

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014097.D
 Acq On : 02 Feb 2018 05:20
 Operator : SJ/JU
 Sample : J1315-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C83

Manual Integrations
 APPROVED

Sohil
 2/2/2018 4:39:59 PM

Quant Time: Feb 02 06:32:28 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 03:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	130270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	569519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1547637	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.97	188	900954	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	964009	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	939614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12775	4.50	ng/uL	0.00
5) Phenol-d5	6.75	99	260537	26.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	187105	31.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	234369	30.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	98933	12.07	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	128093	31.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	146334	32.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	243934	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	156991	18.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1102383	8.58	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1242899	7.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	115320	6.52	ng/ul	0.00
57) Fluorene-d10	15.22	176	917138	7.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	141897	25.65	ng/ul	0.00
70) Anthracene-d10	17.07	188	1505741	34.42	ng/ul	0.00
76) Pyrene-d10	19.37	212	1730033	37.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1636090	35.48	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	13.68	163	180488	1.458	ng/ul	97
49) Acenaphthene	14.28	153	217791	2.147	ng/ul	96
53) Dibenzofuran	14.62	168	304113	1.969	ng/ul	100
58) Fluorene	15.27	166	283728	2.203	ng/ul#	80
68) Pentachlorophenol	16.64	266	12254m	2.077	ng/ul	
71) Anthracene	17.10	178	198347	3.865	ng/ul#	76
74) Fluoranthene	19.04	202	678683	10.769	ng/ul	98
77) Pyrene	19.40	202	521901	9.073	ng/ul#	97
80) Benzo(a)anthracene	21.16	228	106979	1.781	ng/ul#	88
82) Chrysene	21.21	228	90173	1.598	ng/ul#	84

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

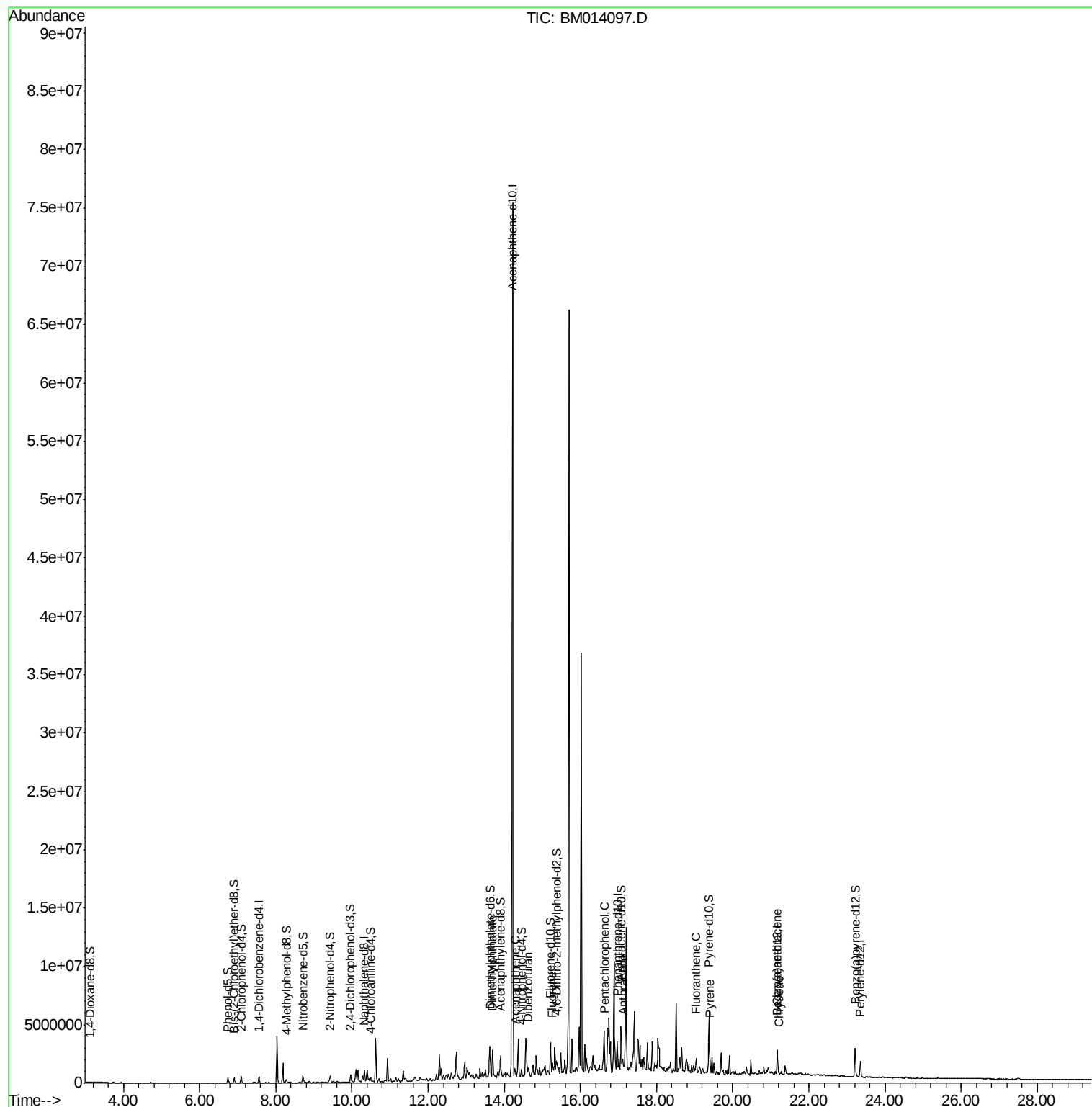
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
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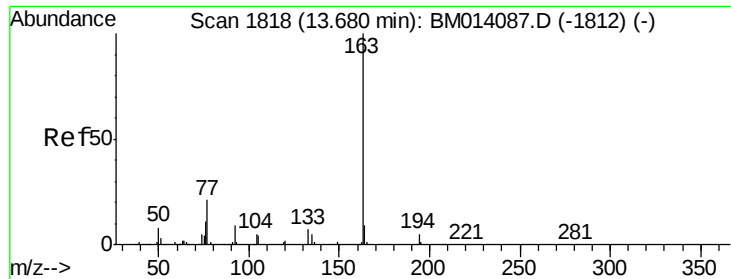
Instrument :
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Quant Title : SVOA CALIBRATION
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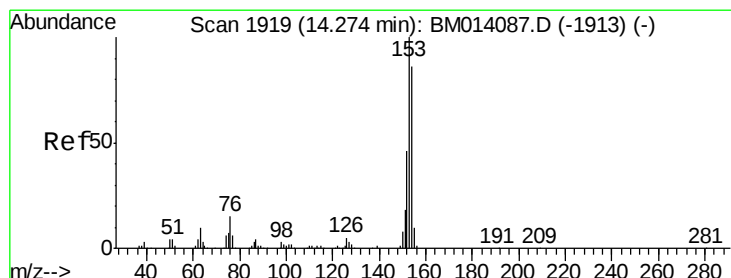
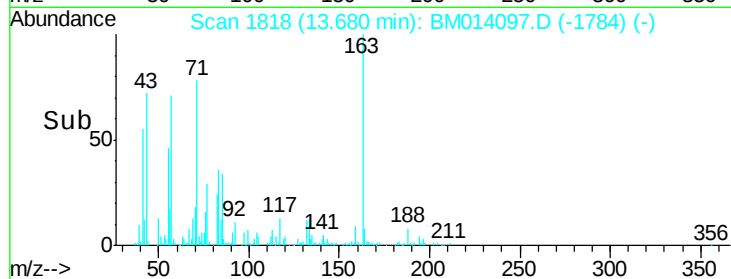
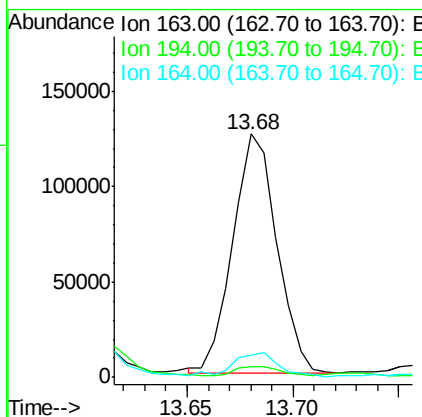
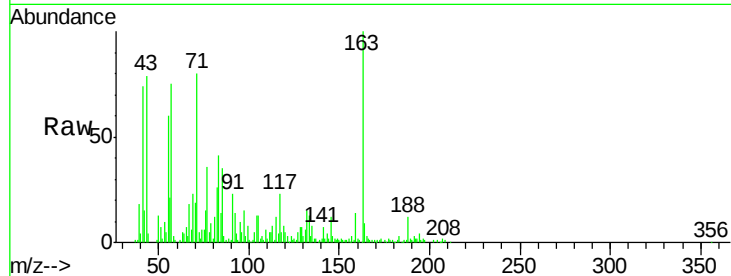
#44
Dimethylphthalate
Concen: 1.458 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Instrument :
BNA_M
ClientSampleId :
F6C83

Tot Ion	Ratio	Resp	Lower	Upper
163	100	180488		
194	4.3		3.5	5.3
164	9.0		8.2	12.4

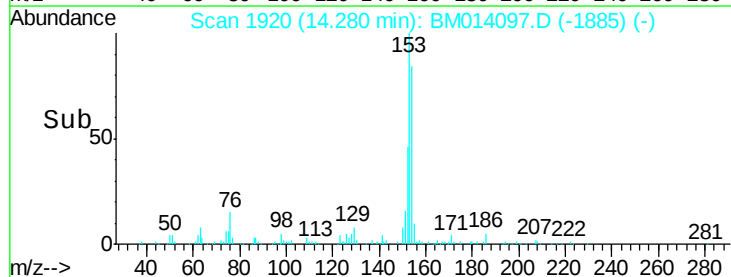
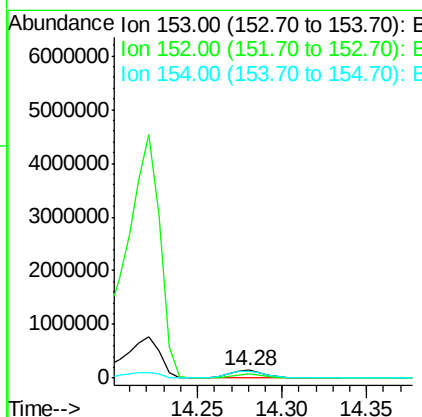
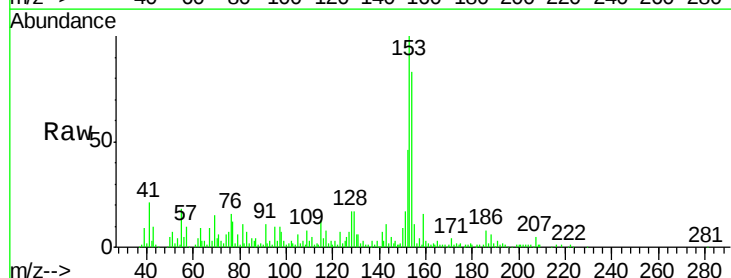
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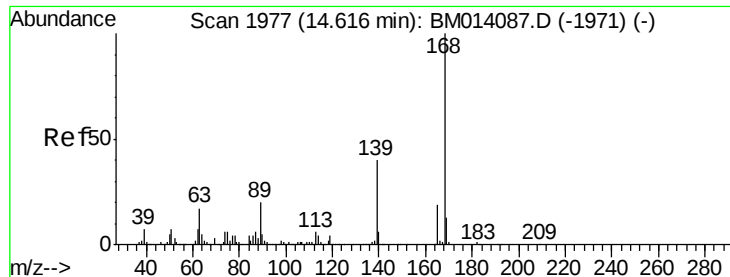
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#49
Acenaphthene
Concen: 2.147 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	217791		
152	46.1		37.6	56.4
154	83.2		70.4	105.6





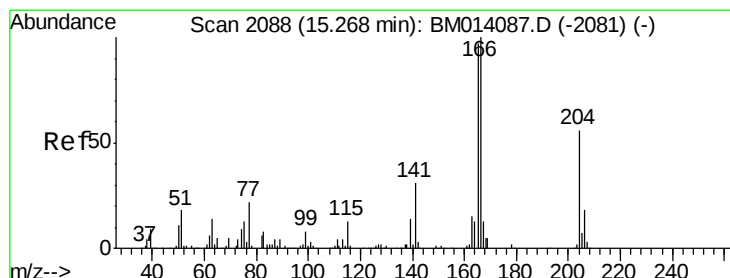
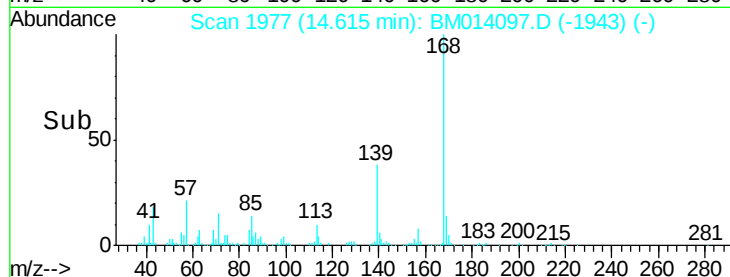
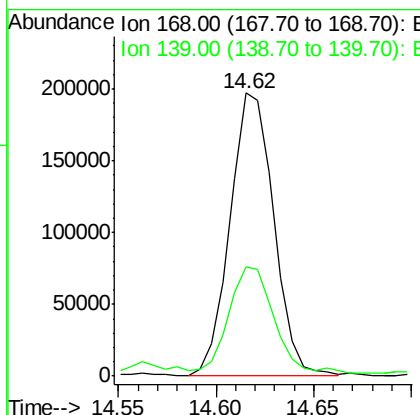
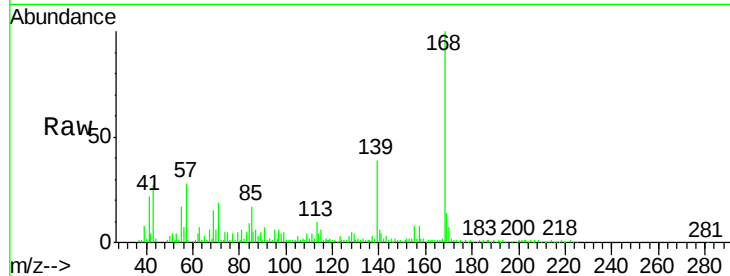
#53
Dibenzenofuran
Concen: 1.969 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Instrument :
BNA_M
ClientSampleId :
F6C83

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.8	46.2

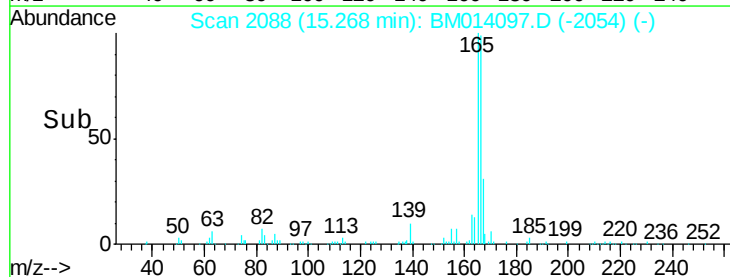
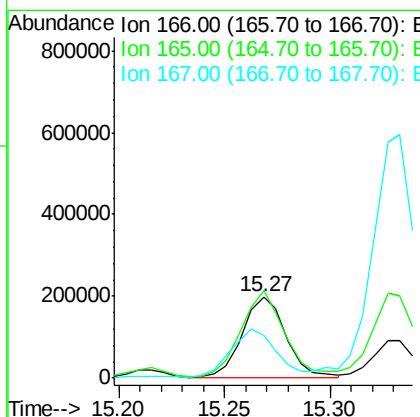
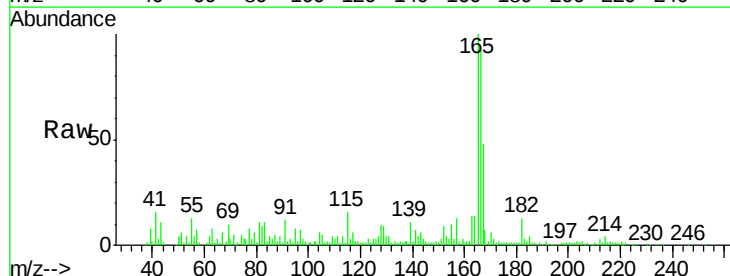
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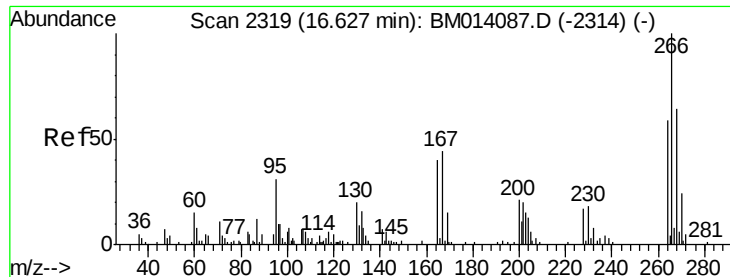
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#58
Fluorene
Concen: 2.203 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM014097.D
Acq: 02 Feb 2018 05:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.0	77.9	116.9
167	51.8	10.6	16.0





#68

Pentachlorophenol

Concen: 2.077 ng/ul m

RT: 16.64 min Scan# 2321

Delta R.T. 0.01 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

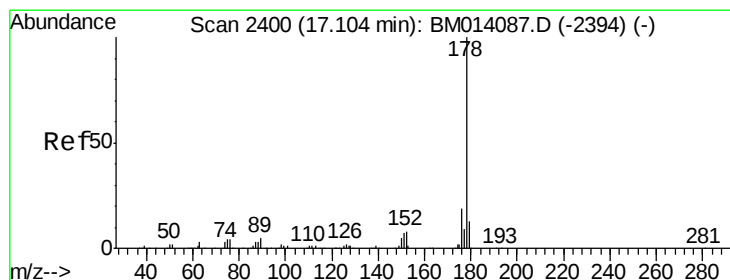
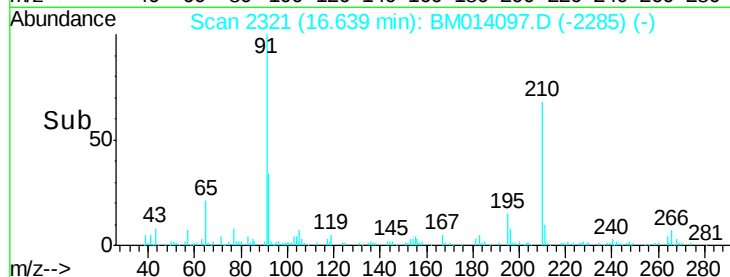
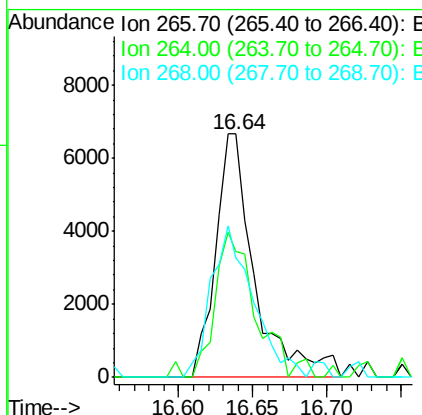
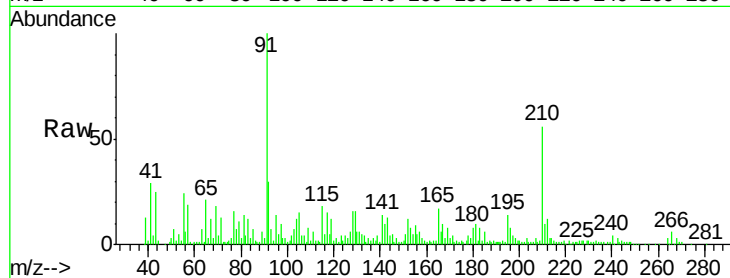
ClientSampled :

F6C83

Tot Ion:	266	Resp:	12254
Ion Ratio	Lower	Upper	
266	100		
264	51.5	49.3	73.9
268	49.3	52.6	78.8#

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#71

Anthracene

Concen: 3.865 ng/ul

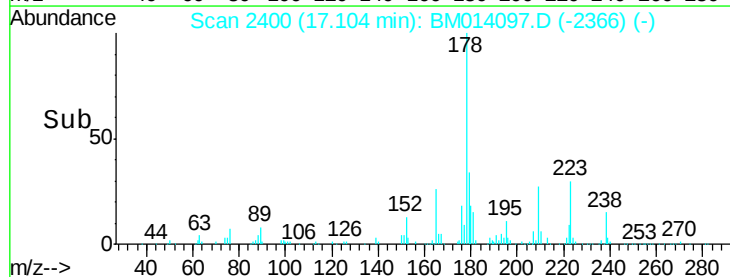
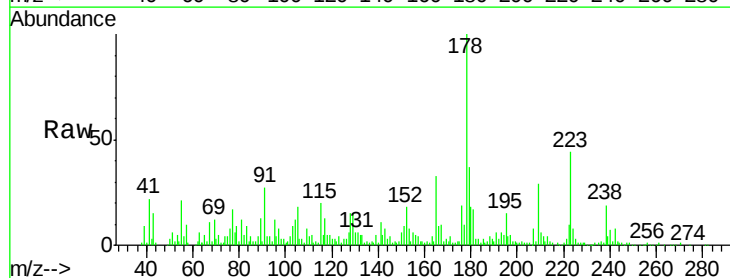
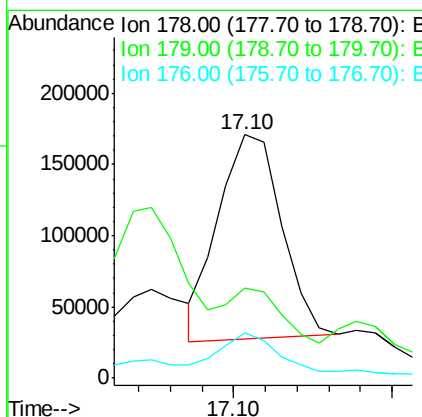
RT: 17.10 min Scan# 2400

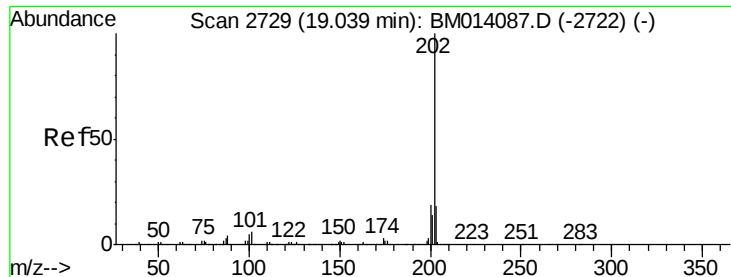
Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Tgt Ion:	178	Resp:	198347
Ion Ratio	Lower	Upper	
178	100		
179	36.8	11.7	17.5#
176	18.6	14.6	21.8





#74

Fluoranthene

Concen: 10.769 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

BNA_M

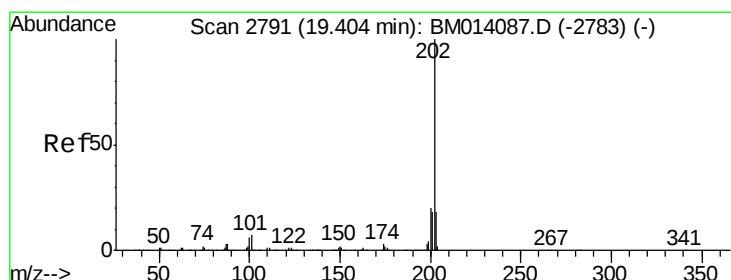
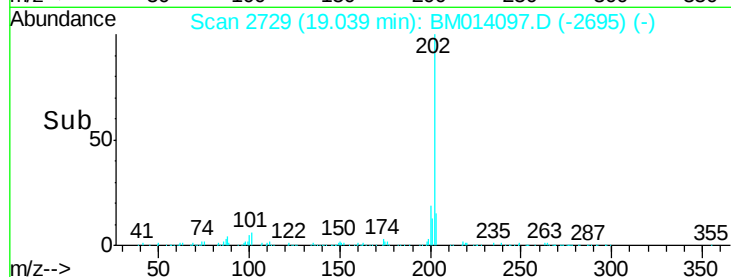
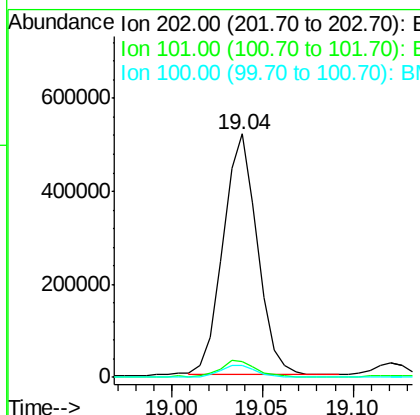
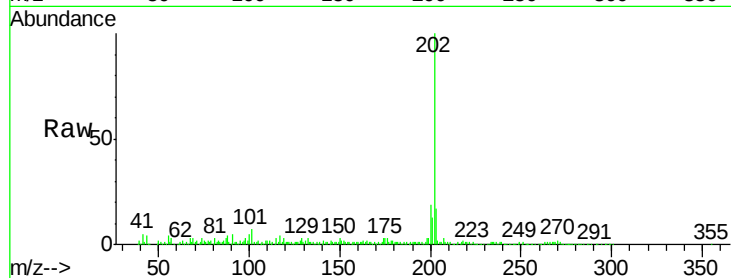
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		678683		
101	6.6	4.6	7.0		
100	5.0	3.4	5.2		

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#77

Pyrene

Concen: 9.073 ng/ul

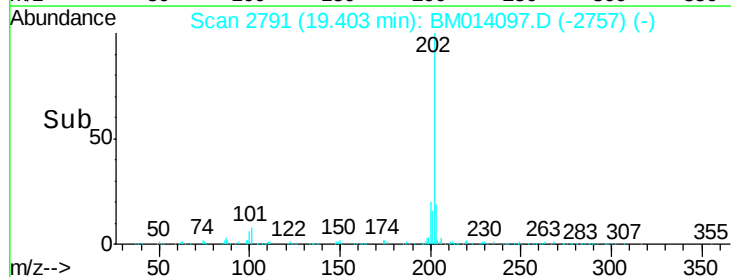
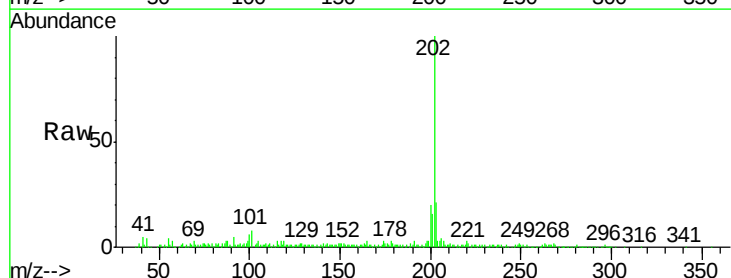
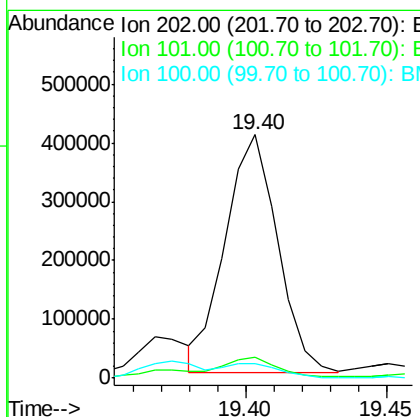
RT: 19.40 min Scan# 2791

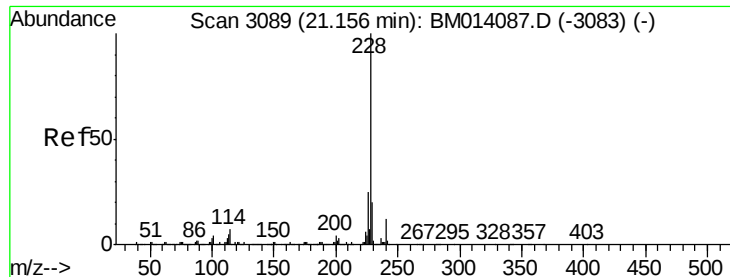
Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		521901		
101	8.4	5.1	7.7#		
100	5.8	4.9	7.3		





#80

Benzo(a)anthracene

Concen: 1.781 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Instrument :

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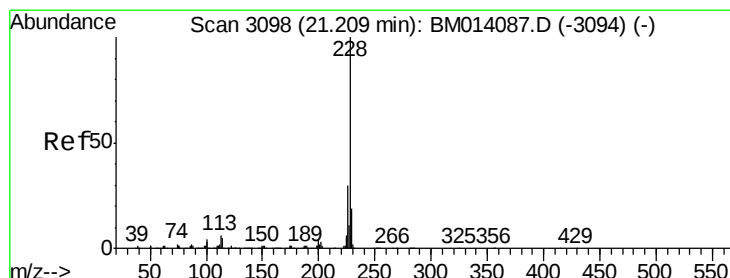
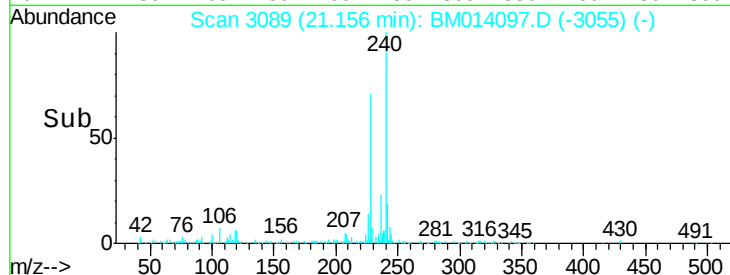
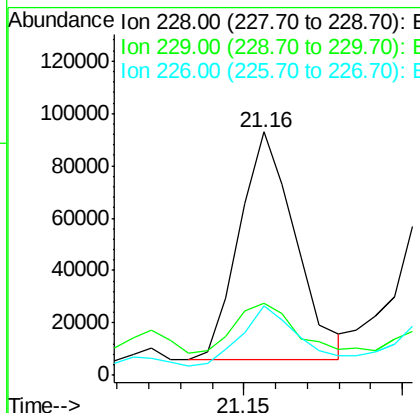
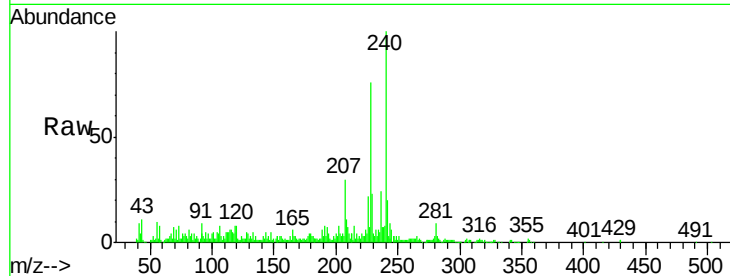
ClientSampleId :

F6C83

Tot Ion:	228	Resp:	106979
Ion Ratio	Lower	Upper	
228	100		
229	29.5	15.4	23.0#
226	28.8	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 1.598 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM014097.D

Acq: 02 Feb 2018 05:20

Tgt Ion:	228	Resp:	90173
Ion Ratio	Lower	Upper	
228	100		
226	35.7	23.4	35.2#
229	29.2	15.5	23.3#

