

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010485.D
 Acq On : 10 Jun 2017 14:58
 Operator : SJ/MA
 Sample : I3521-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C24

Manual Integrations
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Quant Time: Jun 12 06:39:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 04:15:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	167022	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	615861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	421589	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1048812	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1544044	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1559446	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	16050	3.94	ng/uL	0.00
5) Phenol-d5	7.08	99	214291	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	122420	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	184226	18.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	182542	17.88	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	91472	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	114700	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	229797	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	145399	14.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	740567	21.14	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	828864	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	83463	15.93	ng/ul	0.00
57) Fluorene-d10	15.53	176	642442	20.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	111588	15.02	ng/ul	0.00
70) Anthracene-d10	17.38	188	1051985	20.61	ng/ul	0.00
76) Pyrene-d10	19.67	212	1357684	21.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1487340	20.49	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.11	94	16852	1.299	ng/ul#	87
44) Dimethylphthalate	13.99	163	288100	8.363	ng/ul	99
47) Acenaphthylene	14.26	152	137210	3.436	ng/ul#	96
69) Phenanthrene	17.32	178	146221	2.612	ng/ul	94
71) Anthracene	17.42	178	307257	5.257	ng/ul	98
72) Carbazole	17.70	167	102709	2.076	ng/ul	97
74) Fluoranthene	19.33	202	2103874	30.556	ng/ul#	96
77) Pyrene	19.70	202	2346942	29.497	ng/ul#	95
80) Benzo(a)anthracene	21.43	228	1548297	17.782	ng/ul	97
82) Chrysene	21.49	228	1969869	25.027	ng/ul	98
85) Benzo(b)fluoranthene	23.07	252	4013282	44.228	ng/ul	99
86) Benzo(k)fluoranthene	23.12	252	1037682m	11.971	ng/ul	
88) Benzo(a)pyrene	23.69	252	1553129	17.268	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.16	276	1343489	11.823	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.17	278	359650	3.675	ng/ul#	90
91) Benzo(g,h,i)perylene	26.91	276	1029097	10.992	ng/ul	97

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

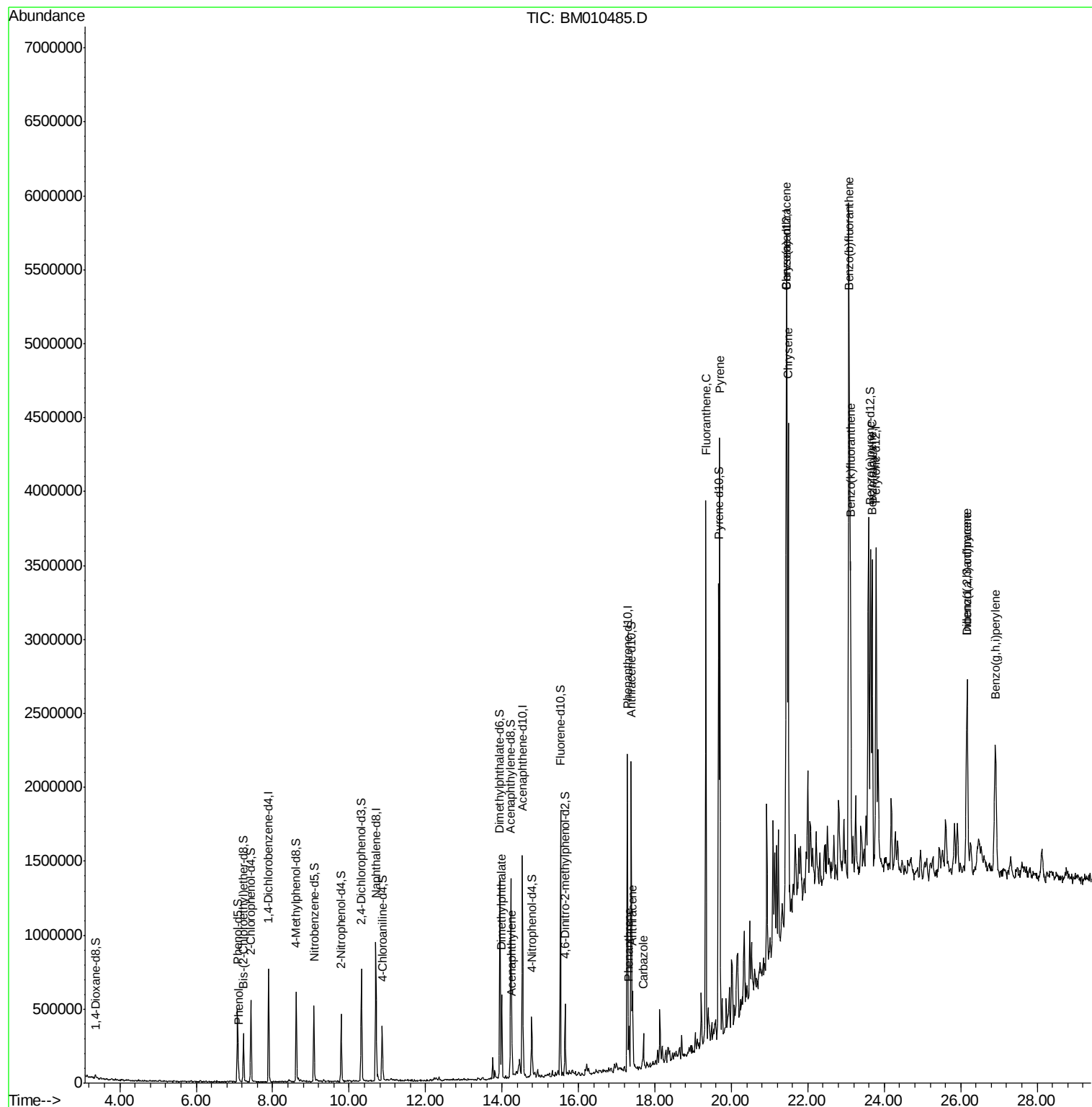
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010485.D
Acq On : 10 Jun 2017 14:58
Operator : SJ/MA
Sample : I3521-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

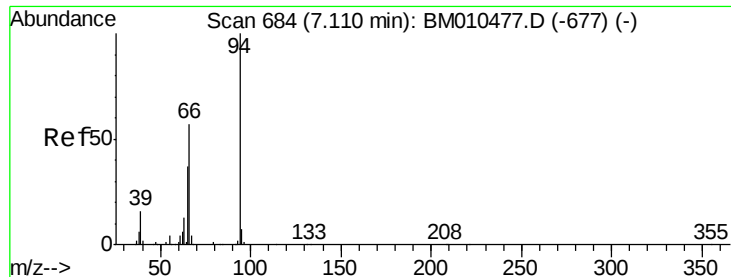
Instrument :
BNA_M
ClientSampleId :
F5C24

Quant Time: Jun 12 06:39:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 1.299 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

Instrument :

BNA_M

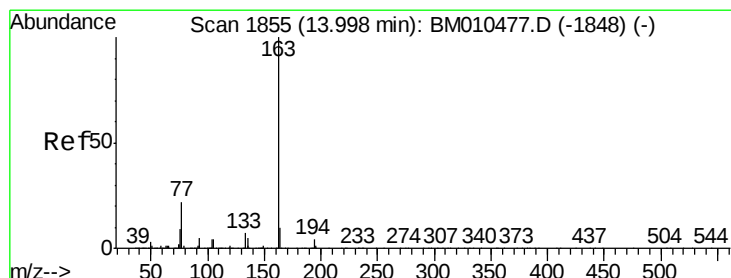
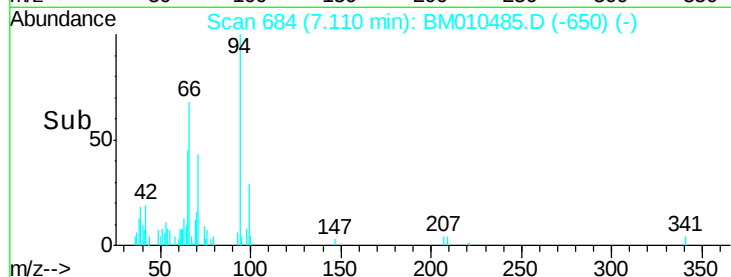
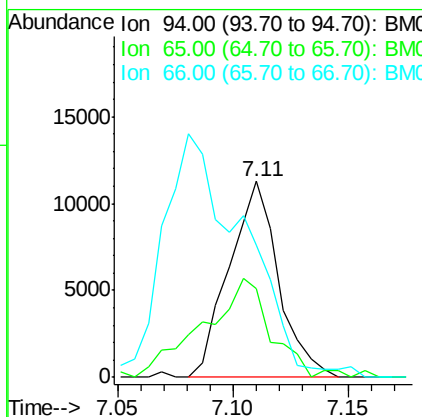
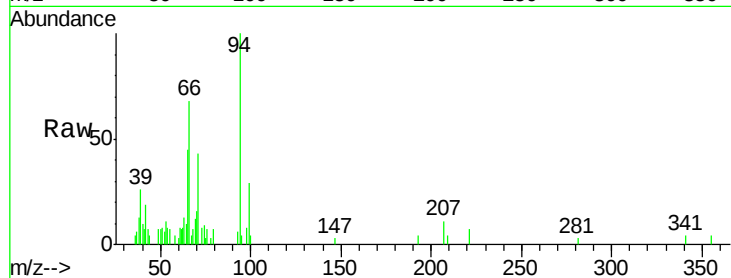
ClientSampleId :

F5C24

Tgt Ion:	94	Resp:	16852
Ion Ratio	Lower	Upper	
94	100		
65	44.9	28.2	42.4#
66	67.6	47.2	70.8

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#44

Dimethylphthalate

Concen: 8.363 ng/ul

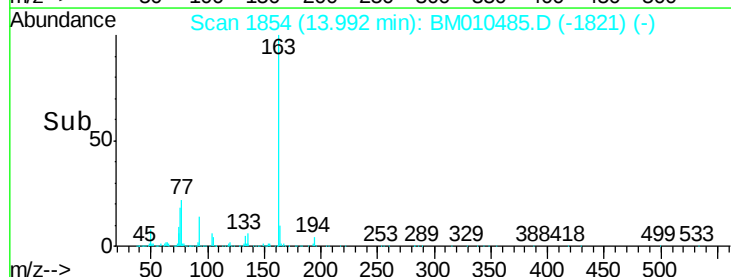
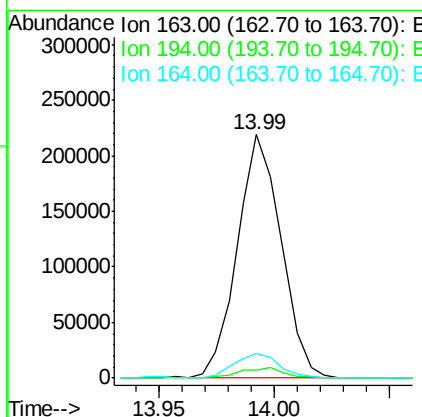
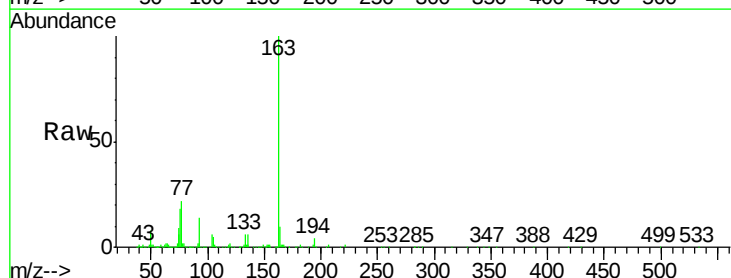
RT: 13.99 min Scan# 1854

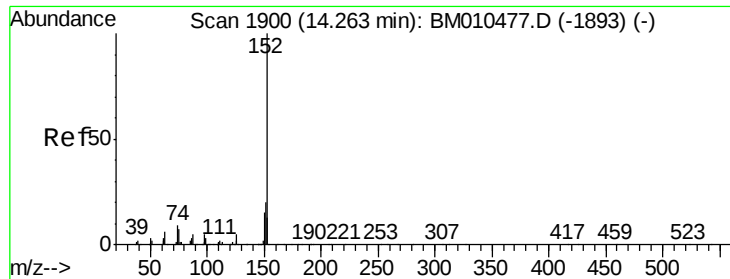
Delta R.T. -0.01 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

Tgt Ion:	163	Resp:	288100
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.5	5.3
164	10.0	8.2	12.4





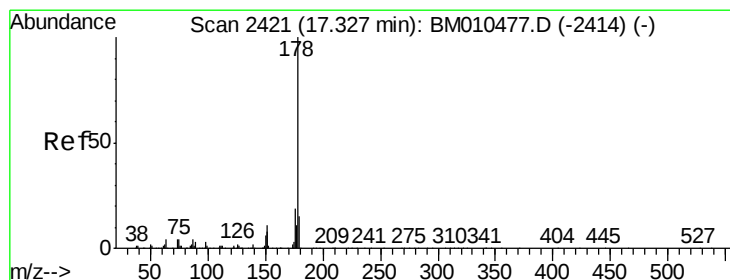
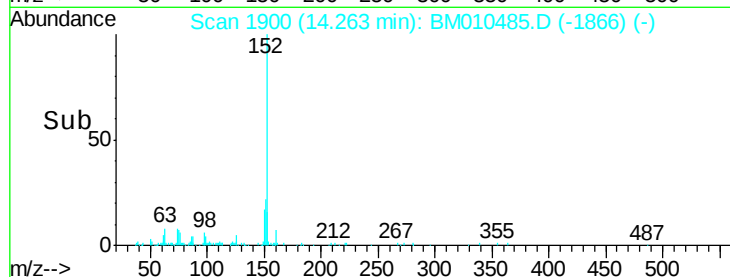
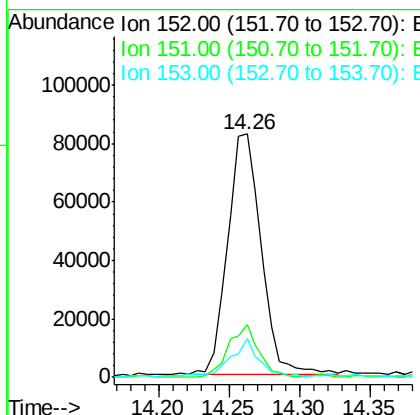
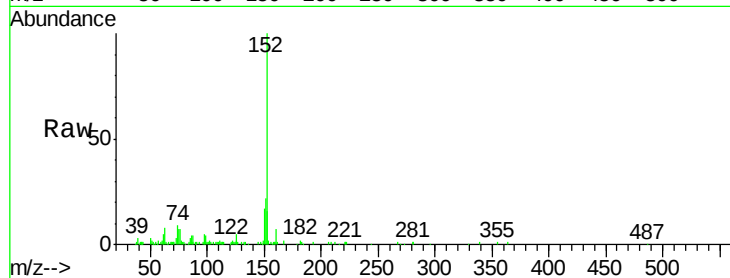
#47
Acenaphthylene
Concen: 3.436 ng/ul
RT: 14.26 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Instrument :
BNA_M
ClientSampleId :
F5C24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.8	10.2	15.4

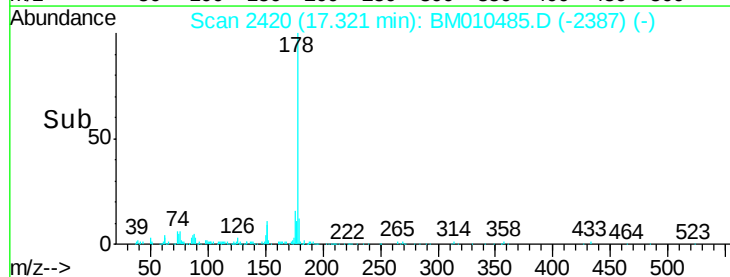
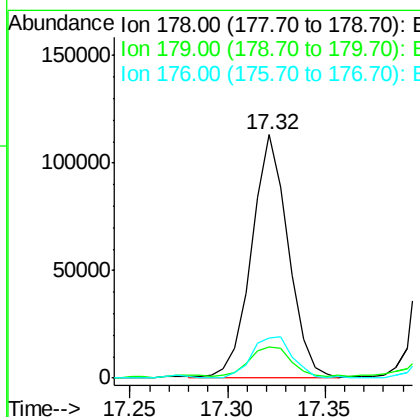
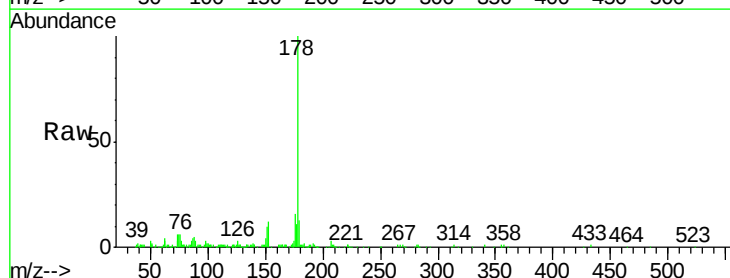
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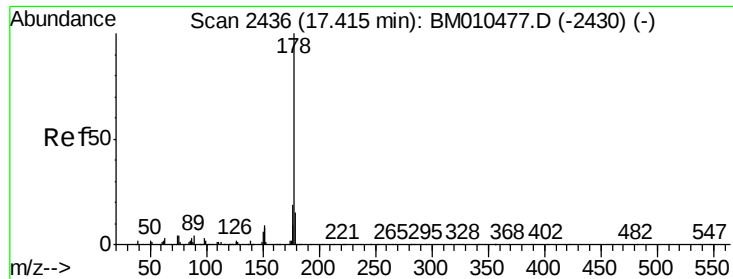
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#69
Phenanthrene
Concen: 2.612 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	12.9	12.6	19.0
176	16.4	14.9	22.3





#71

Anthracene

Concen: 5.257 ng/ul

RT: 17.42 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

Instrument :

BNA_M

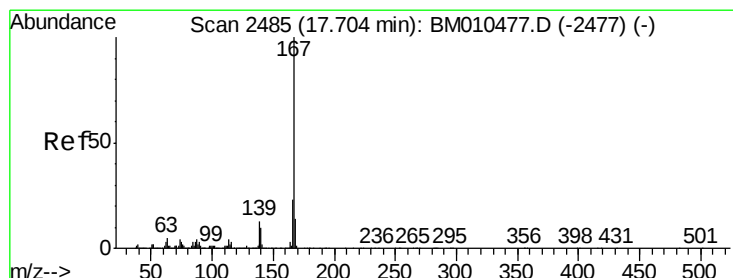
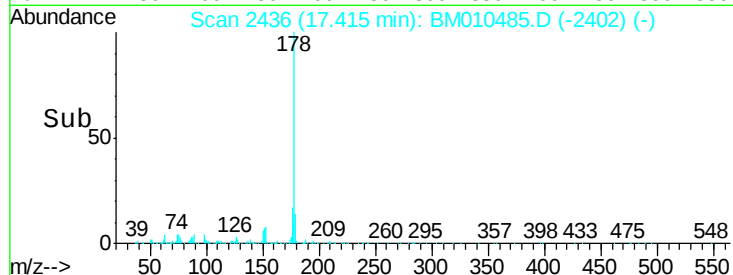
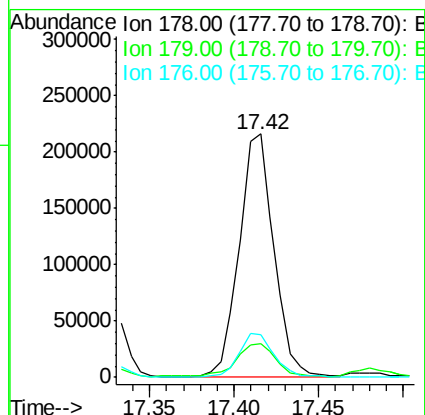
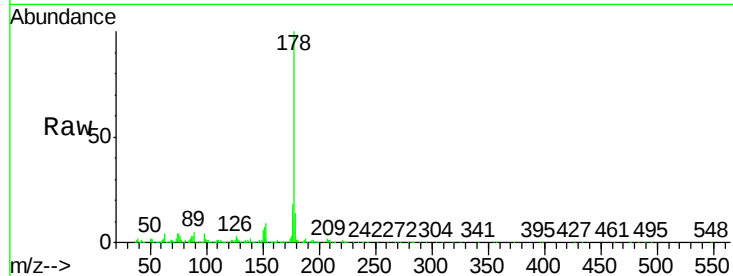
ClientSampleId :

F5C24

Tgt Ion:	178	Resp:	307257
Ion Ratio	Lower	Upper	
178	100		
179	13.7	11.7	17.5
176	17.7	14.6	21.8

Manual Integrations
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#72

Carbazole

Concen: 2.076 ng/ul

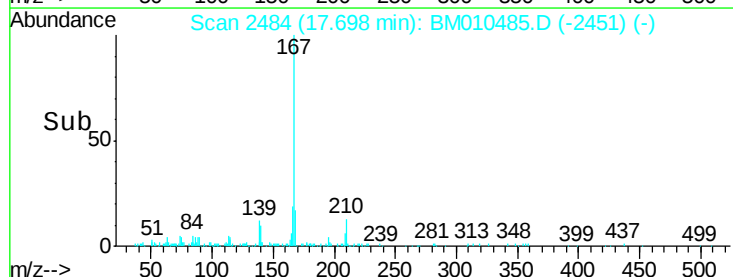
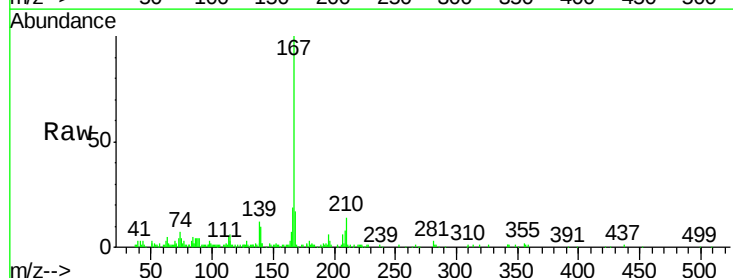
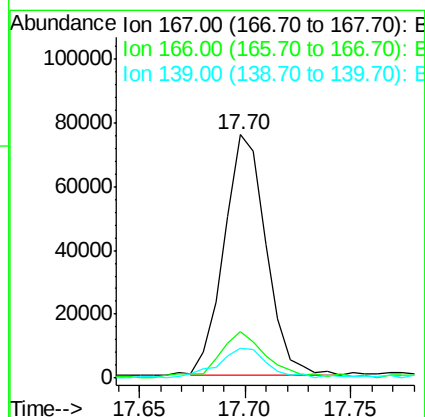
RT: 17.70 min Scan# 2484

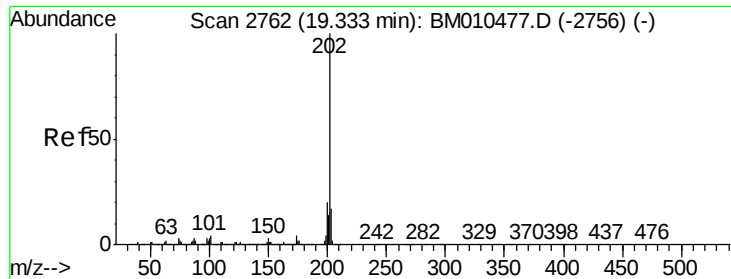
Delta R.T. -0.01 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

Tgt Ion:	167	Resp:	102709
Ion Ratio	Lower	Upper	
167	100		
166	19.1	17.1	25.7
139	12.4	10.0	15.0





#74

Fluoranthene

Concen: 30.556 ng/ul

RT: 19.33 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

Instrument :

BNA_M

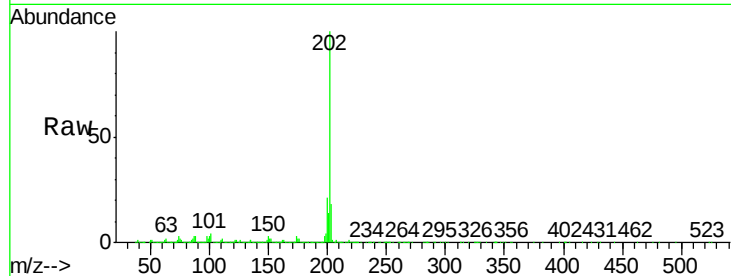
ClientSampleId :

F5C24

Tgt Ion:	202	Resp:	2103874
Ion Ratio	Lower	Upper	
202	100		
101	4.1	4.6	7.0#
100	3.1	3.4	5.2#

Manual Integrations
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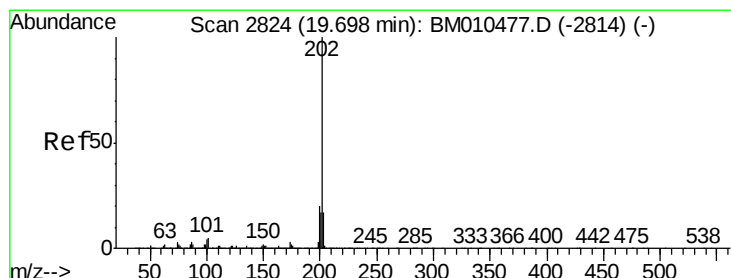
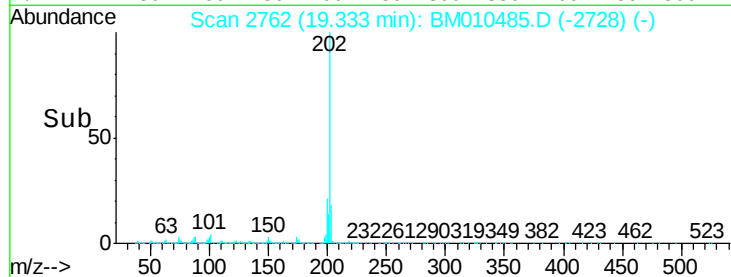
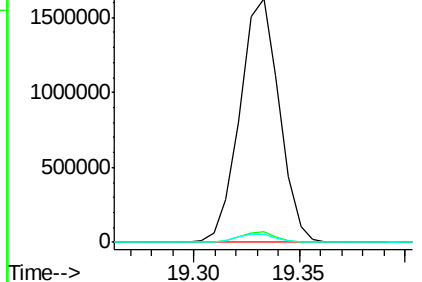
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 29.497 ng/ul

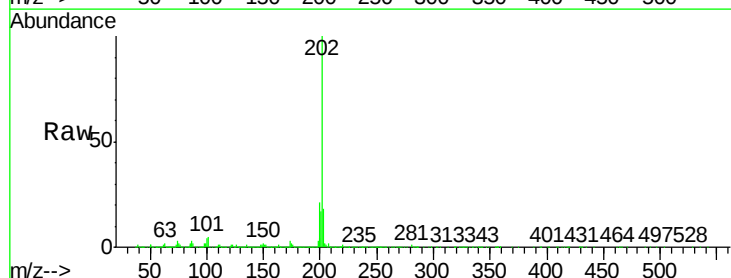
RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010485.D

Acq: 10 Jun 2017 14:58

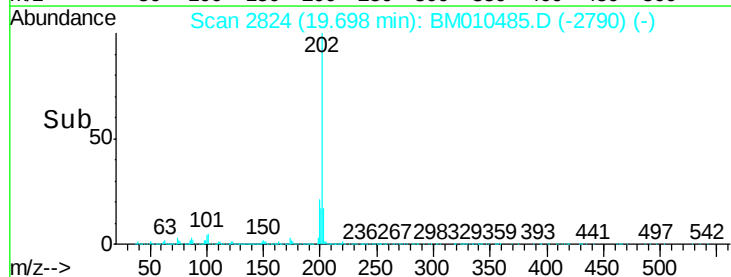
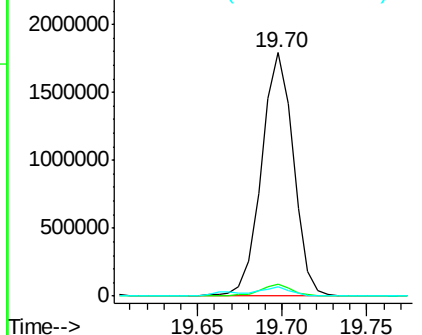
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Ion Ratio	Lower	Upper	
202	100		
101	4.8	5.1	7.7#
100	4.1	4.9	7.3#

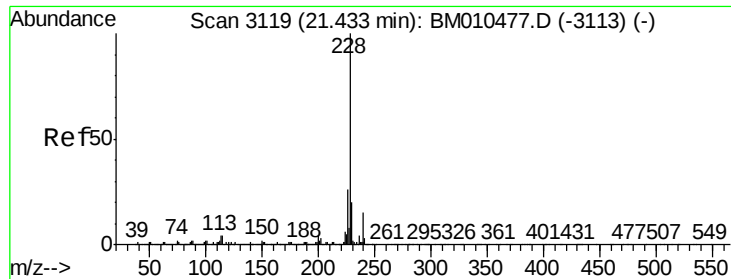


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





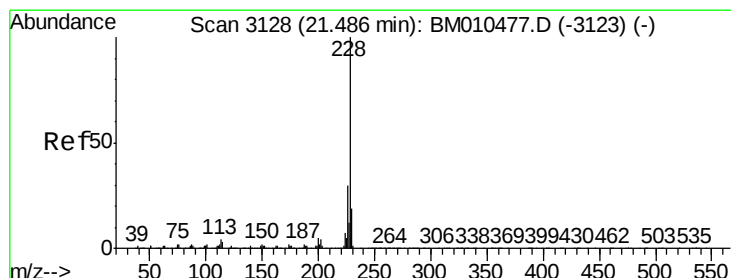
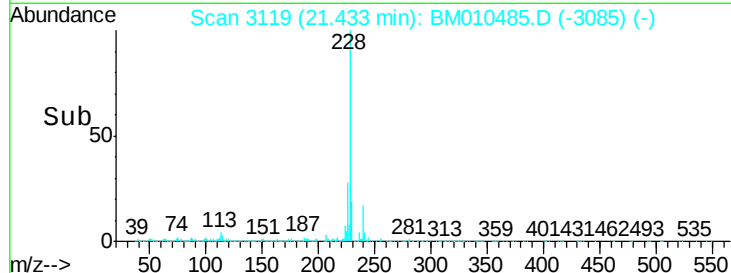
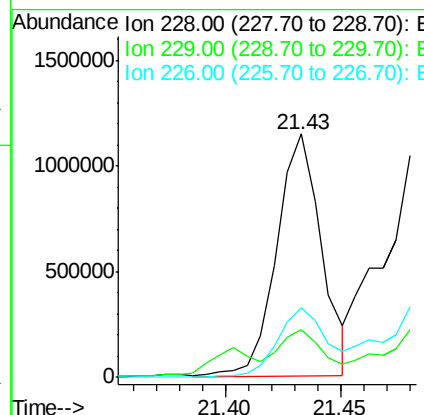
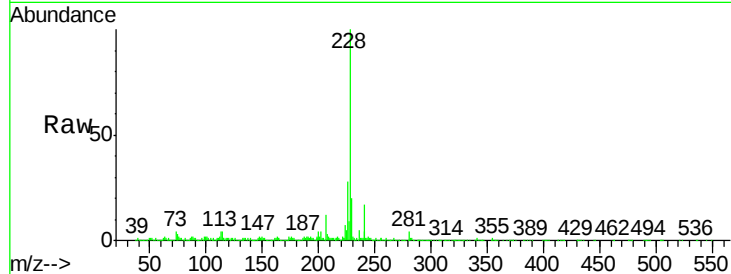
#80
Benzo(a)anthracene
Concen: 17.782 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Instrument :
BNA_M
ClientSampleId :
F5C24

Tgt Ion:228 Resp: 1548297
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 28.4 21.4 32.0

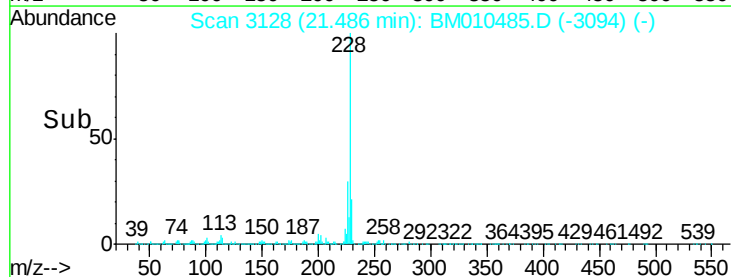
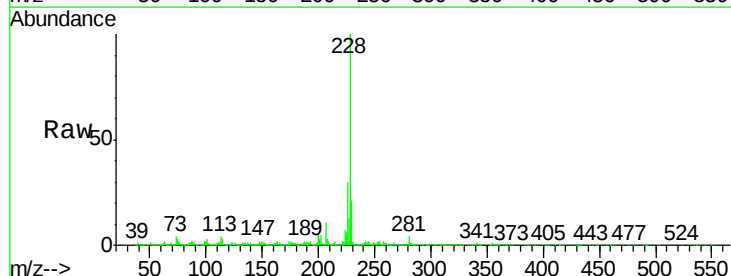
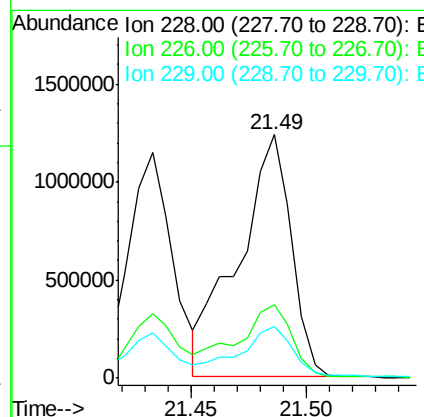
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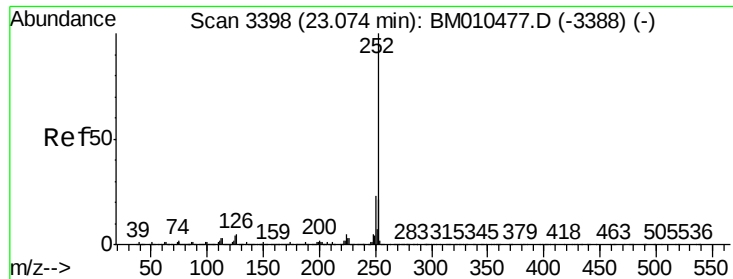
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#82
Chrysene
Concen: 25.027 ng/ul
RT: 21.49 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Tgt Ion:228 Resp: 1969869
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 21.3 15.5 23.3





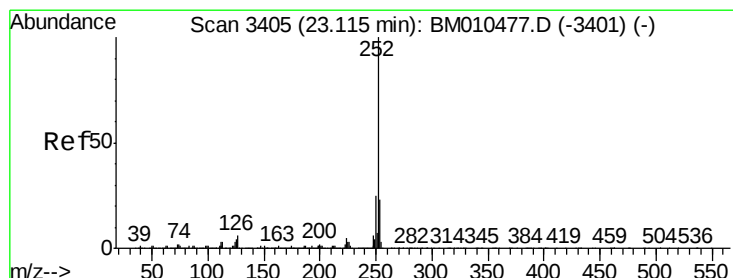
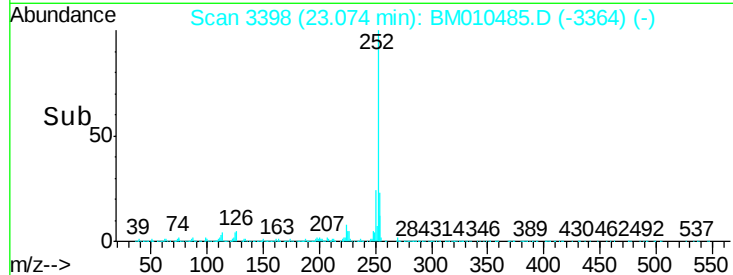
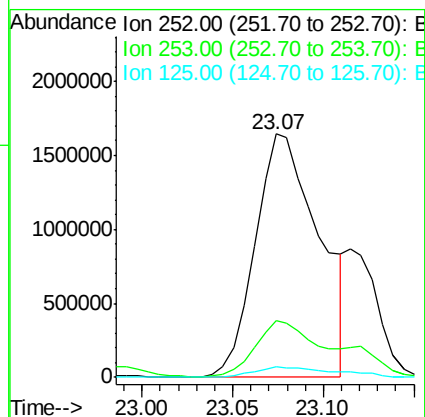
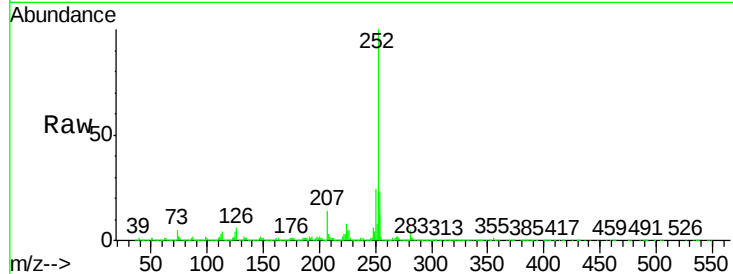
#85
Benzo(b)fluoranthene
Concen: 44.228 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Instrument :
BNA_M
ClientSampleId :
F5C24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	4.4	3.6	5.4

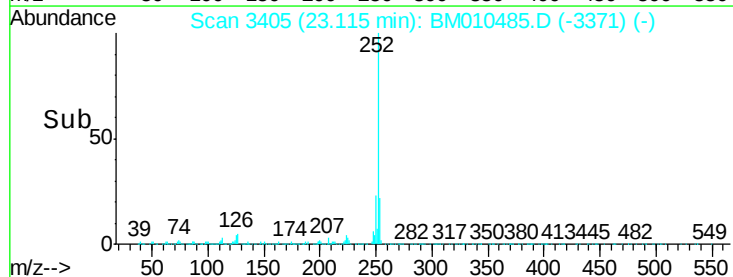
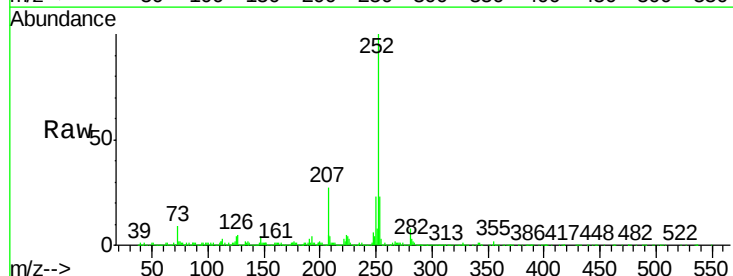
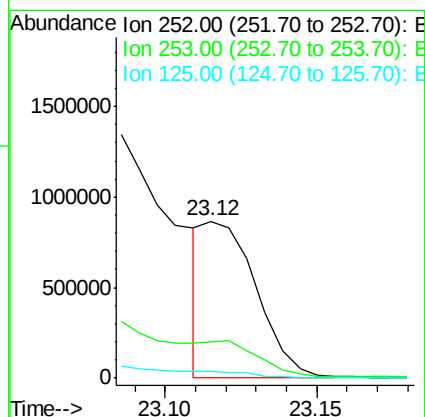
Manual Integrations
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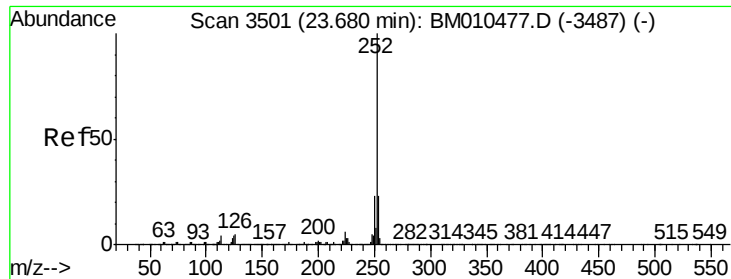
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#86
Benzo(k)fluoranthene
Concen: 11.971 ng/ul m
RT: 23.12 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	4.4	3.4	5.2





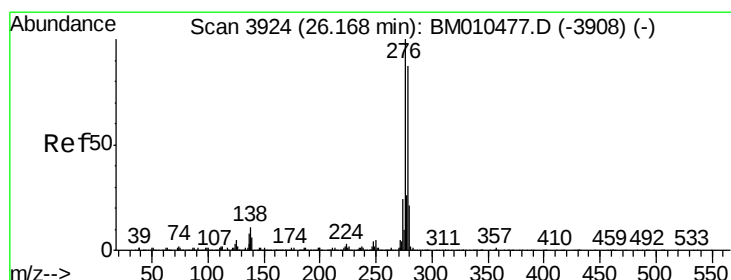
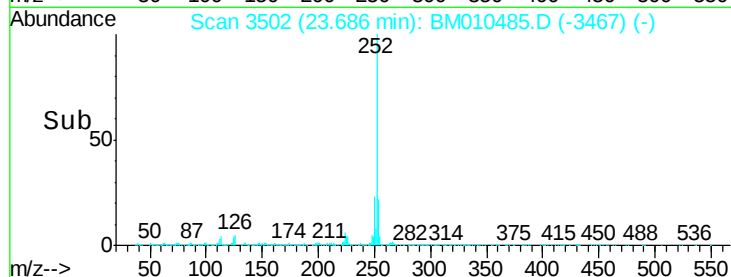
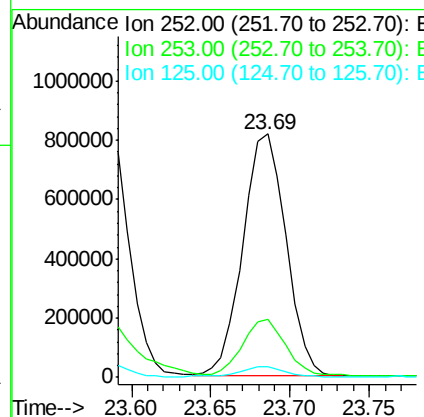
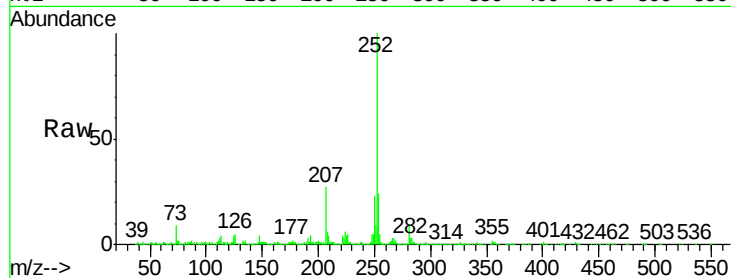
#88
Benzo(a)pyrene
Concen: 17.268 ng/u1
RT: 23.69 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Instrument :
BNA_M
ClientSampled :
F5C24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	4.5	4.0	6.0

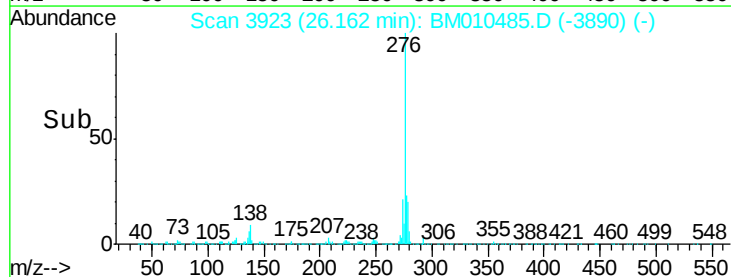
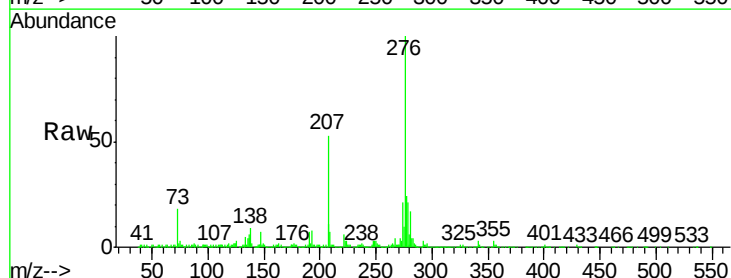
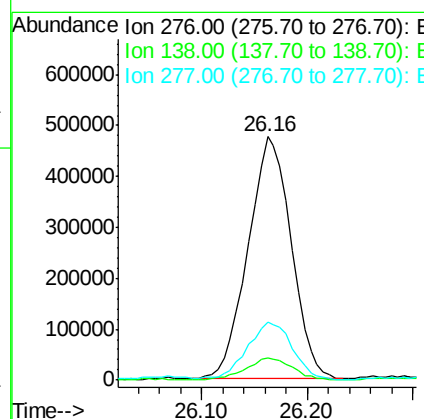
Manual Integrations
APPROVED

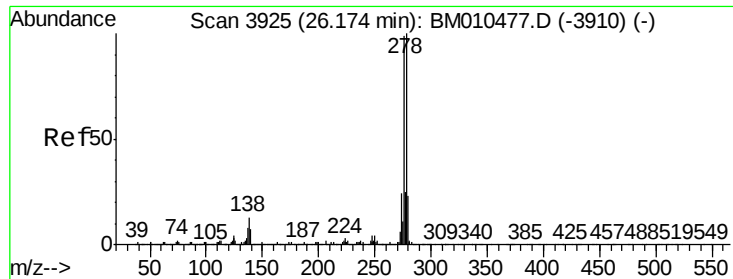
mohammad
6/12/2017 3:40:47 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 11.823 ng/u1
RT: 26.16 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.3	13.9#
277	23.6	19.9	29.9





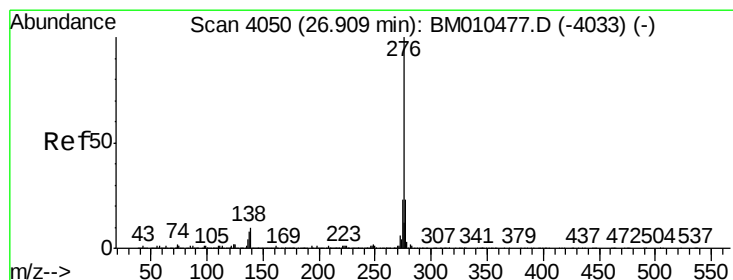
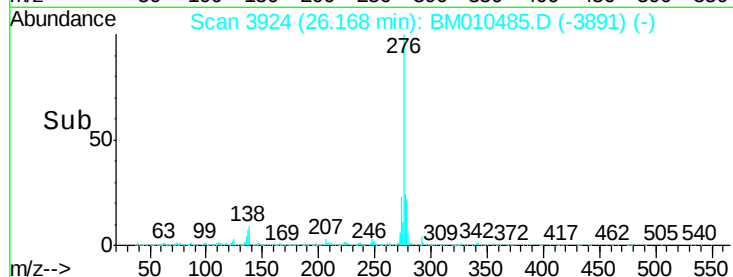
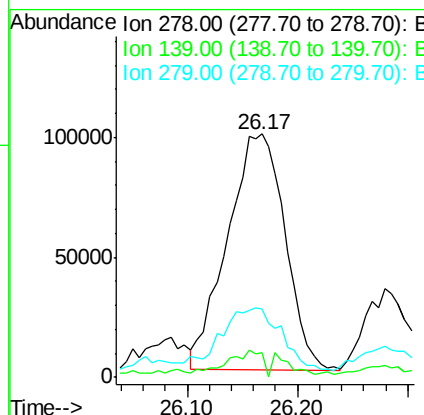
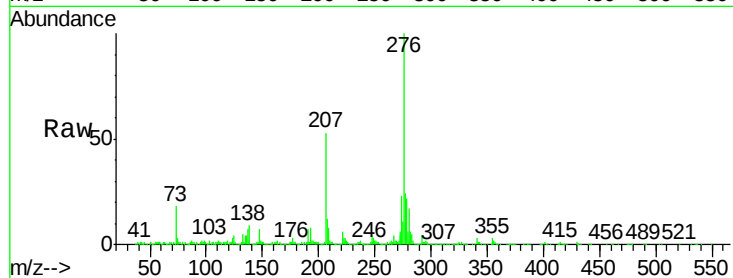
#90
Dibenzo(a,h)anthracene
Concen: 3.675 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Instrument :
BNA_M
ClientSampleId :
F5C24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.1	5.8	8.8#
279	28.1	18.6	27.8#

Manual Integrations
APPROVED

mohammad
6/12/2017 3:40:47 PM



#91
Benzo(g,h,i)perylene
Concen: 10.992 ng/ul
RT: 26.91 min Scan# 4050
Delta R.T. 0.00 min
Lab File: BM010485.D
Acq: 10 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.5	12.7
277	22.4	18.6	28.0

