

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014450.D
 Acq On : 02 Mar 2018 01:36
 Operator : SJ/JU
 Sample : J1678-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z2

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:15 PM

Quant Time: Mar 02 11:48:49 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	7.52	152	72539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	346686	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	232598	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	586473	20.00	ng/ul	0.01
75) Chrysene-d12	21.16	240	635236	20.00	ng/ul	0.01
83) Perylene-d12	23.35	264	516767	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	5295	3.12	ng/uL	0.00
5) Phenol-d5	6.73	99	175421	28.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	97405	26.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	140805	29.95	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	144293	26.90	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	76588	29.89	ng/ul	0.01
22) 2-Nitrophenol-d4	9.39	143	79048	29.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	161436	29.39	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	149882	27.70	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	550689	28.67	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	737076	31.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	61350	23.13	ng/ul	0.05
57) Fluorene-d10	15.19	176	505132	29.35	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	4759	1.35	ng/ul	0.03
70) Anthracene-d10	17.04	188	826519	29.21	ng/ul	0.01
76) Pyrene-d10	19.36	212	1007874	30.76	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	743842	29.58	ng/ul	0.03

Target Compounds

					Ovalue	
28) Naphthalene	10.34	128	22050	1.238	ng/ul#	93
44) Dimethylphthalate	13.64	163	87867	4.639	ng/ul	99
47) Acenaphthylene	13.90	152	63880	2.853	ng/ul	96
49) Acenaphthene	14.24	153	21544	1.367	ng/ul#	84
69) Phenanthrene	16.99	178	535297	15.842	ng/ul	99
71) Anthracene	17.08	178	127904	3.764	ng/ul	96
72) Carbazole	17.37	167	44135	1.545	ng/ul#	96
74) Fluoranthene	19.02	202	974650	24.143	ng/ul#	95
77) Pyrene	19.39	202	973496	23.060	ng/ul#	94
80) Benzo(a)anthracene	21.15	228	499710	12.605	ng/ul	96
82) Chrysene	21.20	228	481819	13.028	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	575257	16.625	ng/ul#	93
86) Benzo(k)fluoranthene	22.74	252	131649m	4.002	ng/ul	
88) Benzo(a)pyrene	23.26	252	363214	11.747	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.53	276	217856	7.261	ng/ul	96
90) Dibenzo(a,h)anthracene	25.53	278	63044	2.529	ng/ul#	64
91) Benzo(g,h,i)perylene	26.20	276	177987	7.323	ng/ul#	92

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

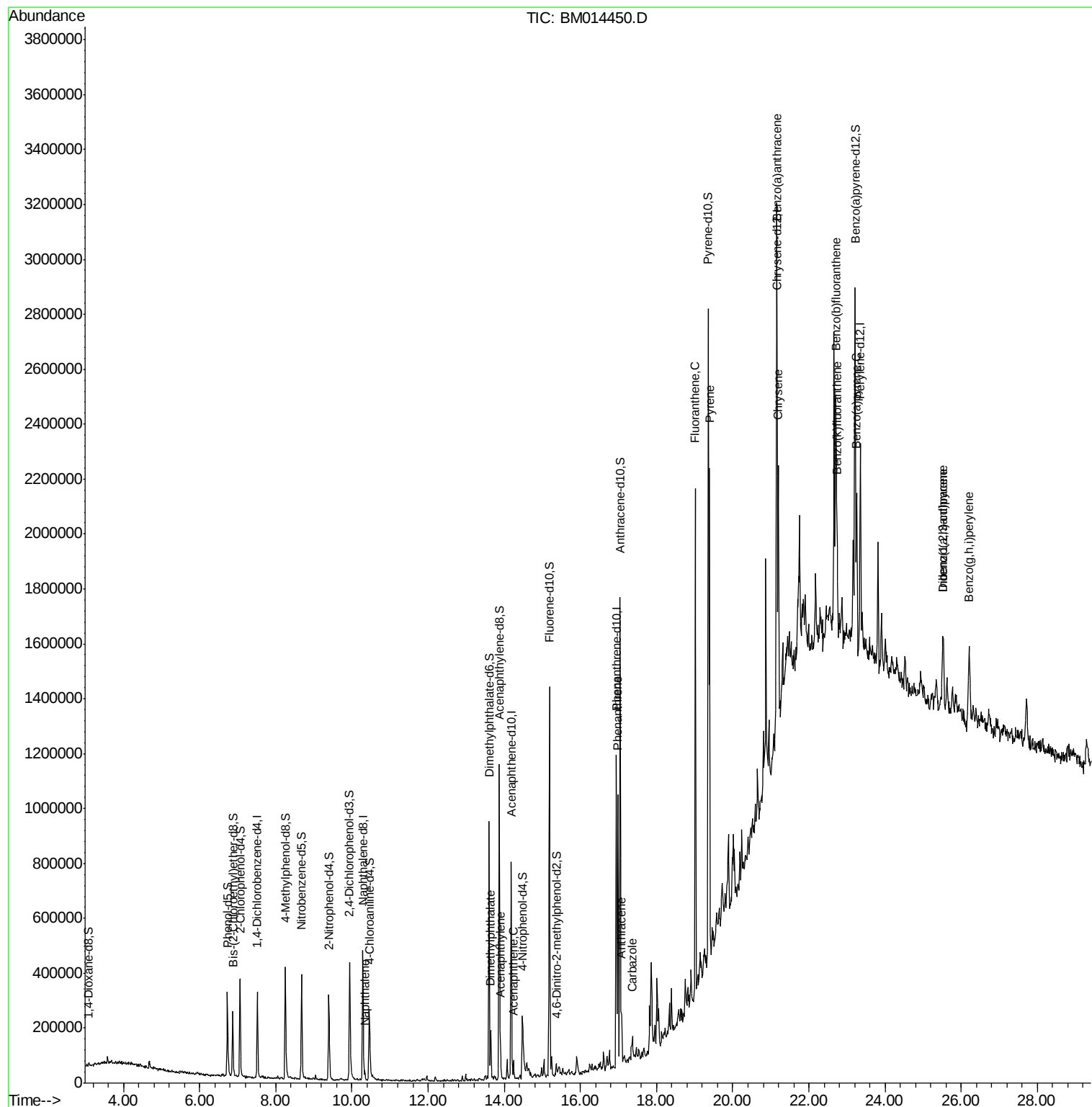
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014450.D
Acq On : 02 Mar 2018 01:36
Operator : SJ/JU
Sample : J1678-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

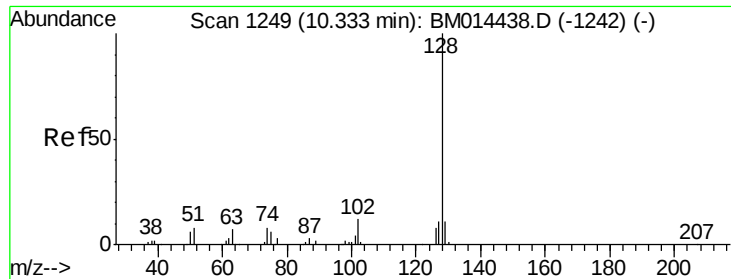
Instrument :
BNA_M
ClientSampled :
BE5Z2

Manual Integrations
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3/2/2018 3:32:15 PM

Quant Time: Mar 02 11:48:49 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
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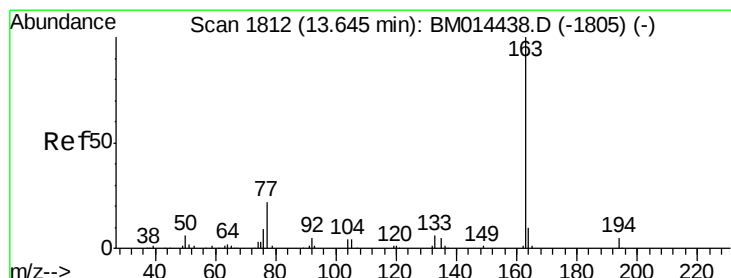
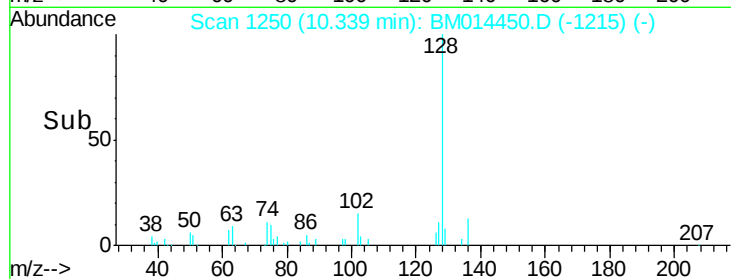
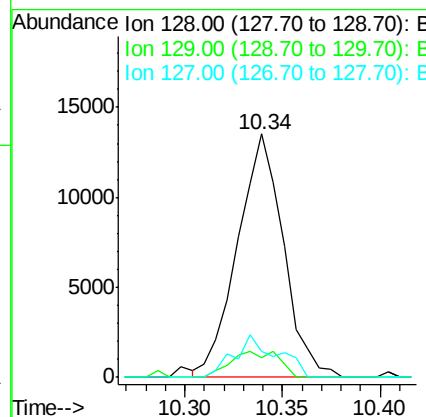
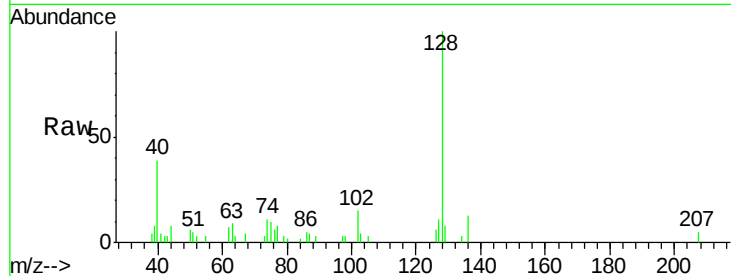
#28
Naphthalene
Concen: 1.238 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Instrument :
BNA_M
ClientSampleId :
BE5Z2

Tot Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.8	13.2#
127	10.6	10.6	16.0#

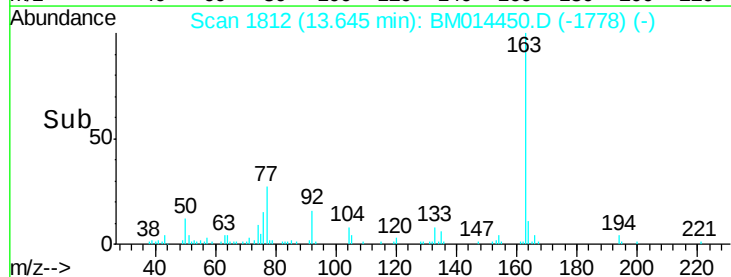
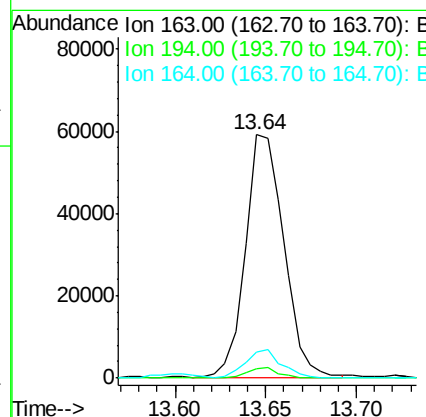
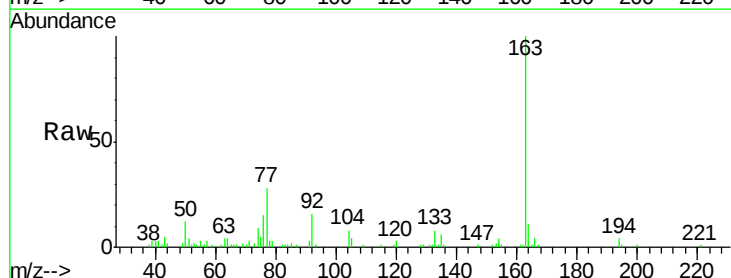
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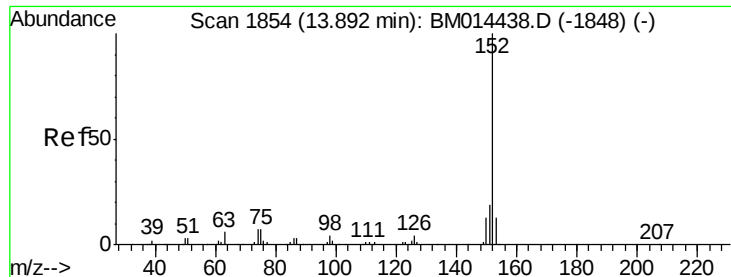
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#44
Dimethylphthalate
Concen: 4.639 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.6	8.2	12.4





#47

Acenaphthylene

Concen: 2.853 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Instrument :

BNA_M

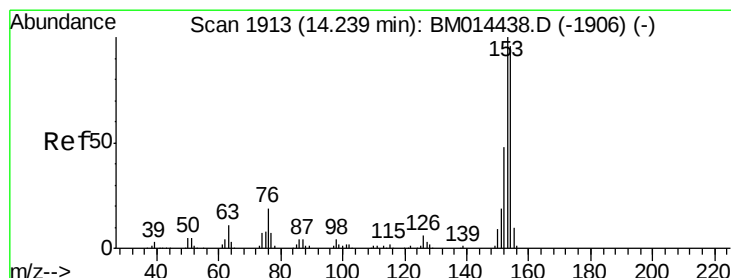
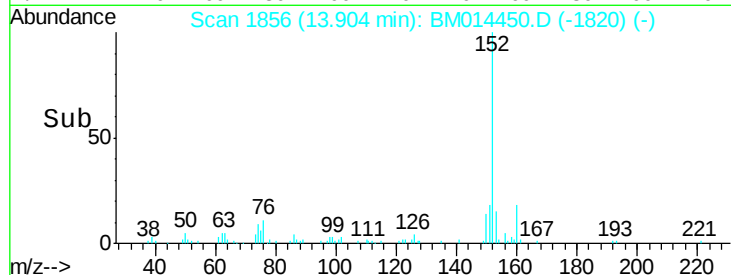
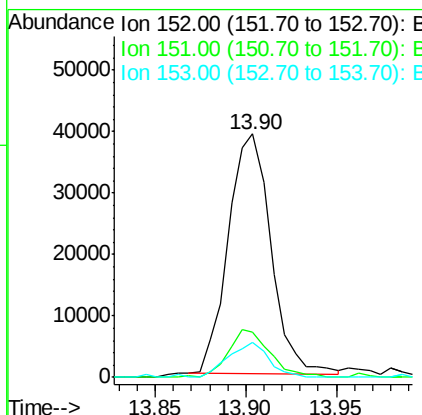
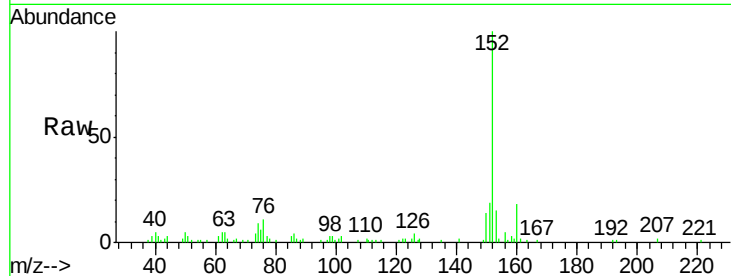
ClientSampled :

BE5Z2

Tot Ion:	152	Resp:	63880
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.3	24.5
153	14.6	10.2	15.4

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#49

Acenaphthene

Concen: 1.367 ng/ul

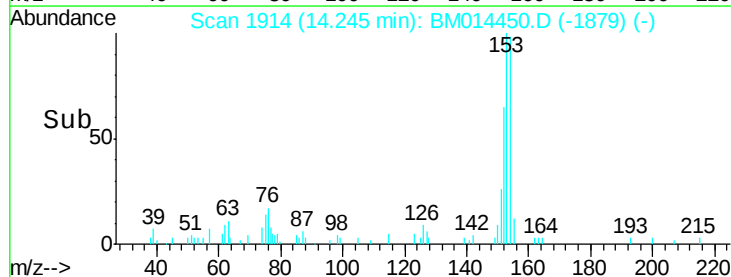
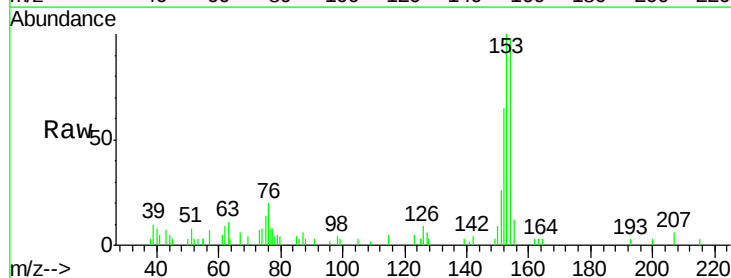
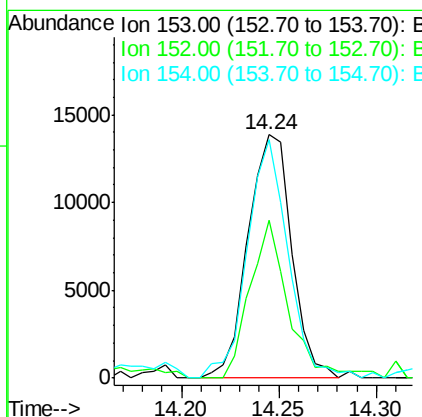
RT: 14.24 min Scan# 1914

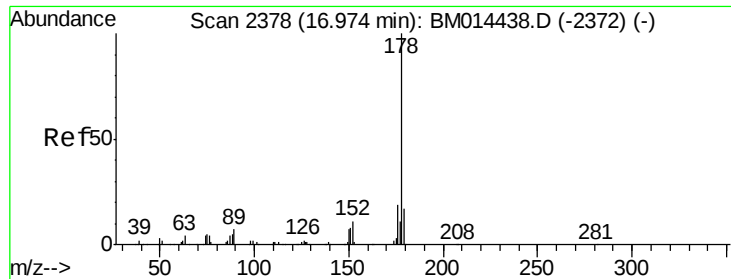
Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Tgt Ion:	153	Resp:	21544
Ion Ratio	Lower	Upper	
153	100		
152	64.8	37.6	56.4#
154	97.9	70.4	105.6





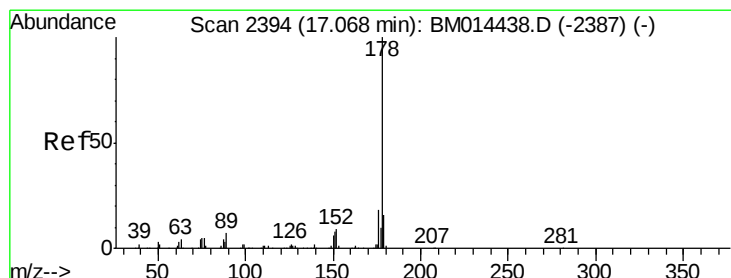
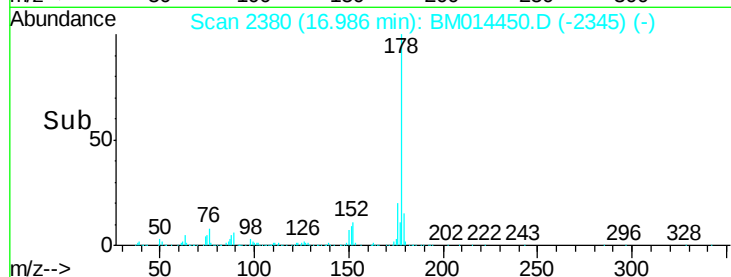
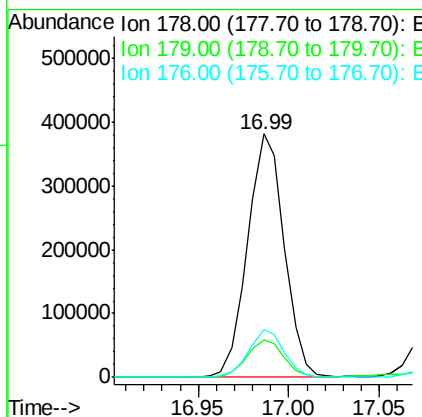
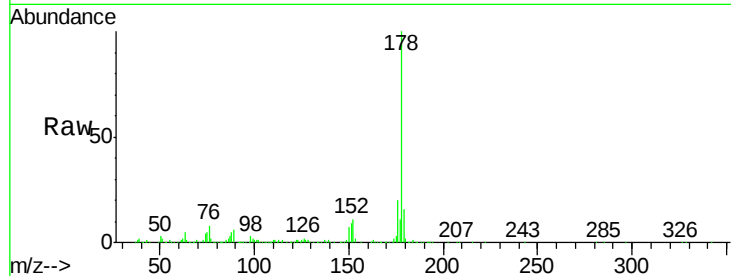
#69
Phenanthrene
Concen: 15.842 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Instrument :
BNA_M
ClientSampled :
BE5Z2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.7	14.9	22.3

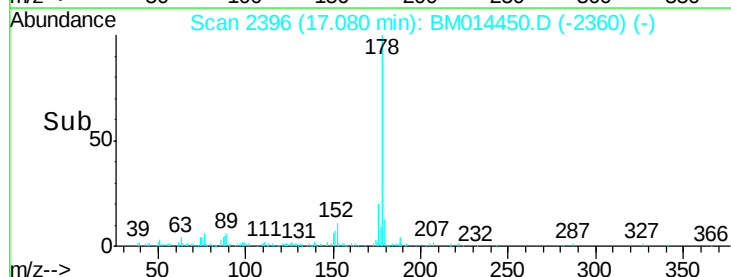
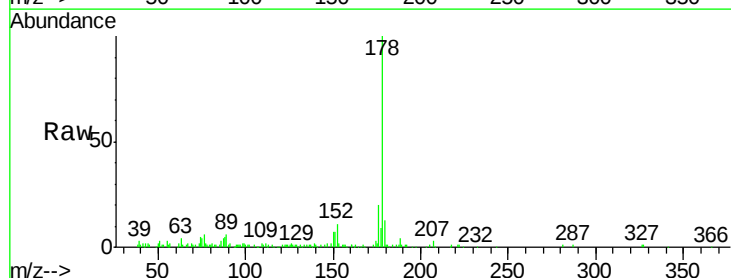
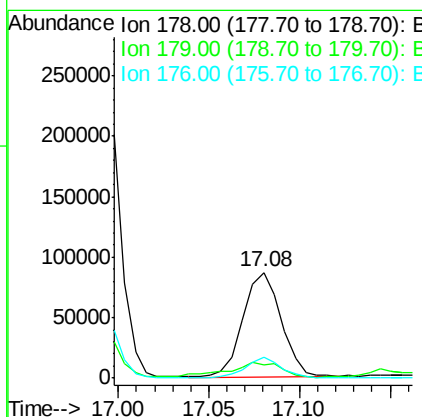
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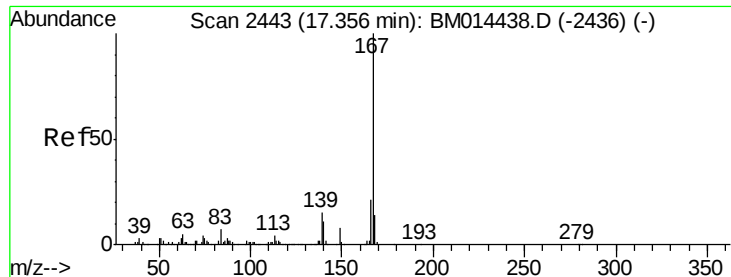
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#71
Anthracene
Concen: 3.764 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	12.9	11.7	17.5
176	19.9	14.6	21.8





#72

Carbazole

Concen: 1.545 ng/ul

RT: 17.37 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Instrument :

BNA_M

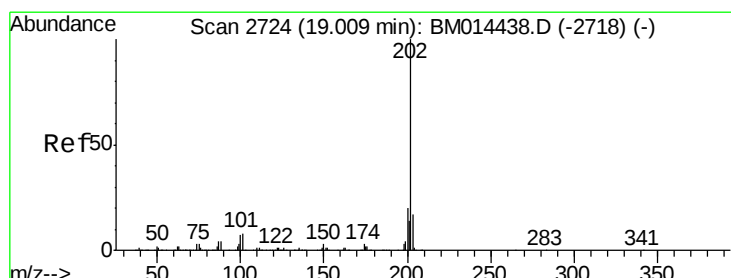
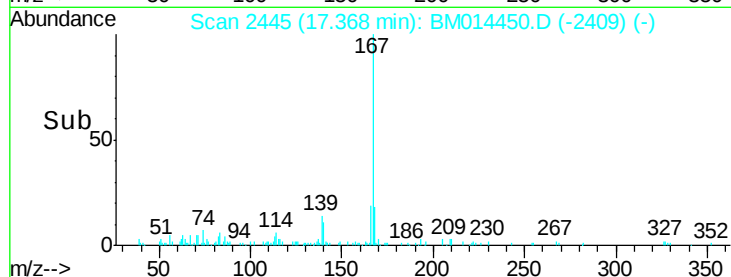
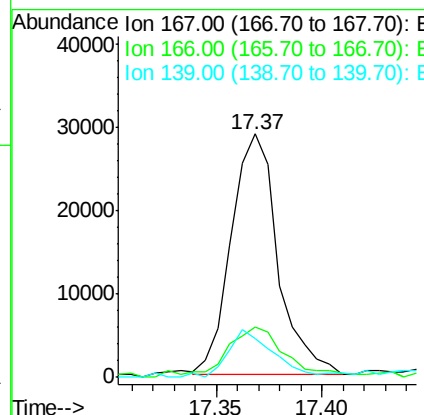
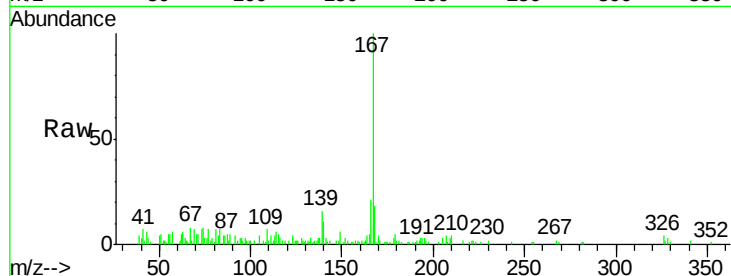
ClientSampleId :

BE5Z2

Tot Ion:	167	Resp:	44135
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.1	25.7
139	16.2	10.0	15.0#

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#74

Fluoranthene

Concen: 24.143 ng/ul

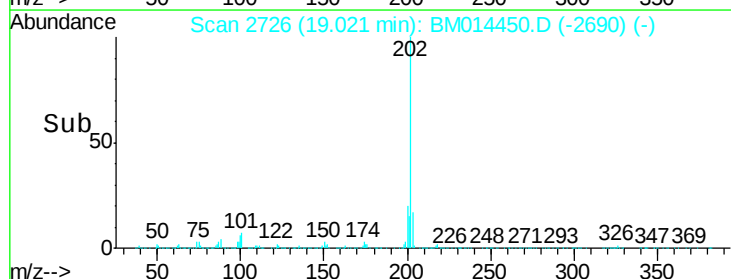
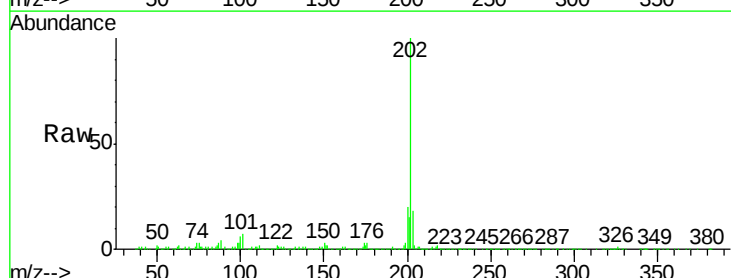
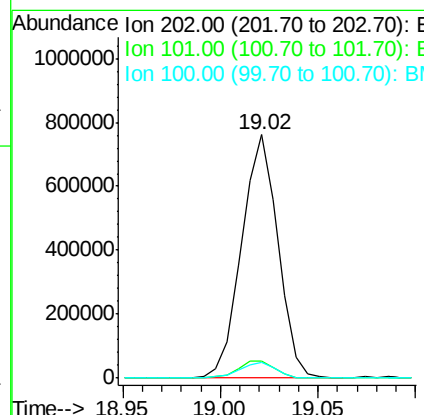
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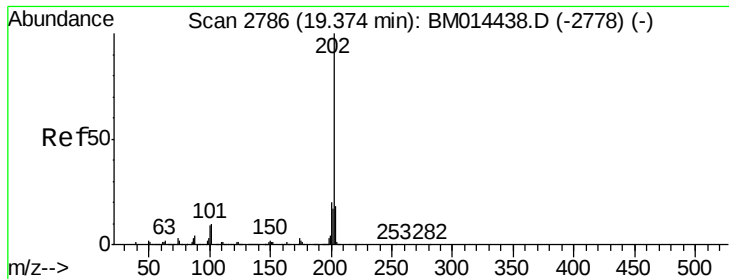
Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Tgt Ion:	202	Resp:	974650
Ion Ratio	Lower	Upper	
202	100		
101	7.1	4.6	7.0#
100	6.4	3.4	5.2#





#77

Pvrene

Concen: 23.060 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Instrument :

BNA_M

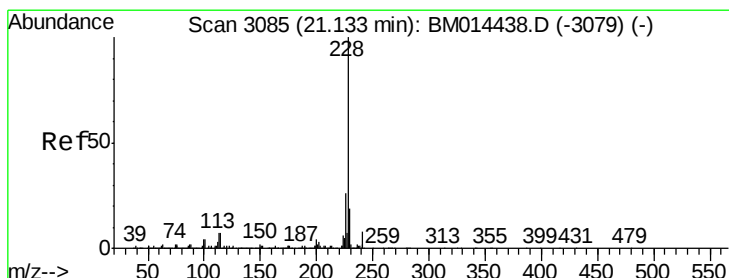
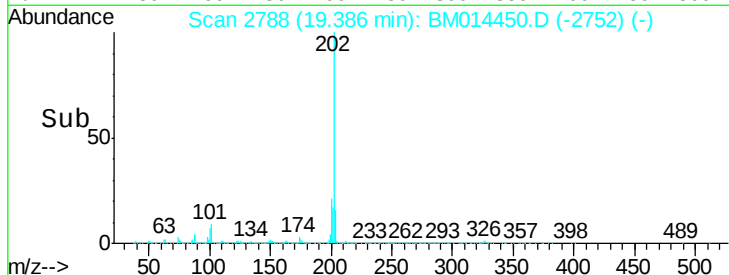
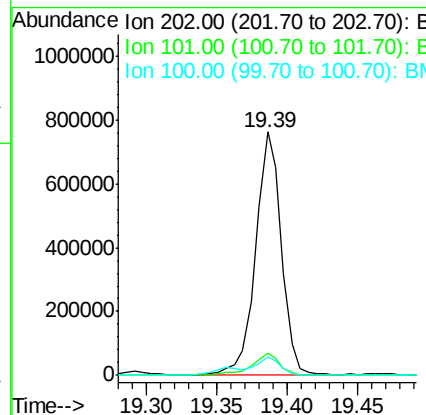
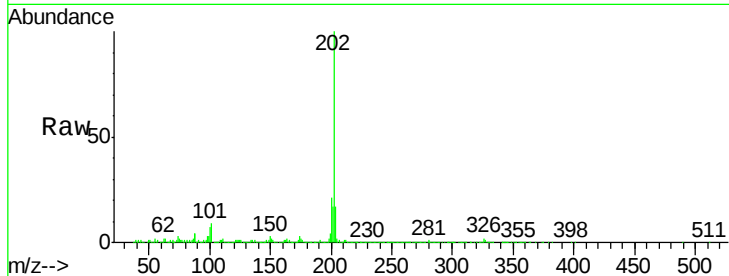
ClientSampleId :

BE5Z2

Tot Ion:	202	Resp:	973496
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.3	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 12.605 ng/ul

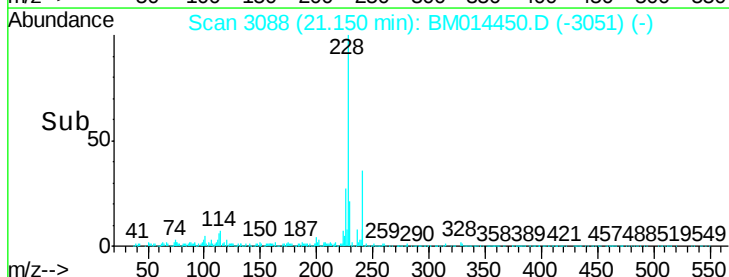
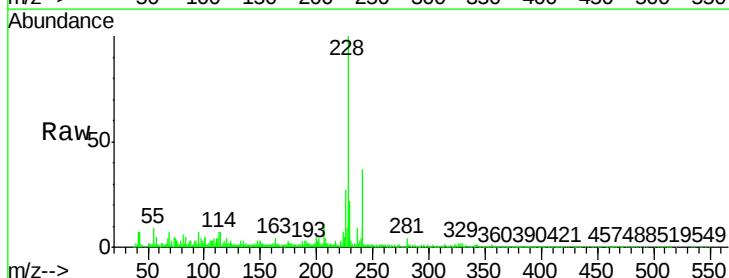
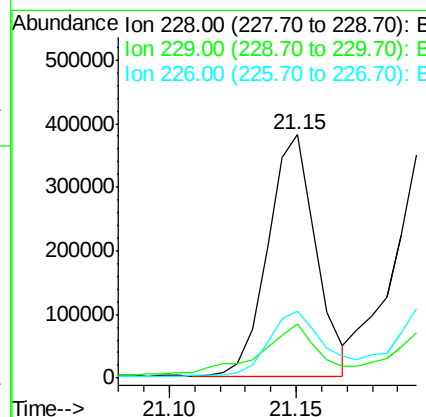
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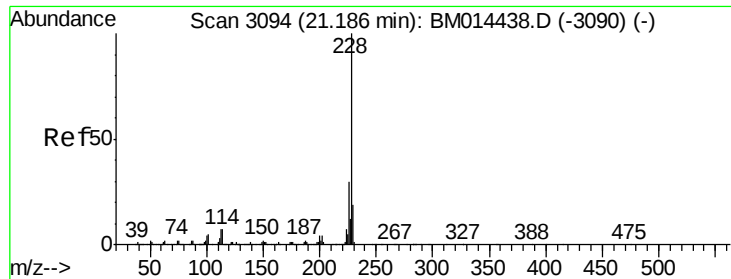
Delta R.T. 0.02 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Tgt Ion:	228	Resp:	499710
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.4	23.0
226	27.3	21.4	32.0





#82

Chrysene

Concen: 13.028 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Instrument :

BNA_M

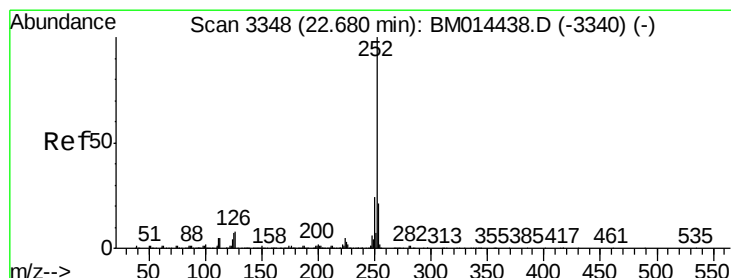
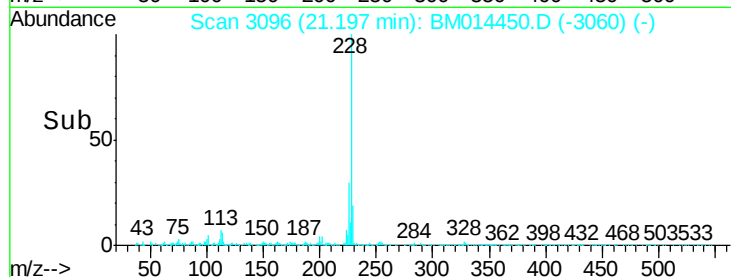
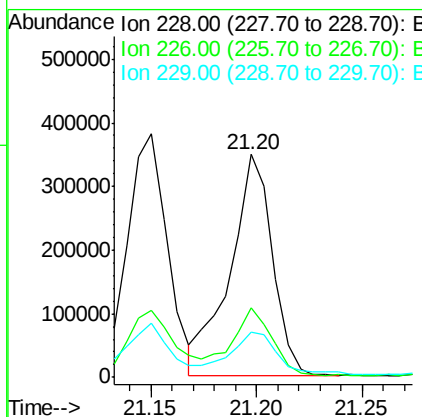
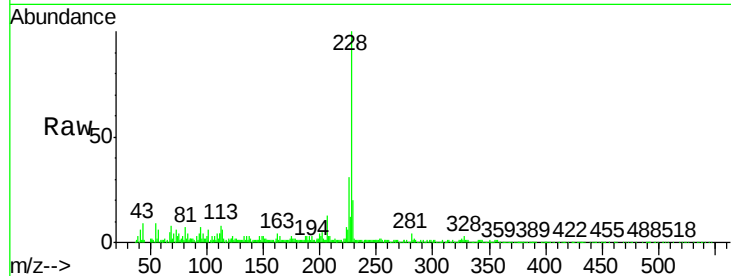
ClientSampled :

BE5Z2

Tot Ion:	228	Resp:	481819
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.2
229	20.4	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 16.625 ng/ul

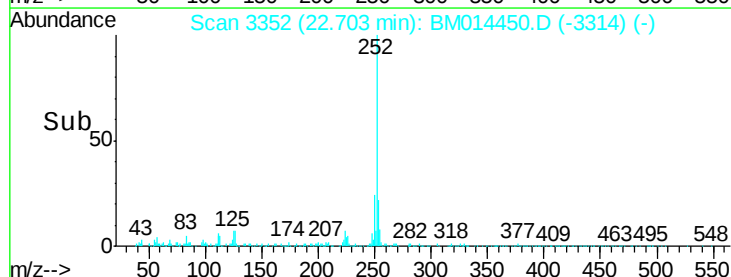
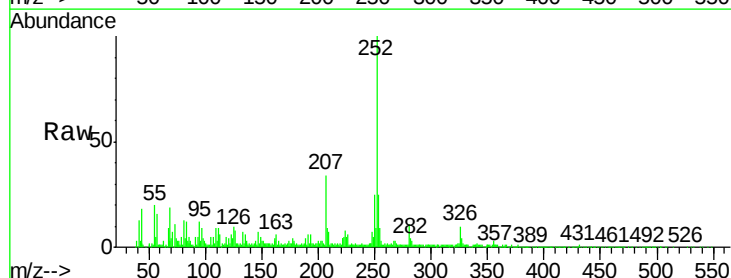
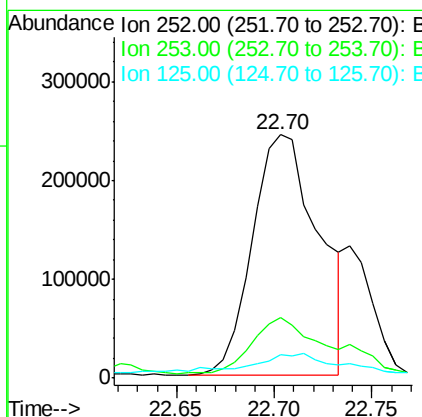
RT: 22.70 min Scan# 3352

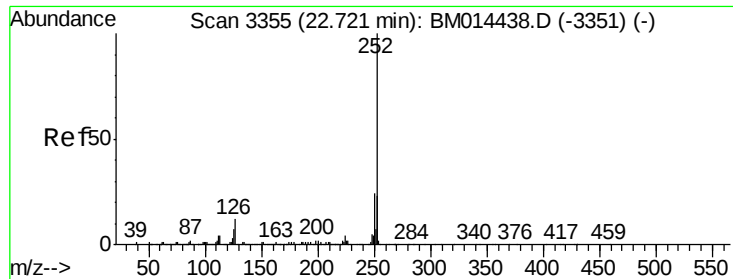
Delta R.T. 0.02 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Tgt Ion:	252	Resp:	575257
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.9	26.9
125	9.8	3.6	5.4#





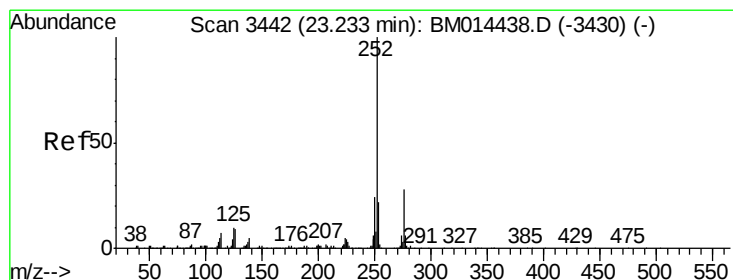
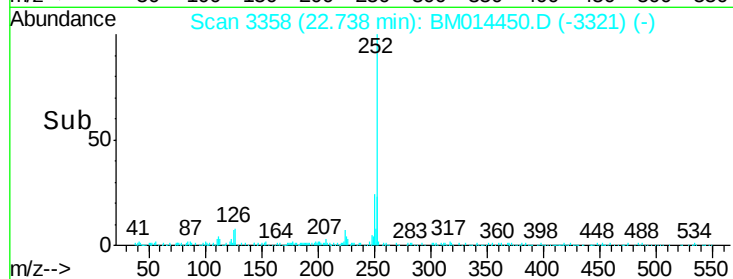
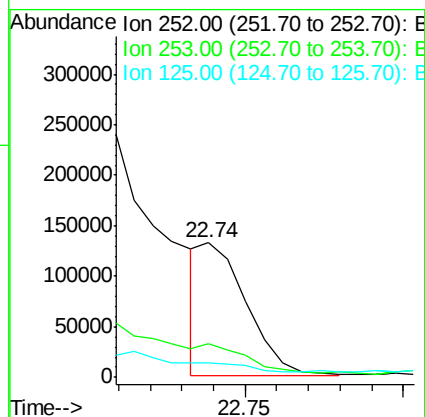
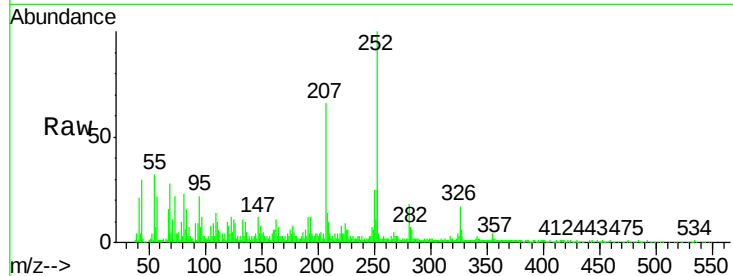
#86
Benzo(k)fluoranthene
Concen: 4.002 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.02 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Instrument :
BNA_M
ClientSampleId :
BE5Z2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	11.2	3.4	5.2#

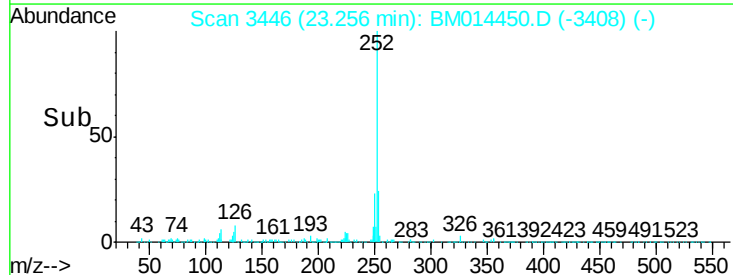
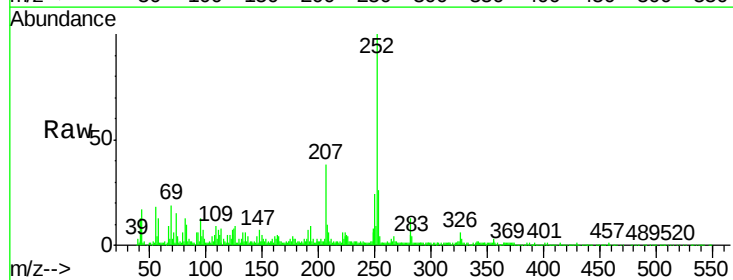
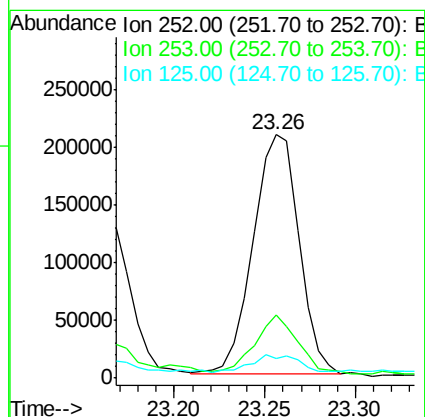
Manual Integrations
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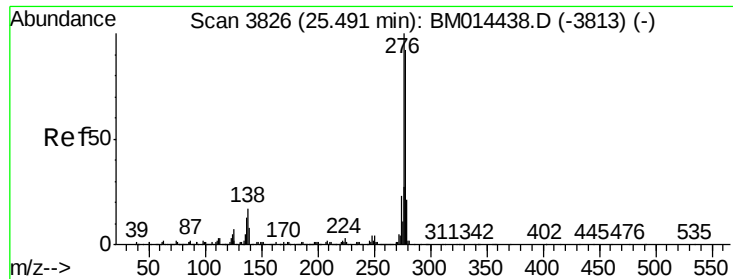
Sohil
3/2/2018 3:32:15 PM



#88
Benzo(a)pyrene
Concen: 11.747 ng/ul
RT: 23.26 min Scan# 3446
Delta R.T. 0.02 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.2
125	7.9	4.0	6.0#





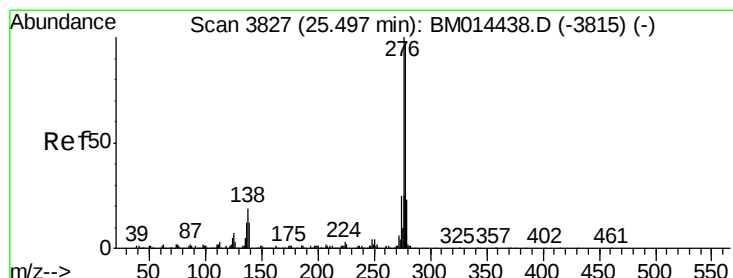
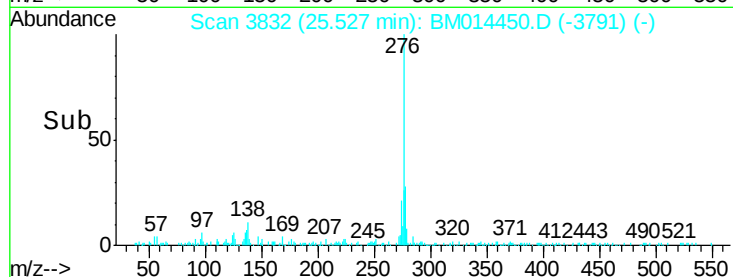
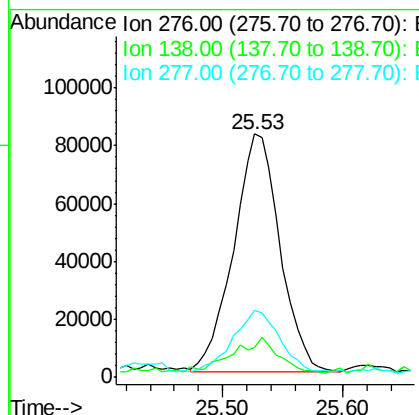
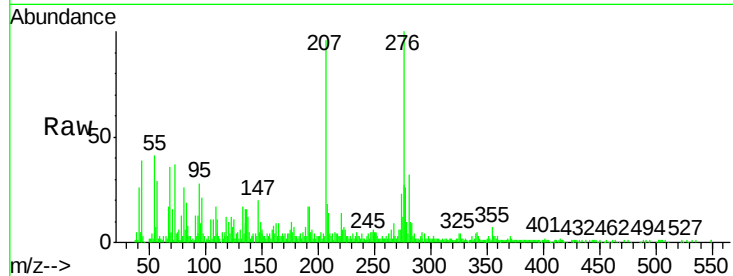
#89
Indeno(1,2,3-cd)pyrene
Concen: 7.261 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.04 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Instrument :
BNA_M
ClientSampleID :
BE5Z2

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.3	13.9
277	27.3	19.9	29.9

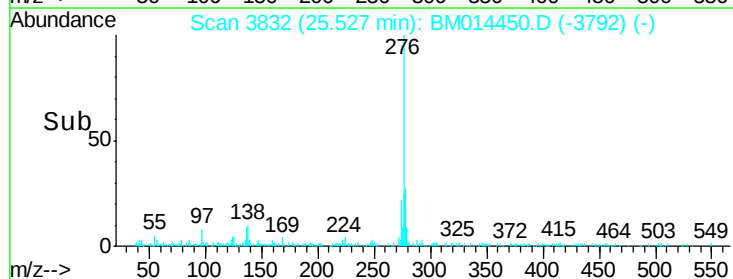
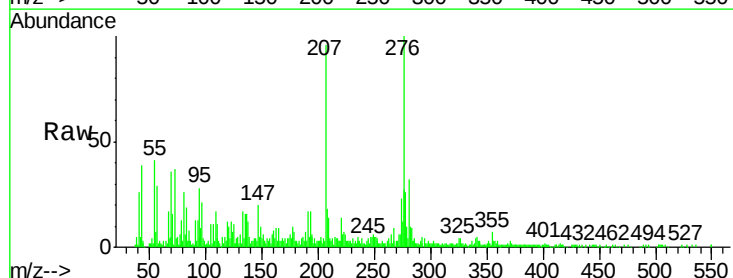
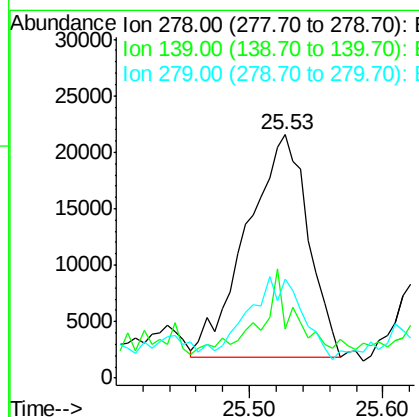
Manual Integrations
APPROVED

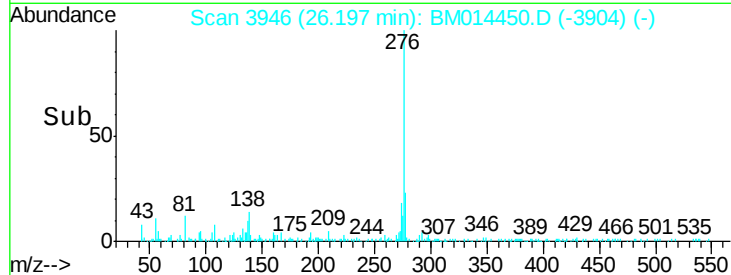
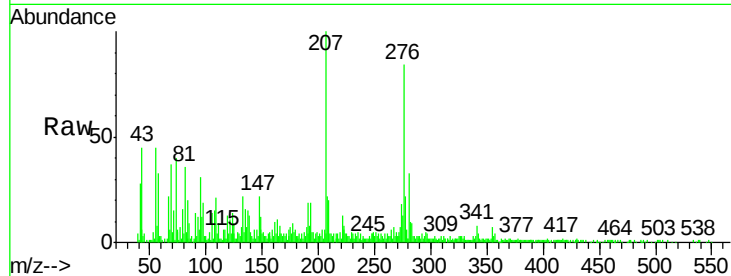
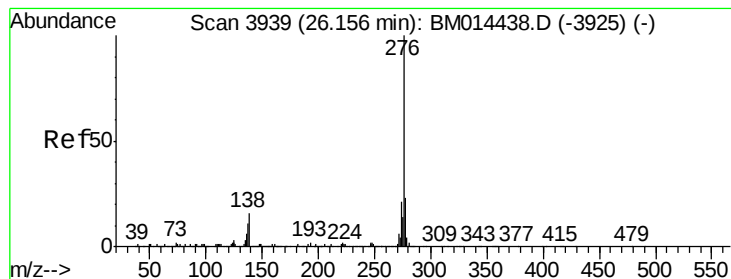
Sohil
3/2/2018 3:32:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.529 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.04 min
Lab File: BM014450.D
Acq: 02 Mar 2018 01:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	5.8	8.8#
279	40.5	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 7.323 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. 0.05 min

Lab File: BM014450.D

Acq: 02 Mar 2018 01:36

Instrument :

BNA_M

ClientSampleId :

BE5Z2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.5	12.7#
277	26.6	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:15 PM

