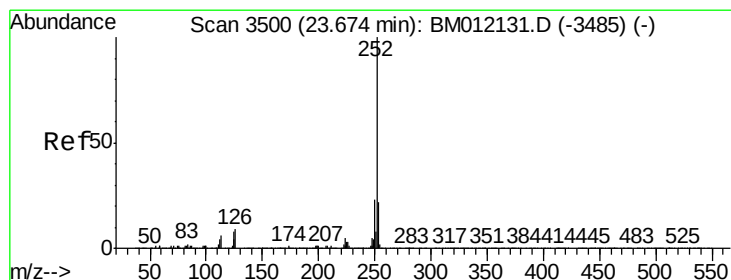
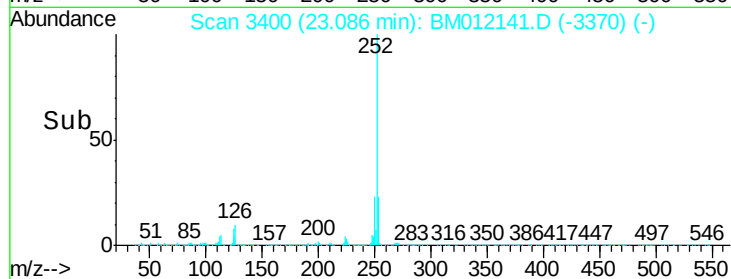
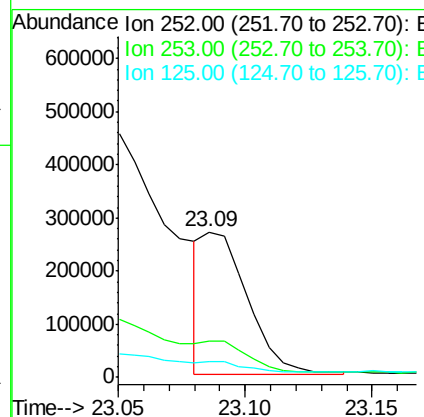
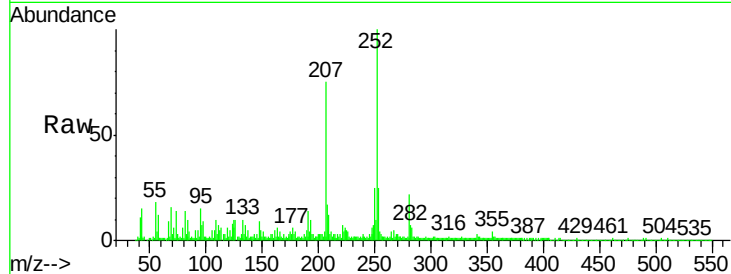
#86
Benzo(k)fluoranthene
Concen: 5.42 ng/ul m
RT: 23.09 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM012141.D
Acq: 13 Oct 2017 17:45

Instrument :
BNA_M
ClientSampleId :
B-29(1-3)-092917DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.4	17.1	25.7
125	10.5	3.4	5.2#

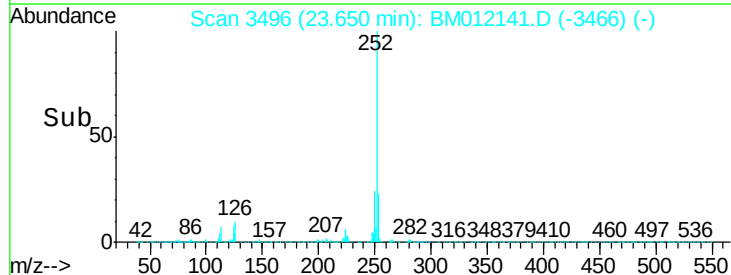
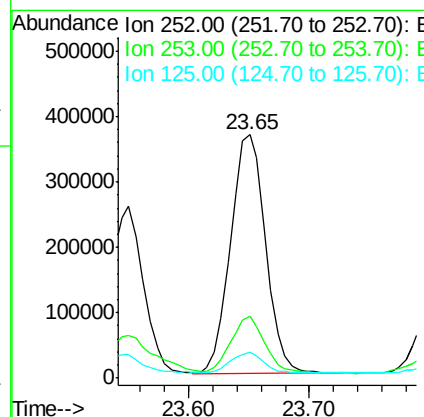
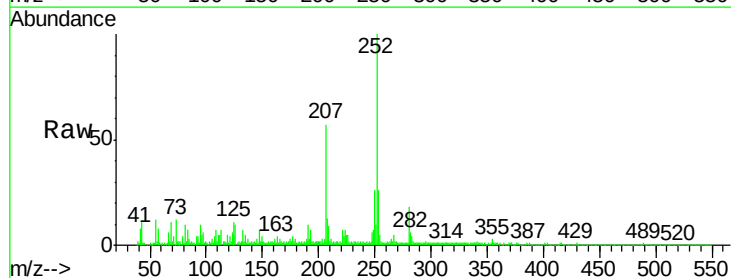
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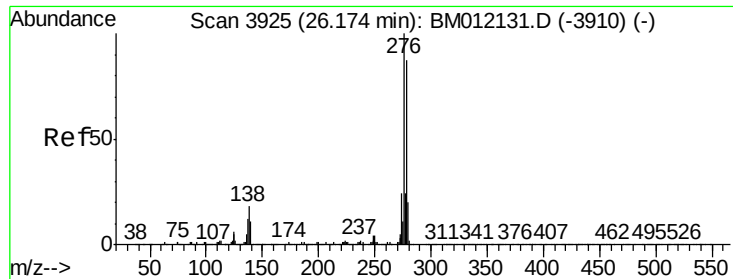
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#88
Benzo(a)pyrene
Concen: 12.48 ng/ul
RT: 23.65 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BM012141.D
Acq: 13 Oct 2017 17:45

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	18.2	27.2
125	10.5	4.0	6.0#





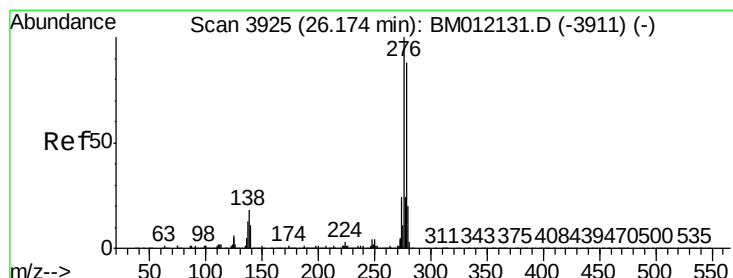
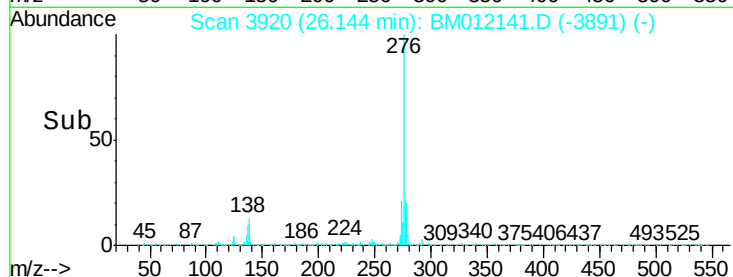
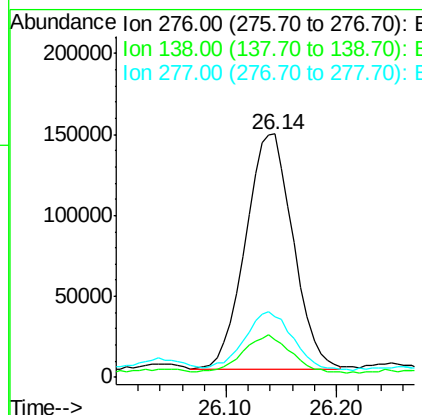
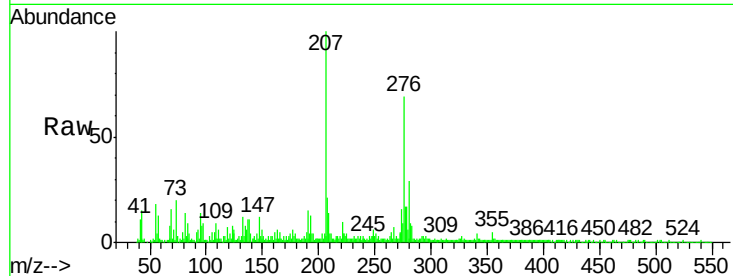
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 7.02 ng/ul
 RT: 26.14 min Scan# 3920
 Delta R.T. -0.03 min
 Lab File: BM012141.D
 Acq: 13 Oct 2017 17:45

Instrument :
 BNA_M
 ClientSampleId :
 B-29(1-3)-092917DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	24.9	19.9	29.9

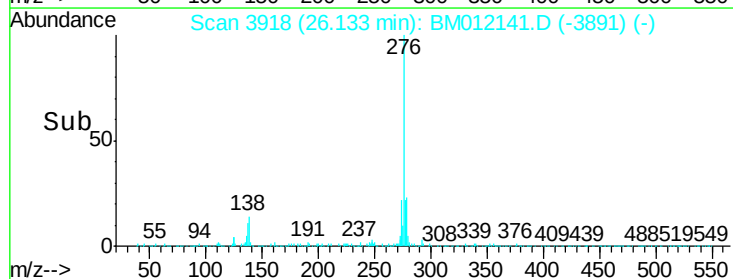
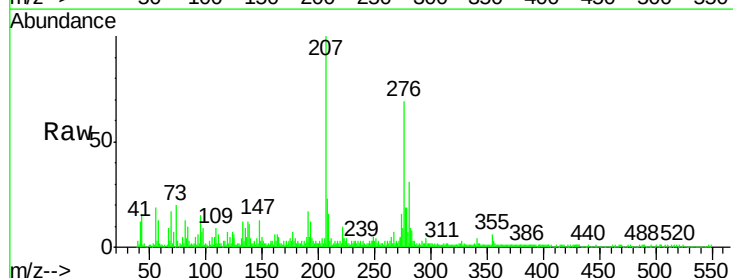
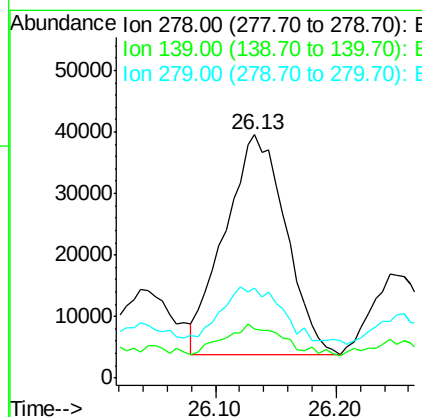
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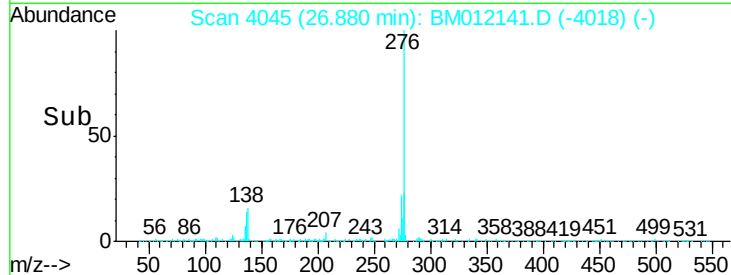
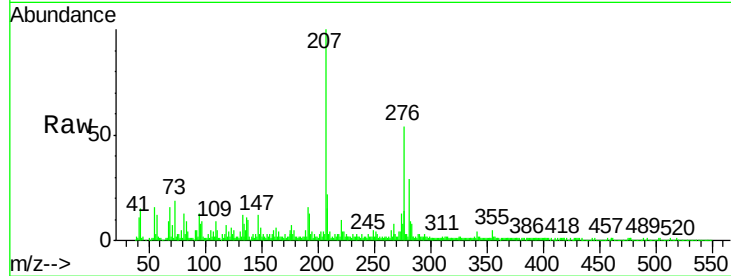
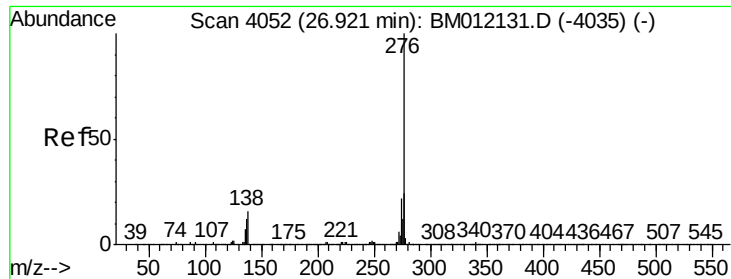
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.39 ng/ul
 RT: 26.13 min Scan# 3918
 Delta R.T. -0.04 min
 Lab File: BM012141.D
 Acq: 13 Oct 2017 17:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	5.8	8.8#
279	36.7	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 7.51 ng/ul

RT: 26.88 min Scan# 4045

Delta R.T. -0.04 min

Lab File: BM012141.D

Acq: 13 Oct 2017 17:45

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	18.3	8.5	12.7#	
277	25.7	18.6	28.0	

Instrument :

BNA_M

ClientSampleId :

B-29(1-3)-092917DL

Manual Integrations
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