

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013988.D
 Acq On : 30 Jan 2018 09:15
 Operator : SJ/JU
 Sample : J1233-15DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B19DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:35:02 PM

Quant Time: Jan 30 13:29:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	97236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	393574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	243658	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	622104	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	812208	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	808070	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2159	0.88	ng/uL	0.00
5) Phenol-d5	6.76	99	31532	4.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	17955	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	26155	4.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	19692	3.43	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	12252	4.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	14387	4.46	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	26371m	4.23	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	23387	4.32	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	112977	5.63	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	134161	5.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	9254m	2.84	ng/ul	0.05
57) Fluorene-d10	15.22	176	103478	5.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3699	0.99	ng/ul	0.00
70) Anthracene-d10	17.08	188	171783	5.67	ng/ul	0.00
76) Pyrene-d10	19.38	212	218052	5.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	218929	5.89	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	114855	5.866	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	175977	12.055	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	25700	1.267	ng/ul#	64
44) Dimethylphthalate	13.69	163	67456	3.416	ng/ul#	94
49) Acenaphthene	14.29	153	64157	3.954	ng/ul	87
53) Dibenzofuran	14.63	168	173363	7.102	ng/ul	97
58) Fluorene	15.28	166	113335	5.668	ng/ul	93
68) Pentachlorophenol	16.64	266	9456	2.250	ng/ul	97
69) Phenanthrene	17.02	178	908694	26.278	ng/ul	99
71) Anthracene	17.12	178	98129	2.751	ng/ul	98
74) Fluoranthene	19.04	202	705443	17.090	ng/ul#	98
77) Pyrene	19.41	202	464666	9.411	ng/ul	99
80) Benzo(a)anthracene	21.16	228	122341	2.493	ng/ul	95
82) Chrysene	21.22	228	89482	1.987	ng/ul	98
85) Benzo(b)fluoranthene	22.72	252	66656	1.343	ng/ul#	92

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

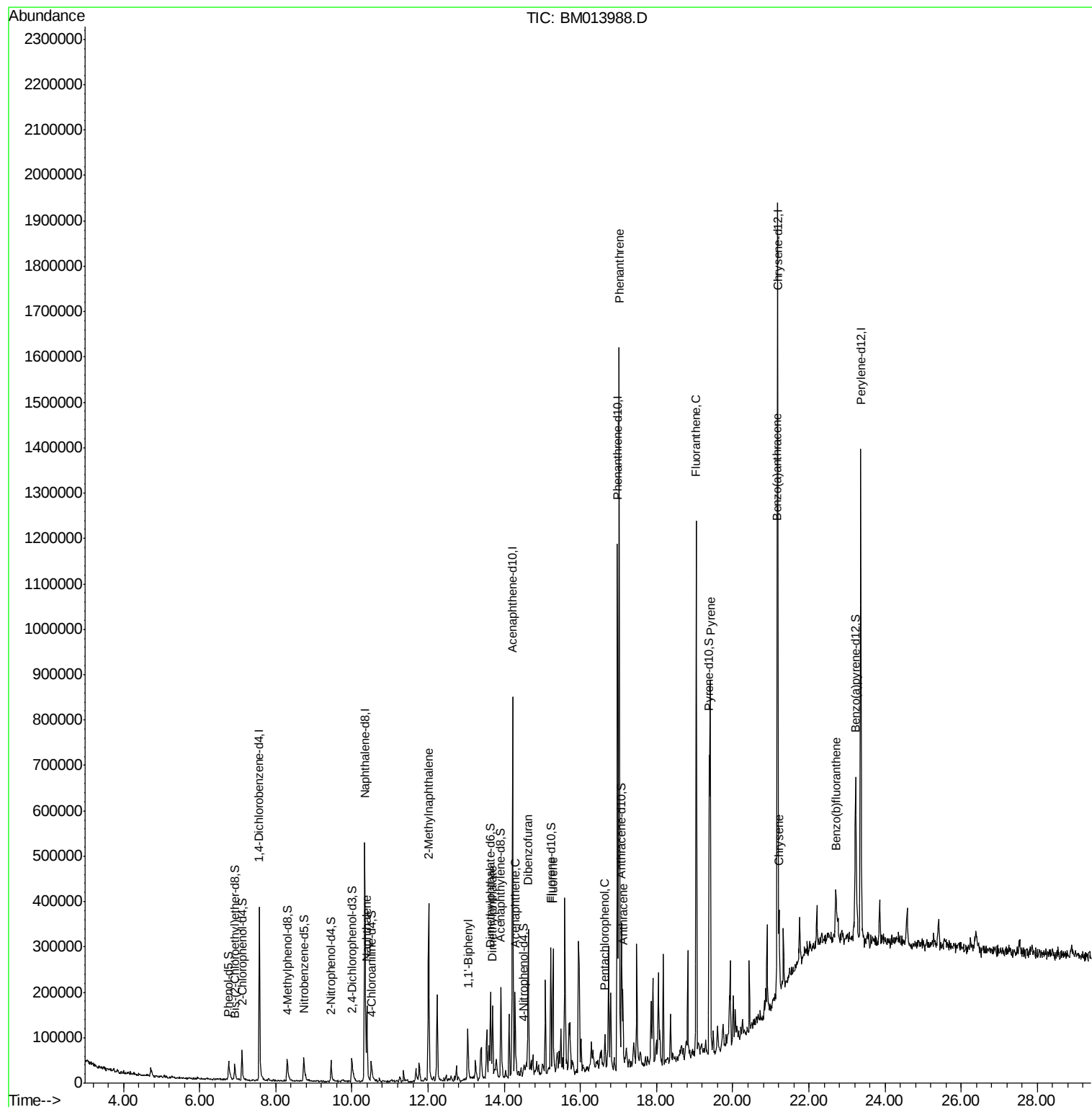
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013988.D
Acq On : 30 Jan 2018 09:15
Operator : SJ/JU
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ALS Vial : 33 Sample Multiplier: 1

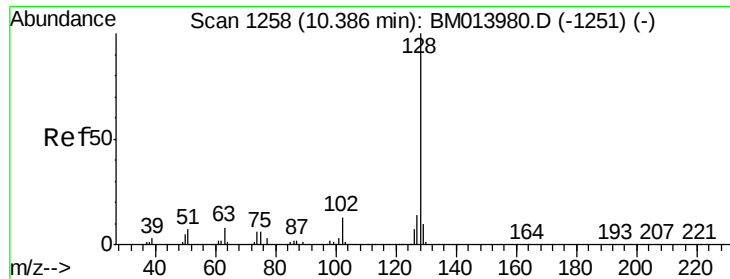
Instrument :
BNA_M
ClientSampleId :
F6B19DL

Manual Integrations
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1/30/2018 3:35:02 PM

Quant Time: Jan 30 13:29:53 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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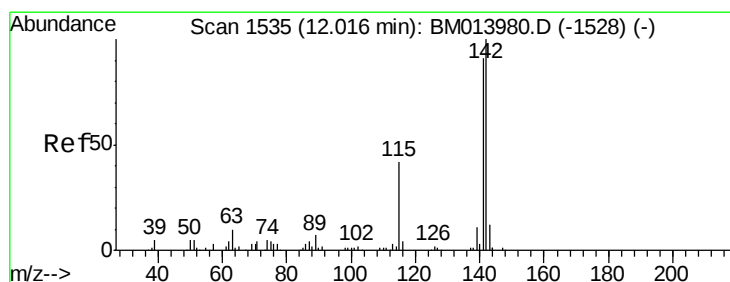
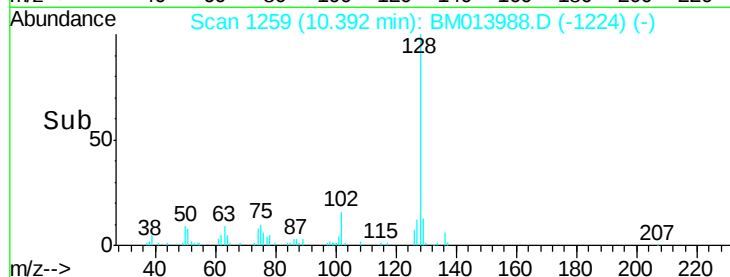
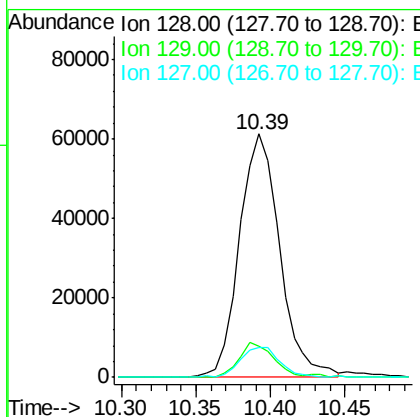
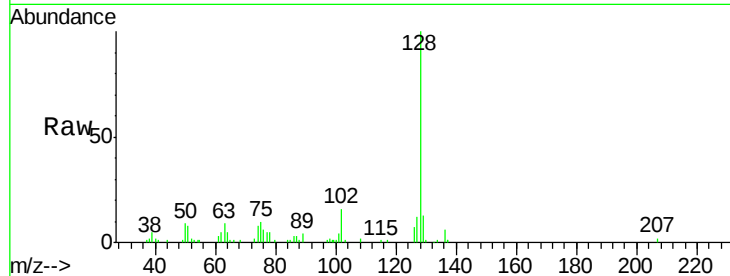
#28
Naphthalene
Concen: 5.866 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013988.D
Acq: 30 Jan 2018 09:15

Instrument :
BNA_M
ClientSampleId :
F6B19DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	12.2	10.6	16.0

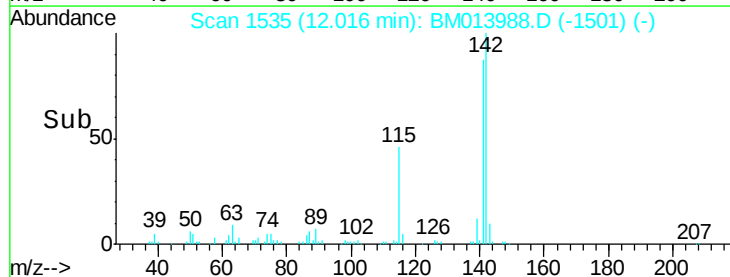
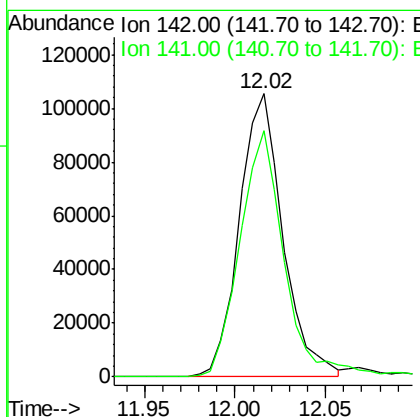
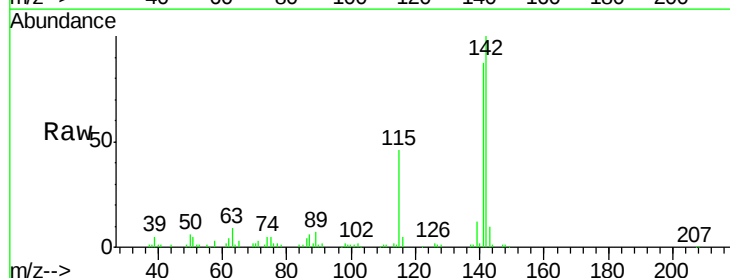
Manual Integrations
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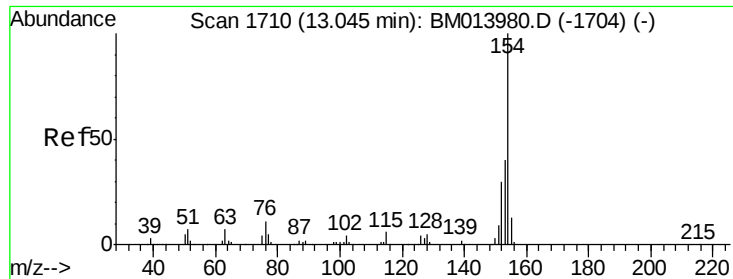
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#34
2-Methylnaphthalene
Concen: 12.055 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013988.D
Acq: 30 Jan 2018 09:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	74.1	111.1





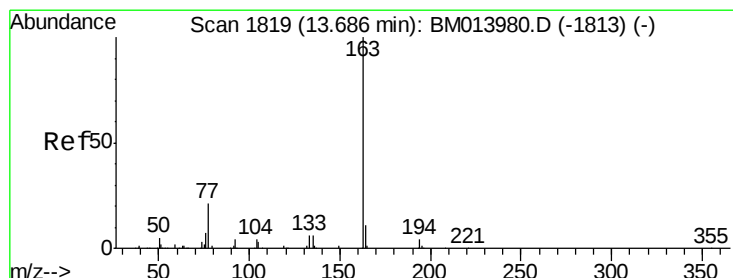
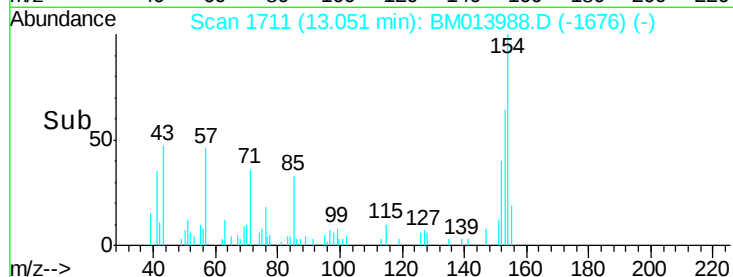
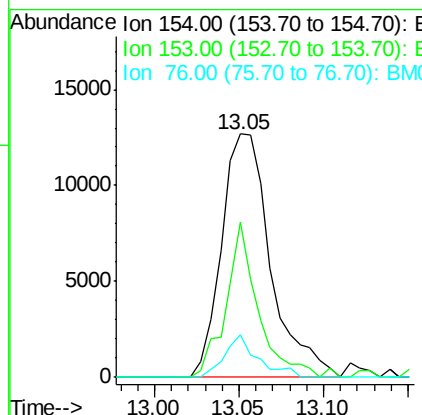
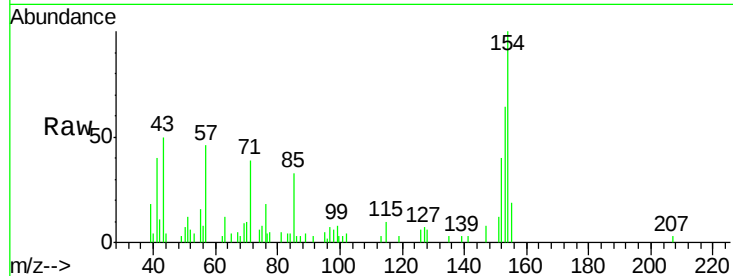
#40
 1,1'-Biphenyl
 Concen: 1.267 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BM013988.D
 Acq: 30 Jan 2018 09:15

Instrument :
 BNA_M
 ClientSampleId :
 F6B19DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	63.9	32.6	48.8#
76	22.1	8.5	12.7#

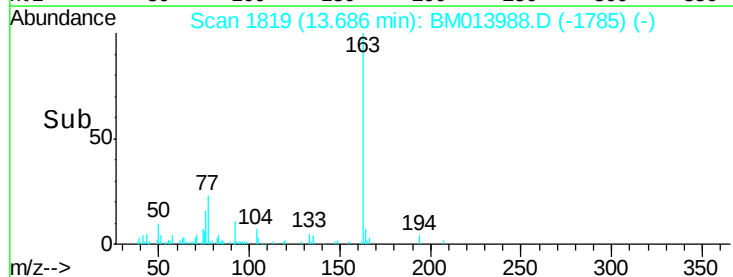
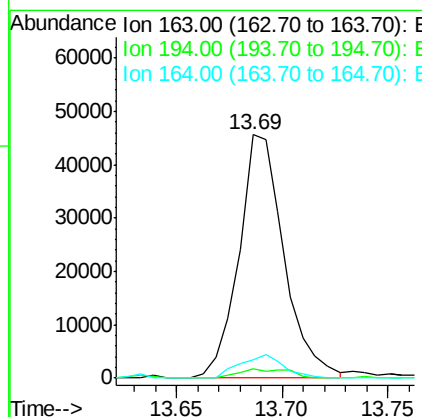
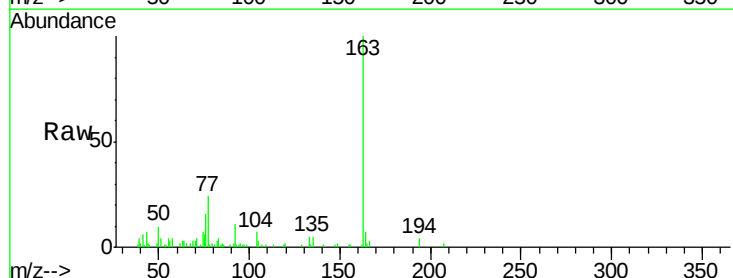
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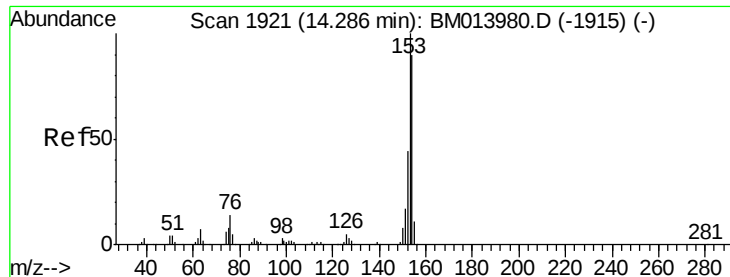
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#44
 Dimethylphthalate
 Concen: 3.416 ng/ul
 RT: 13.69 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BM013988.D
 Acq: 30 Jan 2018 09:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	7.3	8.2	12.4#





#49

Acenaphthene

Concen: 3.954 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Instrument :

BNA_M

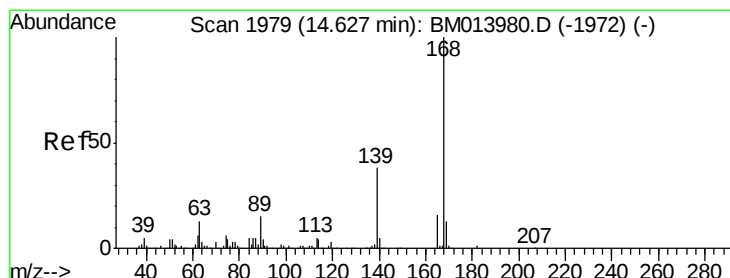
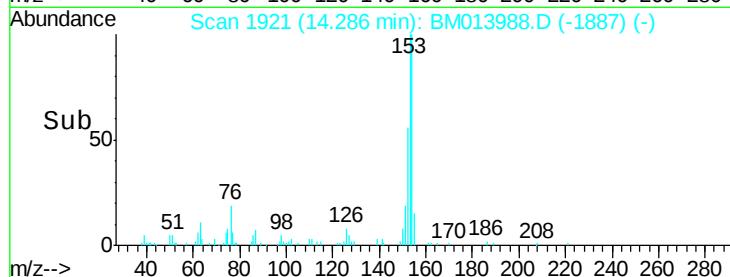
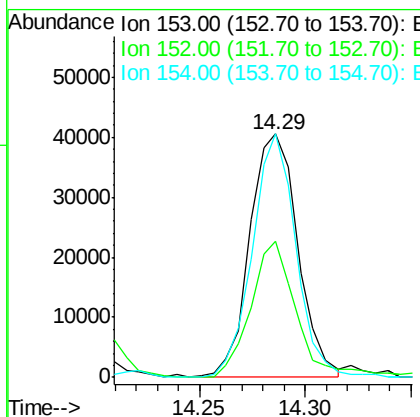
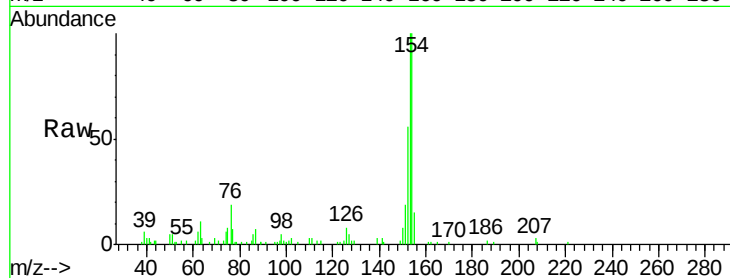
ClientSampled :

F6B19DL

Tot Ion:	153	Resp:	64157
Ion Ratio	Lower	Upper	
153	100		
152	56.1	37.6	56.4
154	99.8	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 7.102 ng/ul

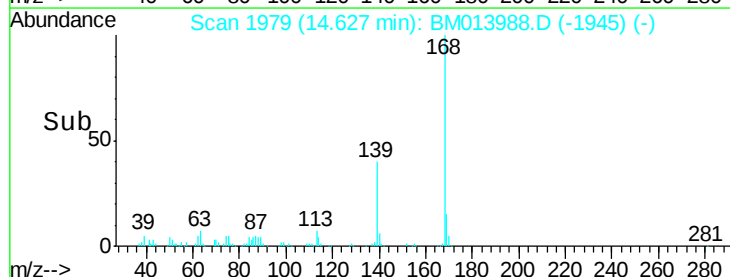
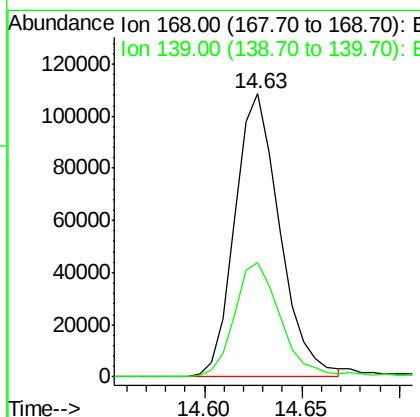
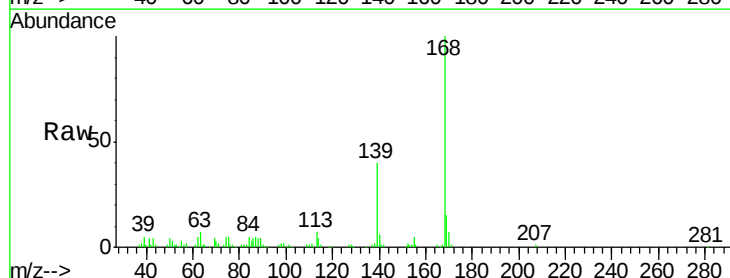
RT: 14.63 min Scan# 1979

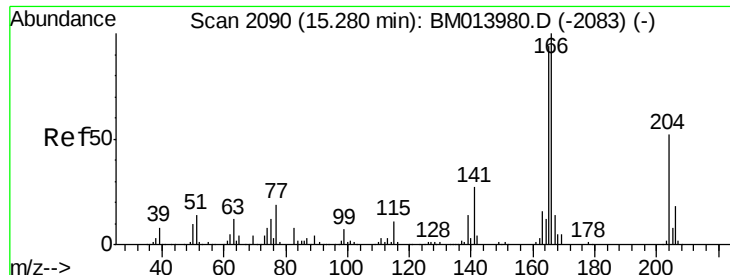
Delta R.T. 0.00 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Tgt Ion:	168	Resp:	173363
Ion Ratio	Lower	Upper	
168	100		
139	40.4	30.8	46.2





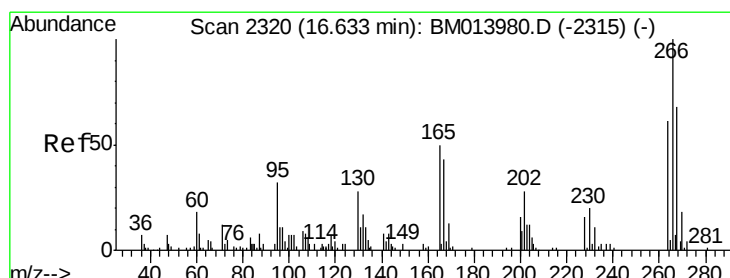
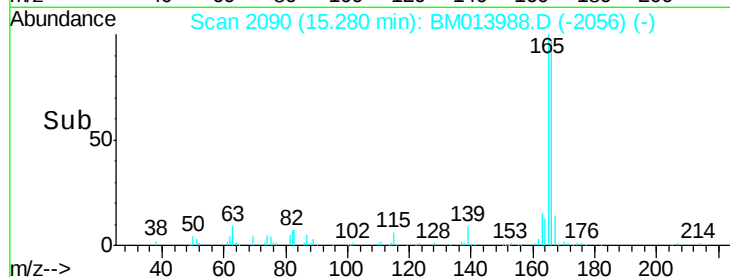
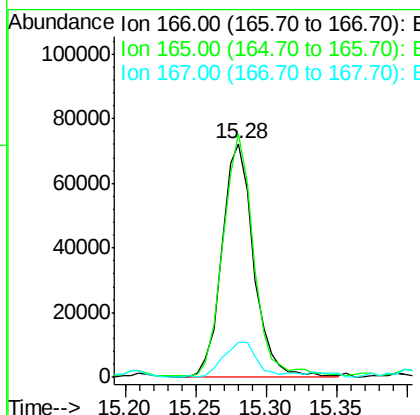
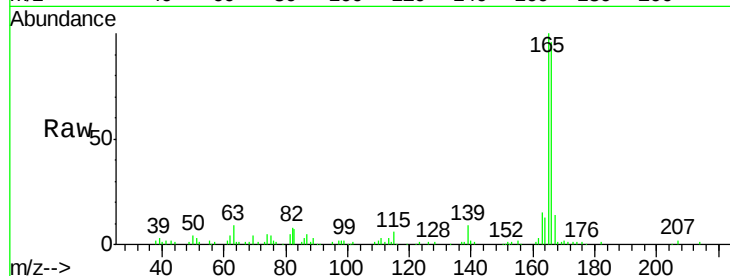
#58
 Fluorene
 Concen: 5.668 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BM013988.D
 Acq: 30 Jan 2018 09:15

Instrument :
 BNA_M
 ClientSampleID :
 F6B19DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.3	77.9	116.9
167	14.8	10.6	16.0

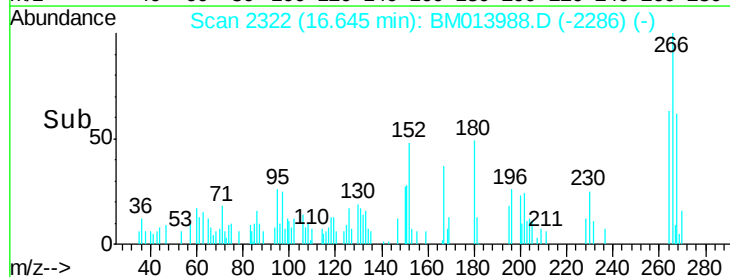
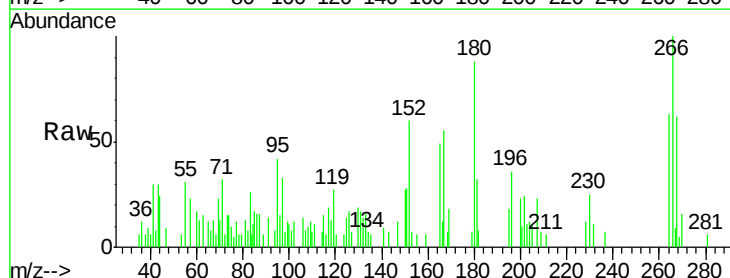
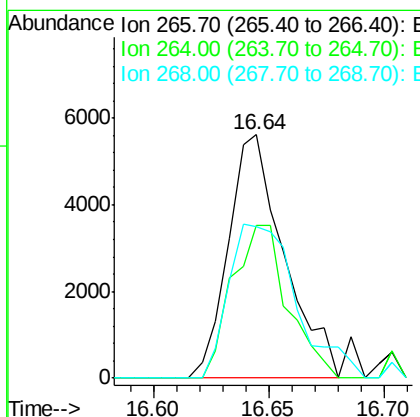
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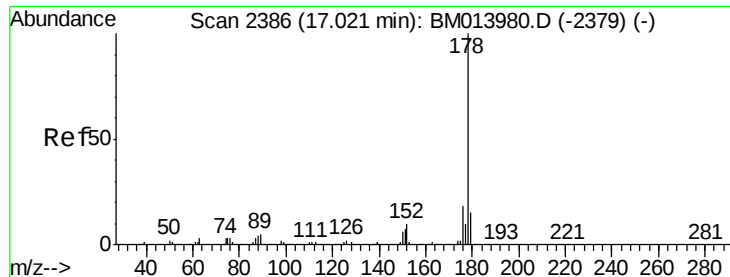
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#68
 Pentachlorophenol
 Concen: 2.250 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM013988.D
 Acq: 30 Jan 2018 09:15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	62.4	52.6	78.8





#69

Phenanthrene

Concen: 26.278 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Instrument :

BNA_M

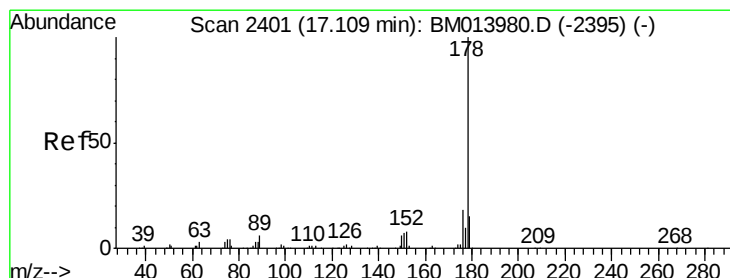
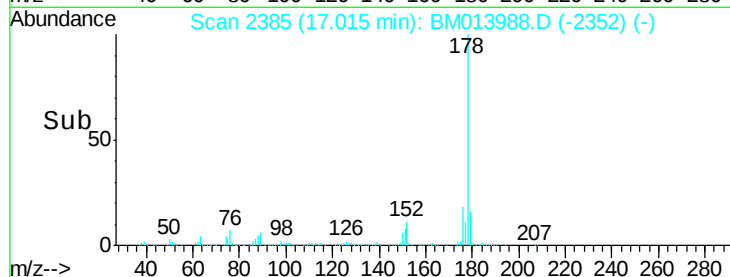
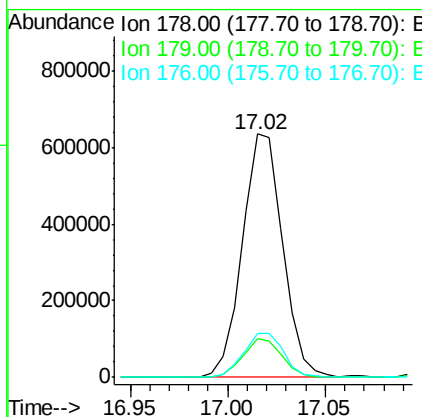
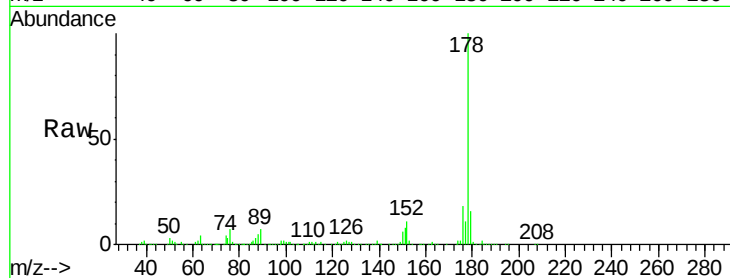
ClientSampleId :

F6B19DL

Tot Ion:	178	Resp:	908694
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	17.9	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 2.751 ng/ul

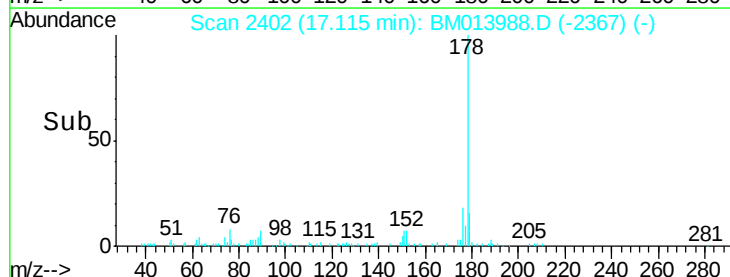
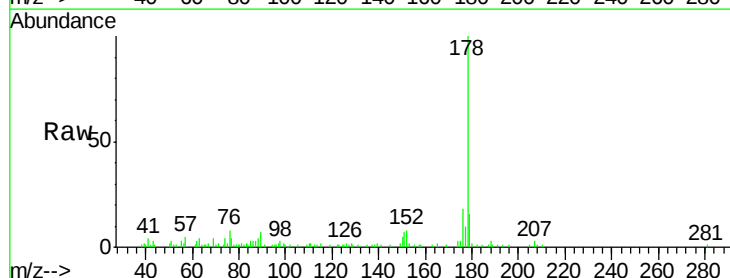
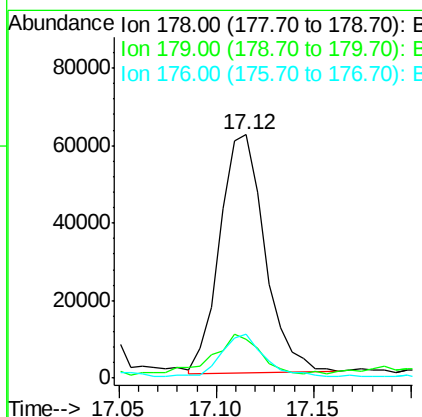
RT: 17.12 min Scan# 2402

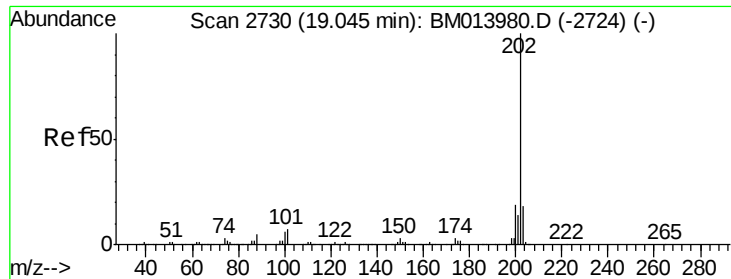
Delta R.T. 0.01 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Tgt Ion:	178	Resp:	98129
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.7	17.5
176	17.9	14.6	21.8





#74

Fluoranthene

Concen: 17.090 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Instrument :

BNA_M

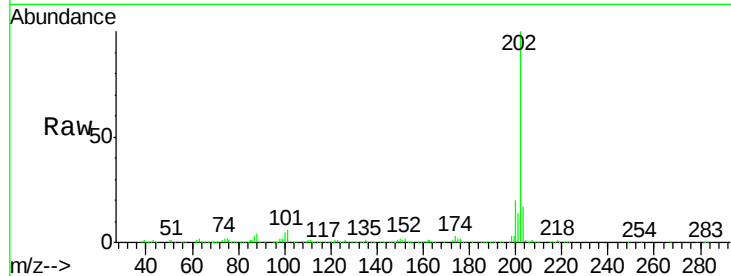
ClientSampleId :

F6B19DL

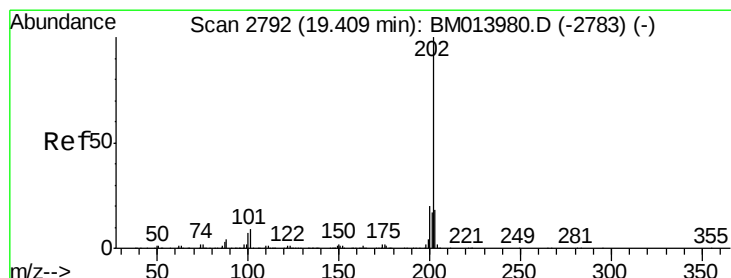
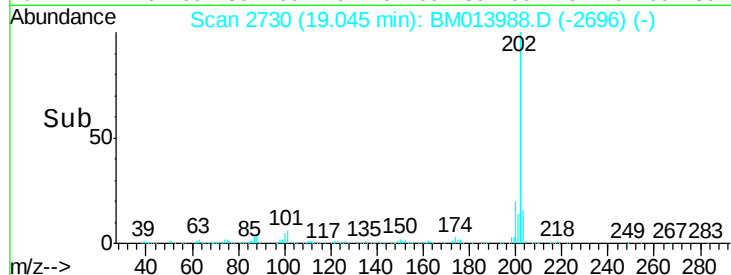
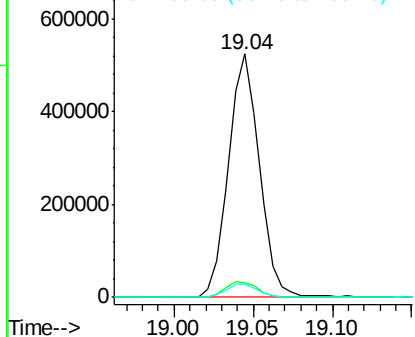
Tot Ion:	202	Resp:	705443
Ion Ratio	Lower	Upper	
202	100		
101	6.0	4.6	7.0
100	5.3	3.4	5.2#

Manual Integrations
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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: 9.411 ng/ul

RT: 19.41 min Scan# 2792

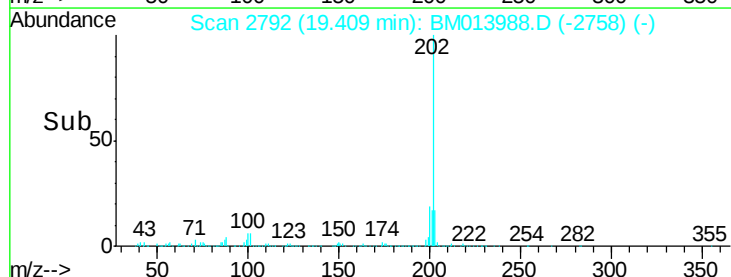
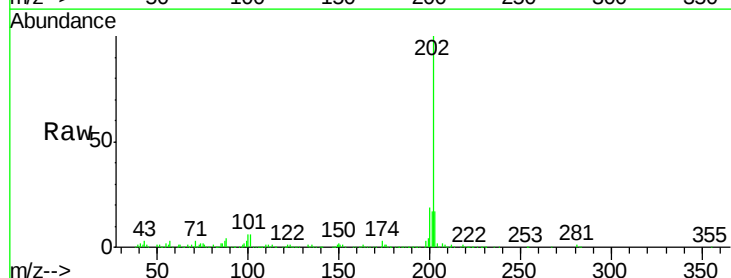
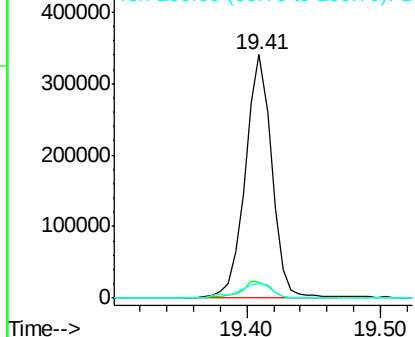
Delta R.T. 0.00 min

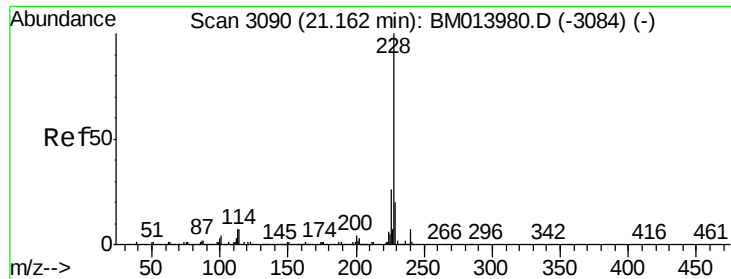
Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Tgt Ion:	202	Resp:	464666
Ion Ratio	Lower	Upper	
202	100		
101	6.3	5.1	7.7
100	5.8	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: 2.493 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Instrument :

BNA_M

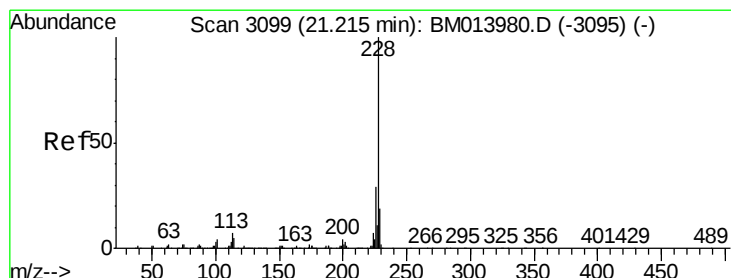
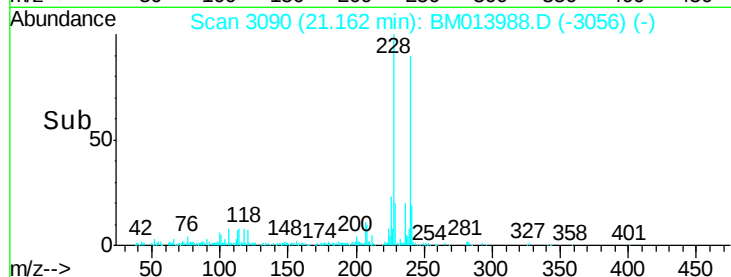
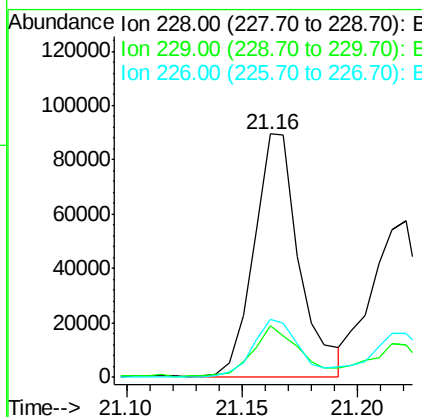
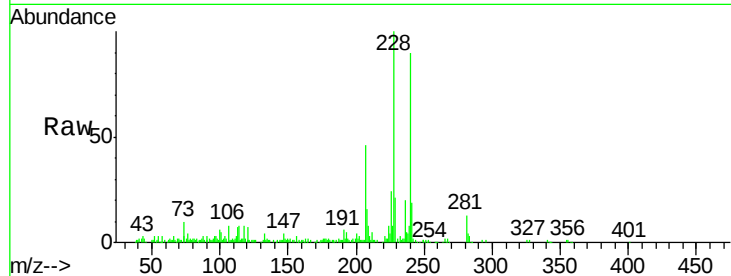
ClientSampleId :

F6B19DL

Tot Ion:	228	Resp:	122341
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.4	23.0
226	24.0	21.4	32.0

Manual Integrations
APPROVED

Sohil
1/30/2018 3:35:02 PM



#82

Chrysene

Concen: 1.987 ng/ul

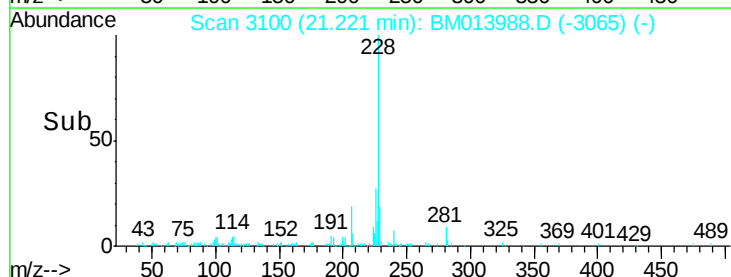
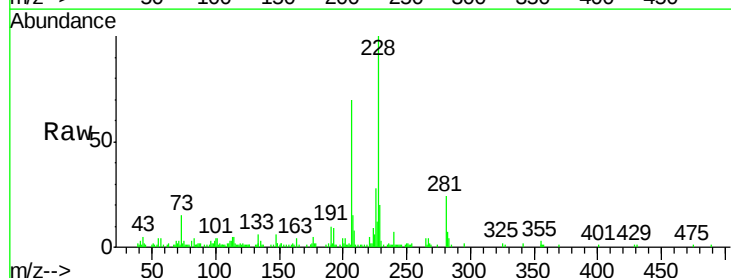
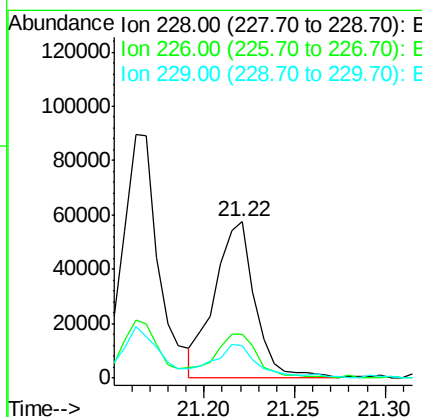
RT: 21.22 min Scan# 3100

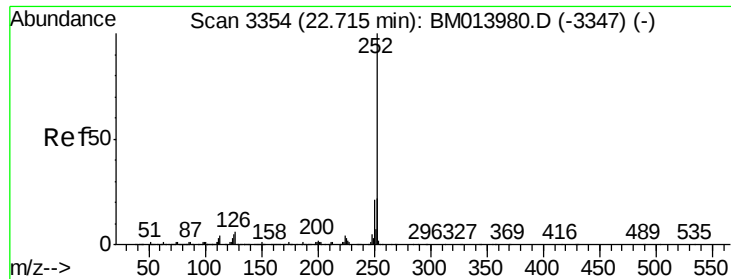
Delta R.T. 0.01 min

Lab File: BM013988.D

Acq: 30 Jan 2018 09:15

Tgt Ion:	228	Resp:	89482
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.4	35.2
229	20.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.343 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM013988.D

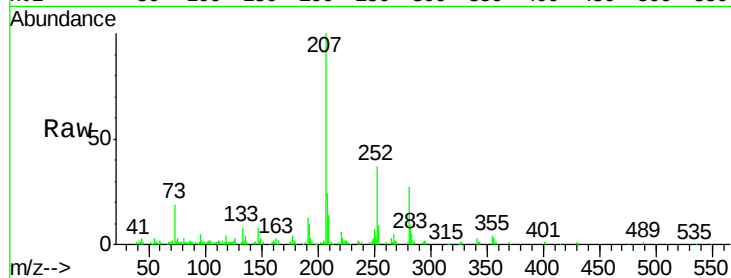
Acq: 30 Jan 2018 09:15

Instrument :

BNA_M

ClientSampleId :

F6B19DL



Tot Ion:	252	Resp:	66656
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.9	26.9
125	9.6	3.6	5.4

Manual Integrations
APPROVED

Sohil
1/30/2018 3:35:02 PM

