

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013480.D
 Acq On : 16 Dec 2017 17:10
 Operator : SJ/JU
 Sample : I6776-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A43

Manual Integrations
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Sohil
 12/18/2017 2:10:52 PM

Quant Time: Dec 25 00:48:01 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	235969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1009343	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	586677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1233956	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	910677	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	825392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15951	3.35	ng/uL	0.00
5) Phenol-d5	6.85	99	381573	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	216343	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	302153	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	320823	18.39	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	160159	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	174571	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	332382	18.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	230730	14.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1070802	20.51	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1336059	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	127273	14.03	ng/ul	0.00
57) Fluorene-d10	15.32	176	892276	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	92490	11.91	ng/ul	0.00
70) Anthracene-d10	17.16	188	1335122	21.60	ng/ul	0.00
76) Pyrene-d10	19.46	212	1243926	27.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	874803	20.81	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.88	94	75566	3.744	ng/ul#	79
28) Naphthalene	10.50	128	69900	1.346	ng/ul#	93
44) Dimethylphthalate	13.78	163	242674	4.860	ng/ul	99
47) Acenaphthylene	14.04	152	568804	9.541	ng/ul	98
69) Phenanthrene	17.11	178	361440	5.156	ng/ul	99
71) Anthracene	17.20	178	914906	12.768	ng/ul	99
74) Fluoranthene	19.13	202	590761	6.877	ng/ul#	94
77) Pyrene	19.49	202	709822	12.830	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	800973m	13.862	ng/ul	
82) Chrysene	21.30	228	1123178m	20.953	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	2167291	38.951	ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	969520m	18.516	ng/ul	
88) Benzo(a)pyrene	23.39	252	875548	17.517	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1121839	22.621	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.72	278	346573	8.207	ng/ul#	92
91) Benzo(g,h,i)perylene	26.40	276	891540	22.791	ng/ul#	96

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

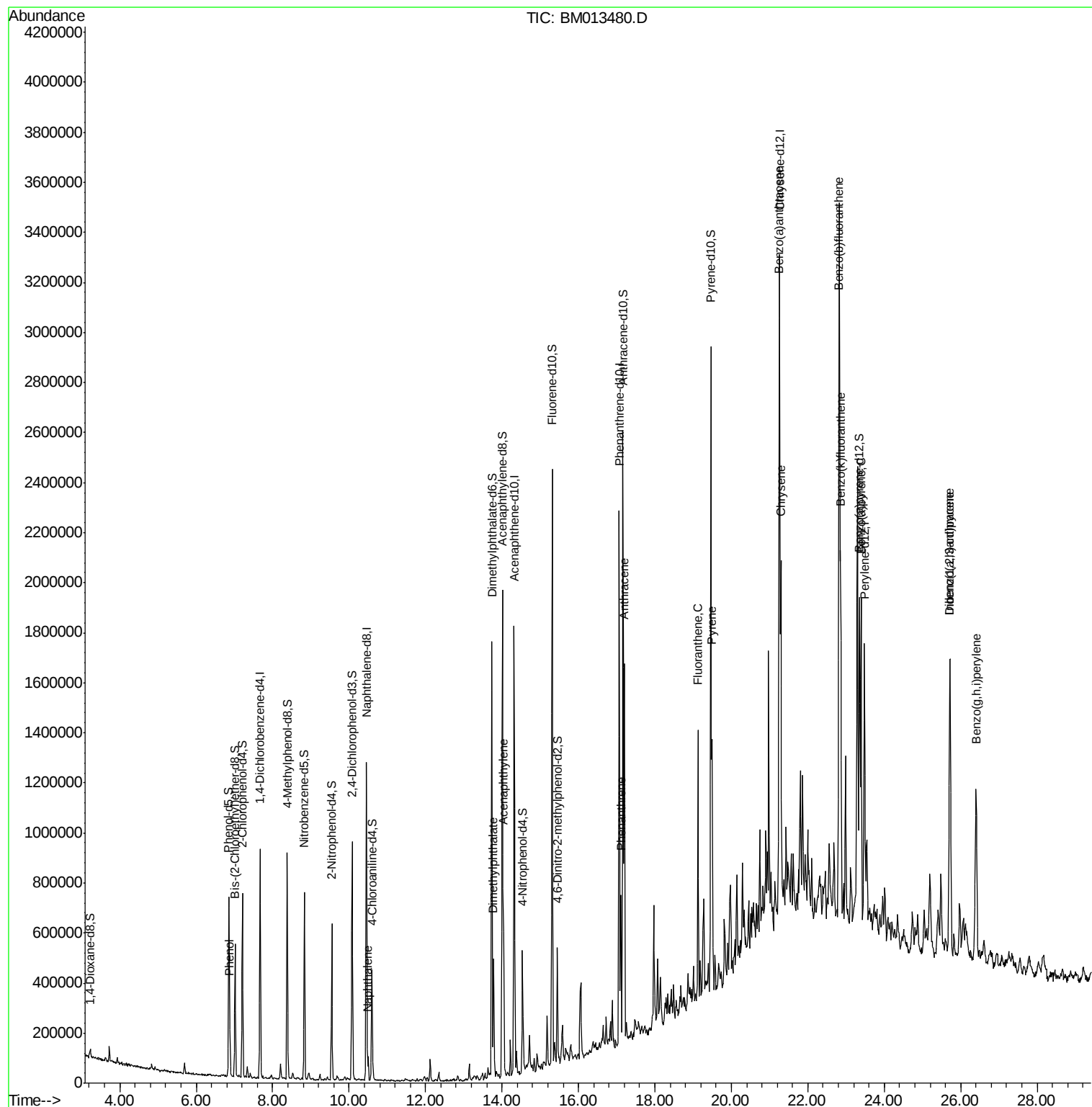
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013480.D
Acq On : 16 Dec 2017 17:10
Operator : SJ/JU
Sample : I6776-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

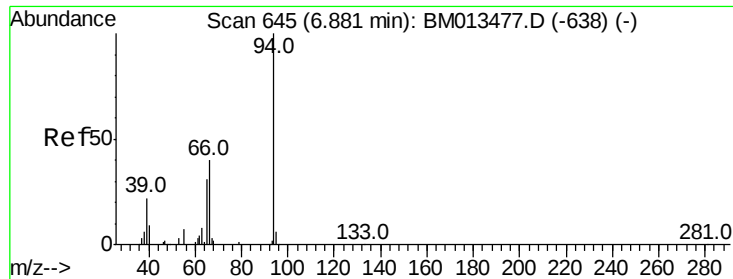
Instrument :
BNA_M
ClientSampled :
F9A43

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Quant Time: Dec 25 00:48:01 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration





#6

Phenol

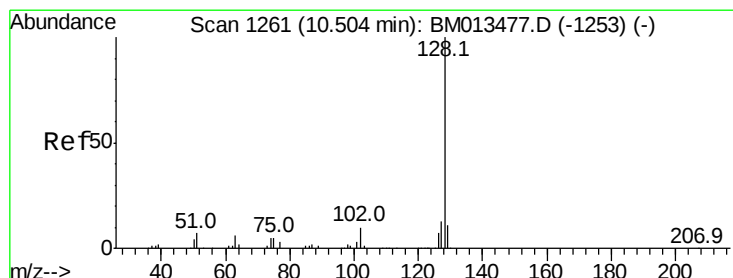
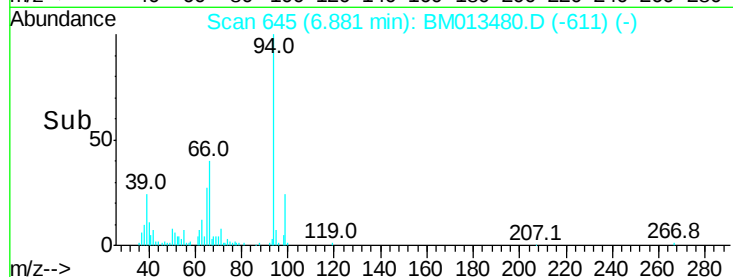
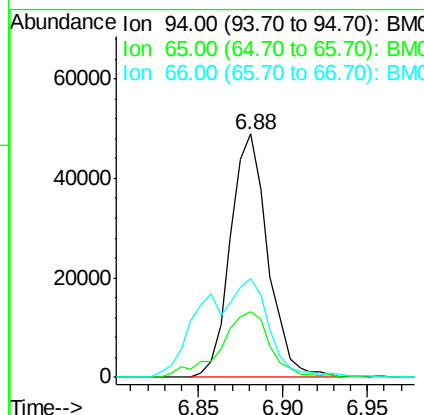
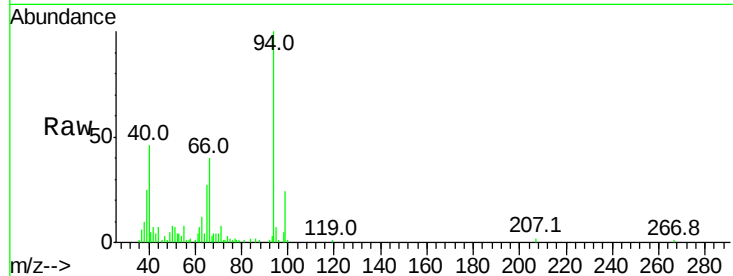
Concen: 3.744 ng/ul
 RT: 6.88 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BM013480.D
 Acq: 16 Dec 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 F9A43

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.1	28.2	42.4#
66	40.5	47.2	70.8#

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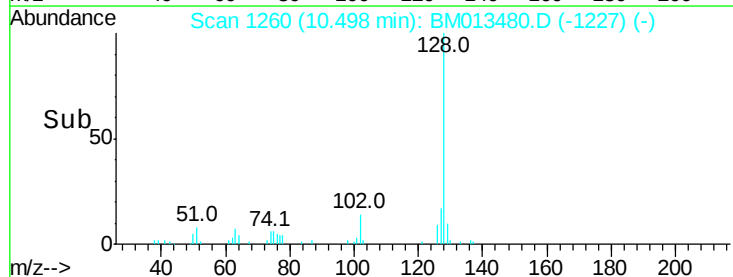
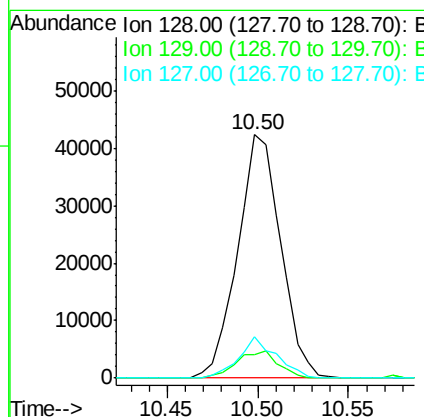
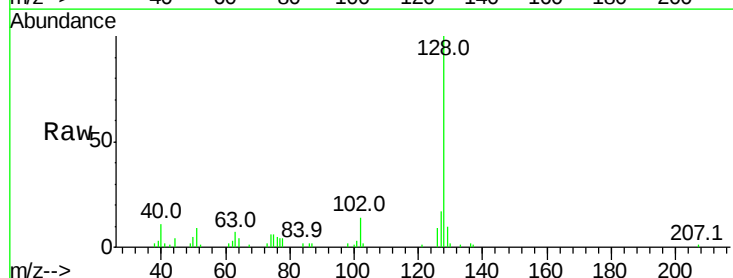


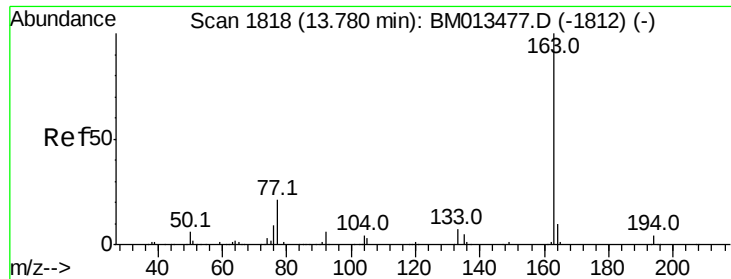
#28

Naphthalene

Concen: 1.346 ng/ul
 RT: 10.50 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BM013480.D
 Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.8	13.2
127	17.1	10.6	16.0#





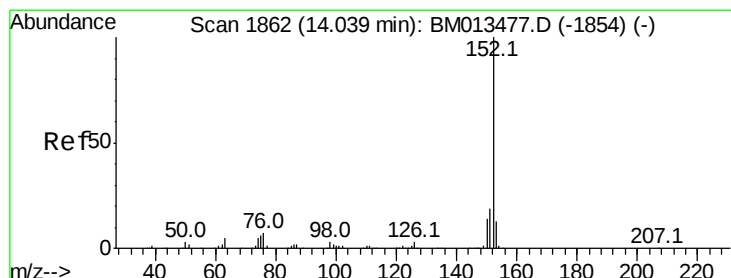
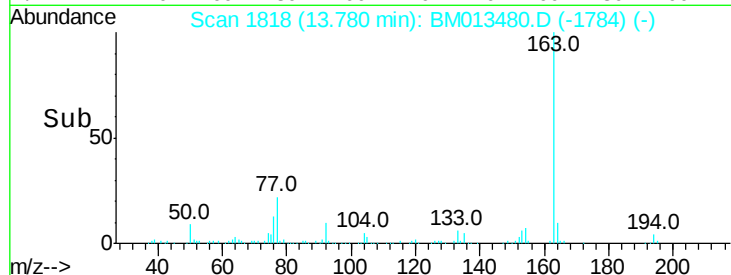
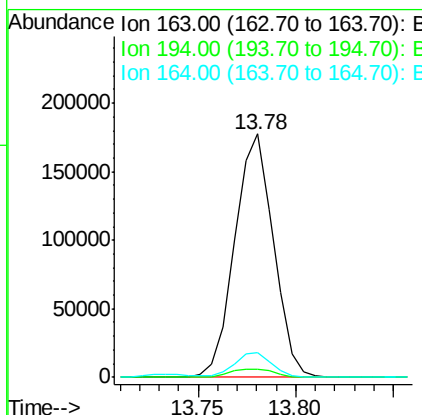
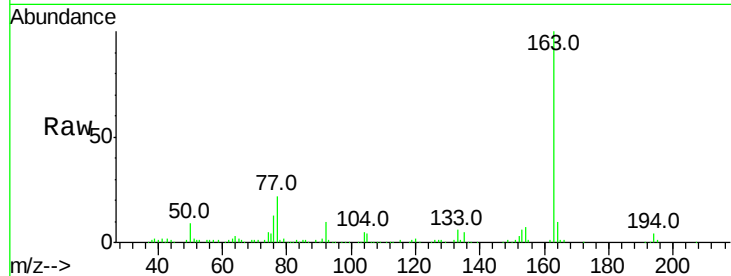
#44
Dimethylphthalate
Concen: 4.860 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Instrument :
BNA_M
ClientSampleId :
F9A43

Tot Ion	Ratio	Resp	Lower	Upper
163	100	242674		
194	3.6		3.5	5.3
164	10.0		8.2	12.4

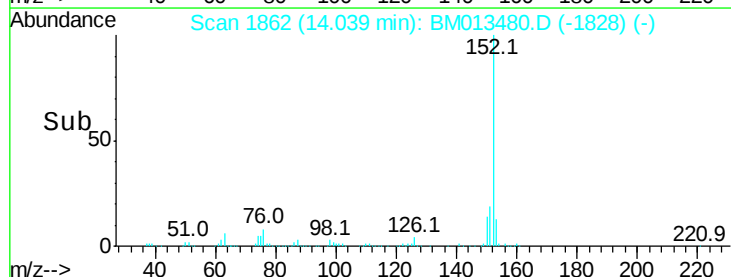
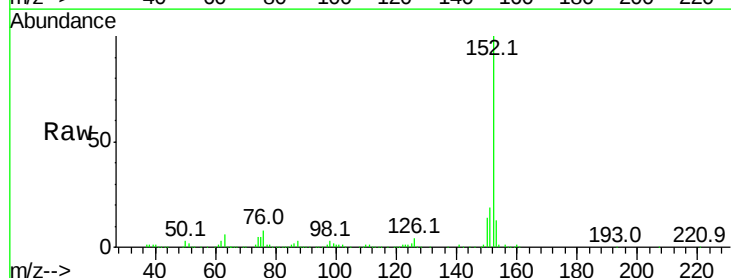
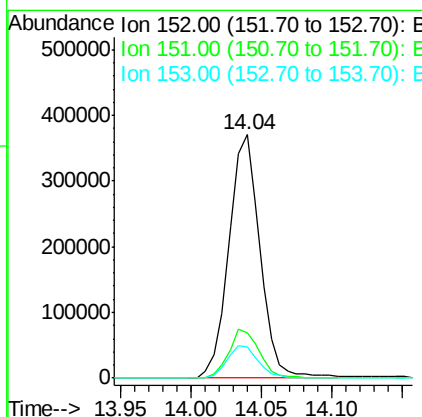
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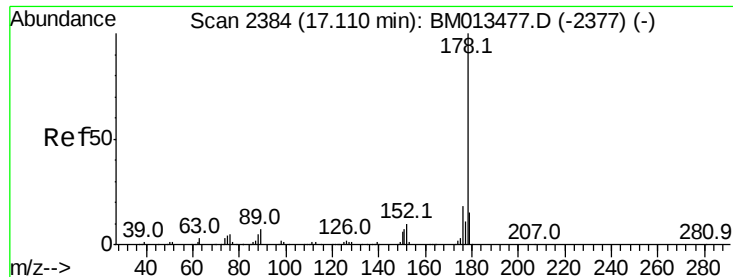
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#47
Acenaphthylene
Concen: 9.541 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	568804		
151	18.8		16.3	24.5
153	12.6		10.2	15.4





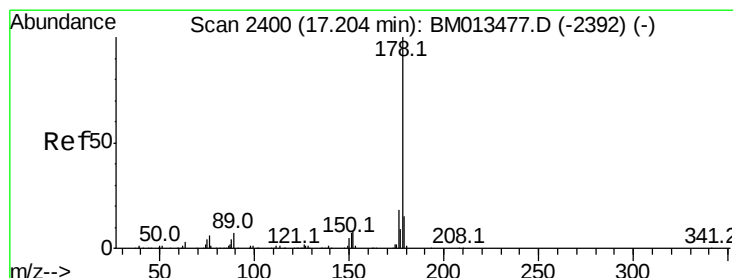
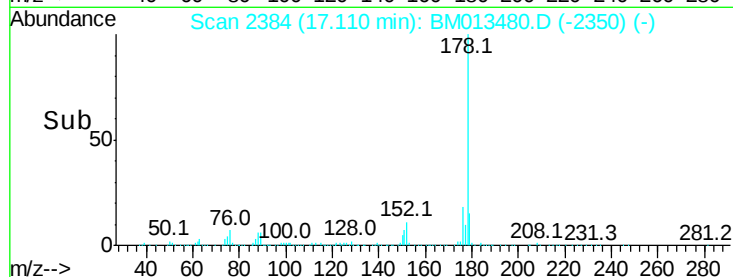
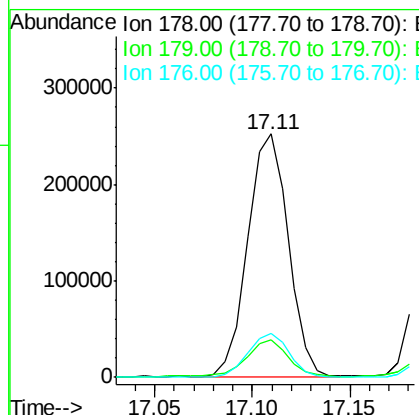
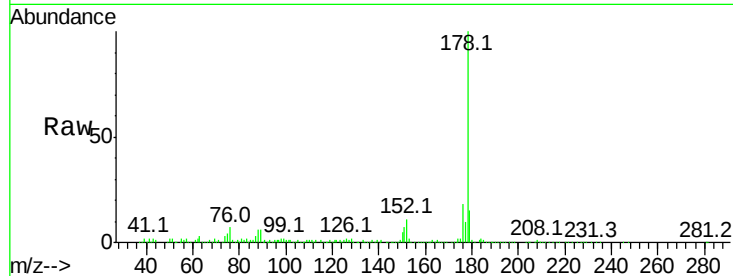
#69
Phenanthrene
Concen: 5.156 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Instrument :
BNA_M
ClientSampleId :
F9A43

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.0	14.9	22.3

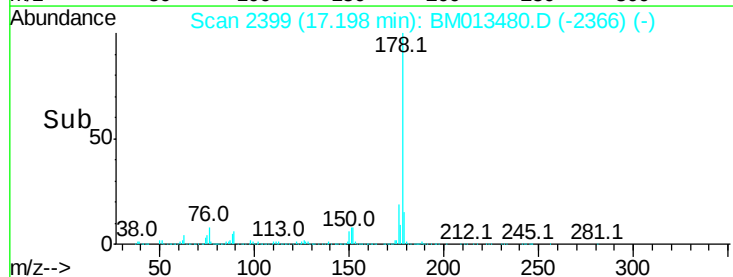
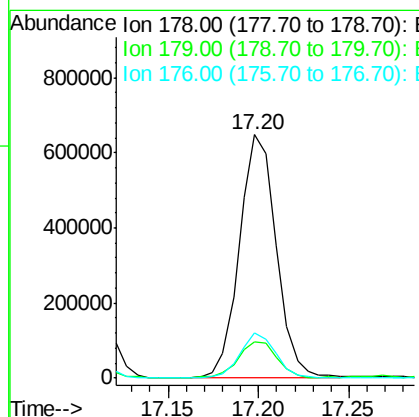
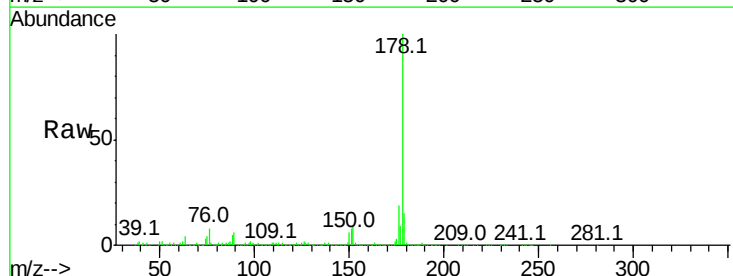
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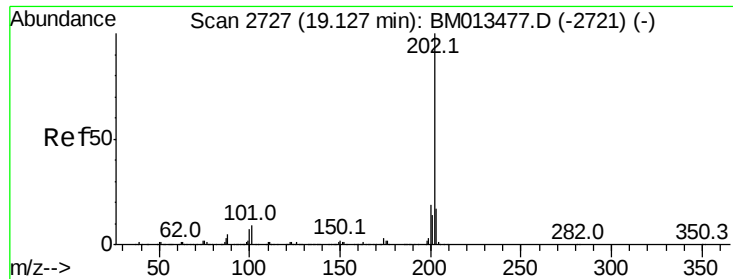
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#71
Anthracene
Concen: 12.768 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.7	14.6	21.8





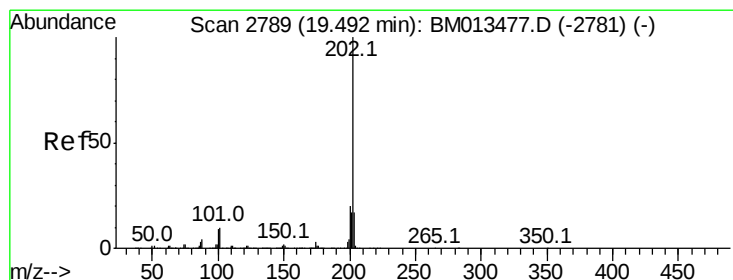
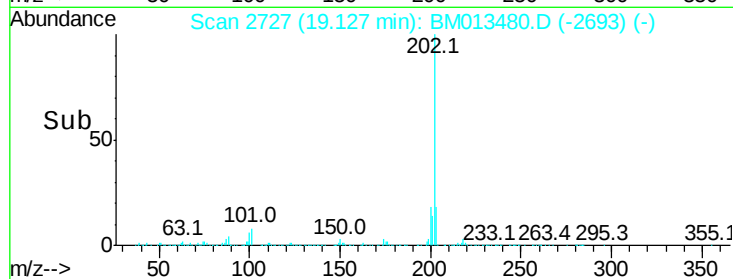
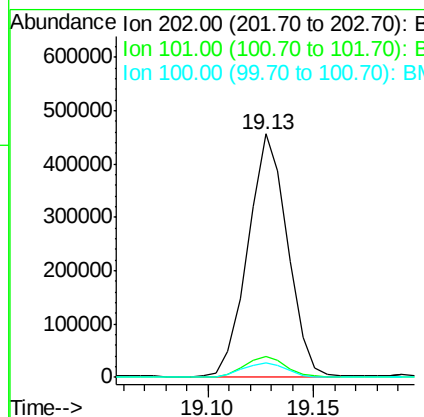
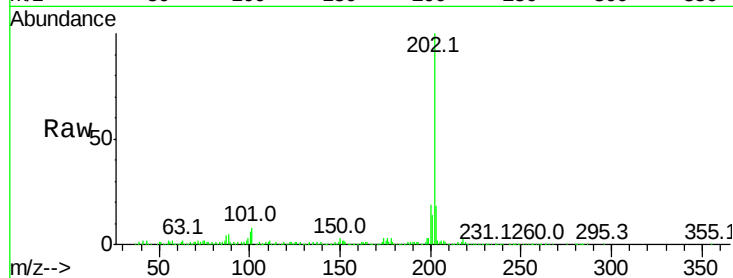
#74
 Fluoranthene
 Concen: 6.877 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013480.D
 Acq: 16 Dec 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 F9A43

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	5.9	3.4	5.2#

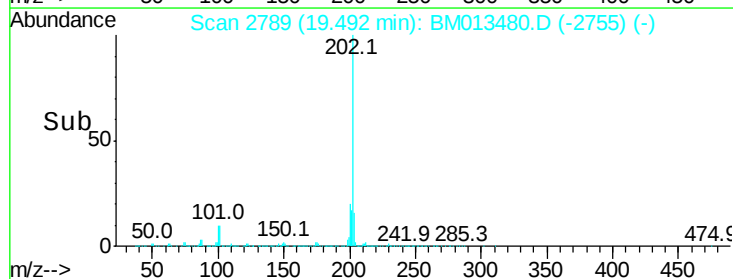
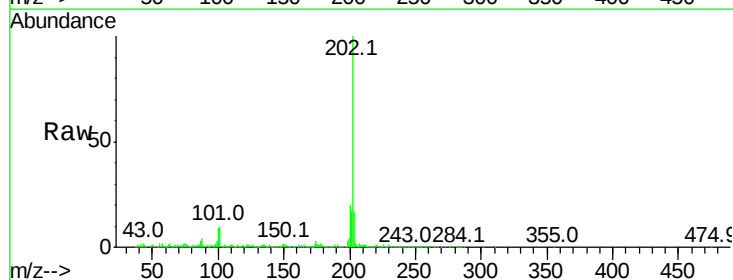
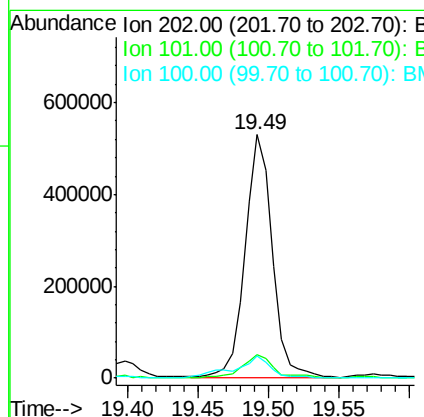
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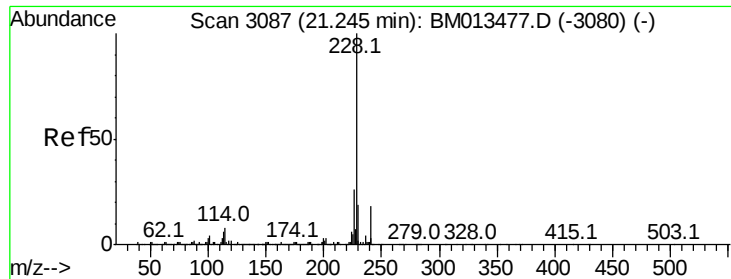
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#77
 Pyrene
 Concen: 12.830 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013480.D
 Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	9.0	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 13.862 ng/ul m

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Instrument :

BNA_M

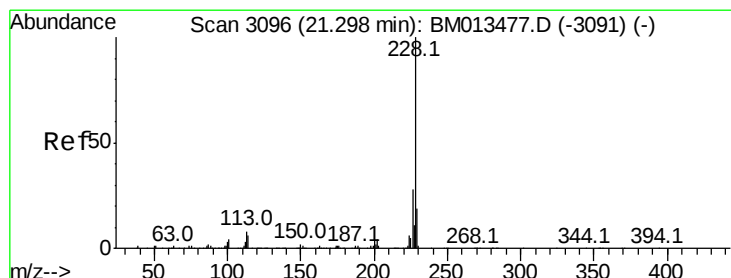
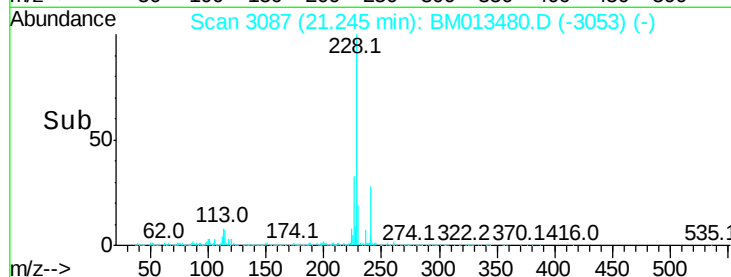
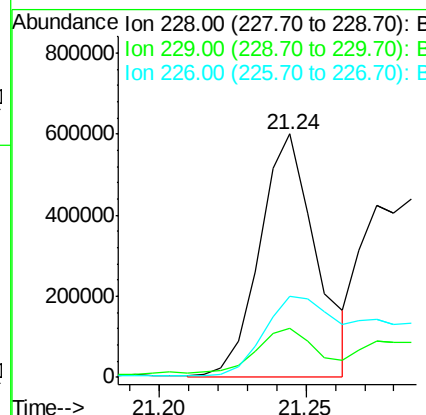
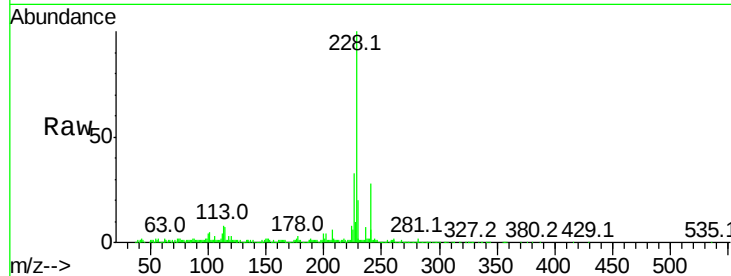
ClientSampleId :

F9A43

Tot Ion:	228	Resp:	800973
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	33.5	21.4	32.0#

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#82

Chrysene

Concen: 20.953 ng/ul m

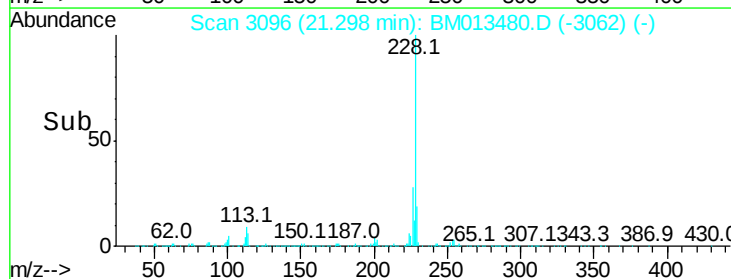
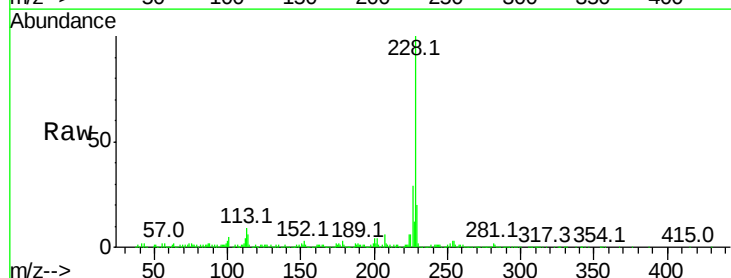
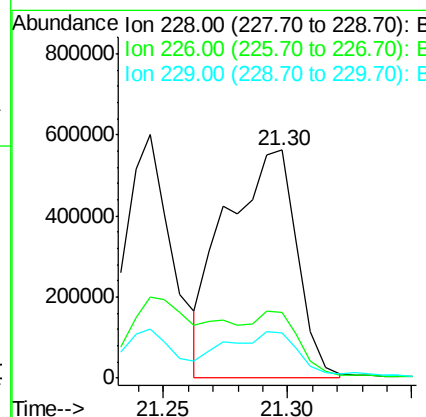
RT: 21.30 min Scan# 3096

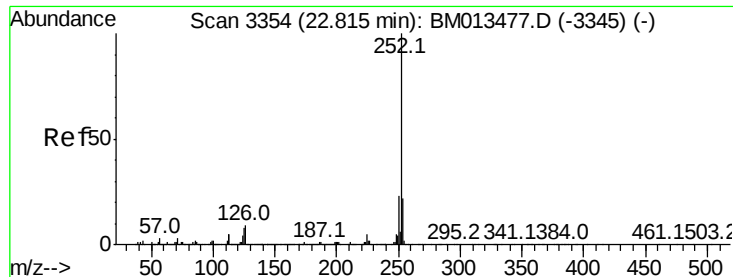
Delta R.T. -0.00 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Tgt Ion:	228	Resp:	1123178
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	19.7	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 38.951 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Instrument :

BNA_M

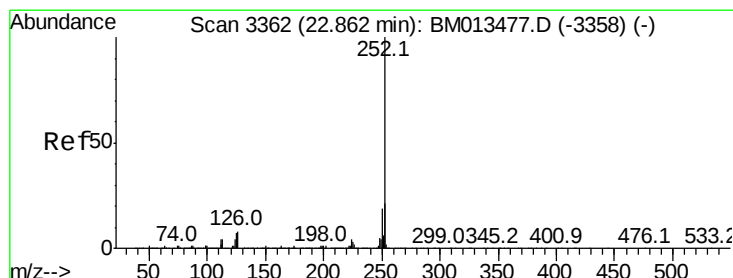
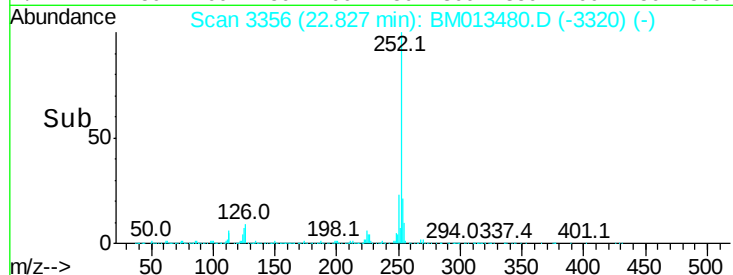
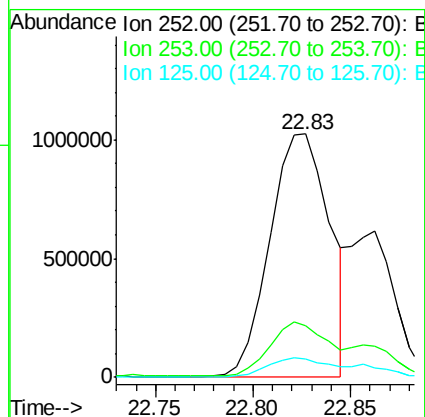
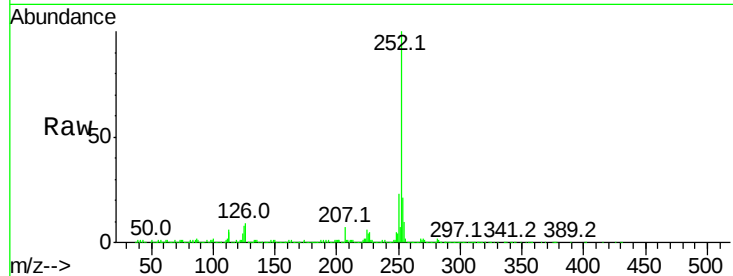
ClientSampleId :

F9A43

Tot Ion:	252	Resp:	2167291
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.9	26.9
125	7.7	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 18.516 ng/ul m

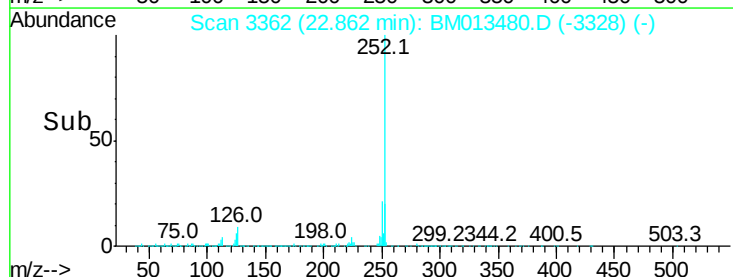
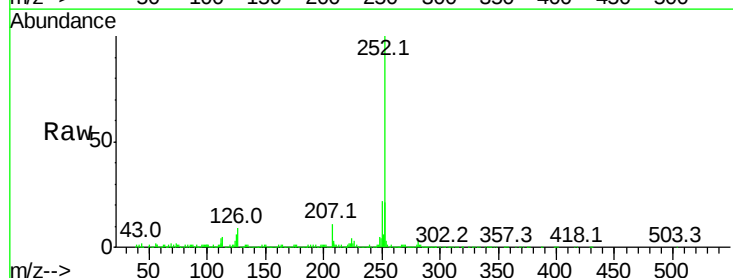
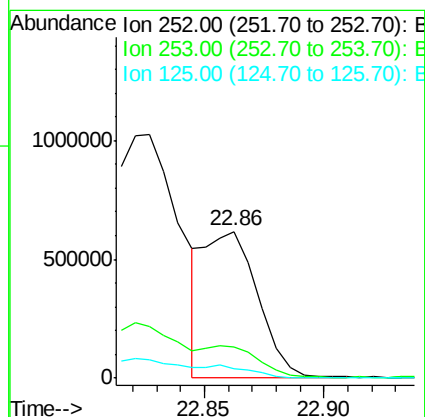
RT: 22.86 min Scan# 3362

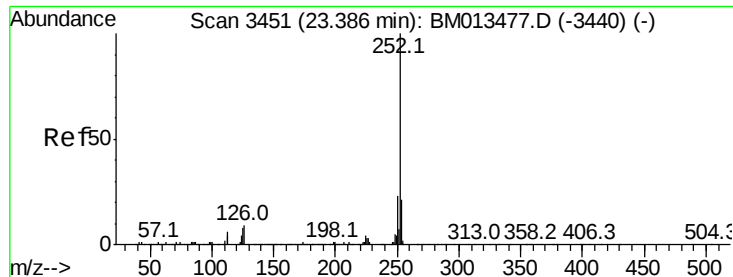
Delta R.T. -0.00 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Tgt Ion:	252	Resp:	969520
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.1	25.7
125	6.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 17.517 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Instrument :

BNA_M

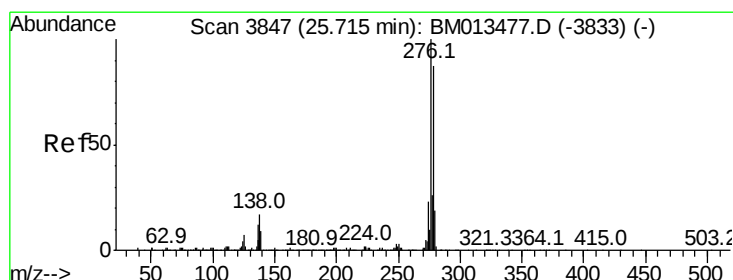
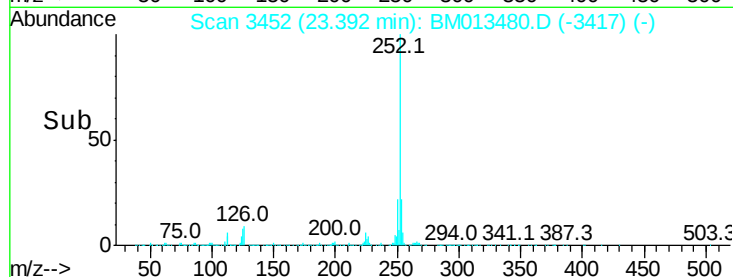
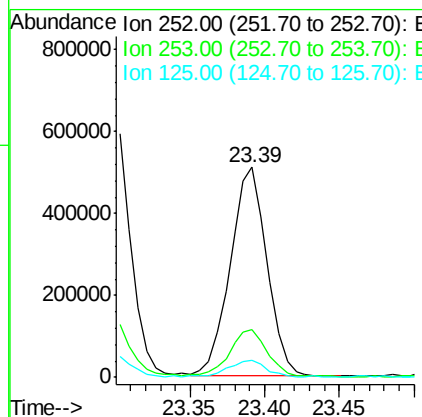
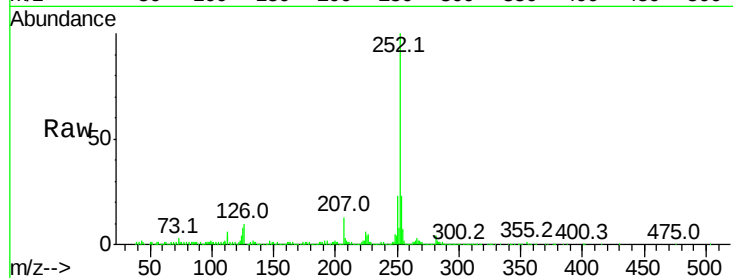
ClientSampleId :

F9A43

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	7.9	4.0	6.0#

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:52 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 22.621 ng/ul

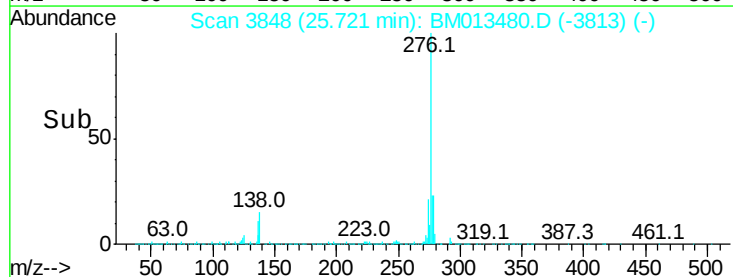
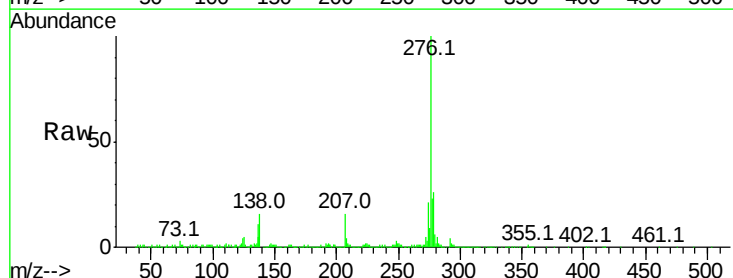
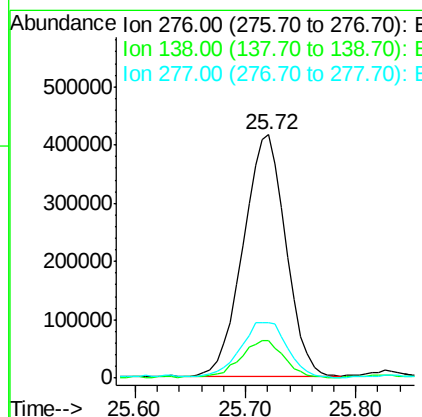
RT: 25.72 min Scan# 3848

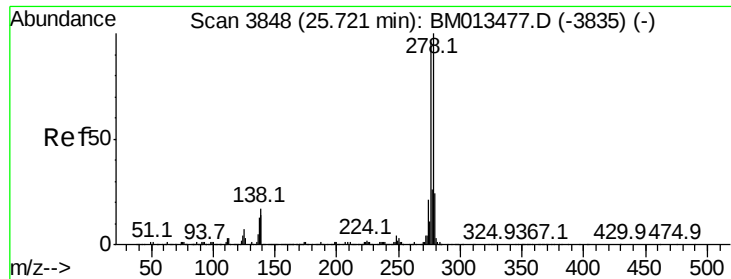
Delta R.T. 0.01 min

Lab File: BM013480.D

Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	23.0	19.9	29.9





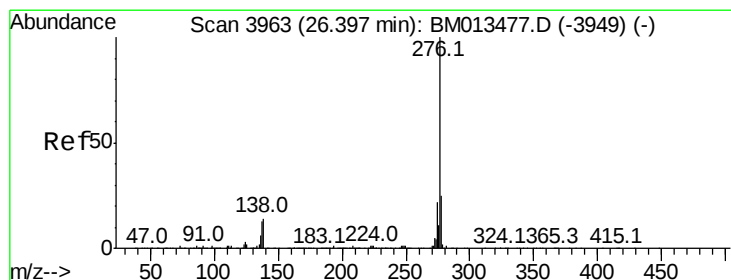
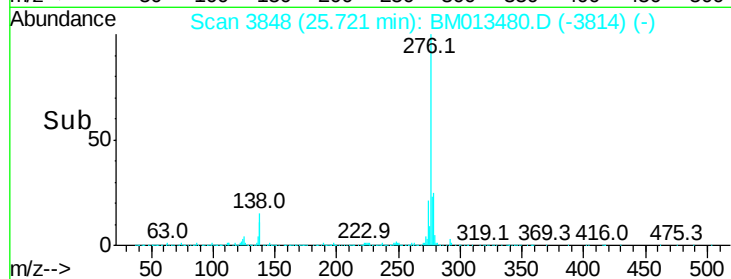
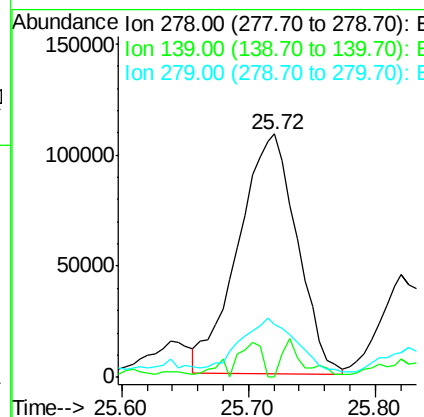
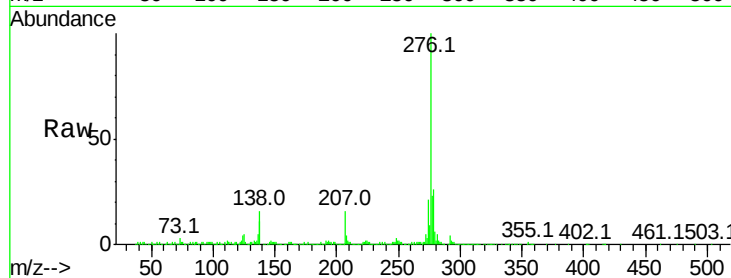
#90
Dibenzo(a,h)anthracene
Concen: 8.207 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Instrument :
BNA_M
ClientSampled :
F9A43

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	21.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:52 PM



#91
Benzo(g,h,i)perylene
Concen: 22.791 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.00 min
Lab File: BM013480.D
Acq: 16 Dec 2017 17:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	23.0	18.6	28.0

