

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013729.D
 Acq On : 23 Jan 2018 12:46
 Operator : SJ/JU
 Sample : J1174-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A48

Manual Integrations
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Quant Time: Jan 23 15:19:07 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 23 06:05:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	208263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	779625	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	460270	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	926296	20.00	ng/ul	0.01
75) Chrysene-d12	21.23	240	1007520	20.00	ng/ul	0.02
83) Perylene-d12	23.43	264	982915	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	12757	2.42	ng/uL	0.00
5) Phenol-d5	6.79	99	334276	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	196593	20.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	272919	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	276666	22.51	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	142664	23.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	147844	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	263435	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	202997	18.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	777028	20.48	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	994010	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	109668	17.79	ng/ul	0.01
57) Fluorene-d10	15.27	176	686332	20.57	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	80657	14.47	ng/ul	0.02
70) Anthracene-d10	17.13	188	1017884	22.56	ng/ul	0.02
76) Pyrene-d10	19.43	212	1156334	24.65	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.30	264	1090590	24.14	ng/ul	0.03
Target Compounds						
6) Phenol	6.82	94	38117	2.377	ng/ul	92
34) 2-Methylnaphthalene	12.06	142	3075283	106.346	ng/ul	93
44) Dimethylphthalate	13.73	163	189806	5.089	ng/ul#	98
49) Acenaphthene	14.34	153	5779211	188.533	ng/ul	98
53) Dibenzofuran	14.67	168	1935615	41.974	ng/ul	96
58) Fluorene	15.33	166	6122571	162.081	ng/ul	98
68) Pentachlorophenol	16.69	266	34100	5.449	ng/ul	94
69) Phenanthrene	17.07	178	22200608m	431.172	ng/ul	
71) Anthracene	17.17	178	5158164	97.125	ng/ul	98
74) Fluoranthene	19.10	202	20405760m	332.009	ng/ul	
77) Pyrene	19.47	202	17453630	284.957	ng/ul#	79
80) Benzo(a)anthracene	21.22	228	3485177	57.247	ng/ul	98
82) Chrysene	21.27	228	3926519	70.305	ng/ul	98
85) Benzo(b)fluoranthene	22.78	252	2291726	37.966	ng/ul#	95
86) Benzo(k)fluoranthene	22.82	252	746977	12.803	ng/ul#	90
88) Benzo(a)pyrene	23.34	252	903941	15.852	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	25.64	276	336510	4.999	ng/ul#	95
91) Benzo(g,h,i)perylene	26.32	276	272314	4.915	ng/ul#	86

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

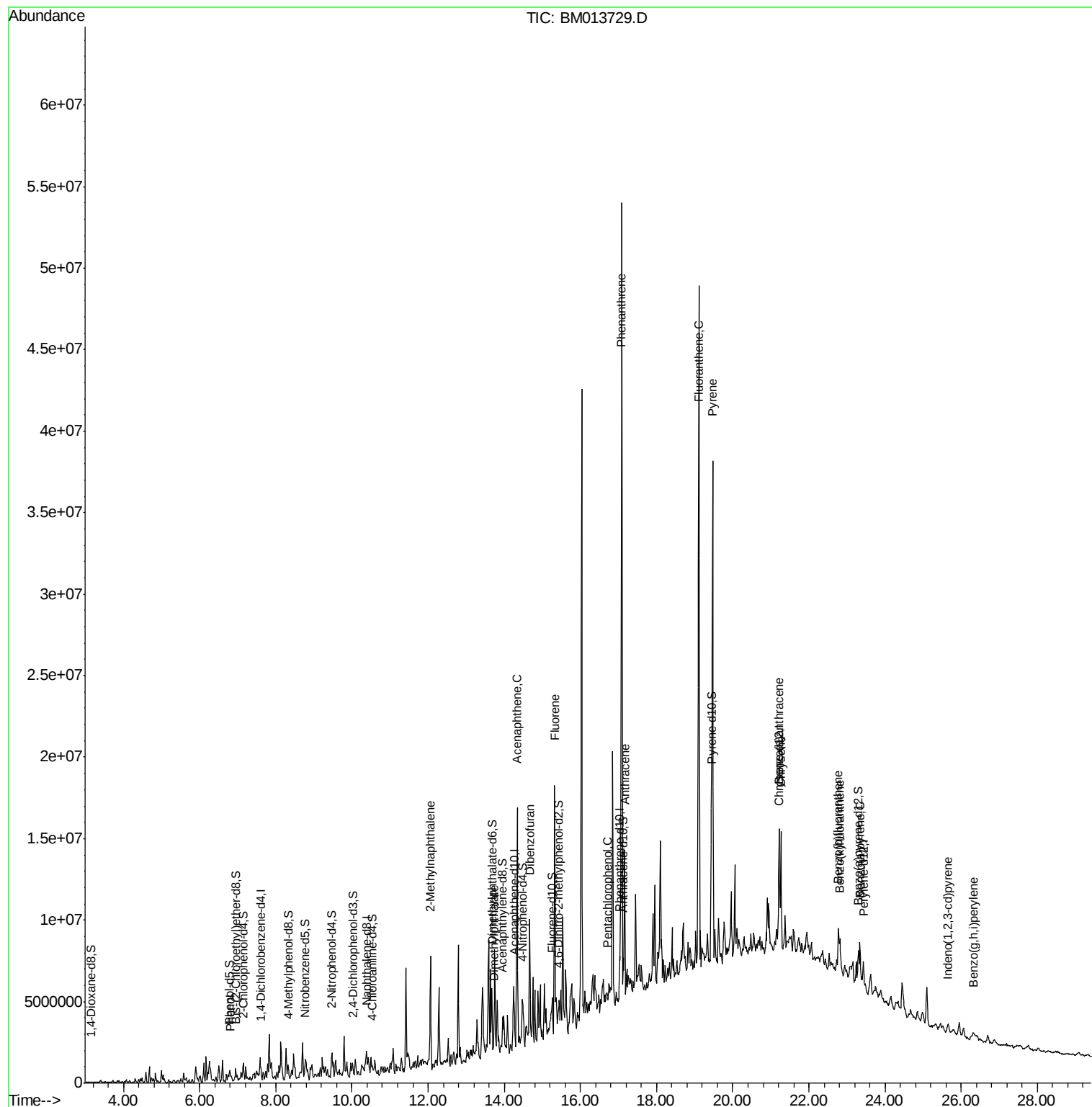
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013729.D
Acq On : 23 Jan 2018 12:46
Operator : SJ/JU
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Misc :
ALS Vial : 45 Sample Multiplier: 1

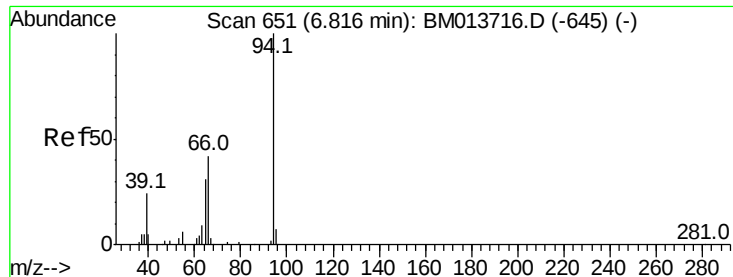
Instrument :
BNA_M
ClientSampleId :
F6A48

Quant Time: Jan 23 15:19:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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#6

Phenol

Concen: 2.377 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Instrument :

BNA_M

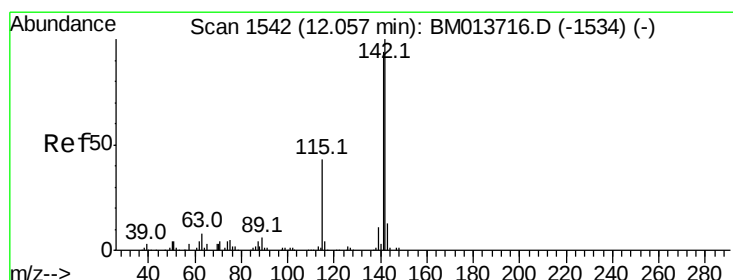
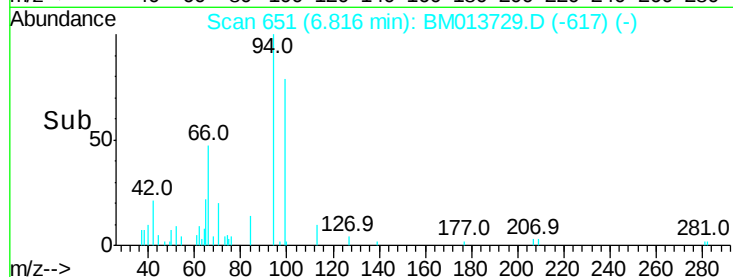
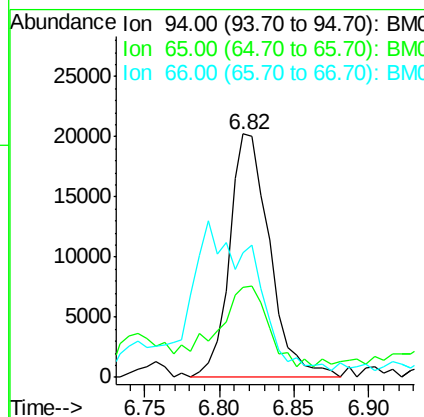
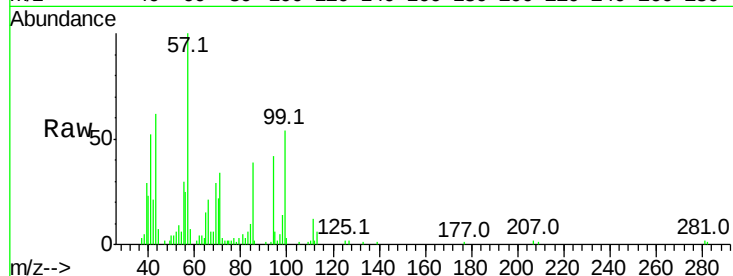
ClientSampled :

F6A48

Tot Ion:	94	Resp:	38117
Ion Ratio	Lower	Upper	
94	100		
65	36.9	28.2	42.4
66	51.1	47.2	70.8

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#34

2-Methylnaphthalene

Concen: 106.346 ng/ul

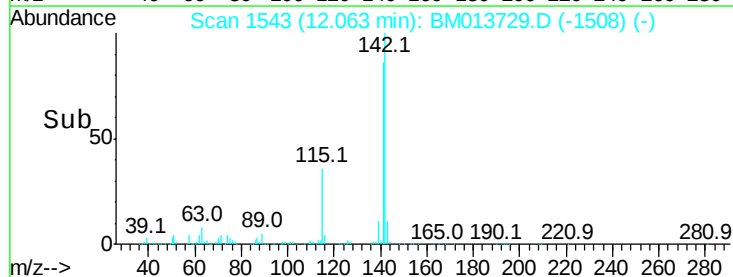
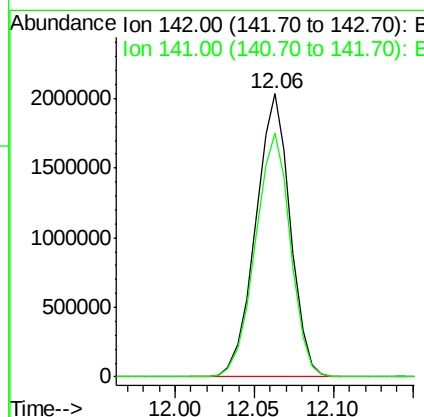
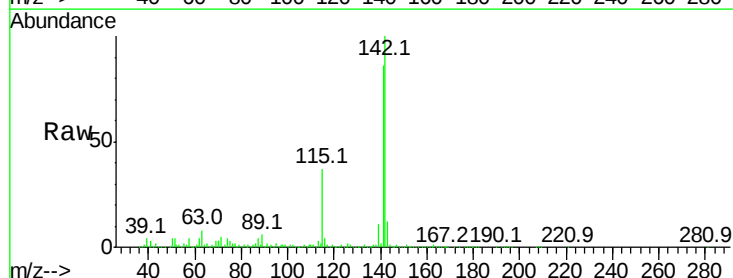
RT: 12.06 min Scan# 1543

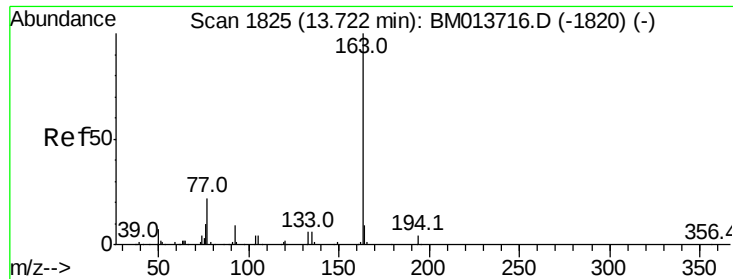
Delta R.T. 0.01 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Tgt Ion:	142	Resp:	3075283
Ion Ratio	Lower	Upper	
142	100		
141	86.0	74.1	111.1





#44

Dimethylphthalate

Concen: 5.089 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Instrument :

BNA_M

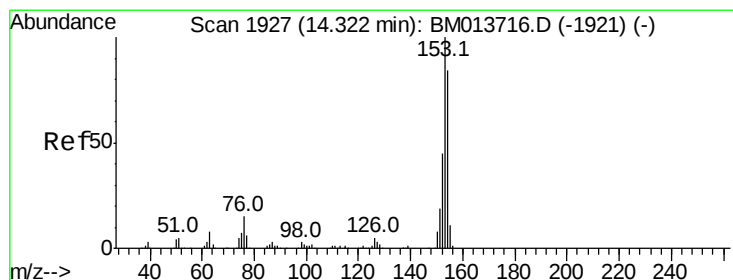
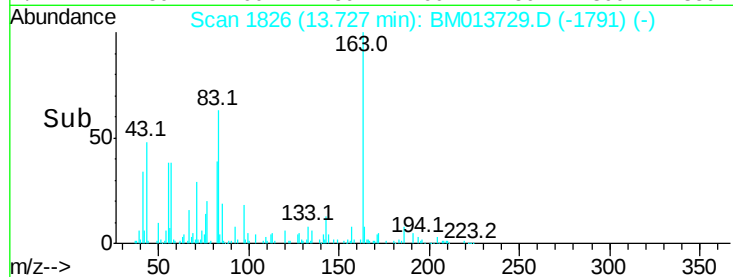
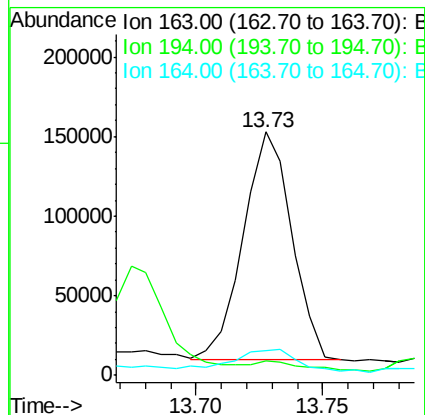
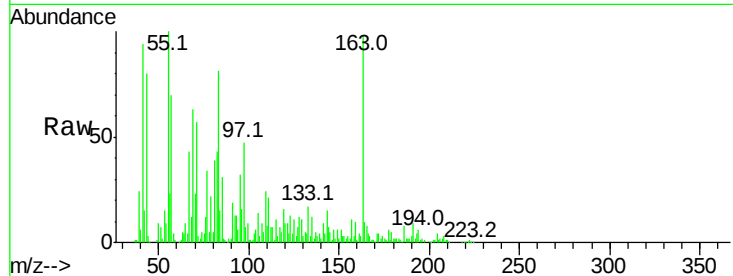
ClientSampleId :

F6A48

Tot Ion:	163	Resp:	189806
Ion Ratio	Lower	Upper	
163	100		
194	6.0	3.5	5.3#
164	10.3	8.2	12.4

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#49

Acenaphthene

Concen: 188.533 ng/ul

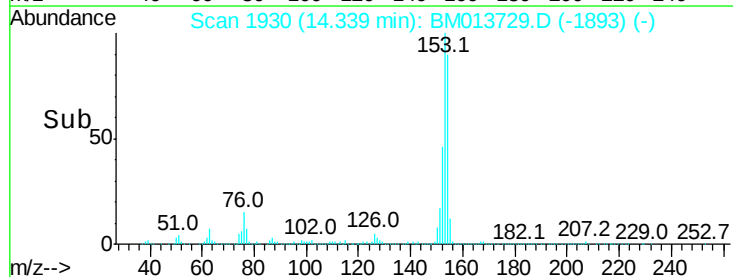
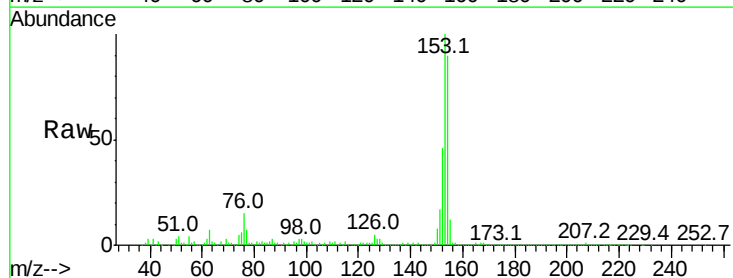
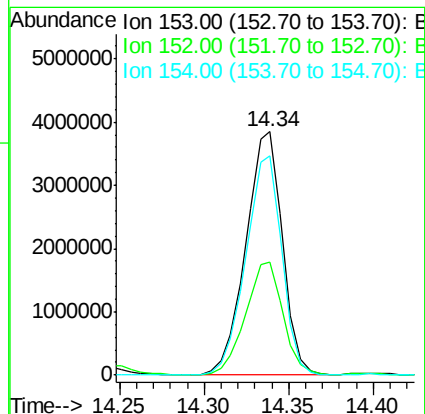
RT: 14.34 min Scan# 1930

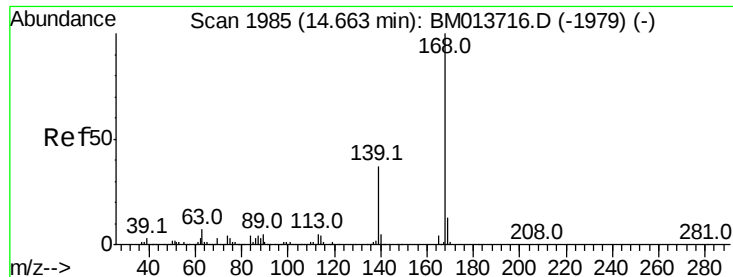
Delta R.T. 0.02 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Tgt Ion:	153	Resp:	5779211
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.6	56.4
154	90.1	70.4	105.6





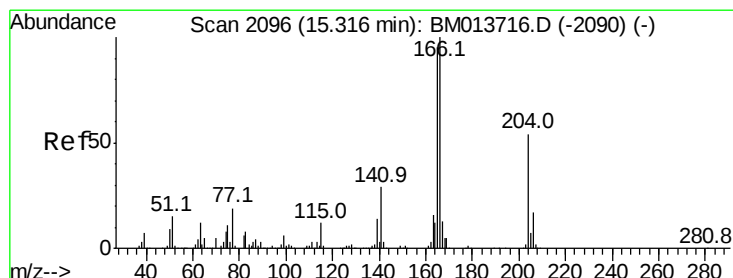
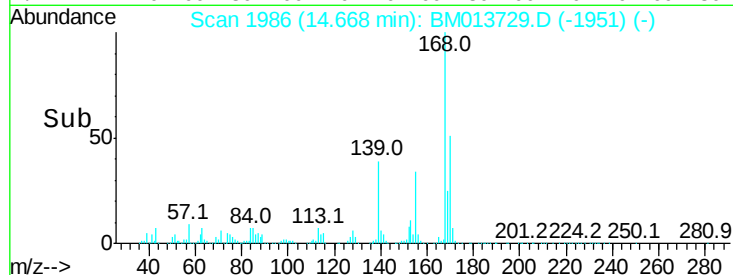
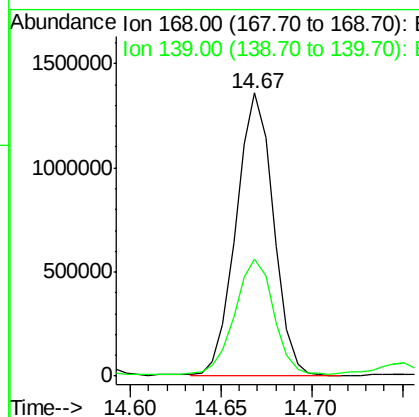
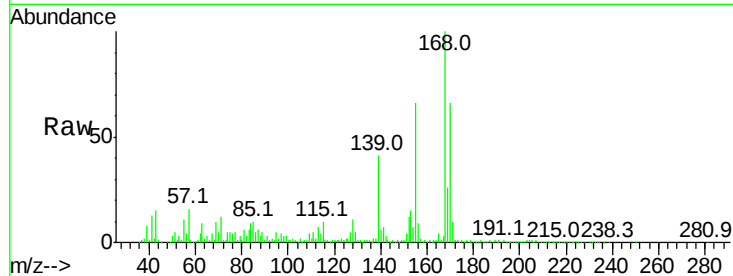
#53
Dibenzenofuran
Concen: 41.974 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Instrument :
BNA_M
ClientSampled :
F6A48

Tot Ion:168 Resp: 1935615
Ion Ratio Lower Upper
168 100
139 41.1 30.8 46.2

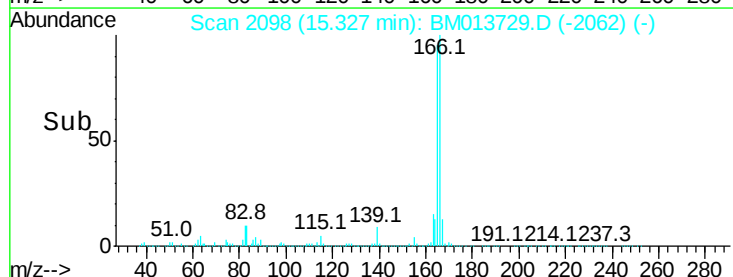
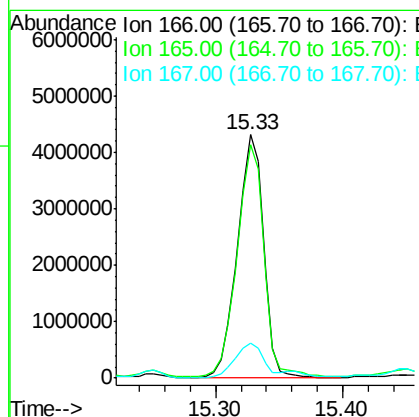
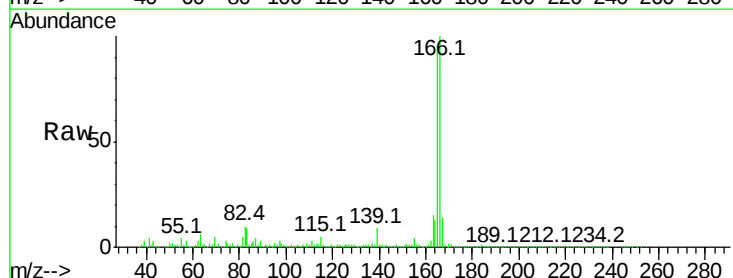
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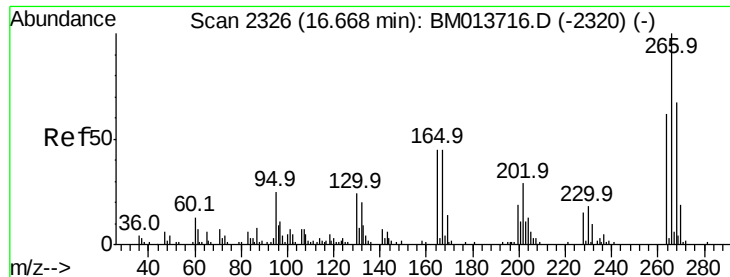
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#58
Fluorene
Concen: 162.081 ng/ul
RT: 15.33 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Tgt Ion:166 Resp: 6122571
Ion Ratio Lower Upper
166 100
165 95.6 77.9 116.9
167 14.4 10.6 16.0





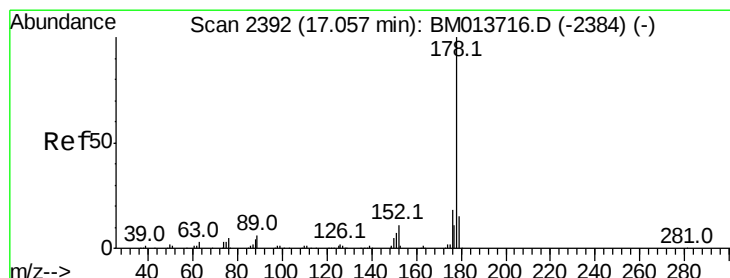
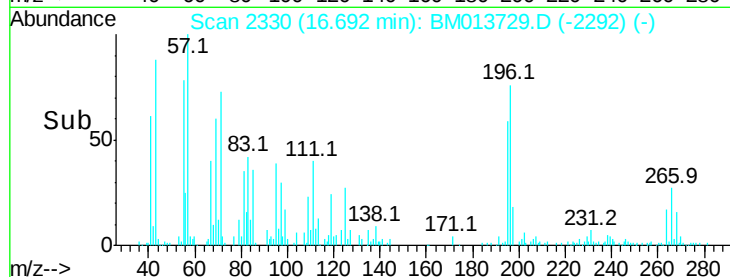
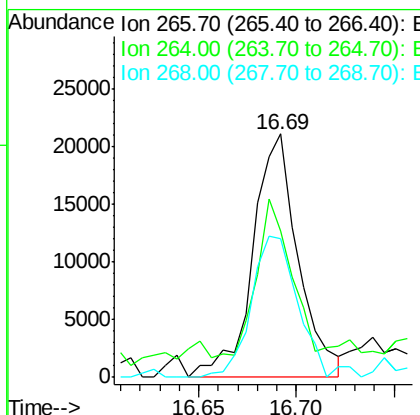
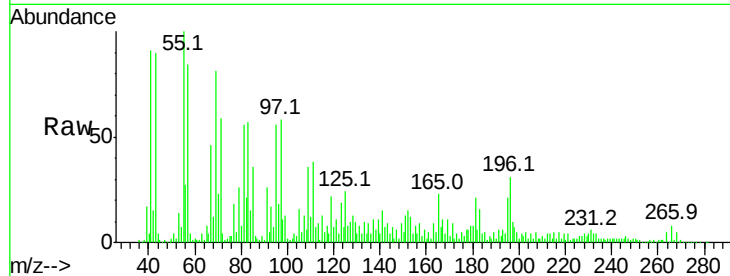
#68
 Pentachlorophenol
 Concen: 5.449 ng/ul
 RT: 16.69 min Scan# 2330
 Delta R.T. 0.02 min
 Lab File: BM013729.D
 Acq: 23 Jan 2018 12:46

Instrument :
 BNA_M
 ClientSampleId :
 F6A48

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.3	73.9
268	57.0	52.6	78.8

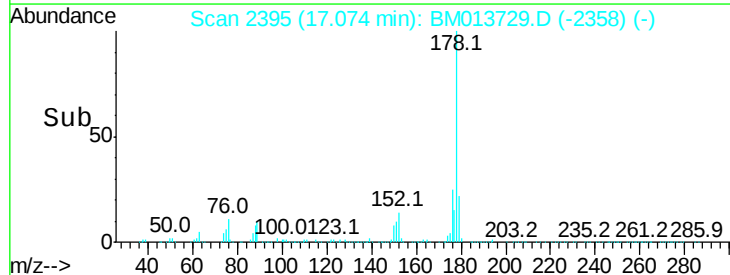
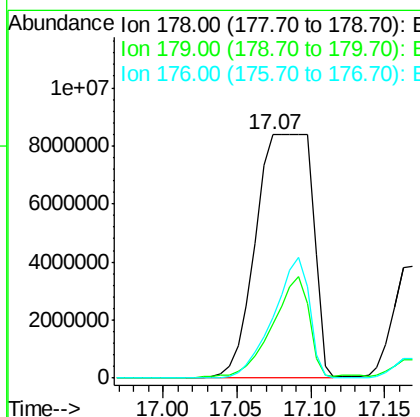
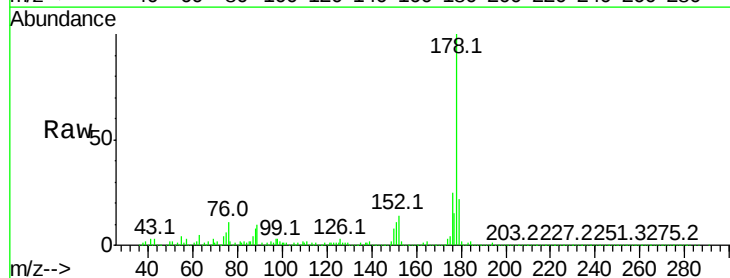
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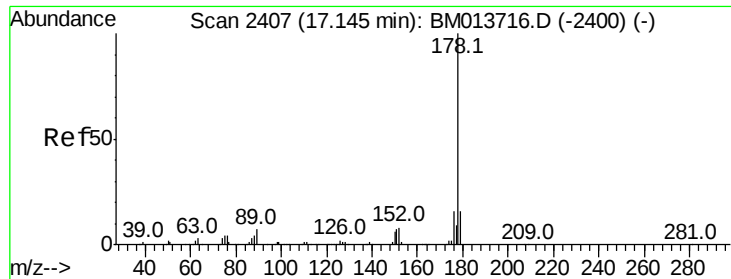
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#69
 Phenanthrene
 Concen: 431.172 ng/ul m
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.02 min
 Lab File: BM013729.D
 Acq: 23 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.6	19.0#
176	25.1	14.9	22.3#





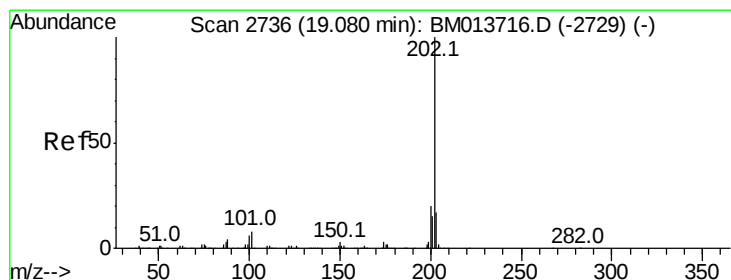
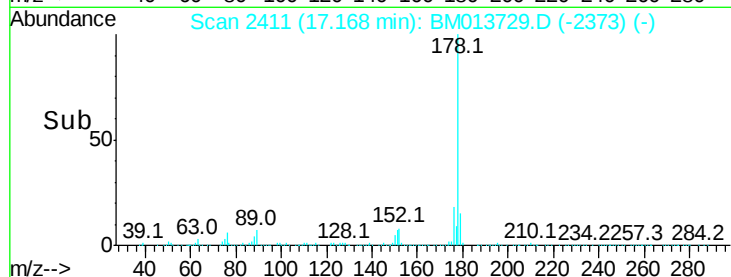
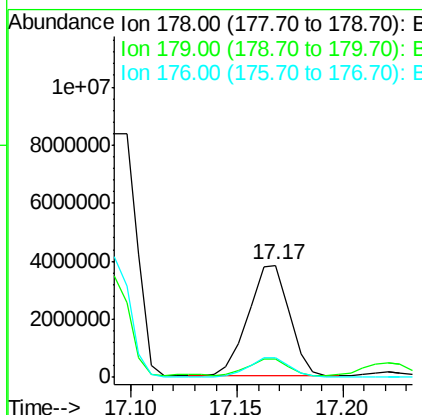
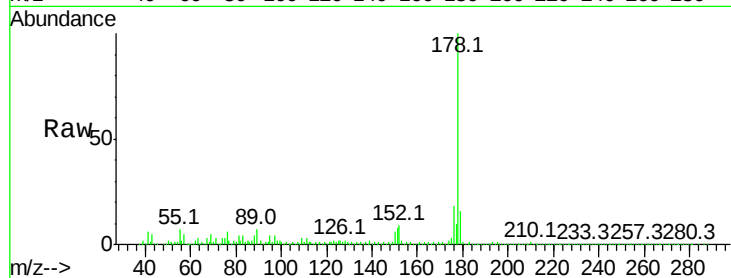
#71
 Anthracene
 Concen: 97.125 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. 0.02 min
 Lab File: BM013729.D
 Acq: 23 Jan 2018 12:46

Instrument :
 BNA_M
 ClientSampleId :
 F6A48

Tot Ion:178 Resp: 5158164
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.7 17.5
 176 18.0 14.6 21.8

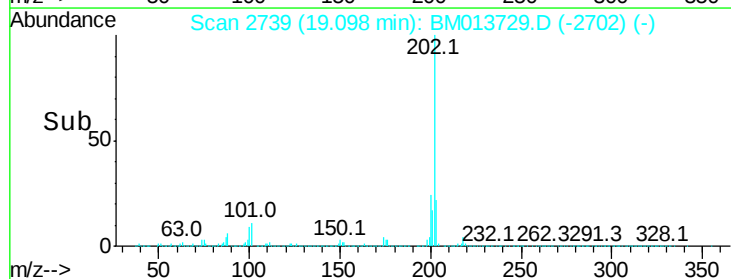
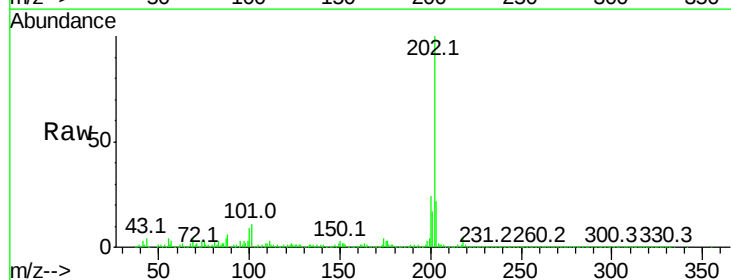
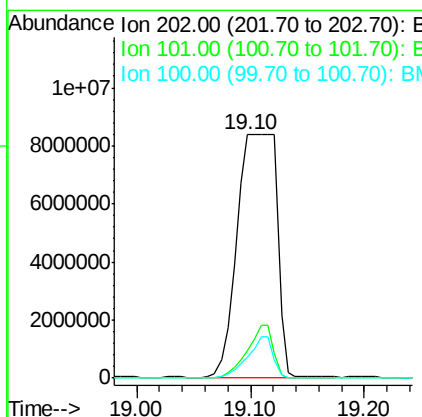
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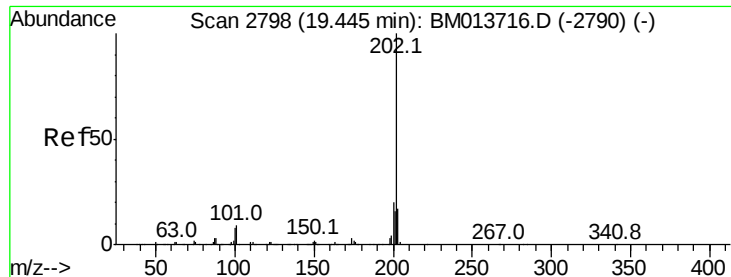
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#74
 Fluoranthene
 Concen: 332.009 ng/ul m
 RT: 19.10 min Scan# 2739
 Delta R.T. 0.02 min
 Lab File: BM013729.D
 Acq: 23 Jan 2018 12:46

Tgt Ion:202 Resp:20405760
 Ion Ratio Lower Upper
 202 100
 101 11.1 4.6 7.0#
 100 8.6 3.4 5.2#





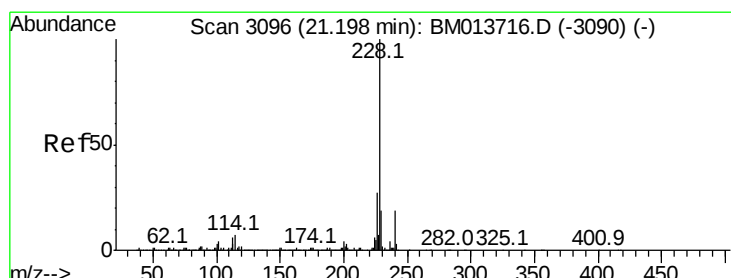
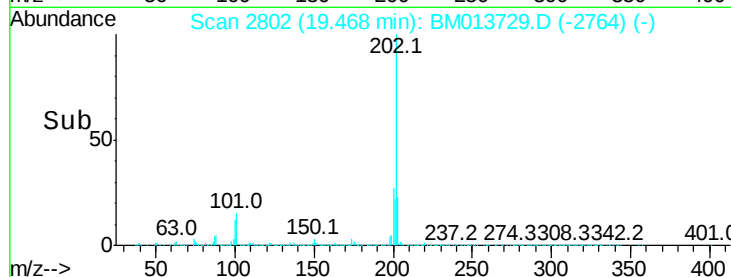
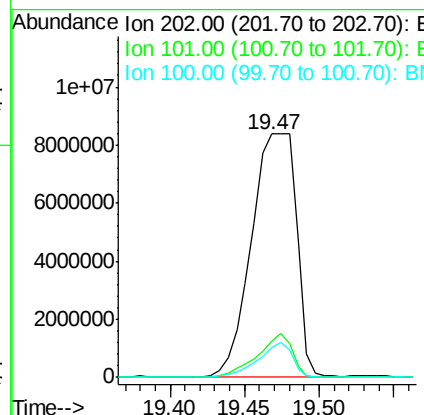
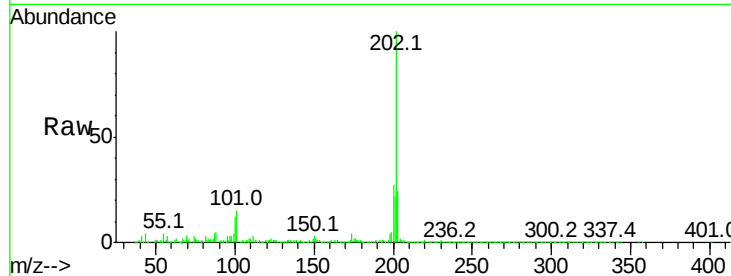
#77
Pvrene
Concen: 284.957 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.02 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:202 Resp:17453630
Ion Ratio Lower Upper
202 100
101 14.7 5.1 7.7#
100 12.1 4.9 7.3#

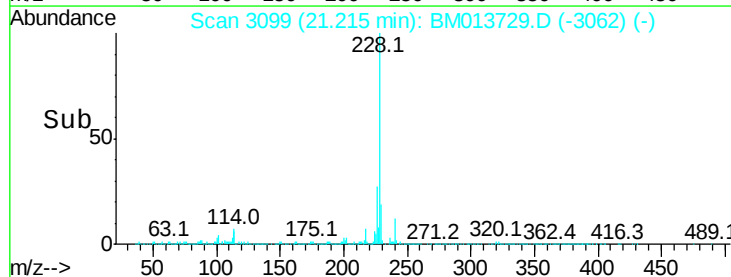
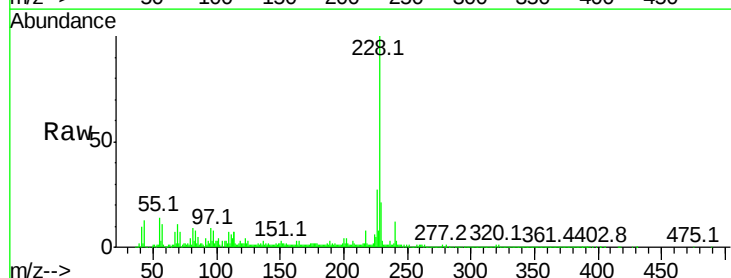
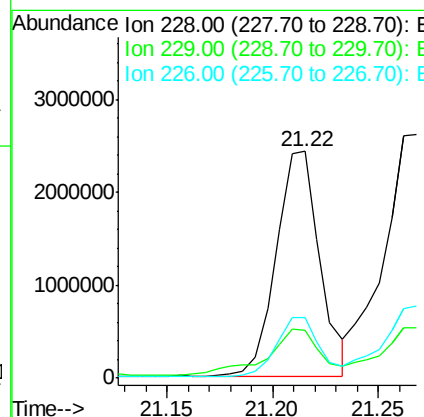
Manual Integrations
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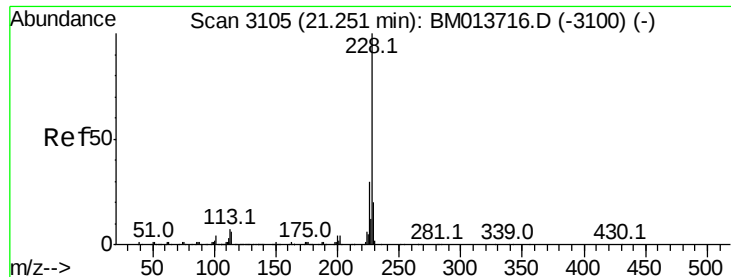
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#80
Benzo(a)anthracene
Concen: 57.247 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Tgt Ion:228 Resp: 3485177
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.0
226 27.0 21.4 32.0





#82

Chrysene

Concen: 70.305 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.02 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Instrument :

BNA_M

ClientSampleId :

F6A48

Tot Ion:228 Resp: 3926519

Ion Ratio Lower Upper

228 100

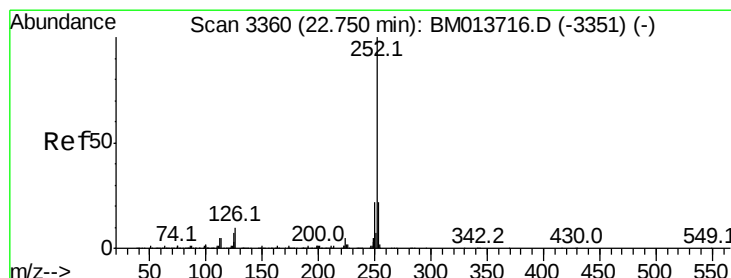
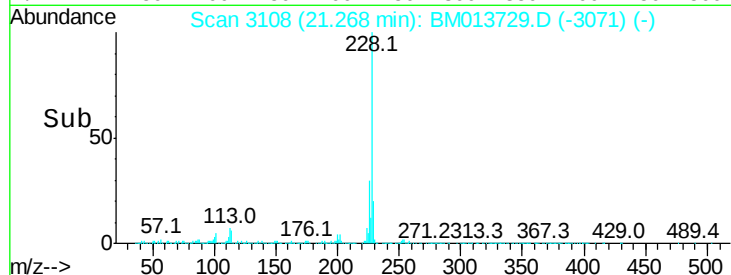
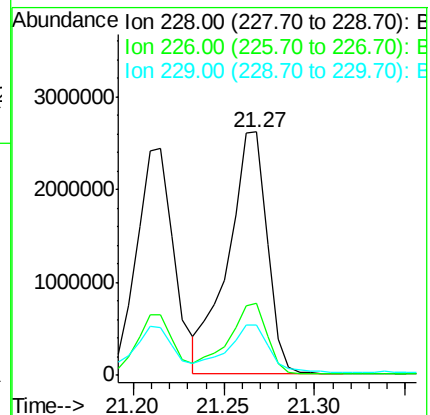
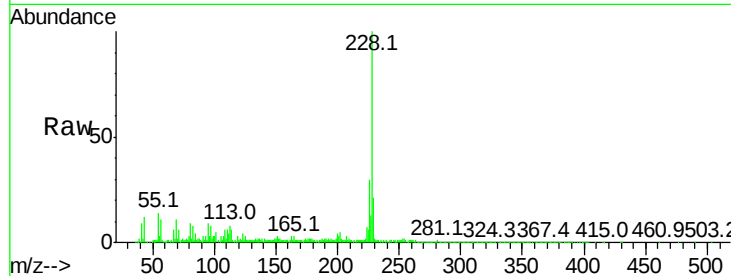
226 29.8 23.4 35.2

229 20.7 15.5 23.3

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#85

Benzo(b)fluoranthene

Concen: 37.966 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.03 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

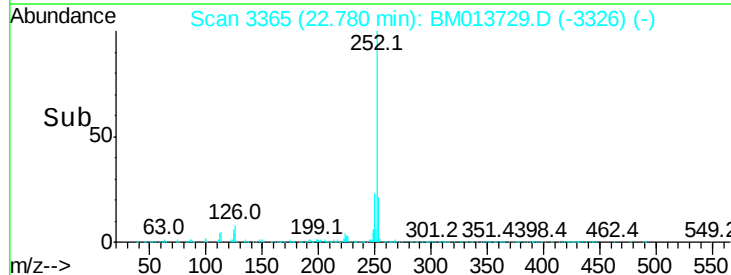
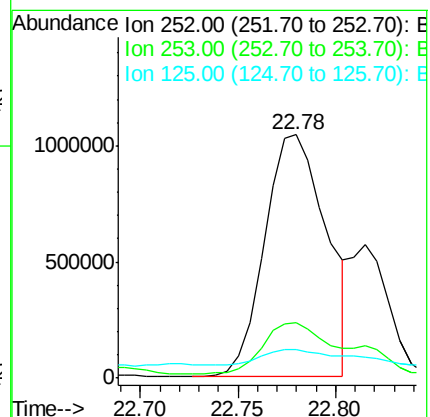
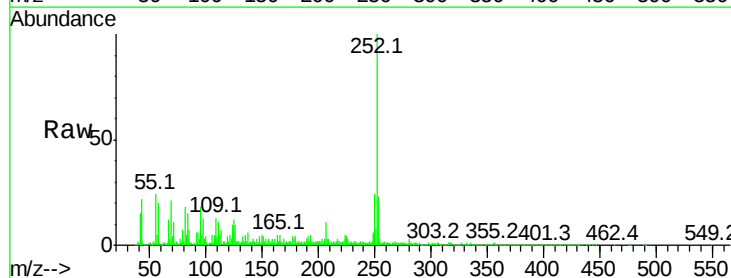
Tgt Ion:252 Resp: 2291726

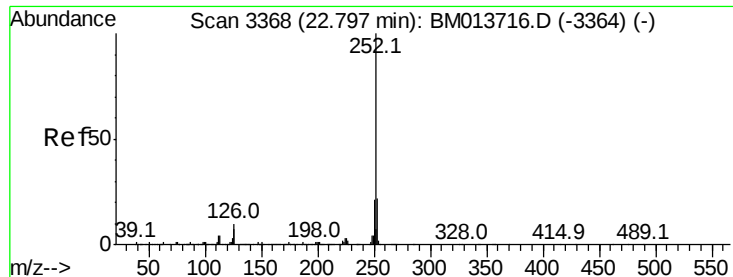
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 11.9 3.6 5.4#





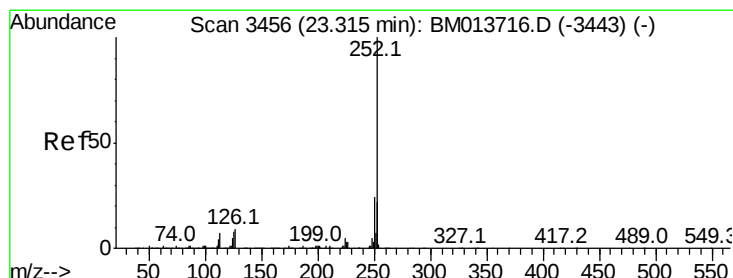
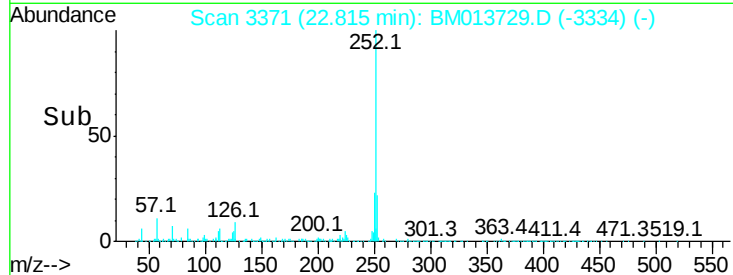
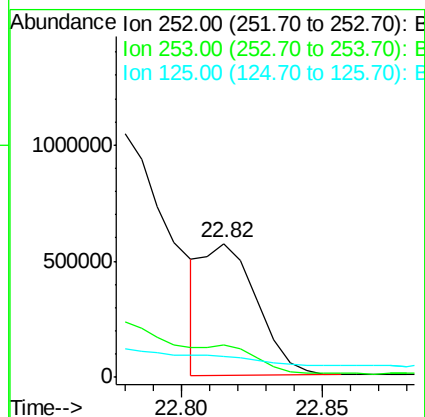
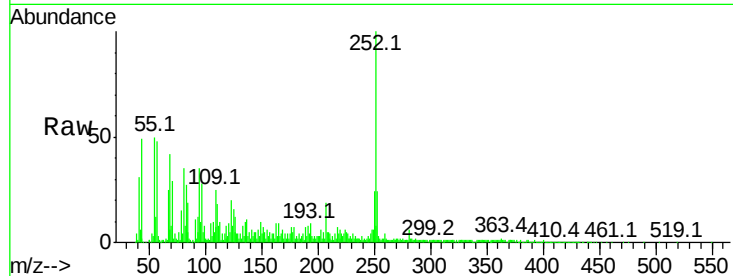
#86
Benzo(k)fluoranthene
Concen: 12.803 ng/u1
RT: 22.82 min Scan# 3371
Delta R.T. 0.02 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Instrument :
BNA_M
ClientSampled :
F6A48

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	16.1	3.4	5.2#

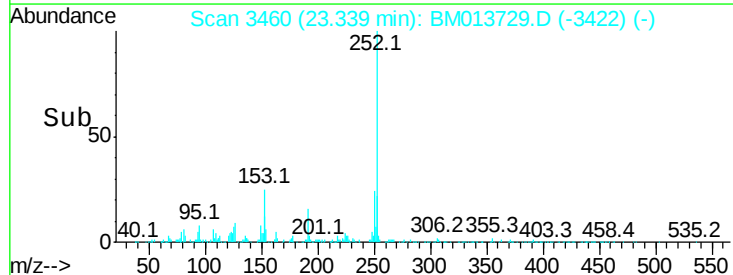
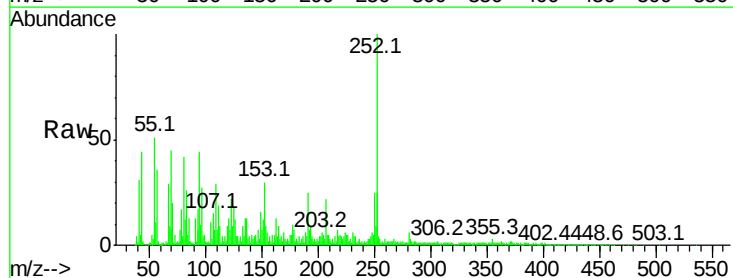
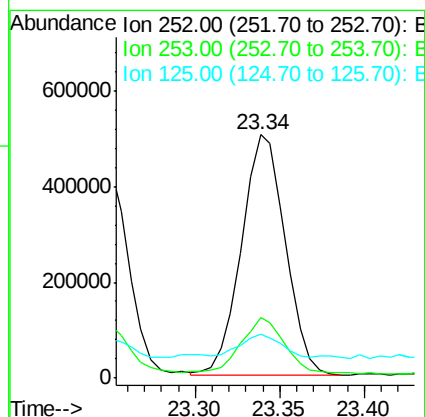
Manual Integrations
APPROVED

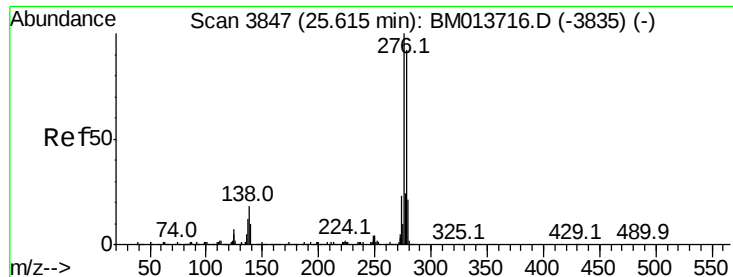
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#88
Benzo(a)pyrene
Concen: 15.852 ng/u1
RT: 23.34 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BM013729.D
Acq: 23 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	17.8	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.999 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. 0.03 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Instrument :

BNA_M

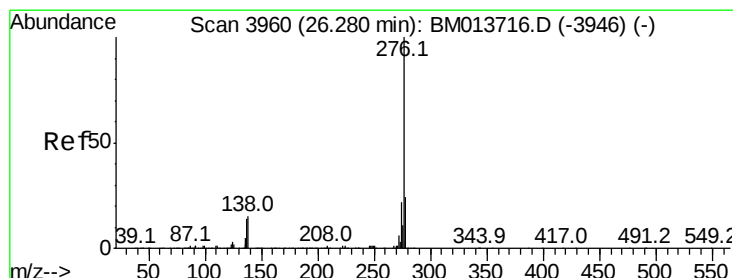
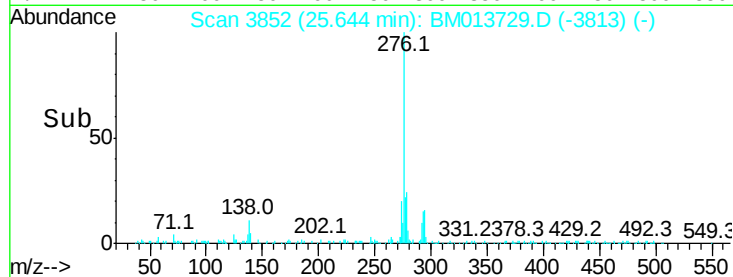
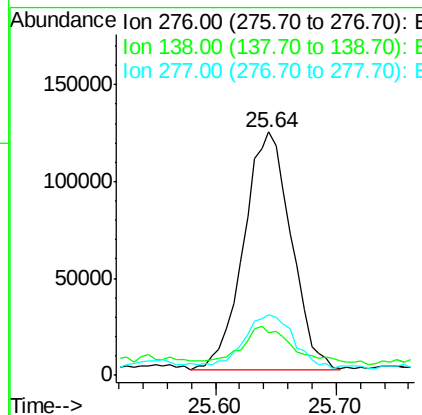
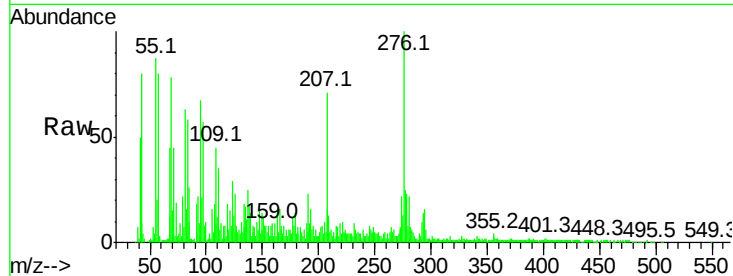
ClientSampleId :

F6A48

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	9.3	13.9#
277	24.6	19.9	29.9

Manual Integrations
APPROVED

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#91

Benzo(g,h,i)perylene

Concen: 4.915 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.04 min

Lab File: BM013729.D

Acq: 23 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	8.5	12.7#
277	27.2	18.6	28.0

