

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013485.D
 Acq On : 16 Dec 2017 20:09
 Operator : SJ/JU
 Sample : I6776-18DL 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A47DL

Manual Integrations
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Sohil
 12/18/2017 2:11:02 PM

Quant Time: Dec 18 03:49:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 03:13:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	224579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	983997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	569950	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1185384	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	966549	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	823875	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1259	0.28	ng/uL	0.00
5) Phenol-d5	6.86	99	19446	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	13042	1.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	17058	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	17092	1.03	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	9789	1.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	9660	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	17030	0.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	3691m	0.23	ng/ul	0.03
43) Dimethylphthalate-d6	13.73	166	60049	1.18	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	78700	1.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	4599m	0.52	ng/ul	0.02
57) Fluorene-d10	15.31	176	54336	1.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	3112	0.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	80898	1.36	ng/ul	0.00
76) Pyrene-d10	19.46	212	77969	1.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	52140	1.24	ng/ul	0.00

Target Compounds

					Qvalue	
47) Acenaphthylene	14.04	152	195993	3.384	ng/ul	99
49) Acenaphthene	14.38	153	70638	1.790	ng/ul	96
68) Pentachlorophenol	16.72	266	145332	16.352	ng/ul	99
69) Phenanthrene	17.11	178	604437	8.975	ng/ul	100
71) Anthracene	17.20	178	465248	6.759	ng/ul	99
72) Carbazole	17.47	167	67633	1.142	ng/ul	98
74) Fluoranthene	19.13	202	1689759	20.475	ng/ul#	92
77) Pyrene	19.49	202	2107244	35.886	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	972844	15.864	ng/ul	96
82) Chrysene	21.30	228	1064661m	18.713	ng/ul	
85) Benzo(b)fluoranthene	22.82	252	2442260	43.974	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	596885m	11.420	ng/ul	
88) Benzo(a)pyrene	23.39	252	1077028	21.588	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	654032	13.212	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.70	278	165344m	3.923	ng/ul	
91) Benzo(g,h,i)perylene	26.39	276	548765	14.054	ng/ul#	95

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

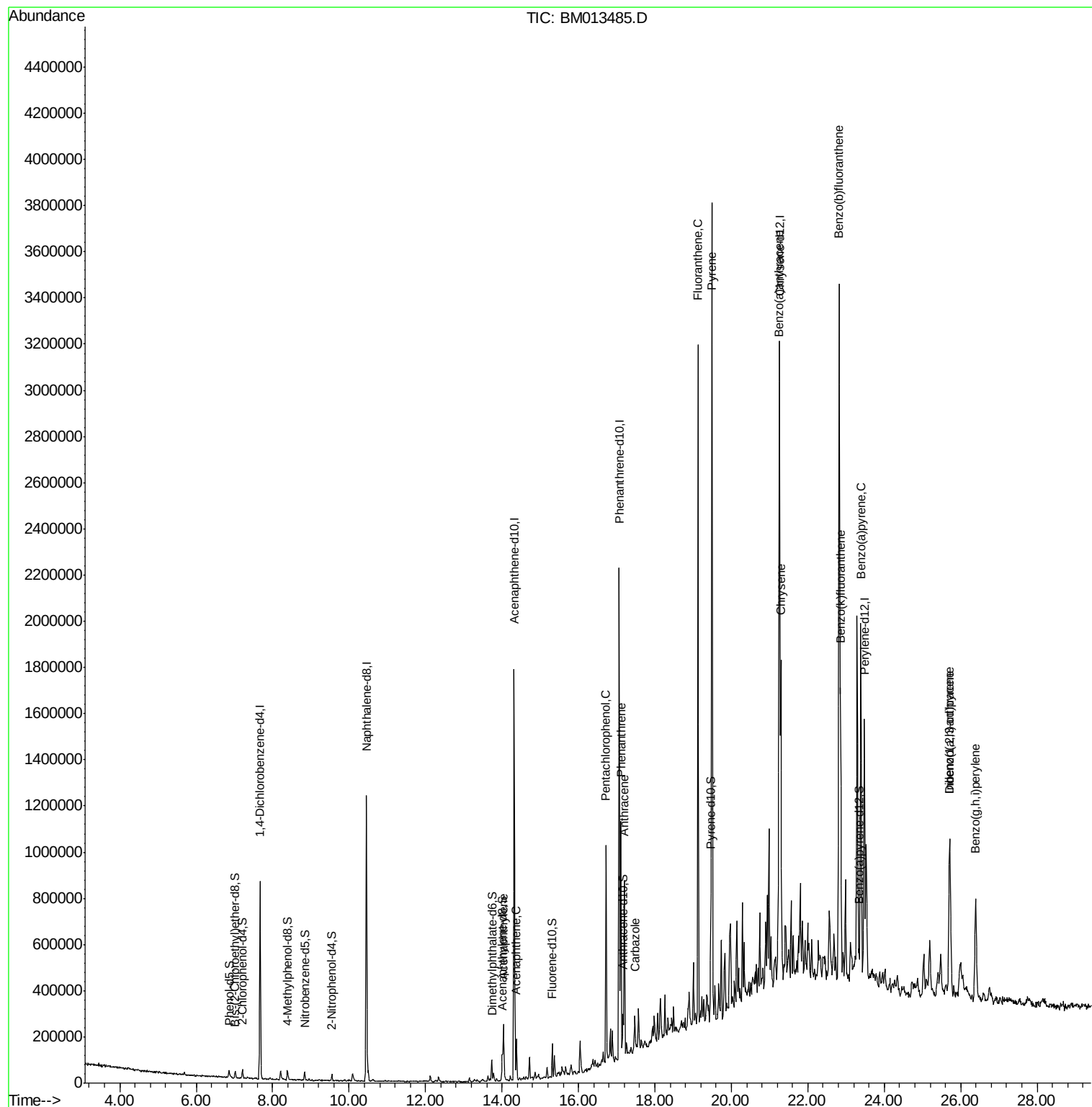
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013485.D
Acq On : 16 Dec 2017 20:09
Operator : SJ/JU
Sample : I6776-18DL 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

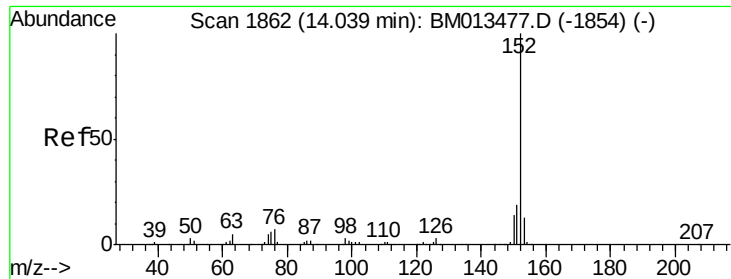
Instrument :
BNA_M
ClientSampleId :
F9A47DL

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Quant Time: Dec 18 03:49:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





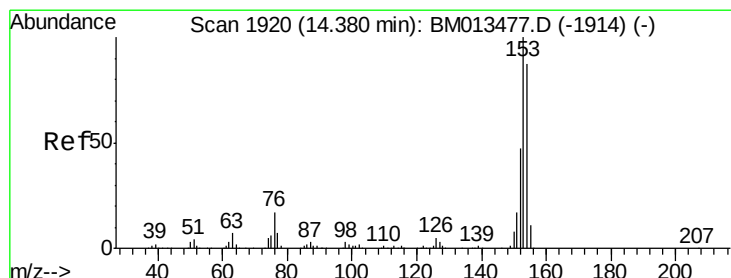
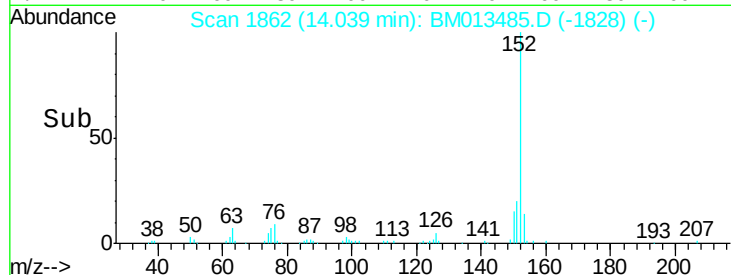
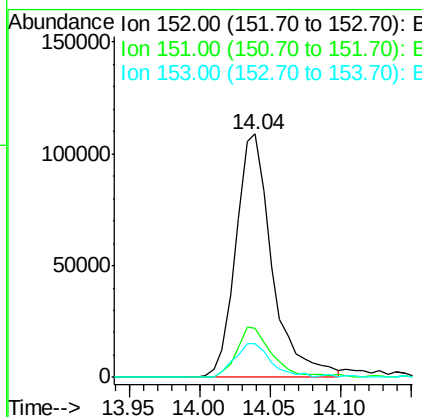
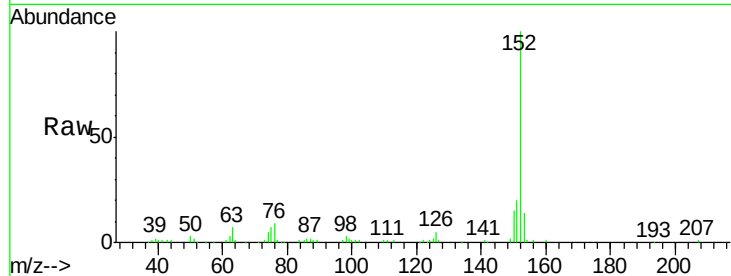
#47
Acenaphthylene
Concen: 3.384 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	195993		
151	20.0		16.3	24.5
153	13.8		10.2	15.4

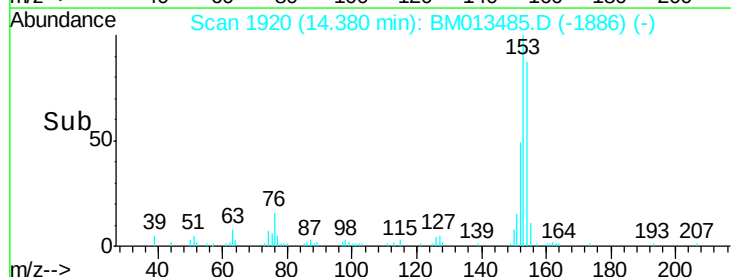
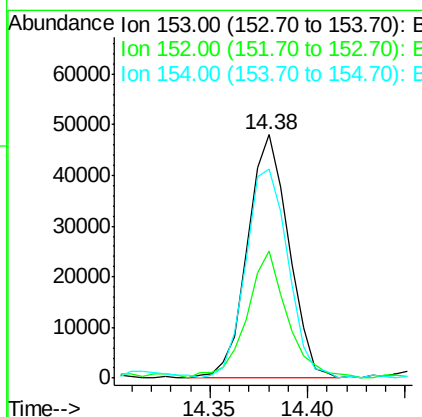
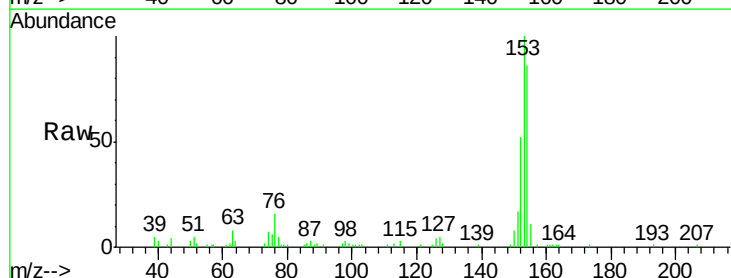
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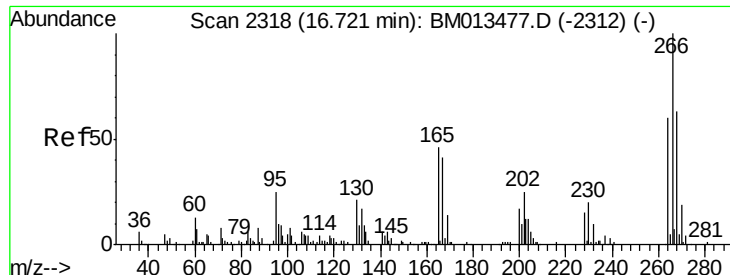
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#49
Acenaphthene
Concen: 1.790 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	70638		
152	52.0		37.6	56.4
154	85.6		70.4	105.6





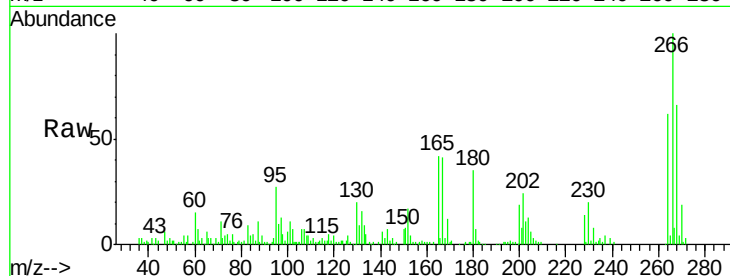
#68
 Pentachlorophenol
 Concen: 16.352 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Instrument :
 BNA_M
 ClientSampleID :
 F9A47DL

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145332		
264	62.4	49.3	73.9	
268	65.6	52.6	78.8	

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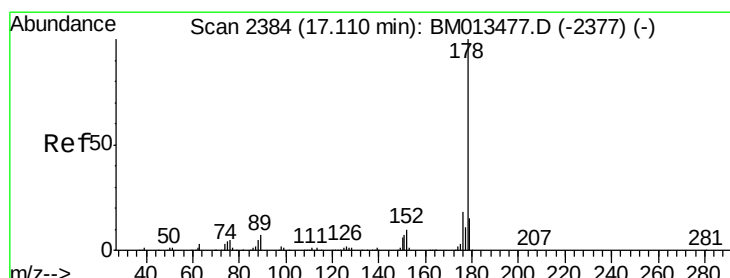
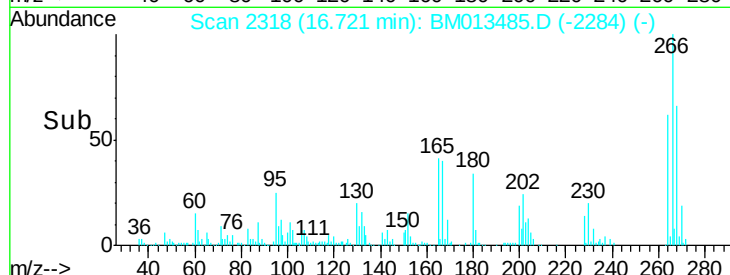
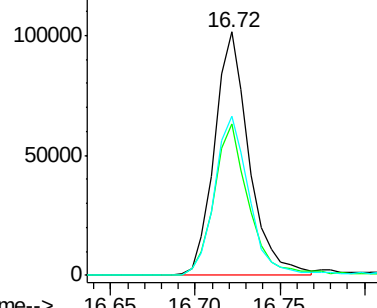


Abundance

Ion 265.70 (265.40 to 266.40): E

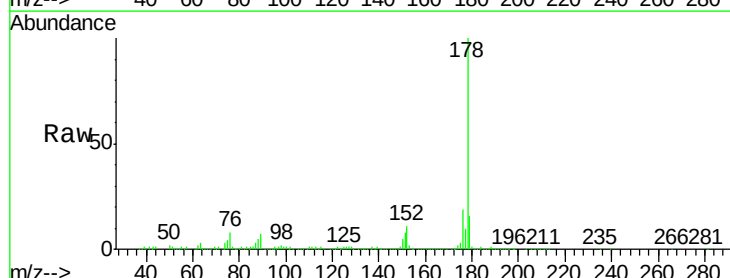
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 8.975 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	604437		
179	15.6	12.6	19.0	
176	18.5	14.9	22.3	

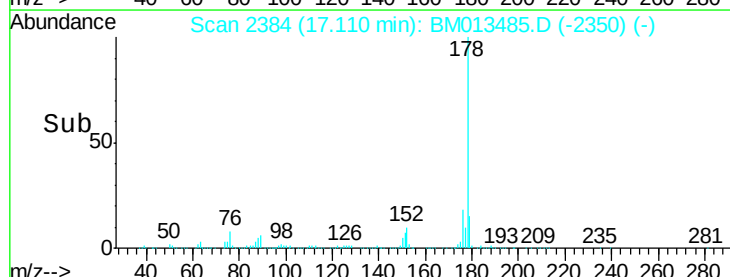
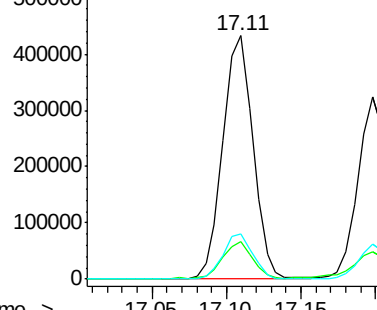


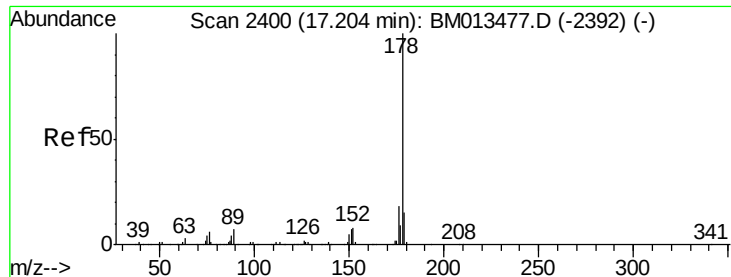
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





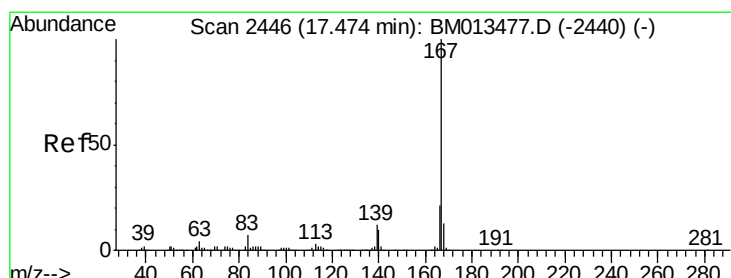
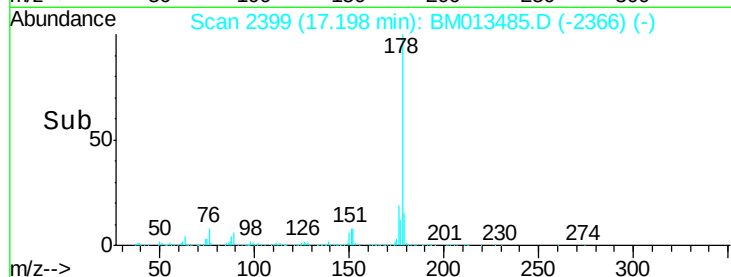
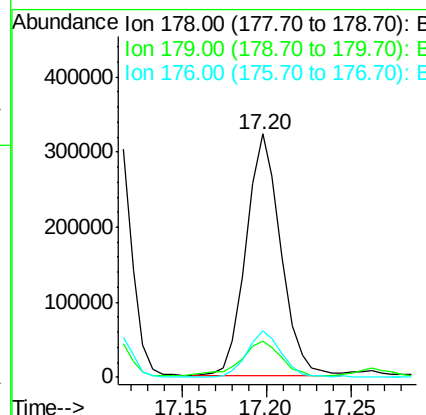
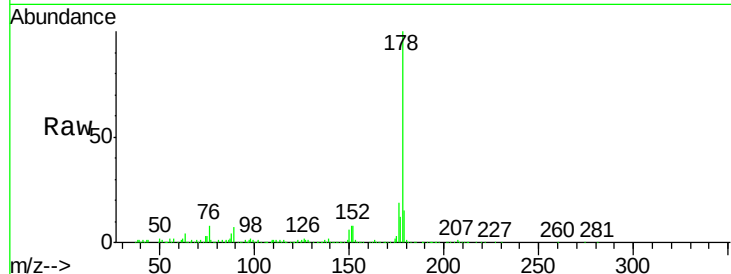
#71
 Anthracene
 Concen: 6.759 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Instrument :
 BNA_M
 ClientSampleId :
 F9A47DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.9	14.6	21.8

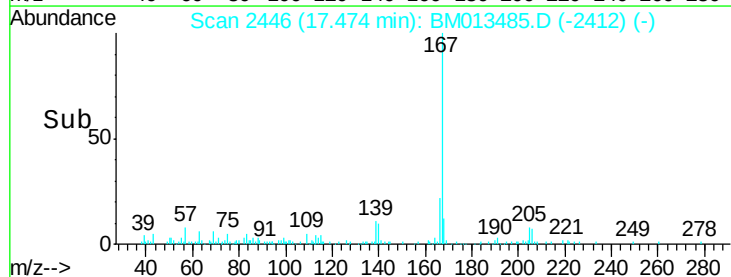
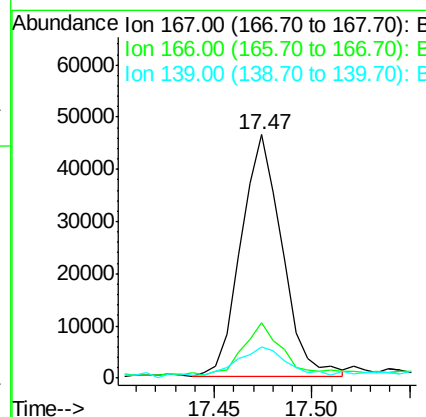
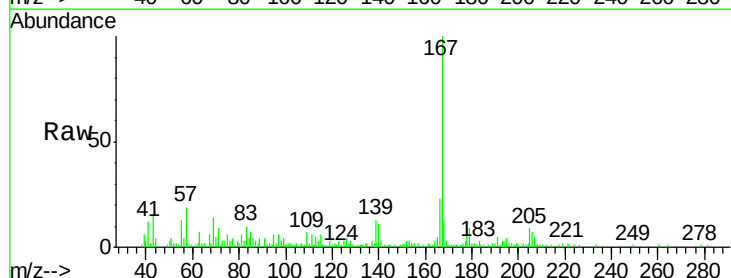
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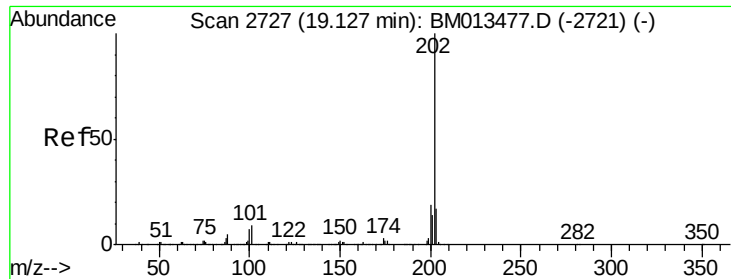
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#72
 Carbazole
 Concen: 1.142 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.1	25.7
139	12.9	10.0	15.0





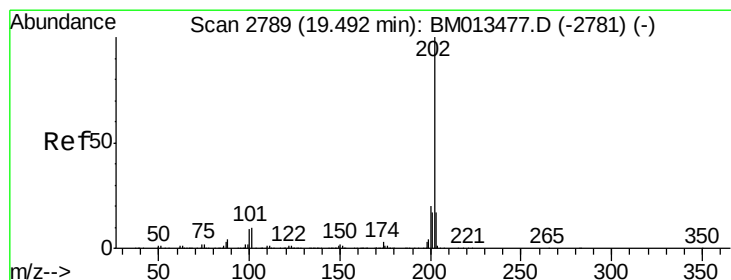
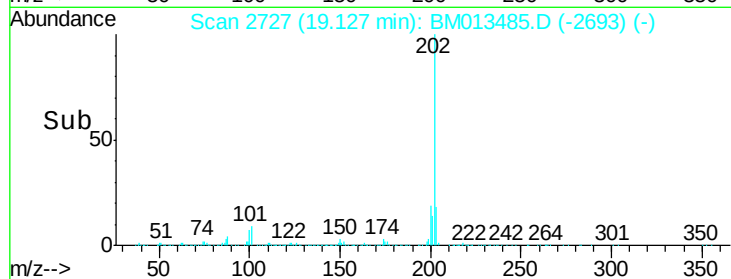
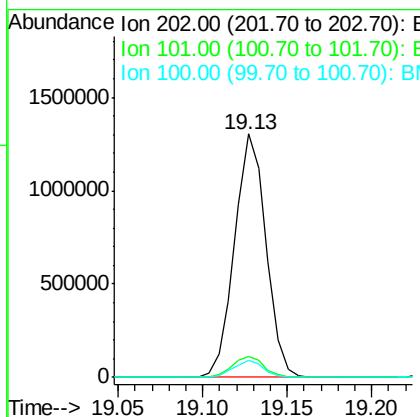
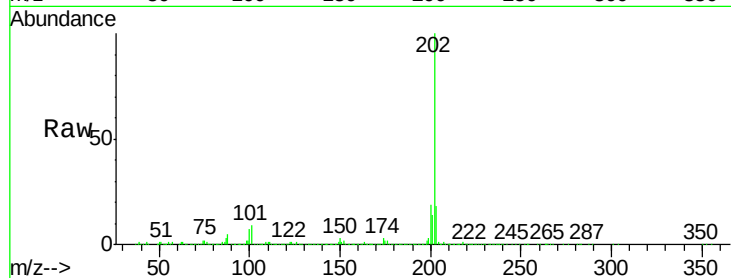
#74
 Fluoranthene
 Concen: 20.475 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Instrument :
 BNA_M
 ClientSampleId :
 F9A47DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#

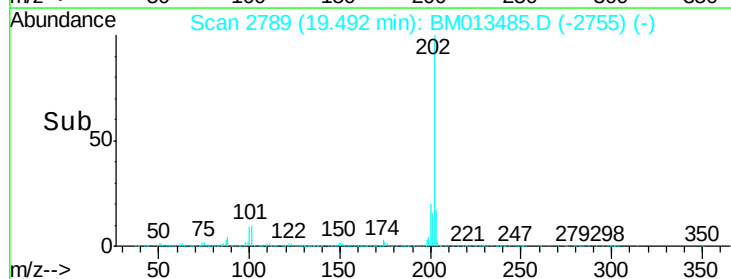
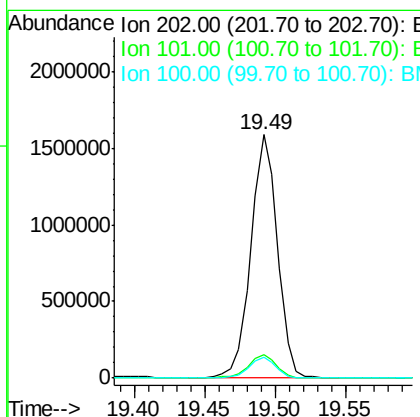
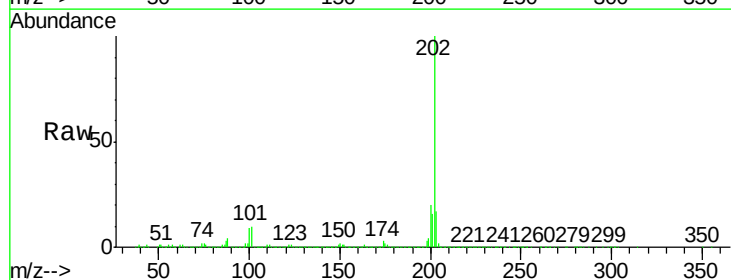
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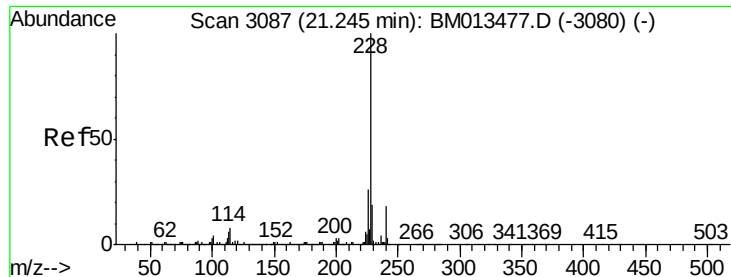
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#77
 Pyrene
 Concen: 35.886 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013485.D
 Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.7	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 15.864 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013485.D

Acq: 16 Dec 2017 20:09

Instrument :

BNA_M

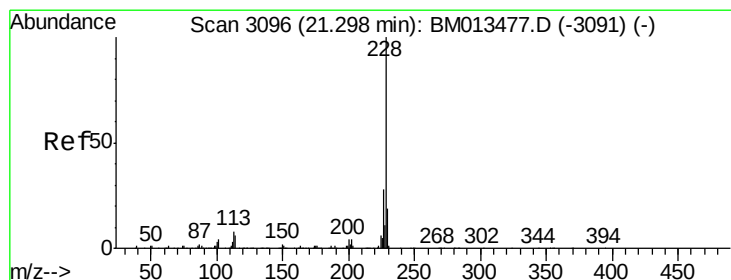
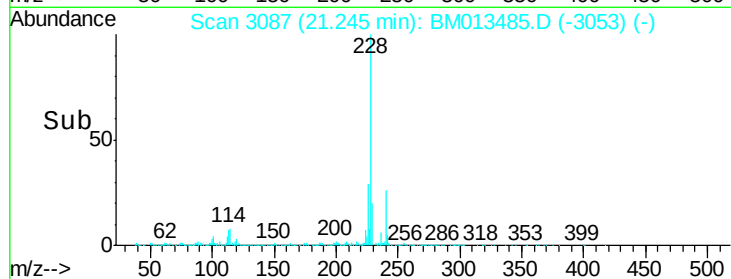
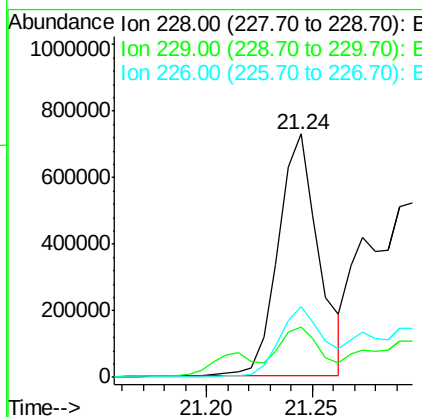
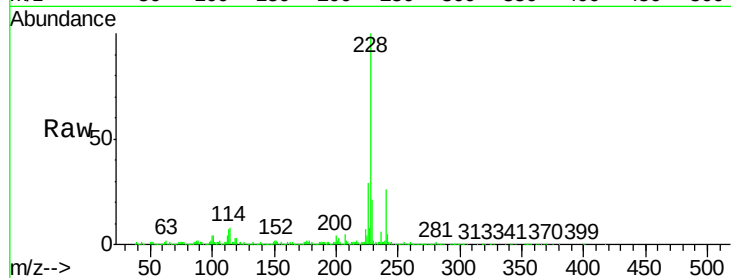
ClientSampled :

F9A47DL

Tgt Ion:	228	Resp:	972844
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.4	23.0
226	29.0	21.4	32.0

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#82

Chrysene

Concen: 18.713 ng/ul m

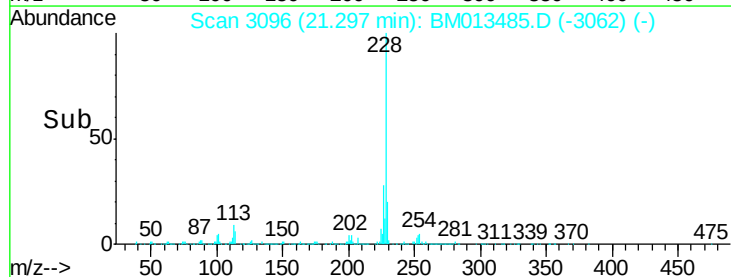
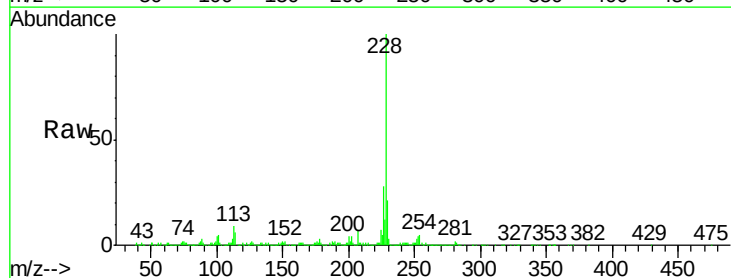
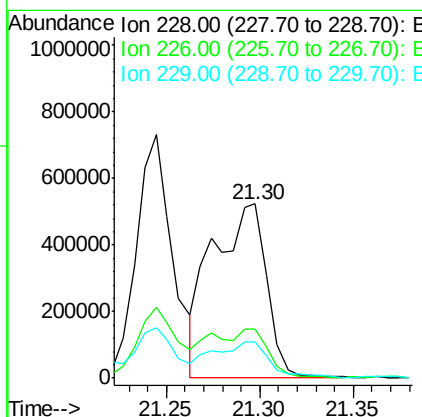
RT: 21.30 min Scan# 3096

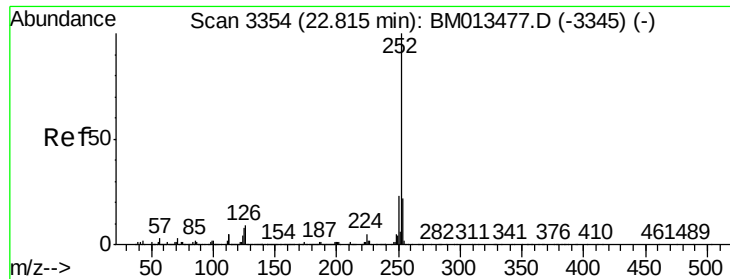
Delta R.T. -0.00 min

Lab File: BM013485.D

Acq: 16 Dec 2017 20:09

Tgt Ion:	228	Resp:	1064661
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	20.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 43.974 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM013485.D

Acq: 16 Dec 2017 20:09

Instrument :

BNA_M

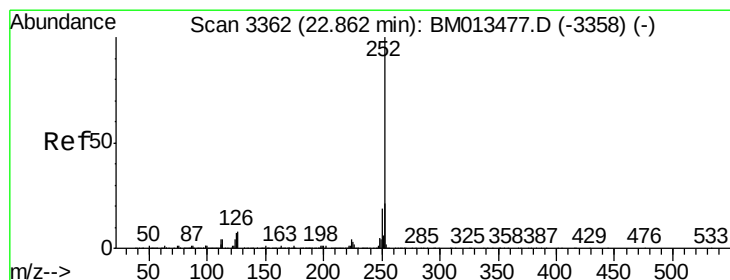
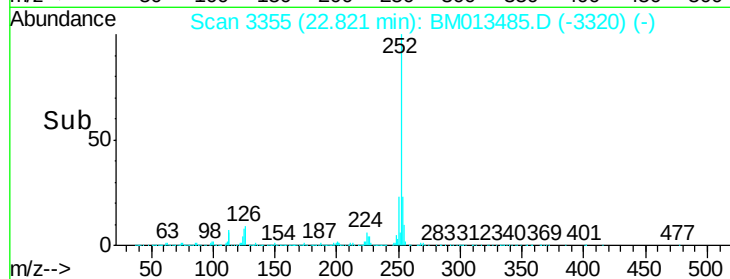
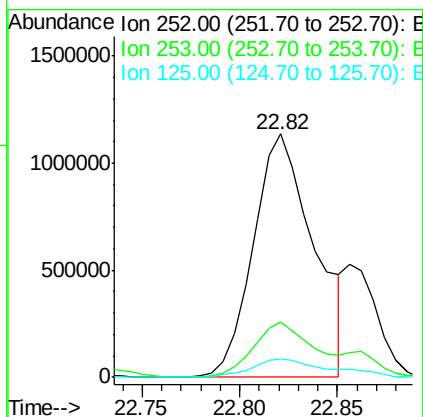
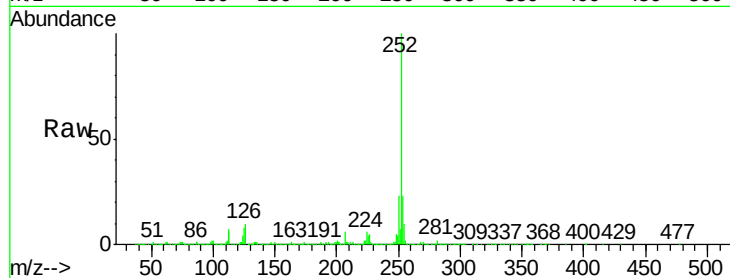
ClientSampled :

F9A47DL

Tgt Ion:	252	Resp:	2442260
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	7.7	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 11.420 ng/ul m

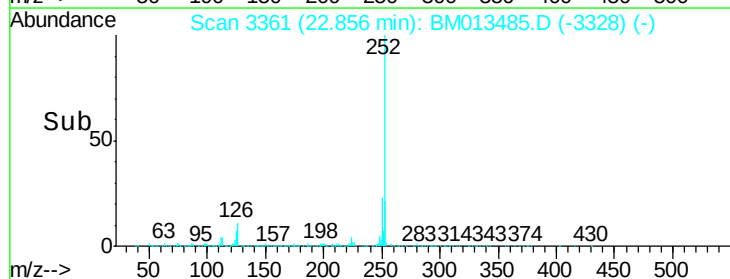
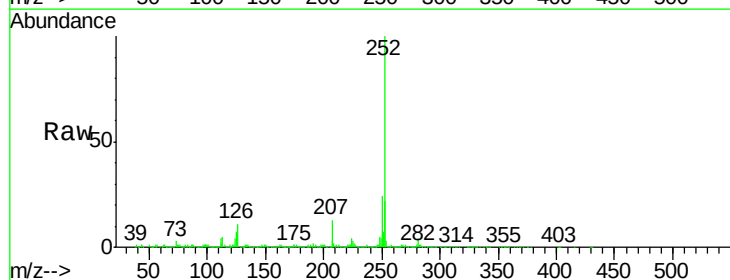
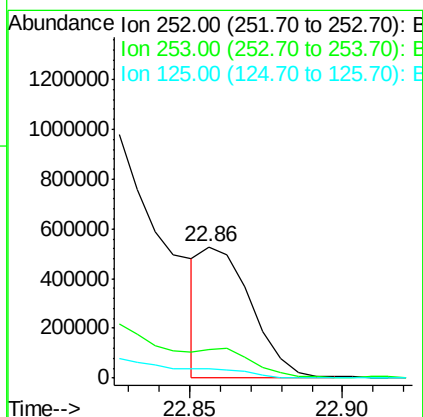
RT: 22.86 min Scan# 3361

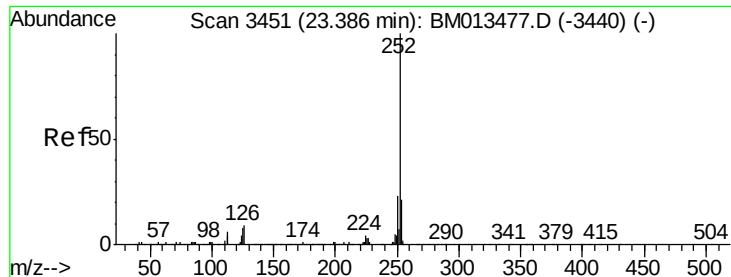
Delta R.T. -0.01 min

Lab File: BM013485.D

Acq: 16 Dec 2017 20:09

Tgt Ion:	252	Resp:	596885
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	7.2	3.4	5.2#





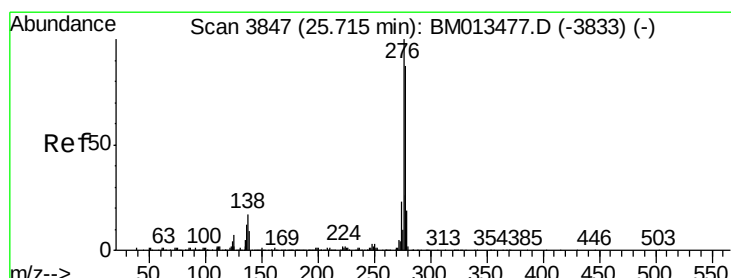
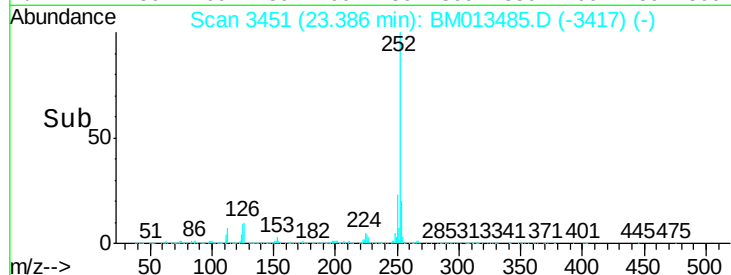
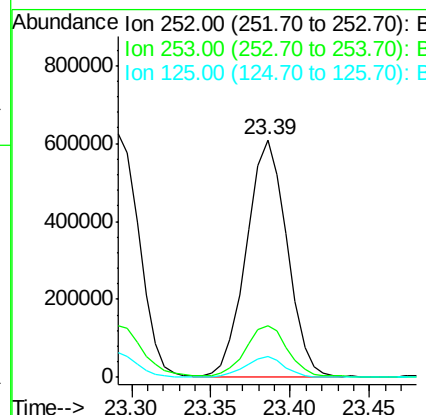
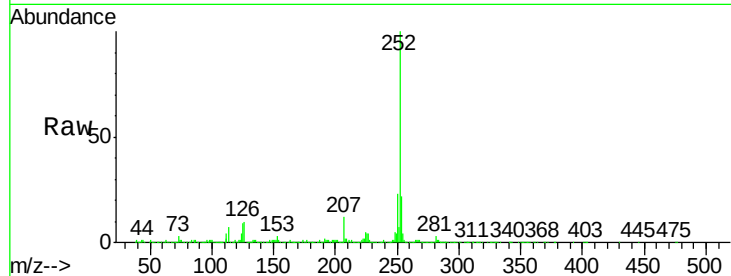
#88
Benzo(a)pyrene
Concen: 21.588 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.9	4.0	6.0

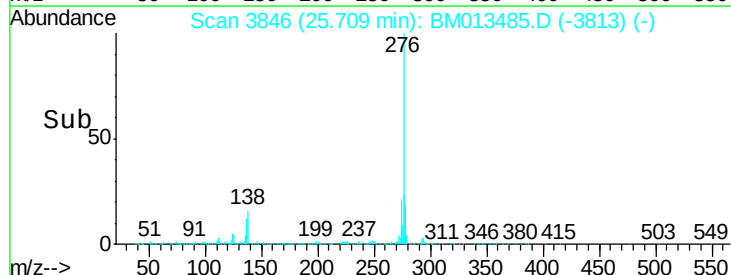
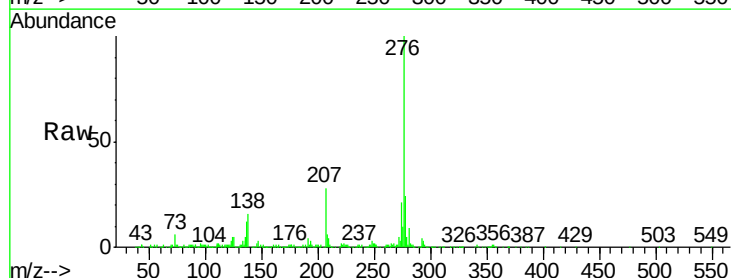
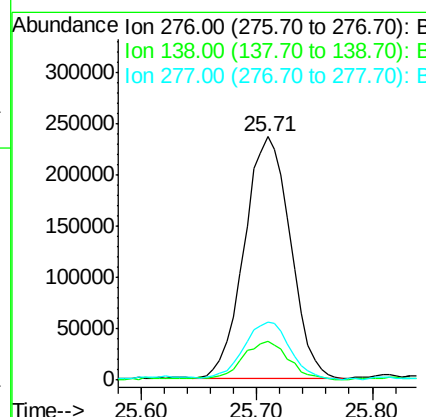
Manual Integrations
APPROVED

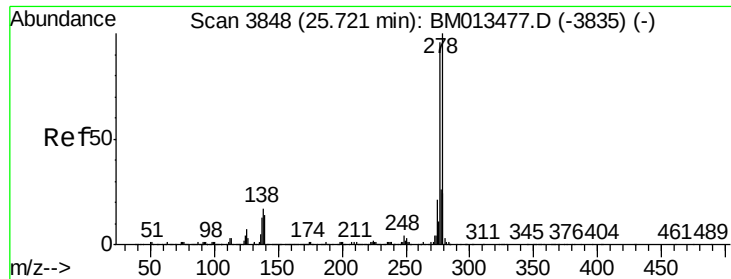
Sohil
12/18/2017 2:11:02 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 13.212 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9
277	23.8	19.9	29.9





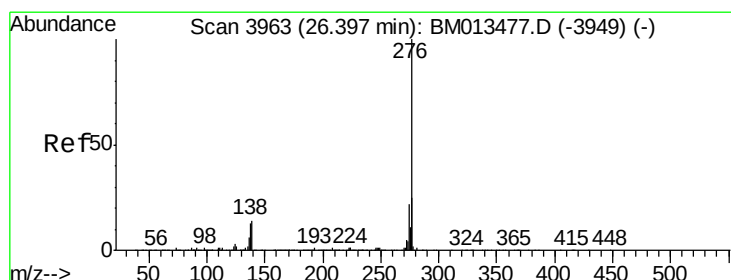
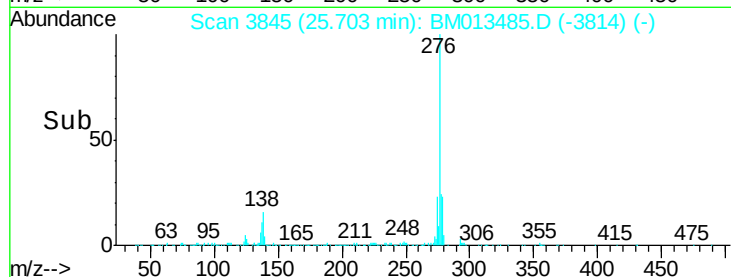
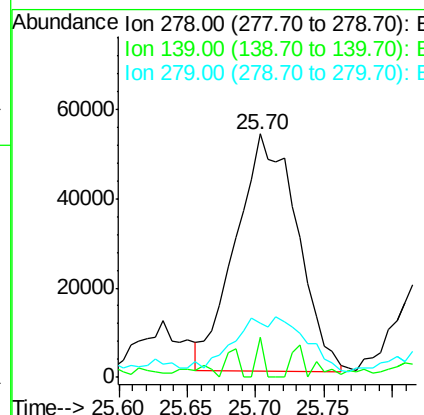
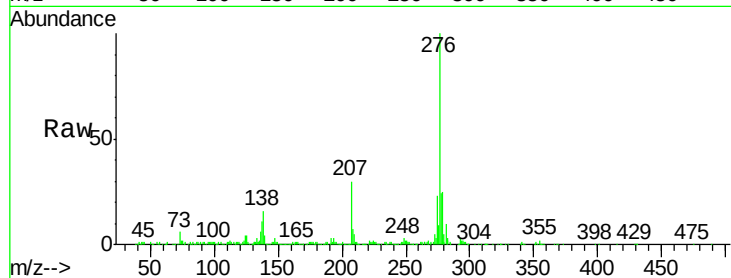
#90
Dibenzo(a,h)anthracene
Concen: 3.923 ng/ul m
RT: 25.70 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampled :
F9A47DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	5.8	8.8#
279	22.2	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/18/2017 2:11:02 PM



#91
Benzo(g,h,i)perylene
Concen: 14.054 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	23.6	18.6	28.0

