

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014430.D
 Acq On : 01 Mar 2018 08:43
 Operator : SJ/JU
 Sample : J1679-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:56 PM

Quant Time: Mar 01 12:56:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	160532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	744120	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	446361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	946351	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	889678	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	670079	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	11453	3.05	ng/uL	0.00
5) Phenol-d5	6.72	99	250509	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	158698	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	217522	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	208796	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	108644	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	119894	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	220029	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	246665m	21.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	723883	19.64	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	945125	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	77629m	15.25	ng/ul	0.03
57) Fluorene-d10	15.18	176	625364	18.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	7723	1.36	ng/ul	0.02
70) Anthracene-d10	17.04	188	950262	20.81	ng/ul	0.00
76) Pyrene-d10	19.35	212	1015010	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	662406	20.31	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.33	128	53260	1.394	ng/ul#	95
34) 2-Methylnaphthalene	11.96	142	33751	1.160	ng/ul	100
44) Dimethylphthalate	13.64	163	211908	5.830	ng/ul	97
47) Acenaphthylene	13.90	152	130799	3.045	ng/ul	94
49) Acenaphthene	14.24	153	159572	5.275	ng/ul	97
53) Dibenzofuran	14.58	168	337906	7.449	ng/ul#	86
58) Fluorene	15.23	166	504275	12.877	ng/ul	98
69) Phenanthrene	16.99	178	8110714	148.752	ng/ul	99
71) Anthracene	17.07	178	1622355	29.586	ng/ul	100
72) Carbazole	17.36	167	630740	13.679	ng/ul	97
74) Fluoranthene	19.02	202	9242031	141.873	ng/ul#	89
77) Pyrene	19.39	202	6774863	114.584	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	2891666	52.079	ng/ul	99
82) Chrysene	21.20	228	2280805	44.033	ng/ul	96
85) Benzo(b)fluoranthene	22.70	252	2587905	57.679	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	745472m	17.476	ng/ul	
88) Benzo(a)pyrene	23.25	252	1662469	41.465	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	973898	25.032	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	264230	8.173	ng/ul#	88
91) Benzo(g,h,i)perylene	26.17	276	843033	26.748	ng/ul#	95

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

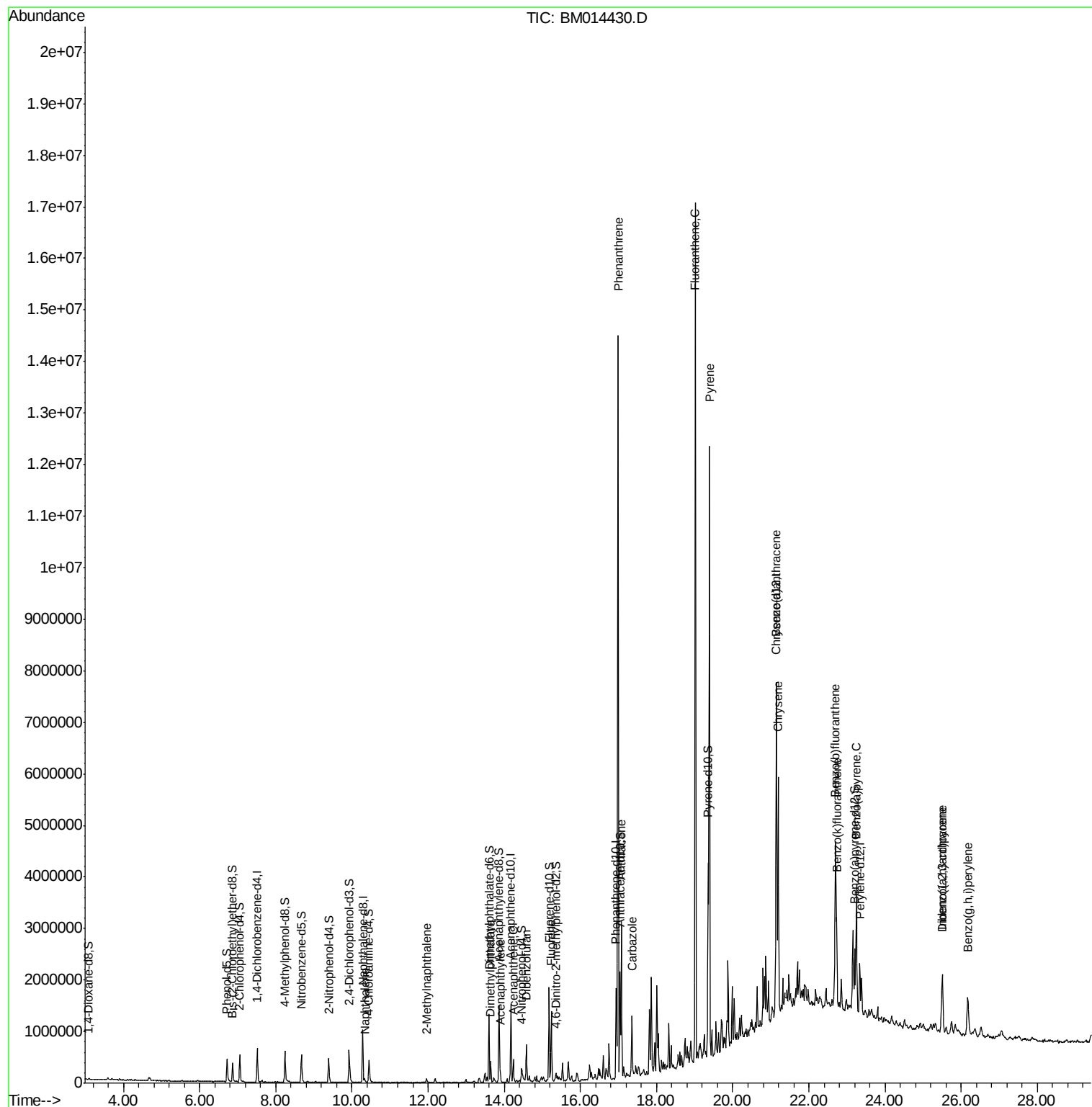
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014430.D
Acq On : 01 Mar 2018 08:43
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Misc :
ALS Vial : 34 Sample Multiplier: 1

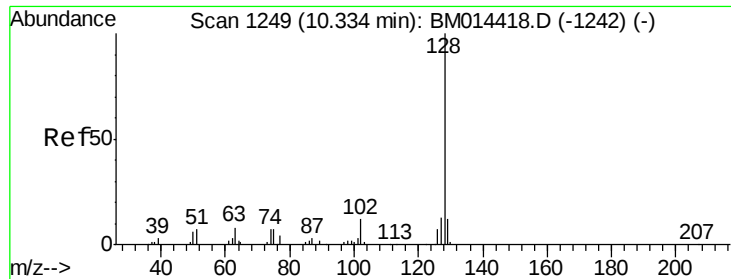
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 01 12:56:21 2018
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Quant Title : SVOA CALIBRATION
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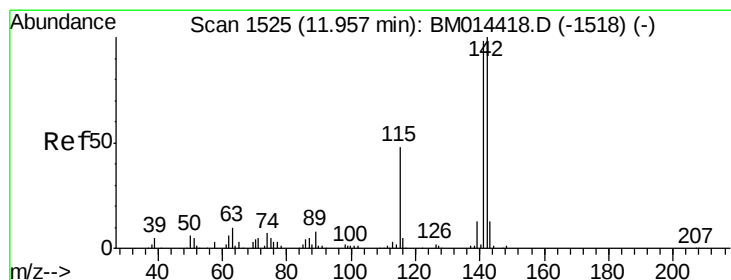
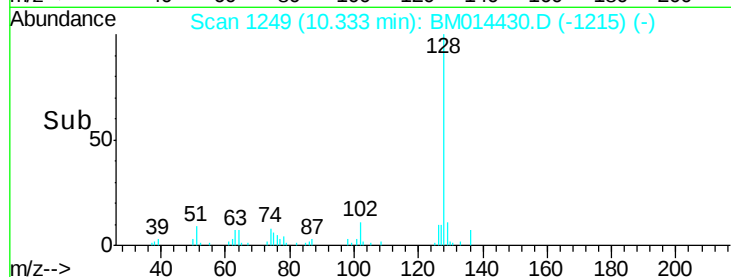
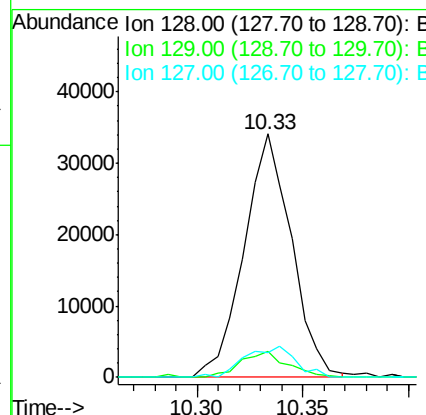
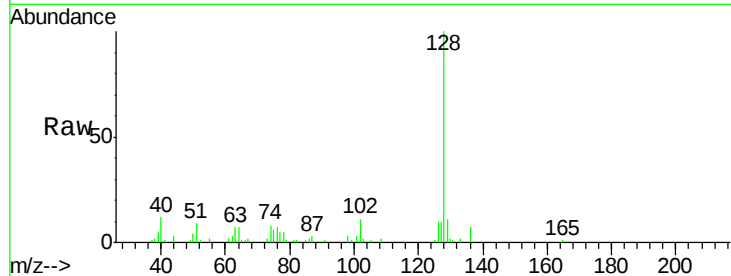
#28
Naphthalene
Concen: 1.394 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	9.9	10.6	16.0#

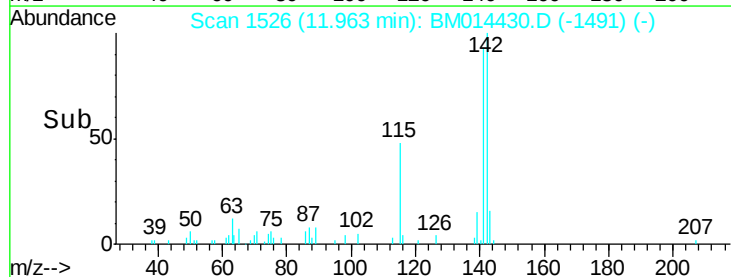
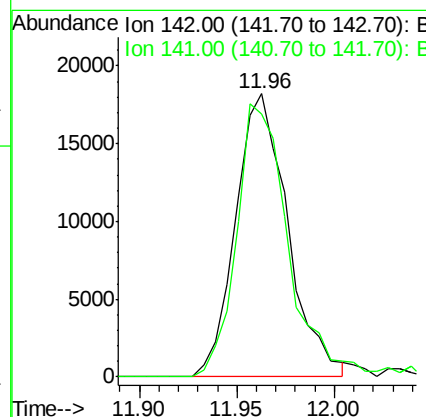
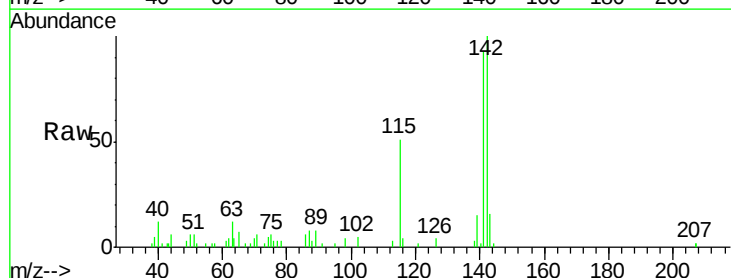
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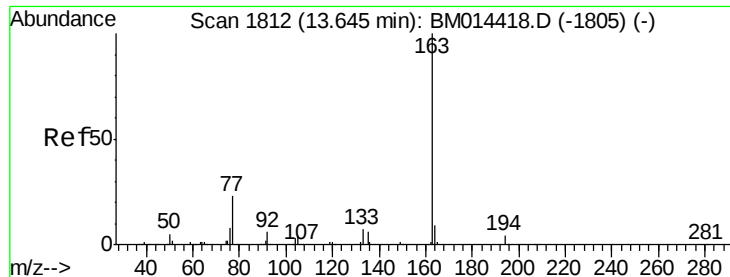
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#34
2-Methylnaphthalene
Concen: 1.160 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.1	111.1





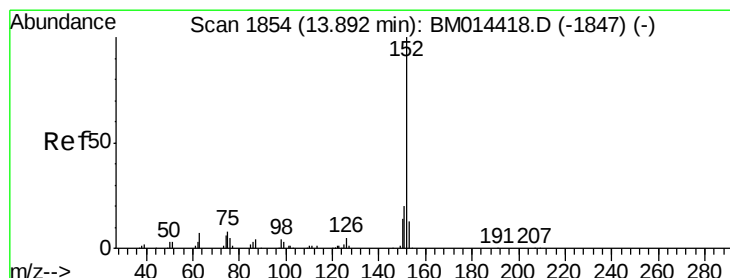
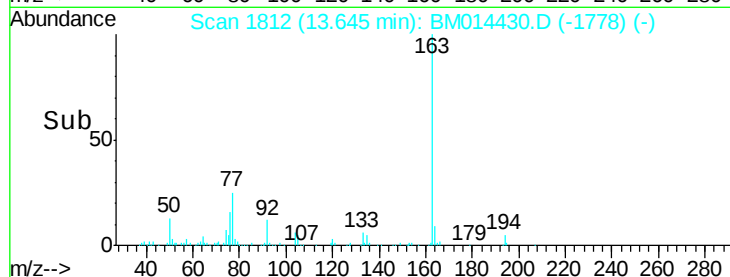
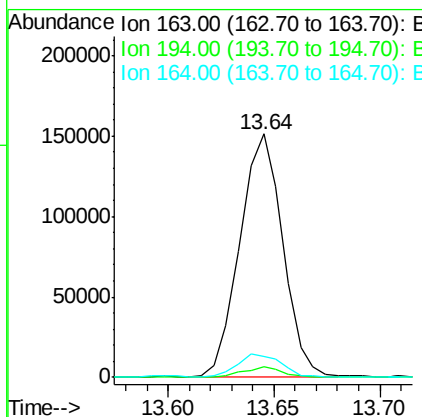
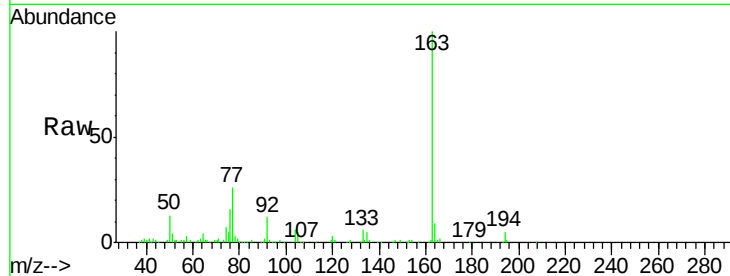
#44
Dimethylphthalate
Concen: 5.830 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	8.8	8.2	12.4

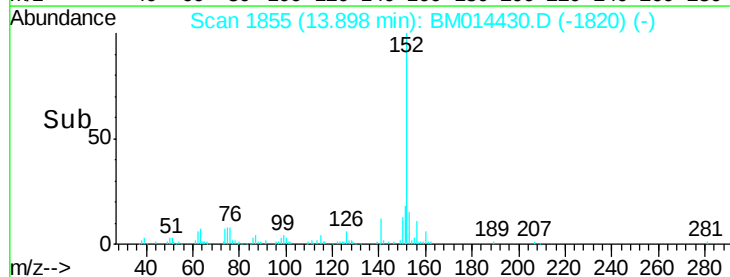
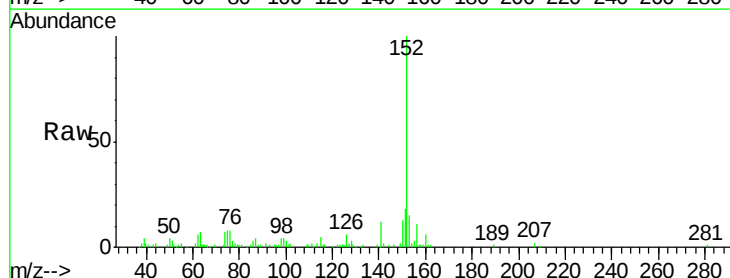
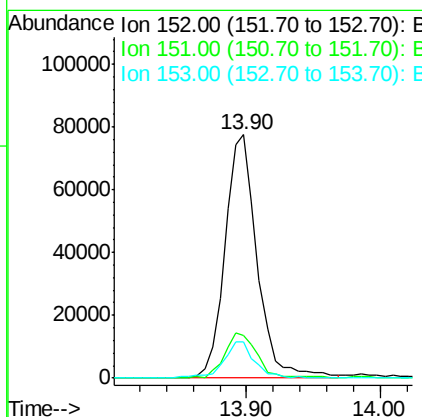
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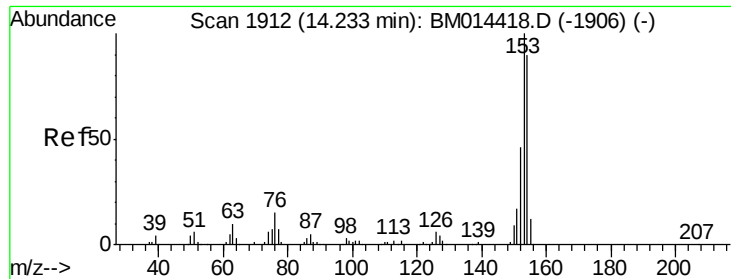
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#47
Acenaphthylene
Concen: 3.045 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.3	24.5
153	14.7	10.2	15.4





#49

Acenaphthene

Concen: 5.275 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014430.D

Acq: 01 Mar 2018 08:43

Instrument :

BNA_M

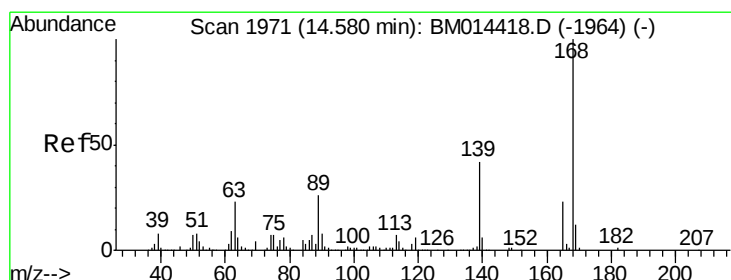
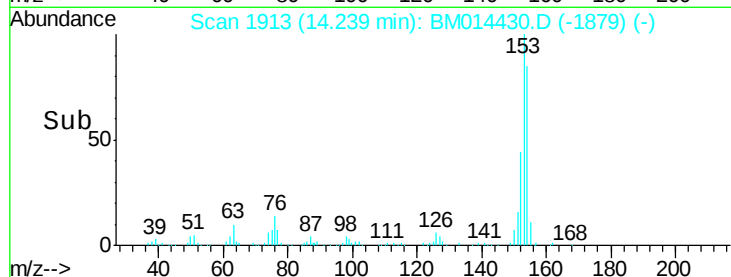
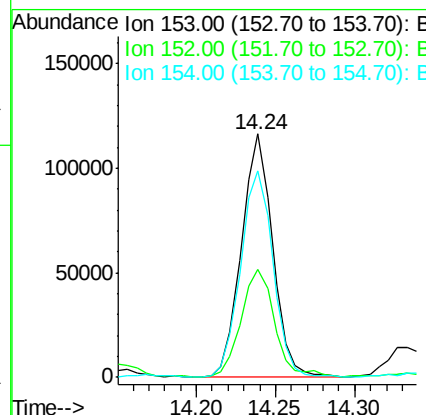
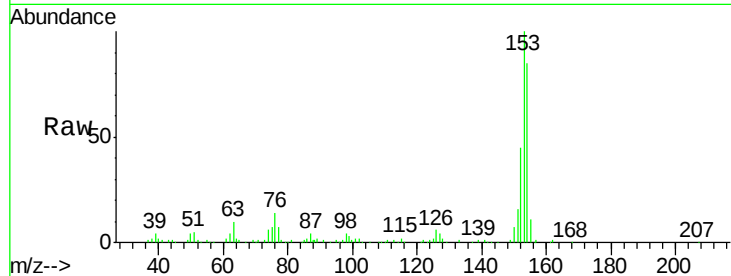
ClientSampleId :

BE5Z7

Tot Ion	Ratio	Lower	Upper
153	100		
152	44.6	37.6	56.4
154	84.9	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 7.449 ng/ul

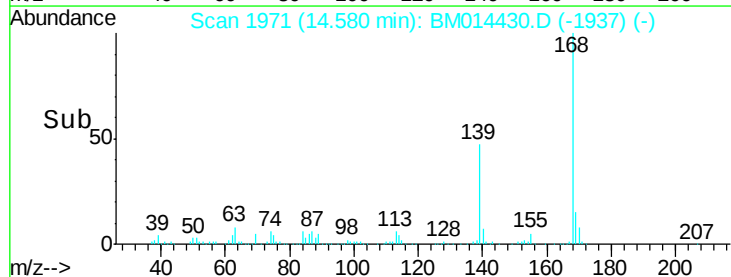
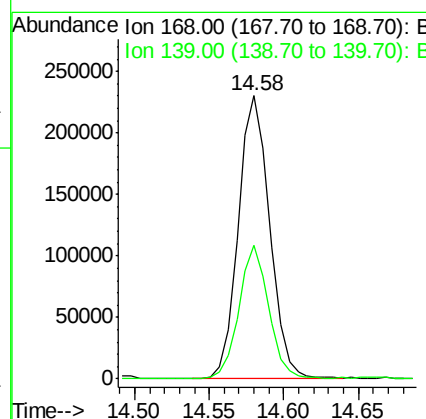
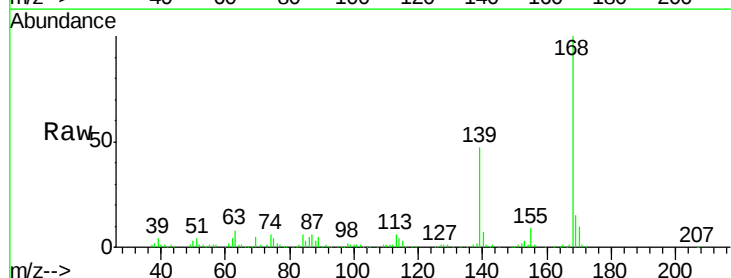
RT: 14.58 min Scan# 1971

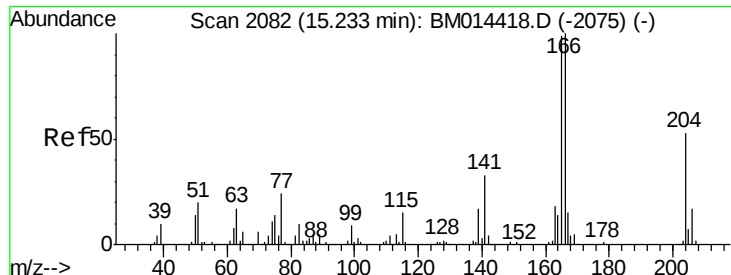
Delta R.T. 0.00 min

Lab File: BM014430.D

Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	47.0	30.8	46.2#





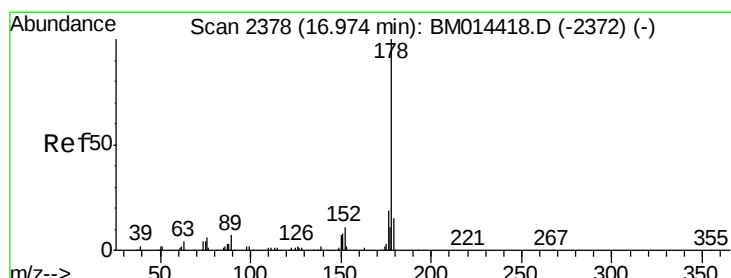
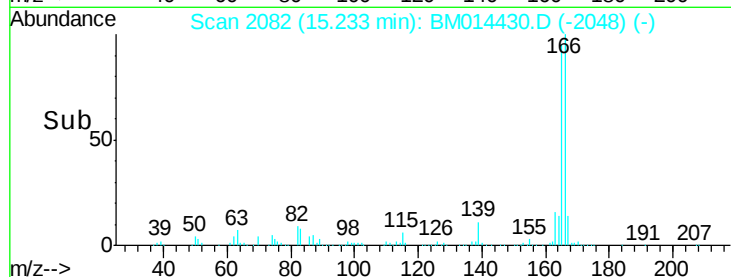
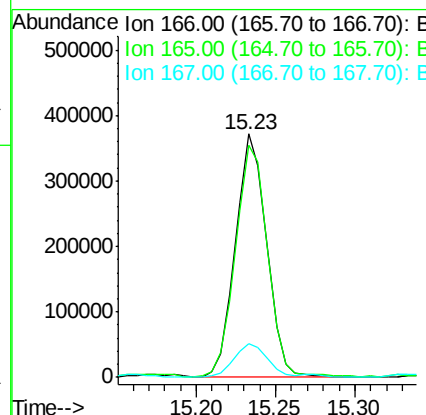
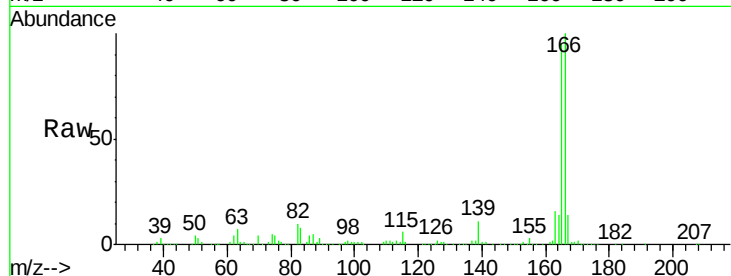
#58
 Fluorene
 Concen: 12.877 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BM014430.D
 Acq: 01 Mar 2018 08:43

Instrument :
 BNA_M
 ClientSampled :
 BE5Z7

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.1	77.9	116.9
167	13.8	10.6	16.0

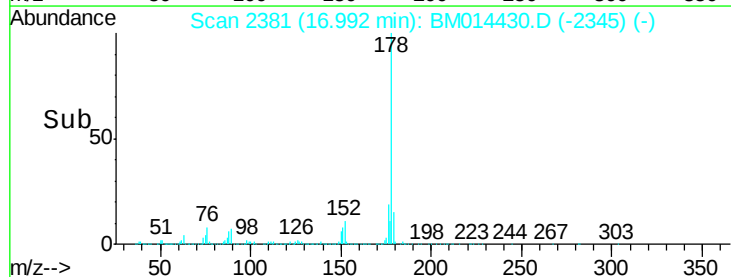
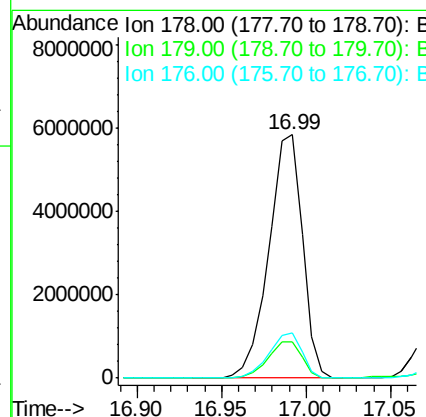
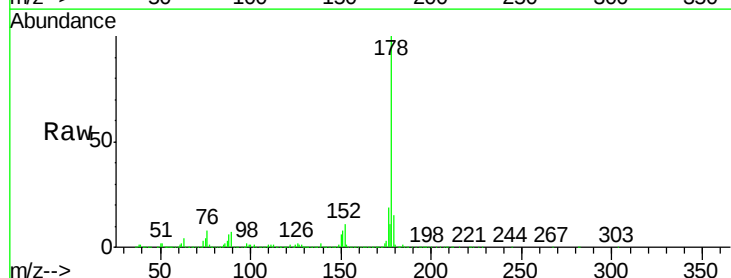
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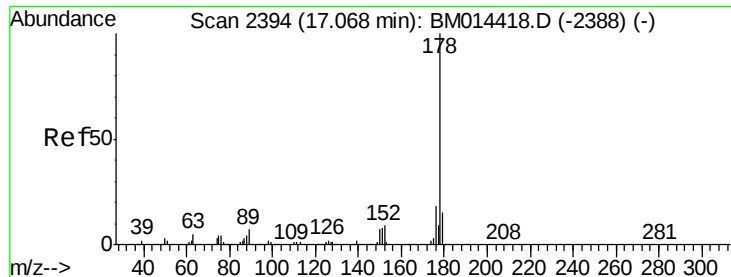
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#69
 Phenanthrene
 Concen: 148.752 ng/ul
 RT: 16.99 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BM014430.D
 Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.7	14.9	22.3





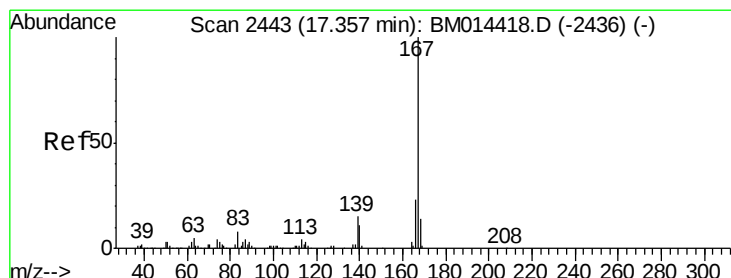
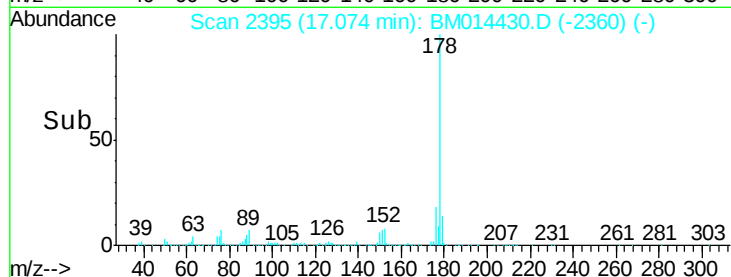
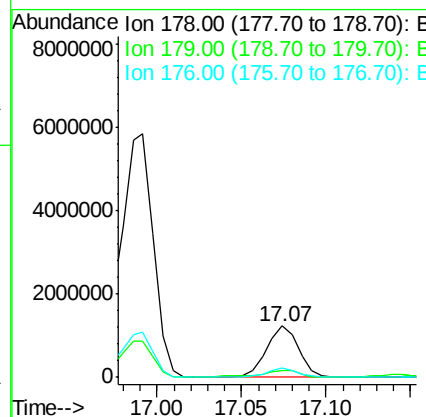
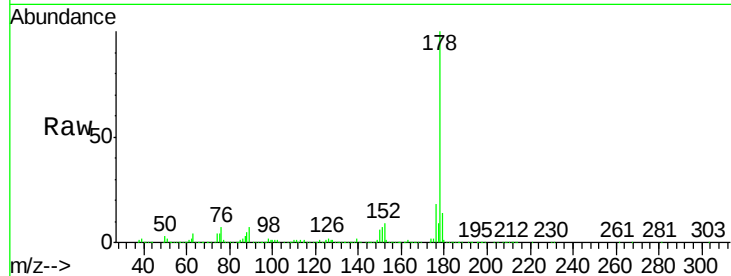
#71
 Anthracene
 Concen: 29.586 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM014430.D
 Acq: 01 Mar 2018 08:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7

Tot Ion:178 Resp: 1622355
 Ion Ratio Lower Upper
 178 100
 179 14.5 11.7 17.5
 176 18.0 14.6 21.8

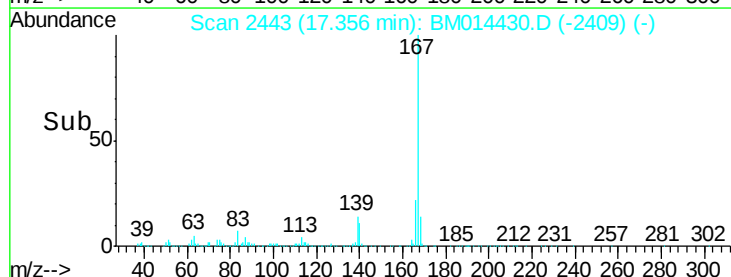
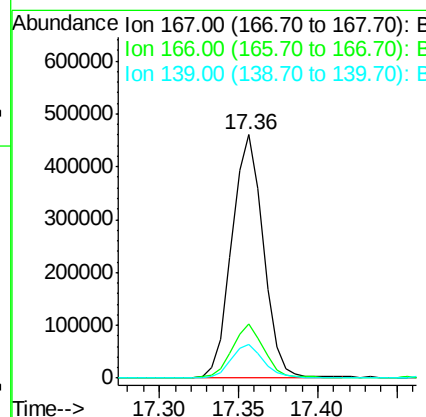
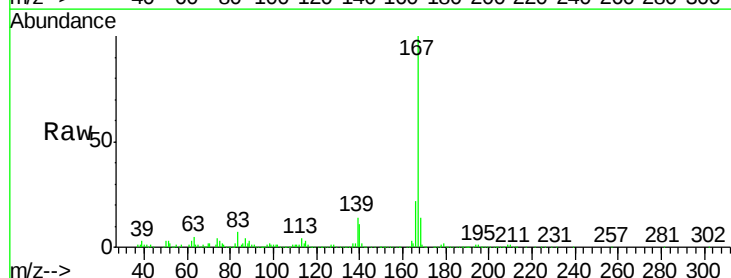
Manual Integrations
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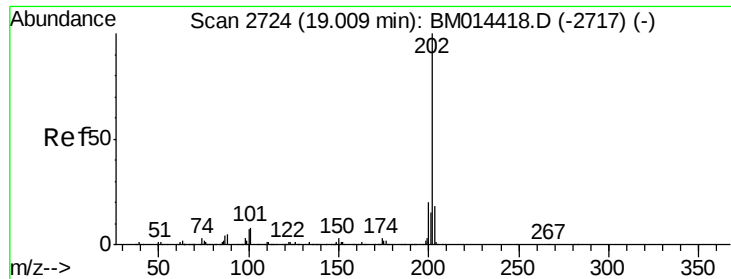
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#72
 Carbazole
 Concen: 13.679 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014430.D
 Acq: 01 Mar 2018 08:43

Tgt Ion:167 Resp: 630740
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 14.1 10.0 15.0





#74

Fluoranthene

Concen: 141.873 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014430.D

Acq: 01 Mar 2018 08:43

Instrument :

BNA_M

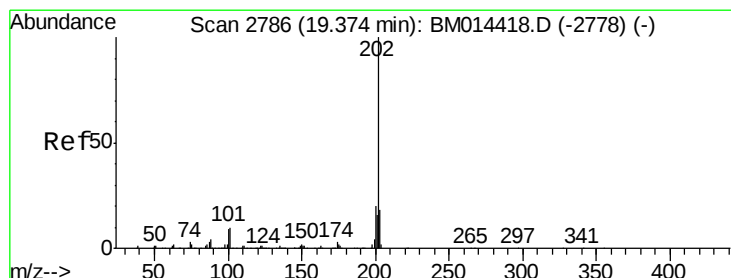
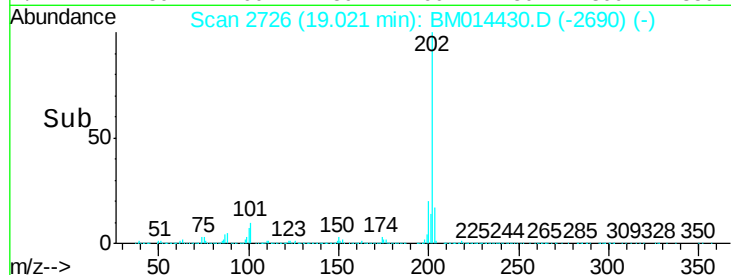
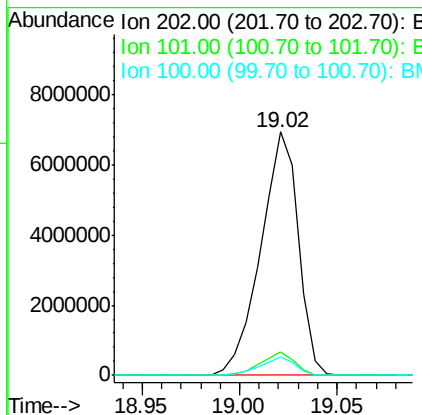
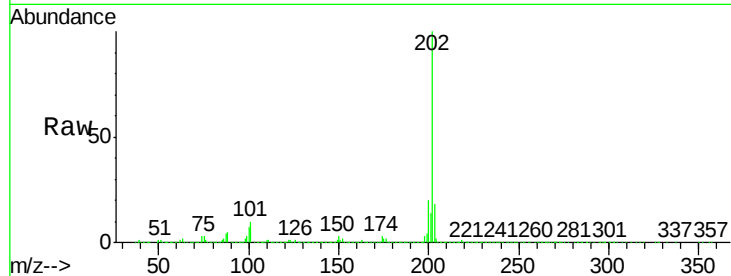
ClientSampleId :

BE5Z7

Tot Ion:	202	Resp:	9242031
Ion Ratio	Lower	Upper	
202	100		
101	9.7	4.6	7.0#
100	7.3	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 114.584 ng/ul

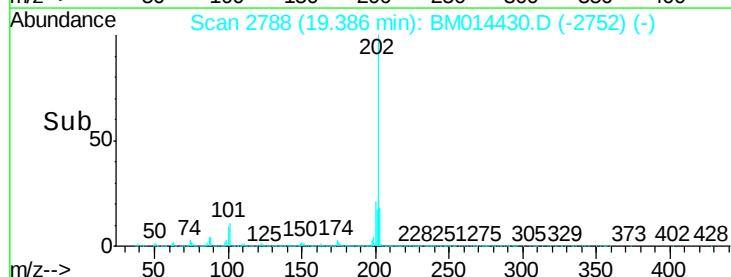
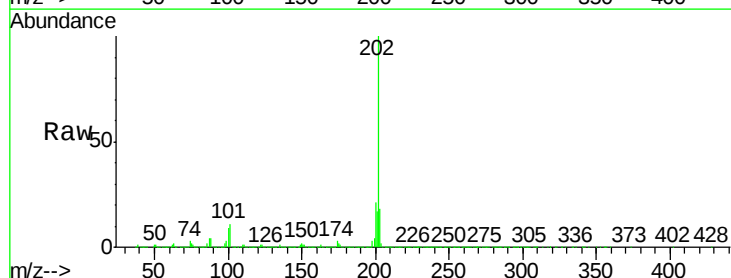
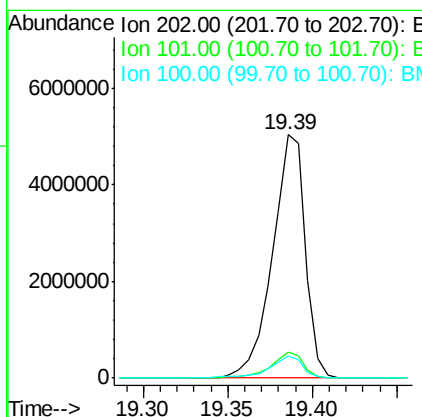
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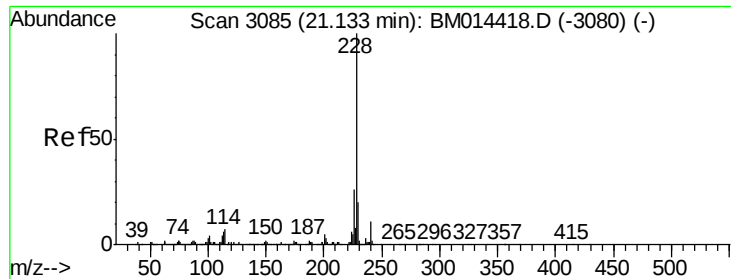
Delta R.T. 0.01 min

Lab File: BM014430.D

Acq: 01 Mar 2018 08:43

Tgt Ion:	202	Resp:	6774863
Ion Ratio	Lower	Upper	
202	100		
101	10.6	5.1	7.7#
100	9.0	4.9	7.3#





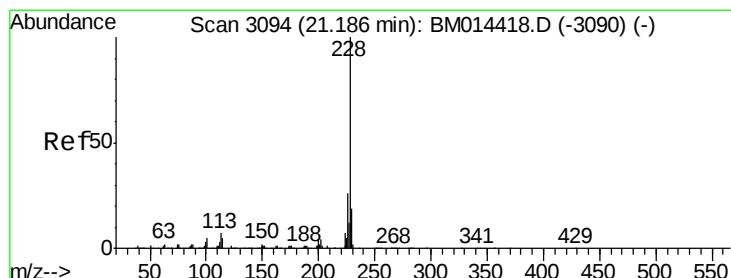
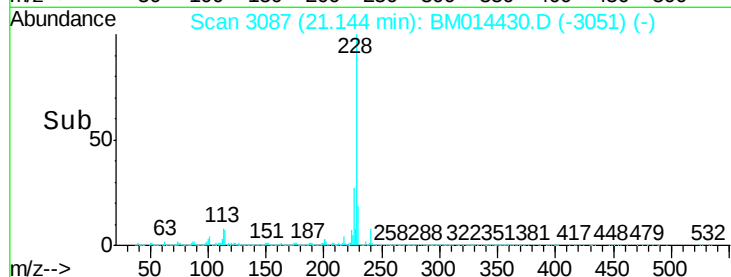
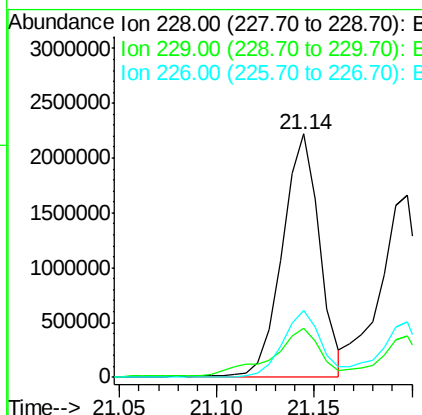
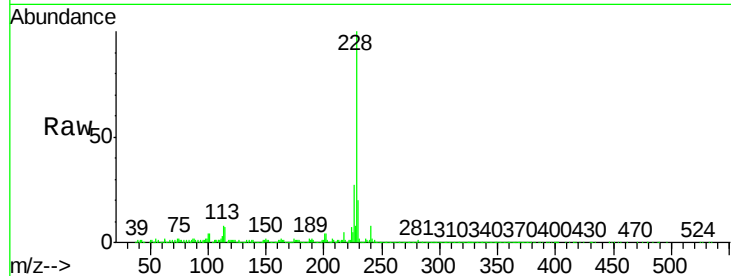
#80
Benzo(a)anthracene
Concen: 52.079 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampled :
BE5Z7

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	27.3	21.4	32.0

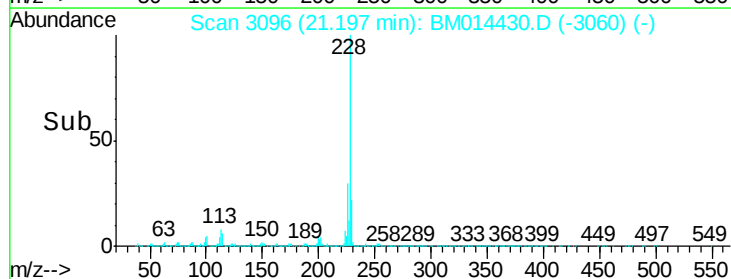
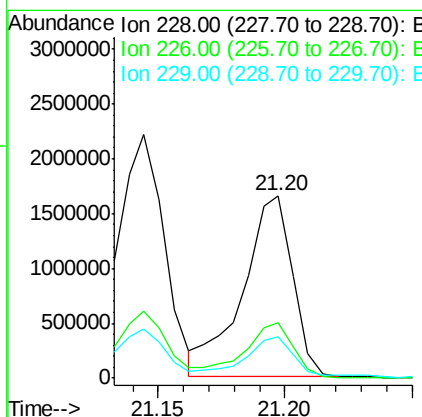
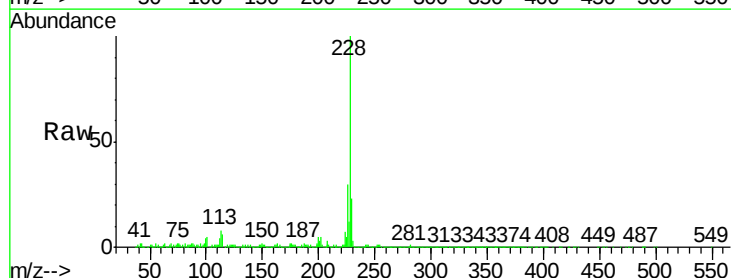
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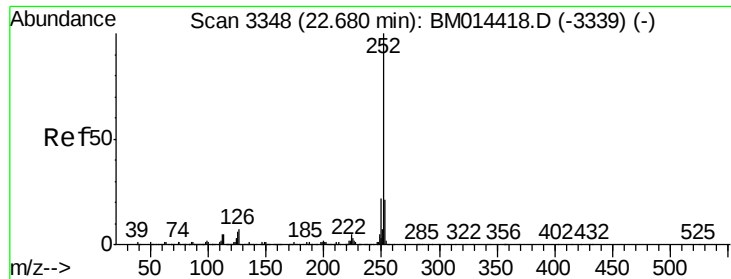
Sohil
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#82
Chrysene
Concen: 44.033 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.6	15.5	23.3





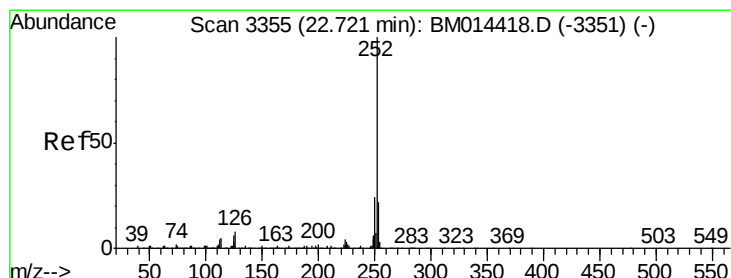
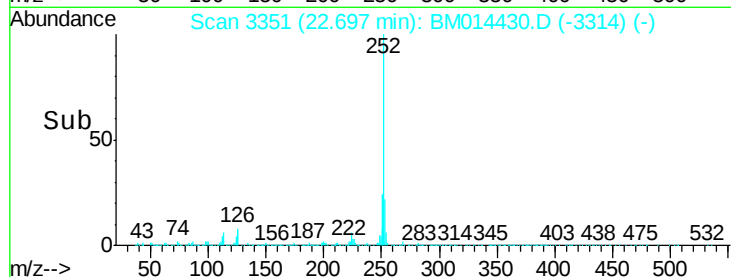
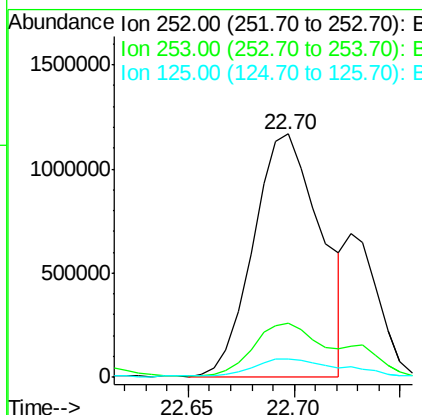
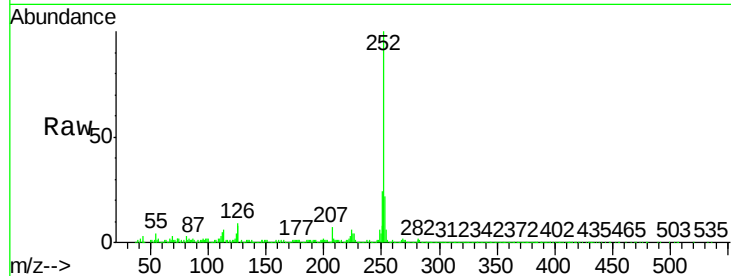
#85
Benzo(b)fluoranthene
Concen: 57.679 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.7	3.6	5.4

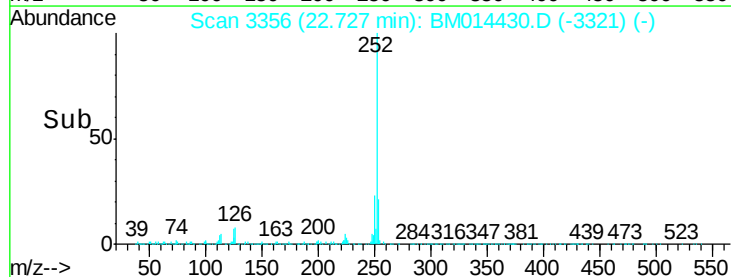
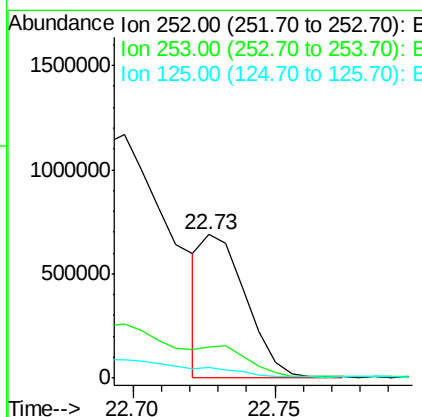
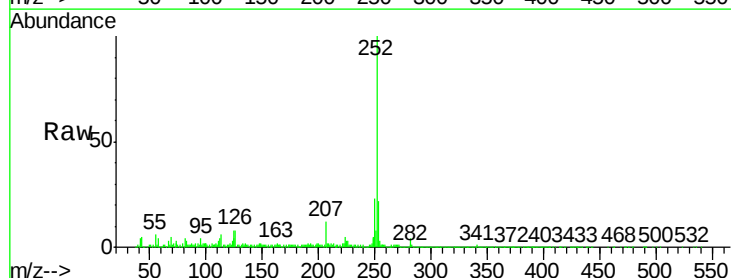
Manual Integrations
APPROVED

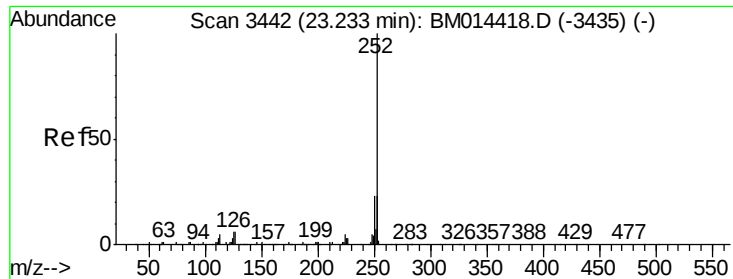
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#86
Benzo(k)fluoranthene
Concen: 17.476 ng/ul m
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.5	3.4	5.2





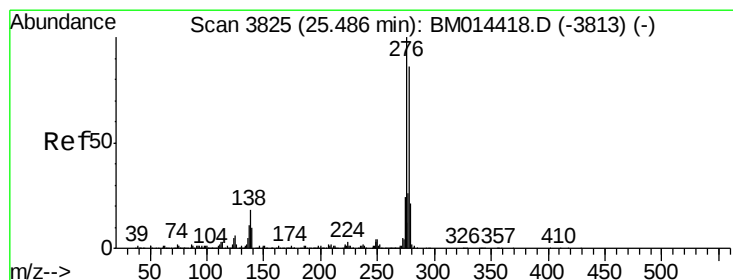
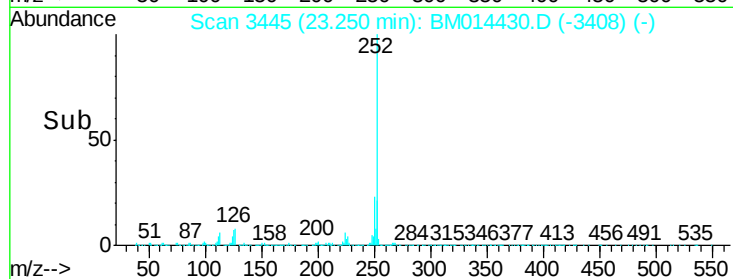
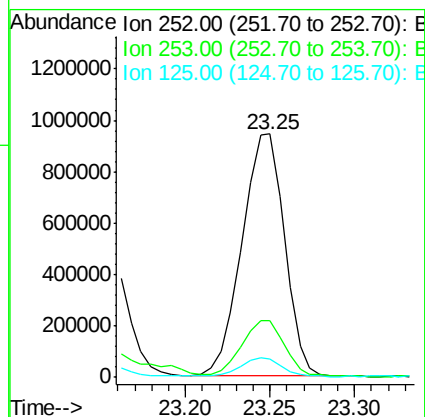
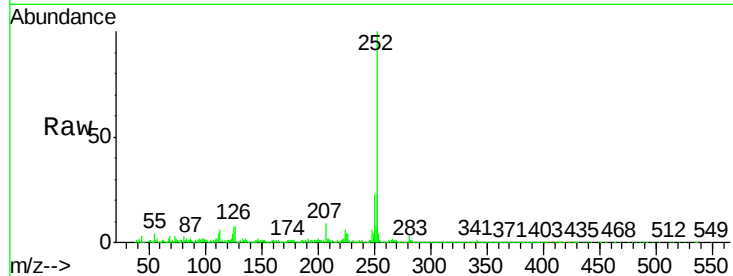
#88
Benzo(a)pyrene
Concen: 41.465 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	7.4	4.0	6.0

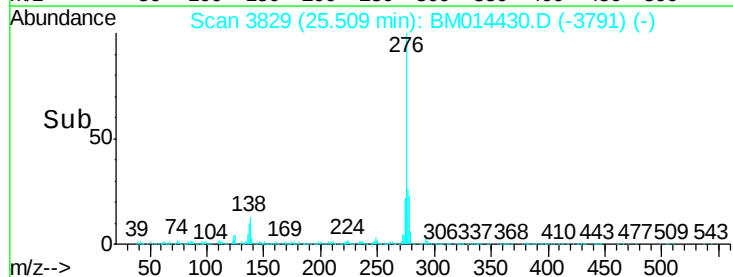
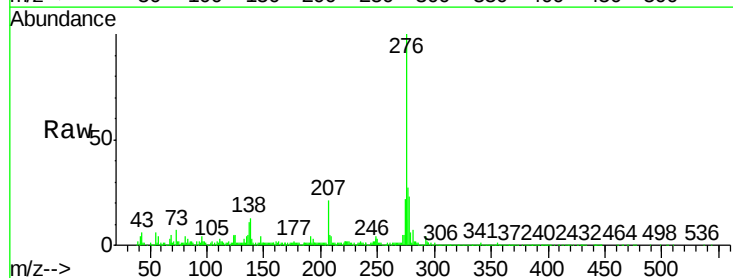
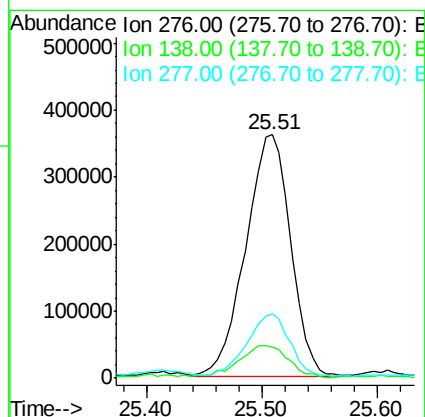
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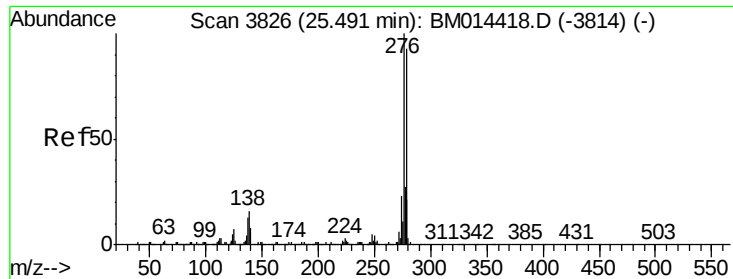
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#89
Indeno(1,2,3-cd)pyrene
Concen: 25.032 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.3	13.9
277	26.6	19.9	29.9





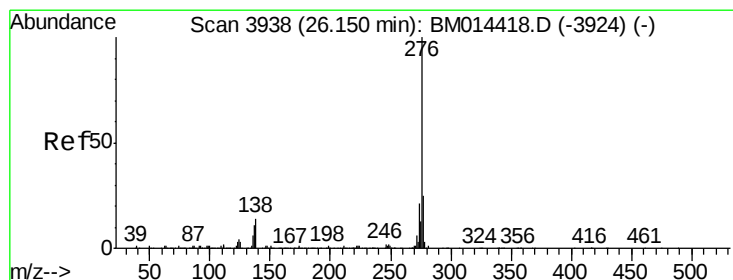
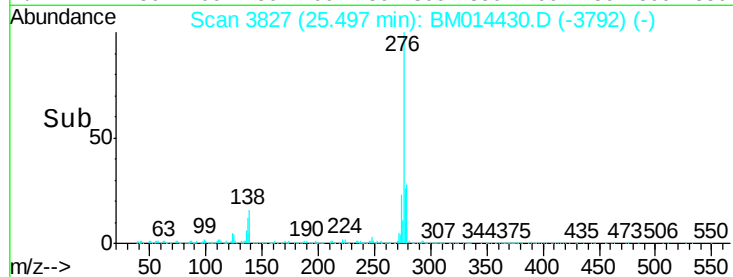
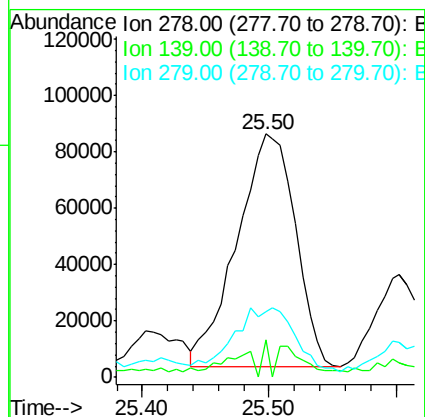
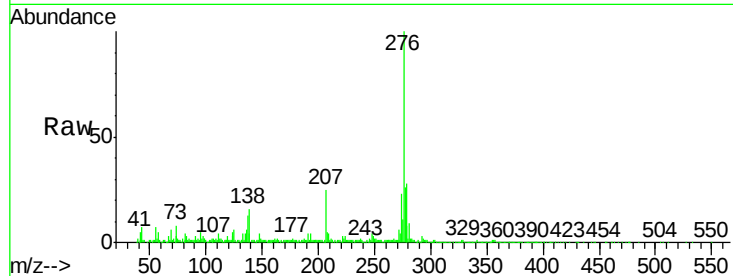
#90
Dibenzo(a,h)anthracene
Concen: 8.173 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	5.8	8.8#
279	27.2	18.6	27.8

Manual Integrations
APPROVED

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3/1/2018 5:15:56 PM



#91
Benzo(g,h,i)perylene
Concen: 26.748 ng/ul
RT: 26.17 min Scan# 3942
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	8.5	12.7#
277	24.8	18.6	28.0

