

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014482.D
 Acq On : 05 Mar 2018 20:47
 Operator : SJ/JU
 Sample : J1679-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7DL

Manual Integrations
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Quant Time: Mar 06 01:23:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	76765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	306340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	170341	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	378315	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	332816	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	324505	20.00	ng/ul	-0.01

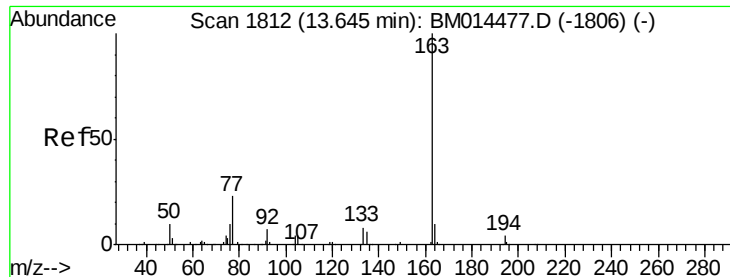
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1554m	0.87	ng/uL	0.01
5) Phenol-d5	6.75	99	24505m	3.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	15574	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	21804	4.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	16459m	2.90	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	10452m	4.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	10118m	4.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	15042m	3.10	ng/ul	0.06
29) 4-Chloroaniline-d4	10.49	131	13899m	2.91	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	62658	4.45	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	79034	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	1027	0.53	ng/ul	0.05
57) Fluorene-d10	15.18	176	51052	4.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	1721m	0.76	ng/ul	0.02
70) Anthracene-d10	17.04	188	76389	4.19	ng/ul	0.00
76) Pyrene-d10	19.35	212	81153	4.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	66041	4.18	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.65	163	19306	1.392	ng/ul#	91
53) Dibenzofuran	14.59	168	29651	1.713	ng/ul	97
58) Fluorene	15.24	166	41716	2.791	ng/ul	98
69) Phenanthrene	16.98	178	620499	28.467	ng/ul	97
71) Anthracene	17.07	178	127467m	5.815	ng/ul	
72) Carbazole	17.37	167	49453	2.683	ng/ul#	96
74) Fluoranthene	19.01	202	686104	26.346	ng/ul#	95
77) Pyrene	19.38	202	524158	23.698	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	242169	11.659	ng/ul	99
82) Chrysene	21.19	228	192819	9.951	ng/ul	94
85) Benzo(b)fluoranthene	22.69	252	257603	11.856	ng/ul#	93
86) Benzo(k)fluoranthene	22.73	252	63264m	3.062	ng/ul	
88) Benzo(a)pyrene	23.24	252	170669	8.790	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	112917	5.993	ng/ul	96
90) Dibenzo(a,h)anthracene	25.51	278	29103m	1.859	ng/ul	
91) Benzo(g,h,i)perylene	26.18	276	98695	6.466	ng/ul	97

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



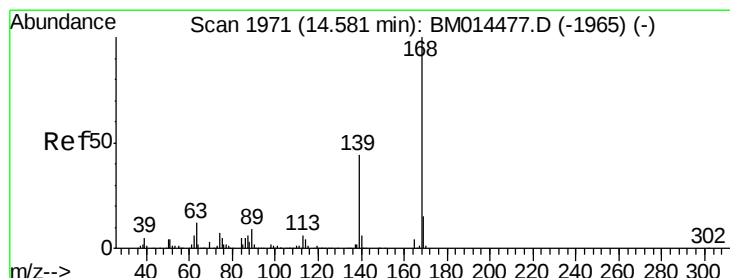
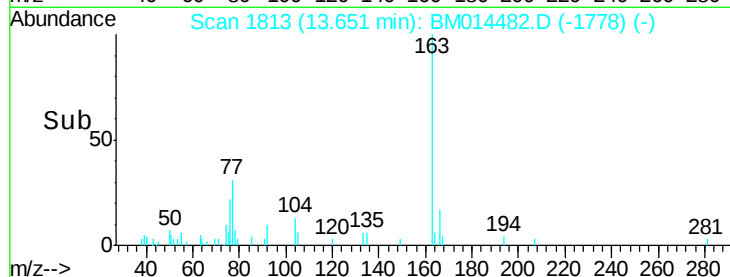
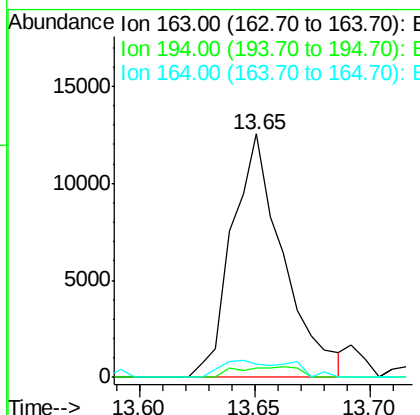
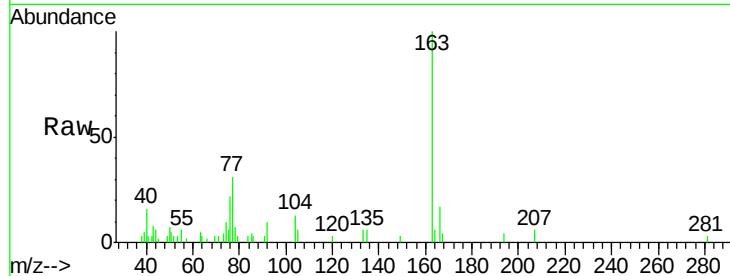
#44
Dimethylphthalate
Concen: 1.392 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Instrument :
BNA_M
ClientSampleId :
BE5Z7DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	5.6	8.2	12.4#

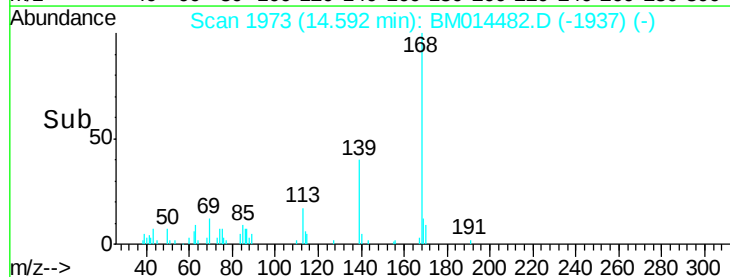
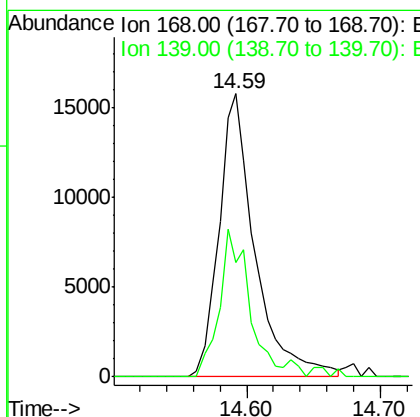
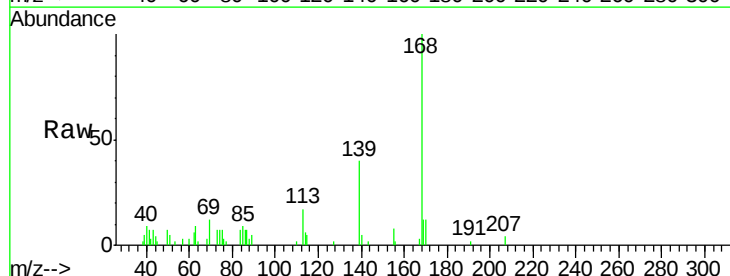
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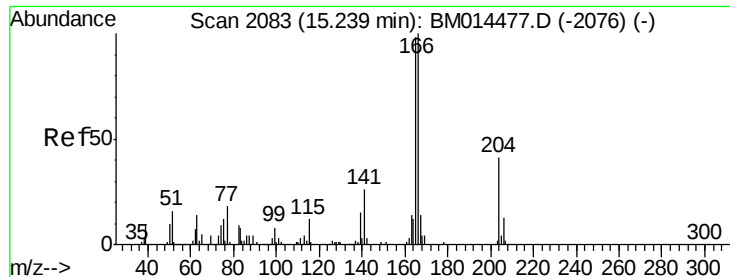
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#53
Dibenzofuran
Concen: 1.713 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.8	46.2





#58

Fluorene

Concen: 2.791 ng/ul

RT: 15.24 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BM014482.D

Acq: 05 Mar 2018 20:47

Instrument :

BNA_M

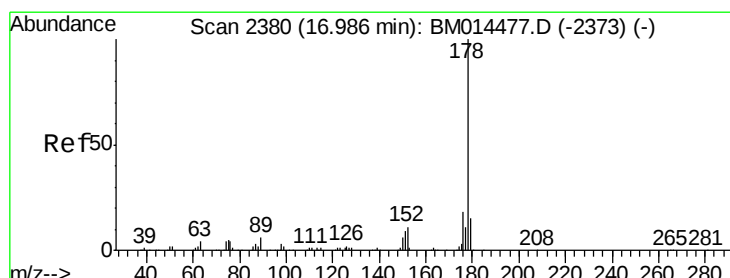
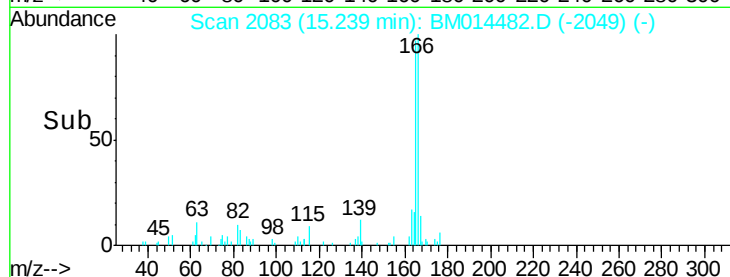
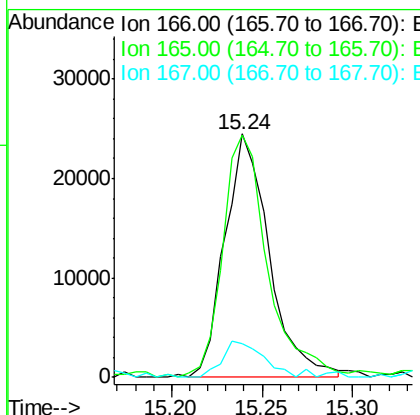
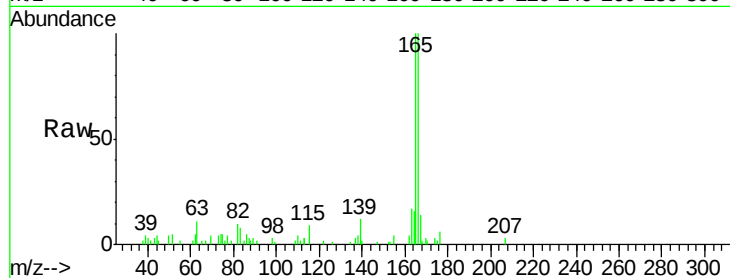
ClientSampleId :

BE5Z7DL

Tot Ion:	166	Resp:	41716
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.9	116.9
167	14.1	10.6	16.0

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#69

Phenanthrene

Concen: 28.467 ng/ul

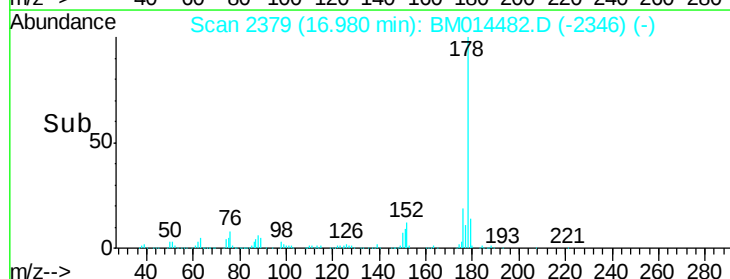
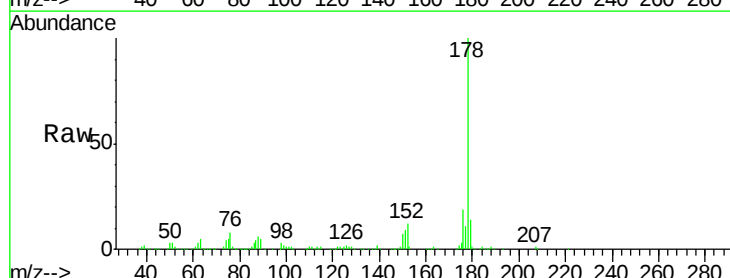
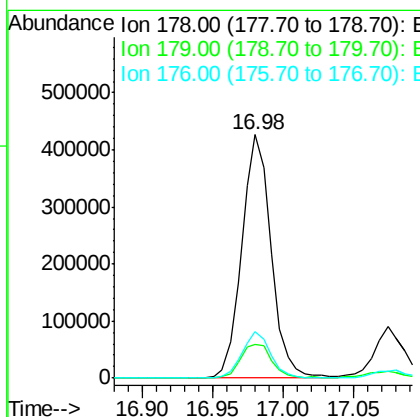
RT: 16.98 min Scan# 2379

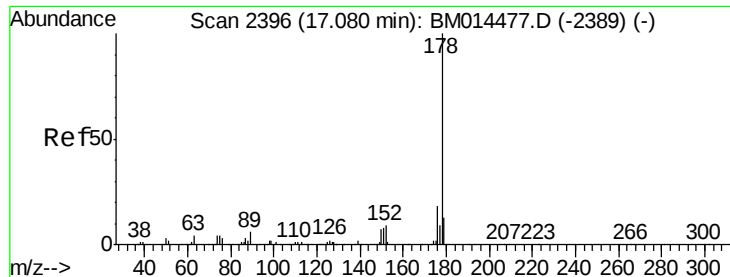
Delta R.T. -0.01 min

Lab File: BM014482.D

Acq: 05 Mar 2018 20:47

Tgt Ion:	178	Resp:	620499
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.6	19.0
176	19.3	14.9	22.3





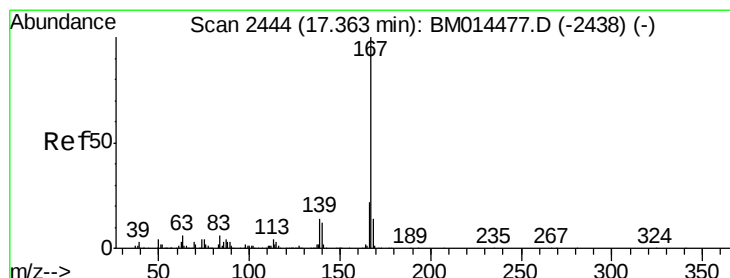
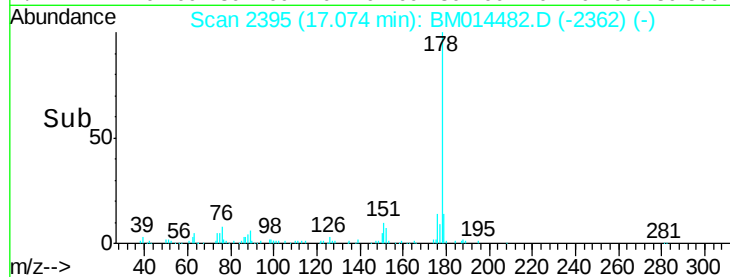
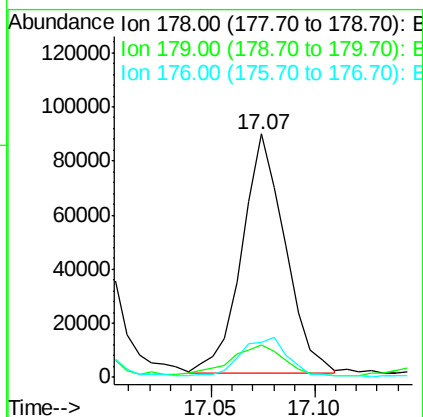
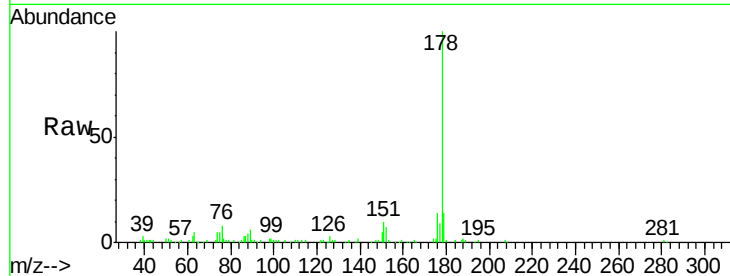
#71
 Anthracene
 Concen: 5.815 ng/ul m
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BM014482.D
 Acq: 05 Mar 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.5	11.7	17.5
176	14.4	14.6	21.8#

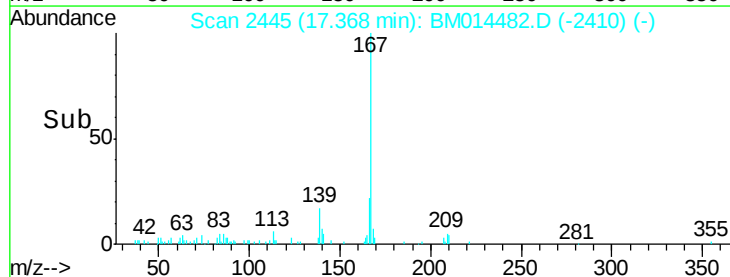
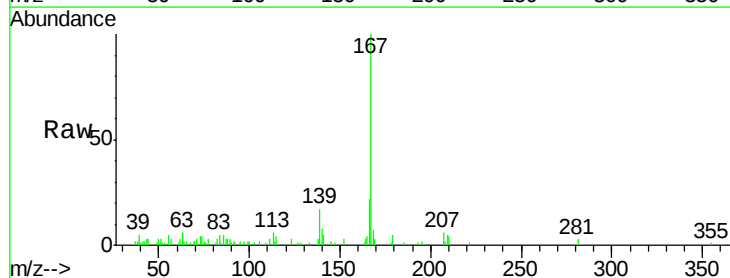
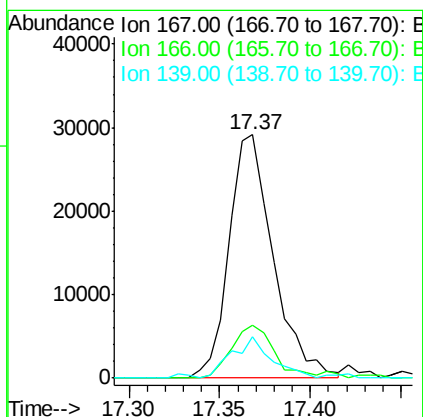
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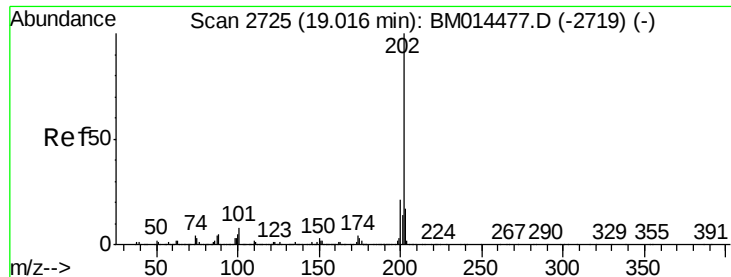
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#72
 Carbazole
 Concen: 2.683 ng/ul
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM014482.D
 Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	16.9	10.0	15.0#





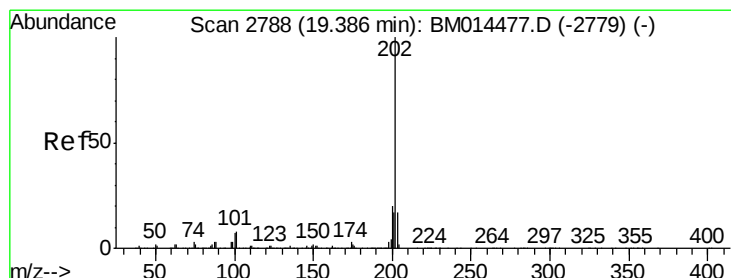
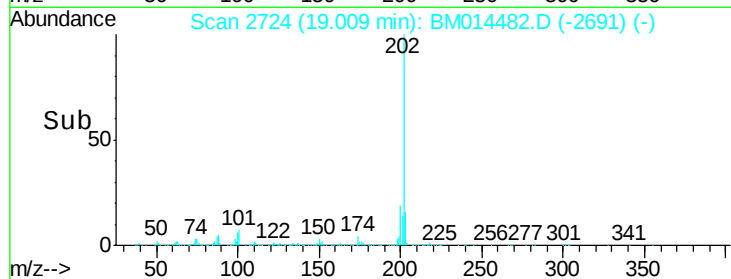
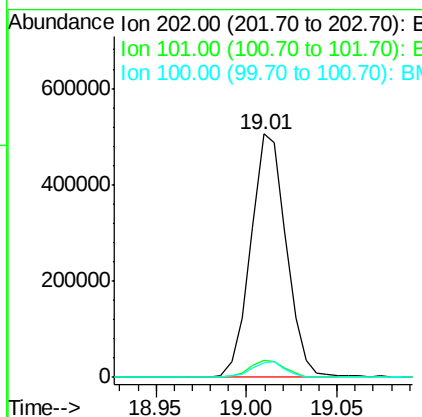
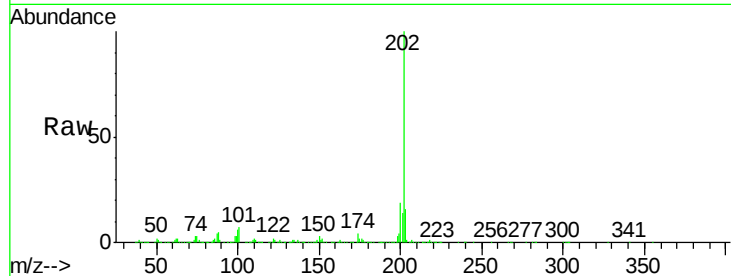
#74
 Fluoranthene
 Concen: 26.346 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM014482.D
 Acq: 05 Mar 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	686104		
101	7.2	4.6	7.0#	
100	6.1	3.4	5.2#	

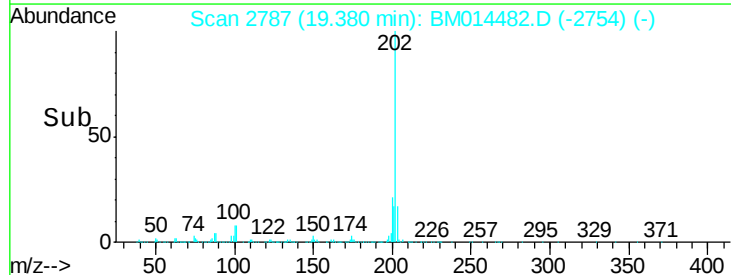
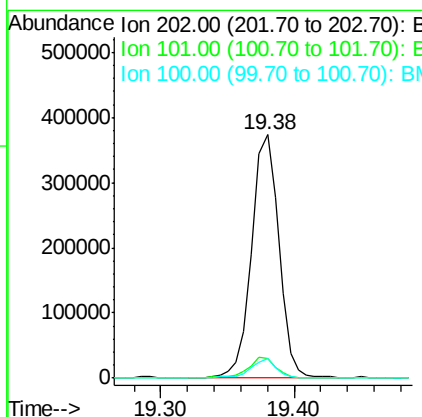
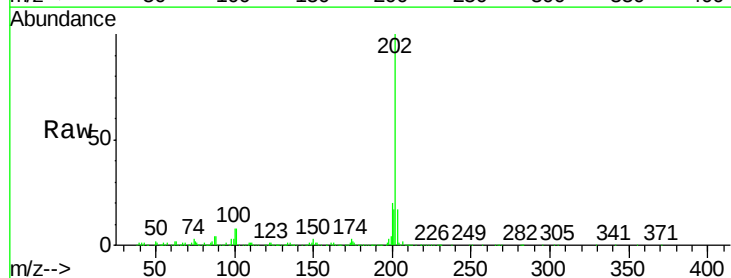
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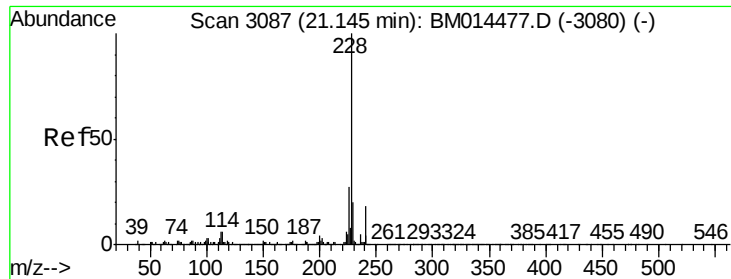
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#77
 Pyrene
 Concen: 23.698 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BM014482.D
 Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	524158		
101	8.1	5.1	7.7#	
100	8.1	4.9	7.3#	





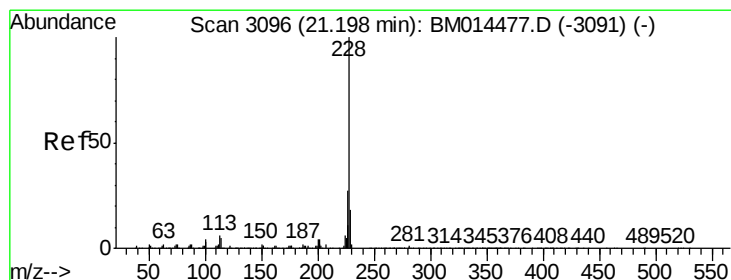
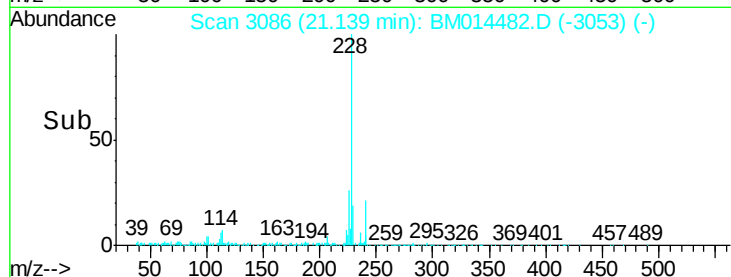
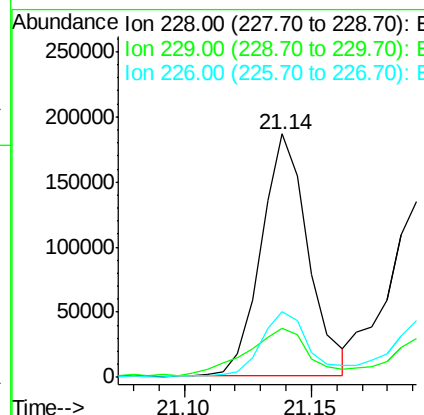
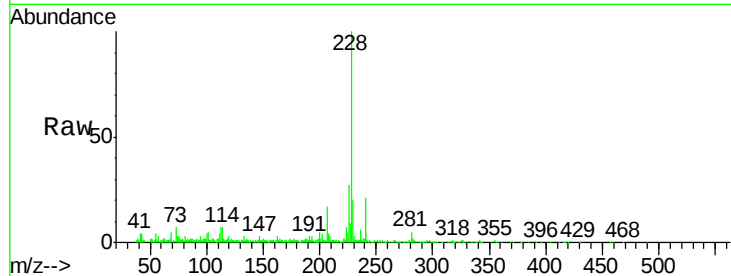
#80
Benzo(a)anthracene
Concen: 11.659 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Instrument :
BNA_M
ClientSampled :
BE5Z7DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.8	21.4	32.0

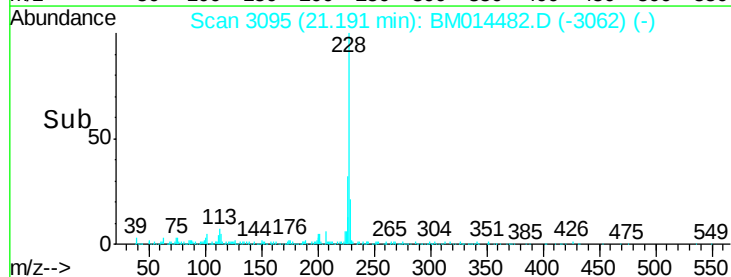
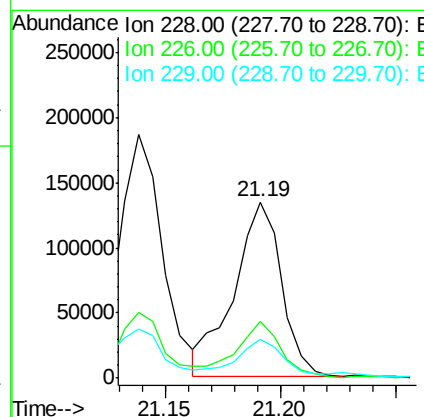
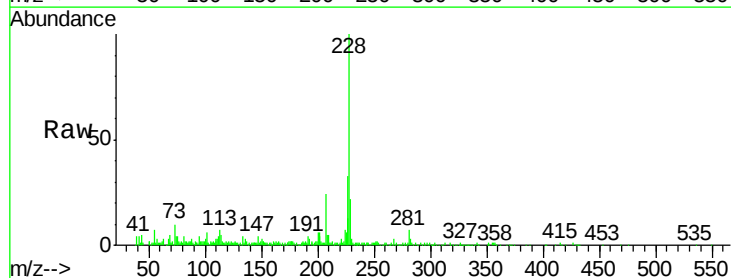
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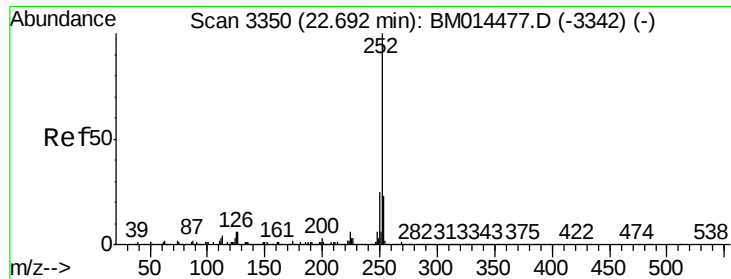
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#82
Chrysene
Concen: 9.951 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	21.7	15.5	23.3





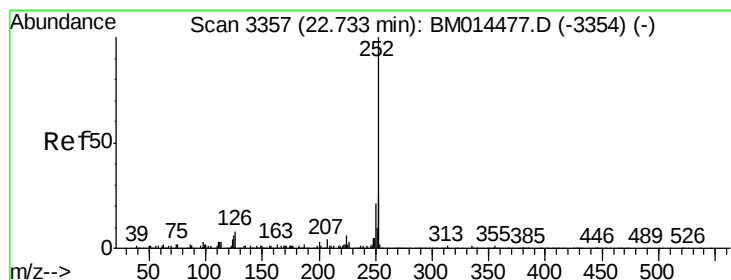
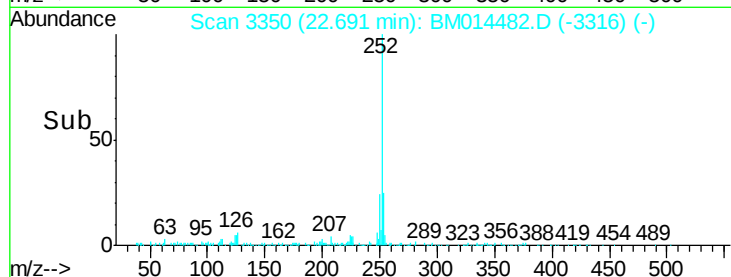
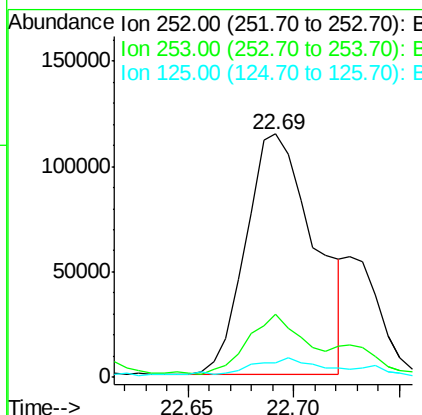
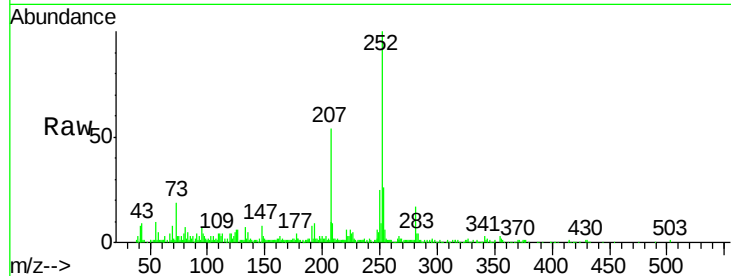
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Benzo(b)fluoranthene
Concen: 11.856 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Instrument :
BNA_M
ClientSampleId :
BE5Z7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	5.9	3.6	5.4

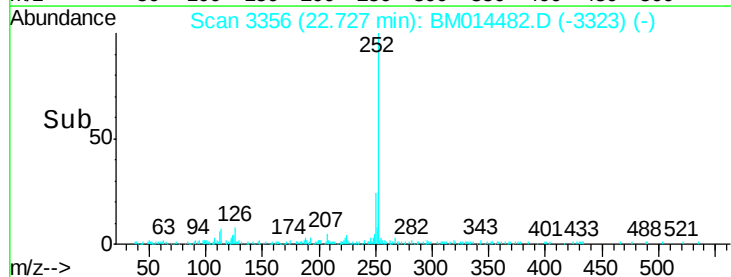
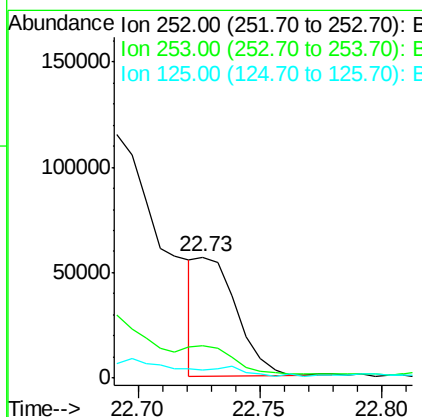
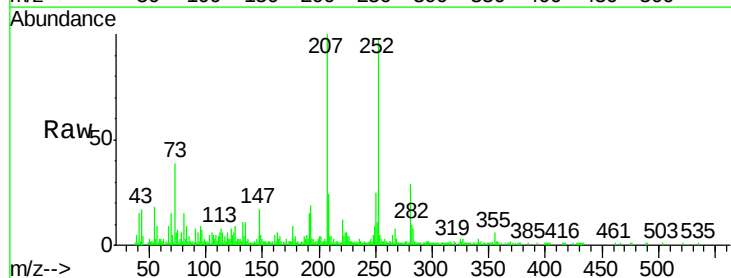
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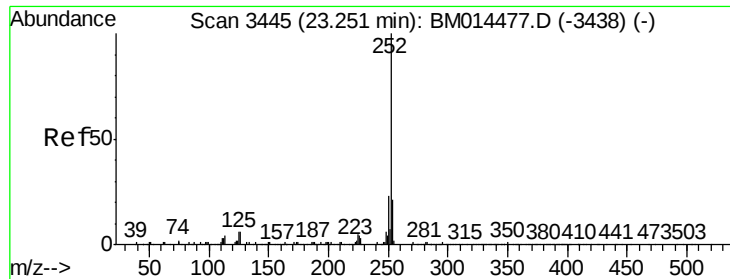
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#86
Benzo(k)fluoranthene
Concen: 3.062 ng/ul m
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7
125	6.3	3.4	5.2





#88

Benzo(a)pyrene

Concen: 8.790 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014482.D

Acq: 05 Mar 2018 20:47

Instrument :

BNA_M

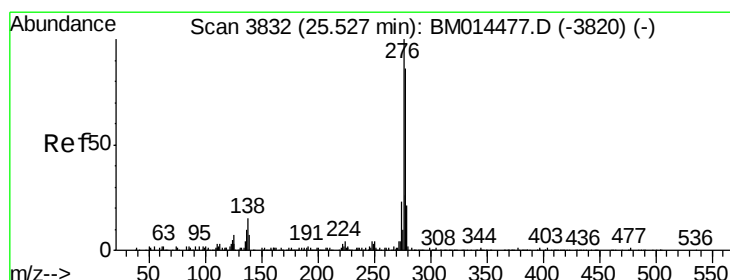
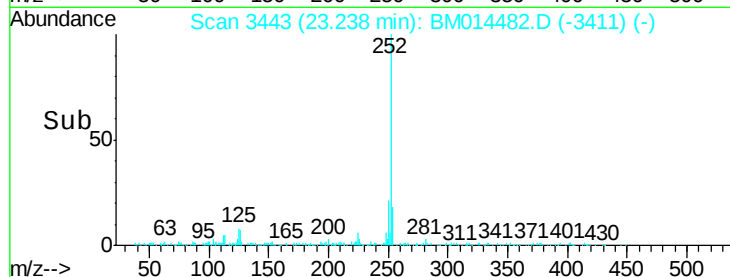
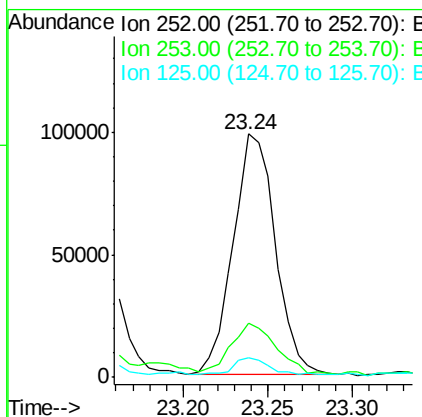
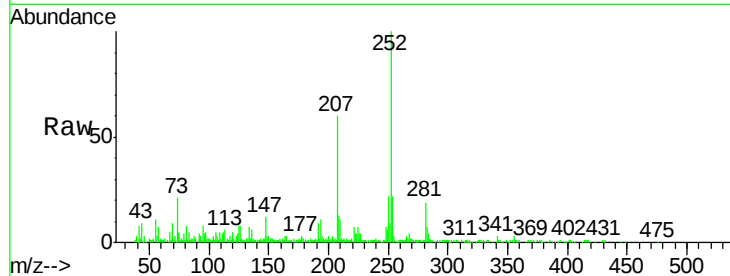
ClientSampleId :

BE5Z7DL

Tot Ion:	252	Resp:	170669
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	7.8	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.993 ng/ul

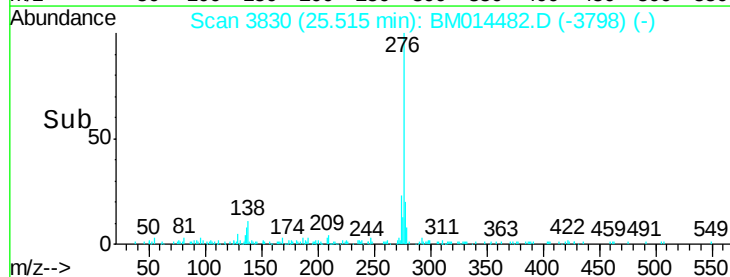
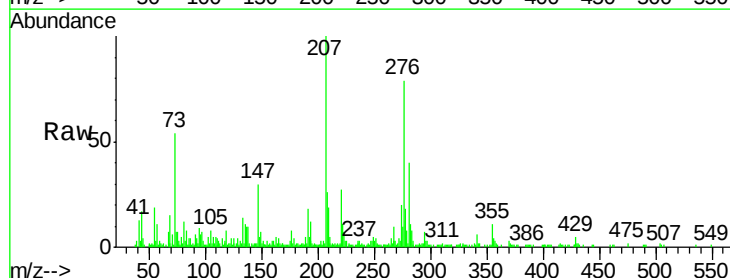
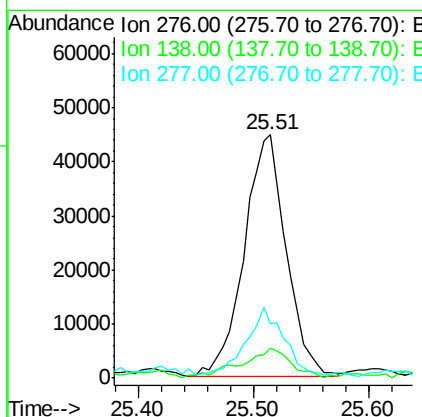
RT: 25.51 min Scan# 3830

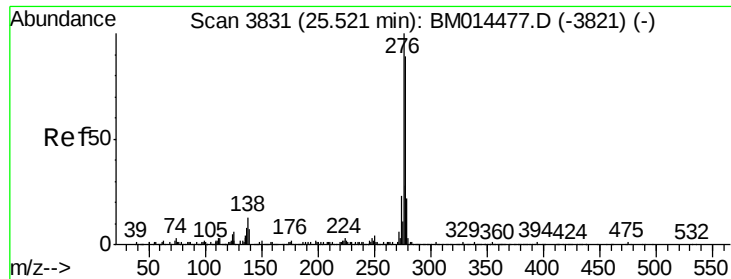
Delta R.T. -0.01 min

Lab File: BM014482.D

Acq: 05 Mar 2018 20:47

Tgt Ion:	276	Resp:	112917
Ion Ratio	Lower	Upper	
276	100		
138	12.2	9.3	13.9
277	22.4	19.9	29.9





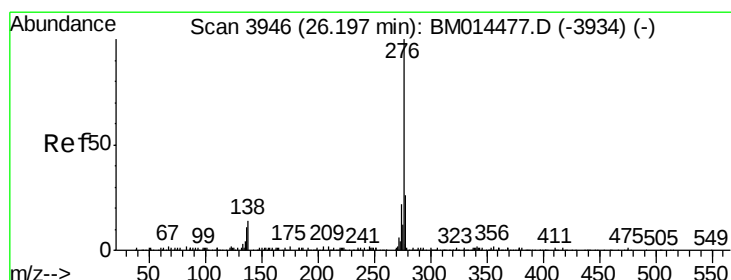
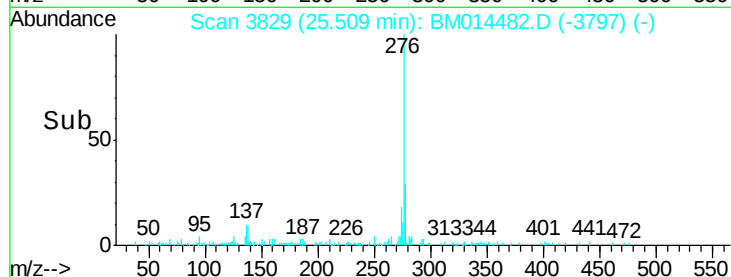
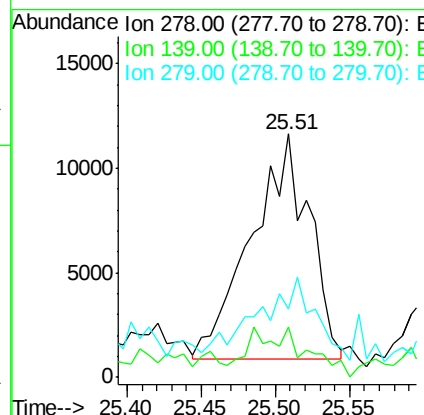
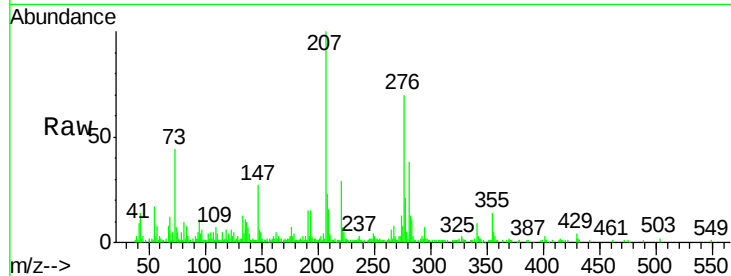
#90
Dibenzo(a,h)anthracene
Concen: 1.859 ng/ul m
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Instrument :
BNA_M
ClientSampleId :
BE5Z7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	5.8	8.8#
279	28.1	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/6/2018 5:47:09 PM



#91
Benzo(g,h,i)perylene
Concen: 6.466 ng/ul
RT: 26.18 min Scan# 3943
Delta R.T. -0.02 min
Lab File: BM014482.D
Acq: 05 Mar 2018 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.5	12.7
277	25.5	18.6	28.0

