

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012484.D
 Acq On : 27 Oct 2017 13:43
 Operator : SJ/JU
 Sample : I5719-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-37(0-1)-100417

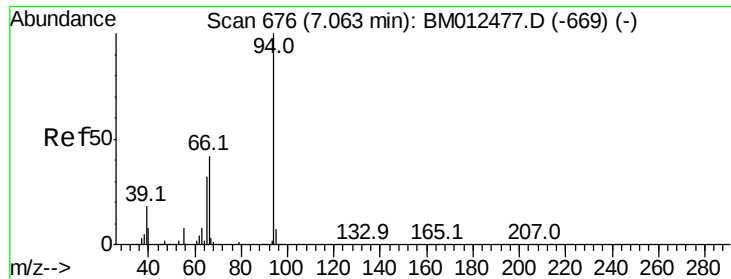
Manual Integrations
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 10/30/2017 6:30:08 PM

Quant Time: Oct 28 01:12:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	561367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2038696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1102669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2285948	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2632555	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	2999702	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	30917	2.81	ng/uL	0.00
5) Phenol-d5	7.05	99	712961	15.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	430529	15.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	564514	16.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	562720	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	263961	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	282391	21.47	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	589647	16.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	49576	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1702369	17.67	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2045586	17.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	215926	15.08	ng/ul	0.00
57) Fluorene-d10	15.50	176	1404327	17.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	73556	6.65	ng/ul	0.00
70) Anthracene-d10	17.34	188	2055384	18.87	ng/ul	-0.01
76) Pyrene-d10	19.63	212	2240184	18.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2585987	18.15	ng/ul	0.01
Target Compounds						
6) Phenol	7.07	94	225053	4.609	ng/ul#	86
44) Dimethylphthalate	13.96	163	859515	9.020	ng/ul	99
47) Acenaphthylene	14.23	152	256365	2.357	ng/ul	97
58) Fluorene	15.55	166	112807	1.210	ng/ul	98
69) Phenanthrene	17.29	178	2397429	19.394	ng/ul	99
71) Anthracene	17.37	178	638487	4.997	ng/ul	97
72) Carbazole	17.64	167	243522	2.301	ng/ul	96
74) Fluoranthene	19.30	202	5877327	41.958	ng/ul#	93
77) Pvrene	19.66	202	5487395	36.655	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	3170197	20.110	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.33	149	982282	10.946	ng/ul	97
82) Chrysene	21.46	228	3716773	26.518	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	5930743	31.983	ng/ul#	80
86) Benzo(k)fluoranthene	23.08	252	1645886m	9.430	ng/ul	
88) Benzo(a)pyrene	23.64	252	4057342	22.949	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.12	276	3302385	15.871	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.12	278	875390	4.962	ng/ul#	56
91) Benzo(g,h,i)perylene	26.86	276	3413352	20.241	ng/ul#	89

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



#6

Phenol

Concen: 4.609 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

ClientSampleId :

B-37(0-1)-100417

Tot Ion: 94 Resp: 225053

Ion Ratio Lower Upper

94 100

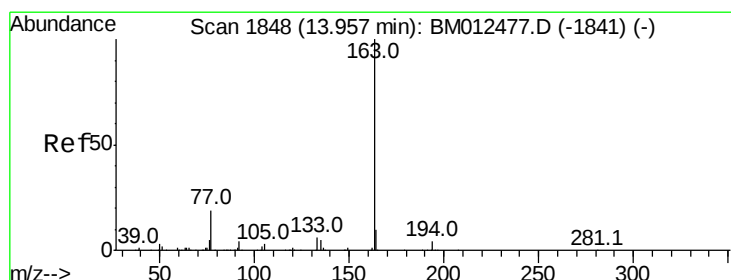
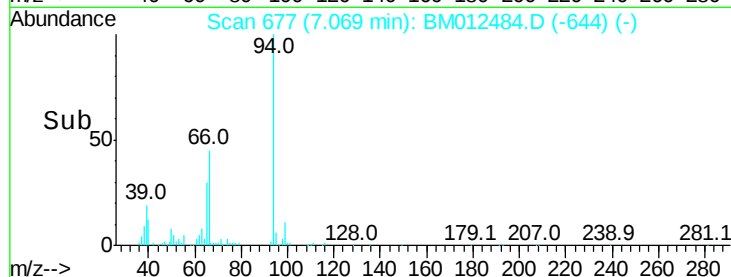
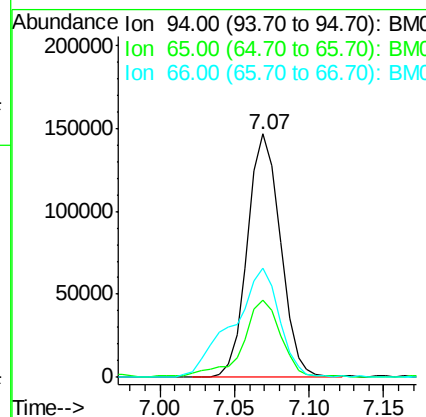
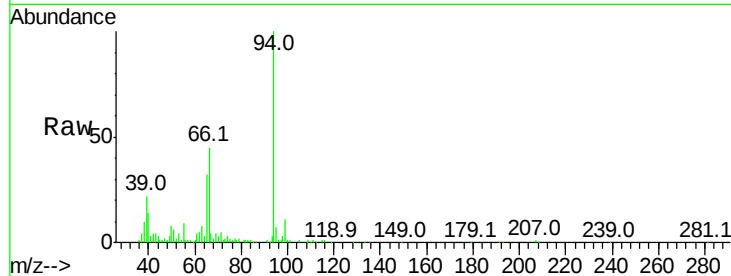
65 31.8 28.2 42.4

66 44.8 47.2 70.8#

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#44

Dimethylphthalate

Concen: 9.020 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

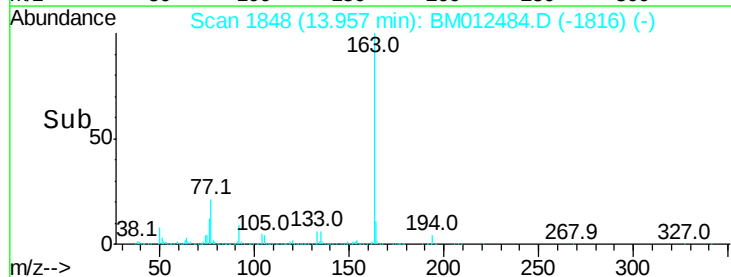
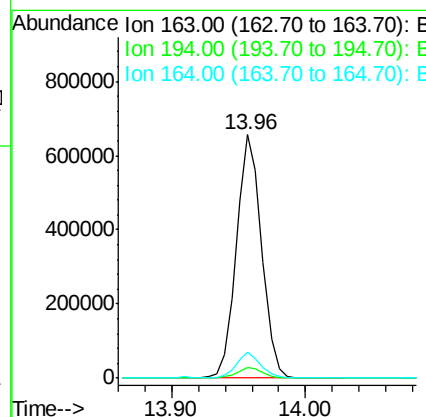
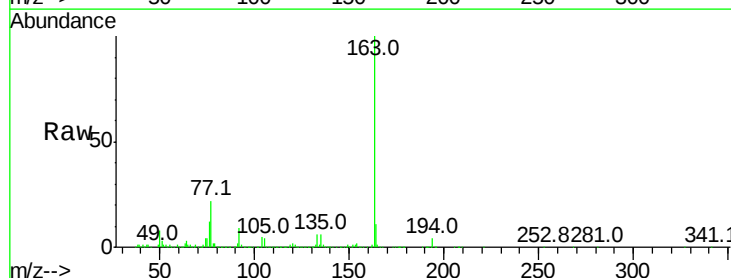
Tgt Ion: 163 Resp: 859515

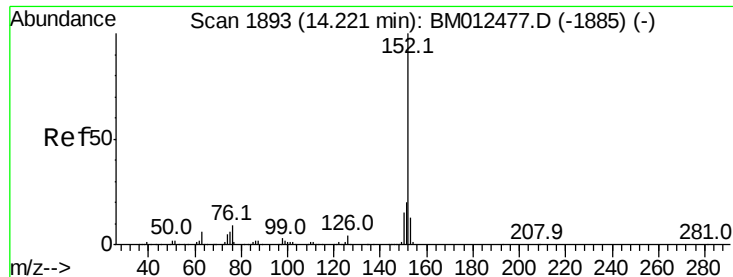
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.6 8.2 12.4





#47

Acenaphthylene

Concen: 2.357 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

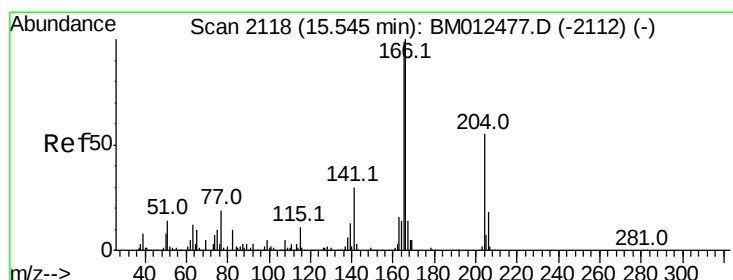
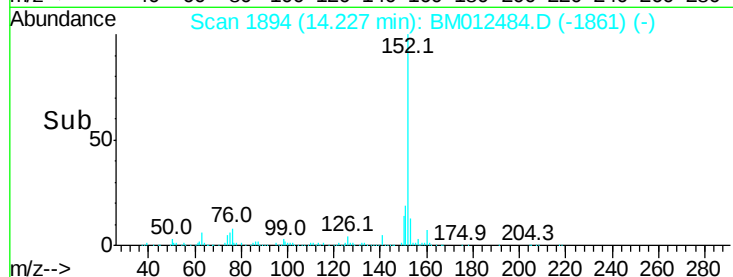
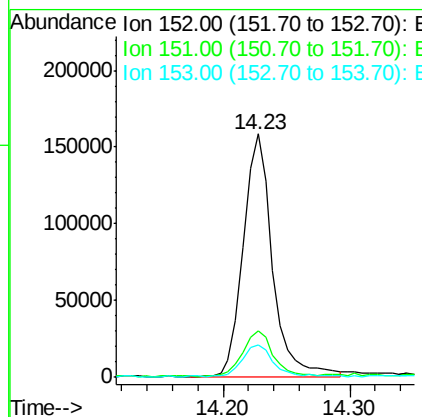
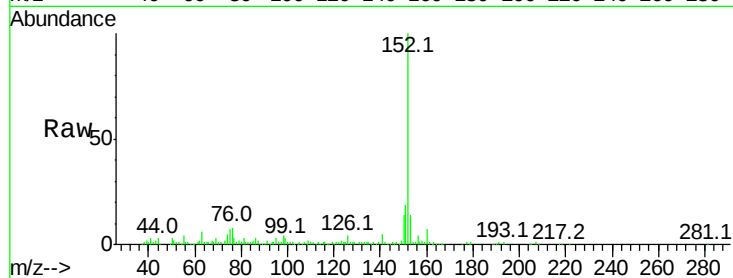
ClientSampleId :

B-37(0-1)-100417

Tot Ion	Ratio	Resp	Lower	Upper
152	100	256365		
151	19.0		16.3	24.5
153	13.5		10.2	15.4

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#58

Fluorene

Concen: 1.210 ng/ul

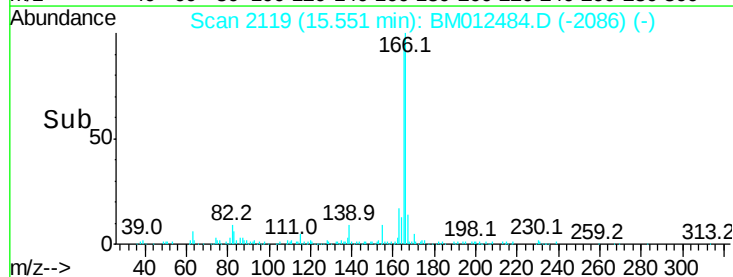
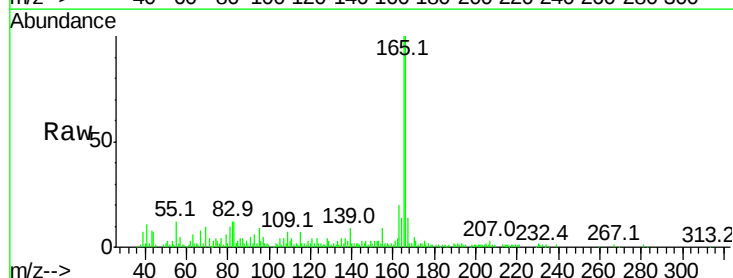
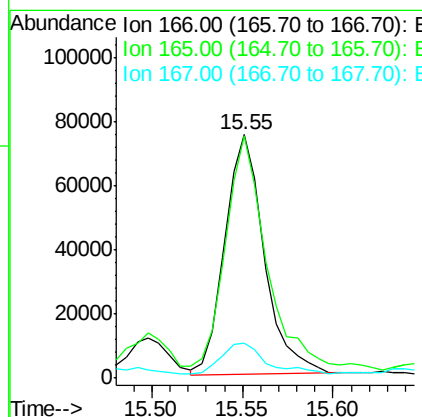
RT: 15.55 min Scan# 2119

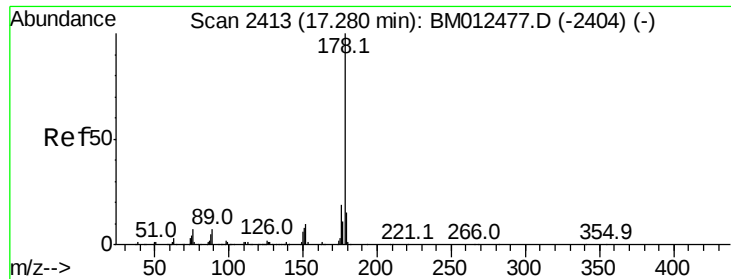
Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	112807		
165	99.6		77.9	116.9
167	14.4		10.6	16.0





#69

Phenanthrene

Concen: 19.394 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

ClientSampleId :

B-37(0-1)-100417

Tot Ion:178 Resp: 2397429

Ion Ratio Lower Upper

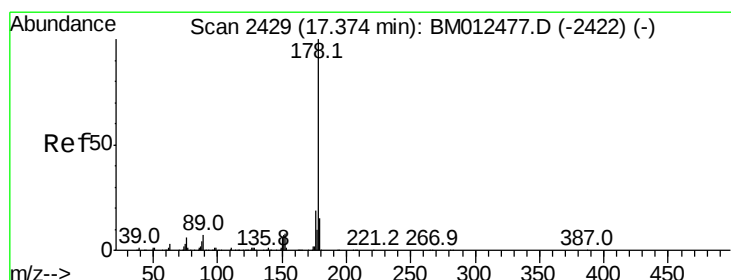
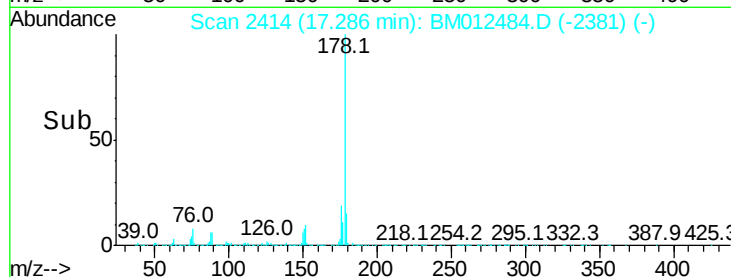
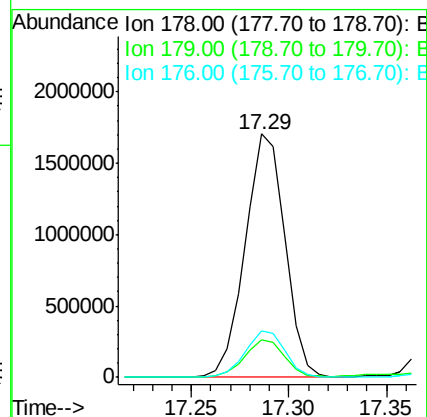
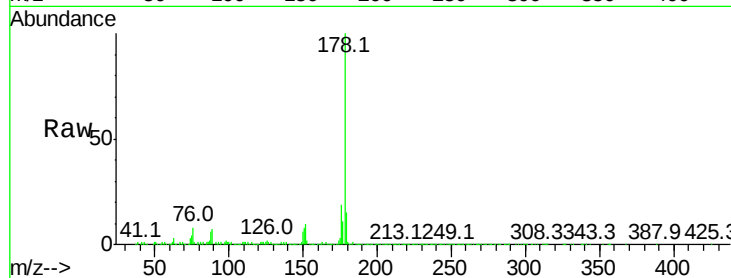
178 100

179 15.4 12.6 19.0

176 18.9 14.9 22.3

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#71

Anthracene

Concen: 4.997 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

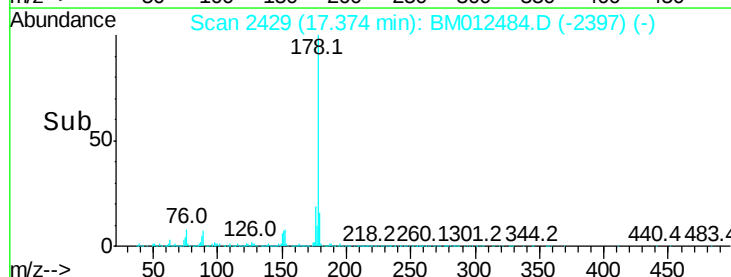
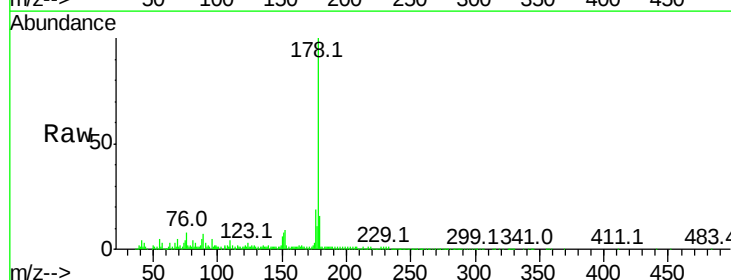
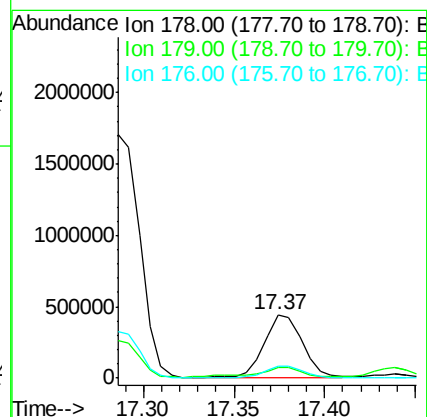
Tgt Ion:178 Resp: 638487

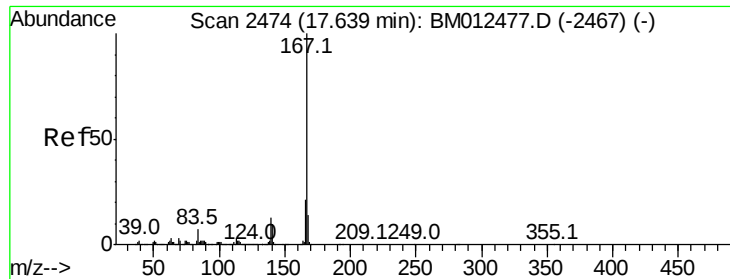
Ion Ratio Lower Upper

178 100

179 16.3 11.7 17.5

176 19.0 14.6 21.8





#72

Carbazole

Concen: 2.301 ng/ul

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

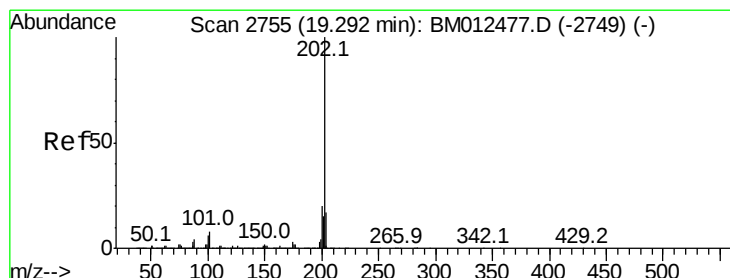
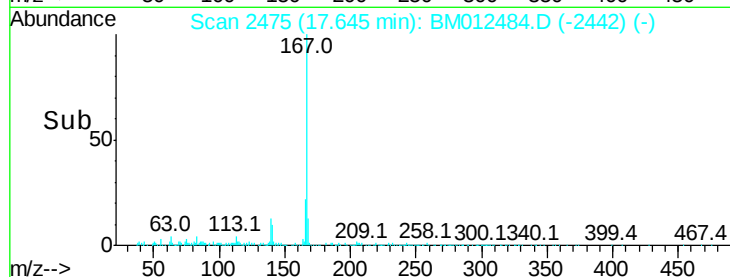
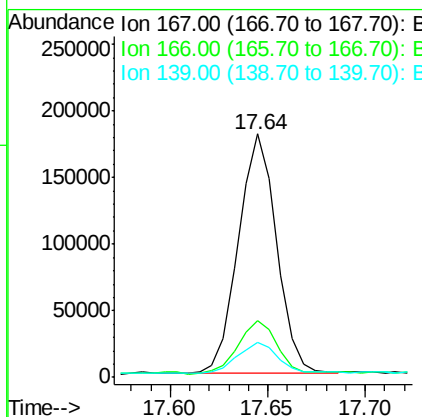
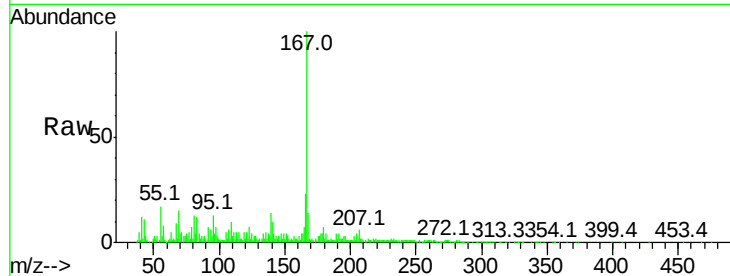
ClientSampleId :

B-37(0-1)-100417

Tot Ion:	167	Resp:	243522
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.1	25.7
139	14.4	10.0	15.0

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#74

Fluoranthene

Concen: 41.958 ng/ul

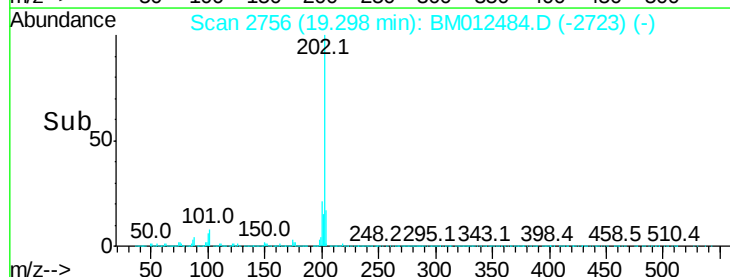
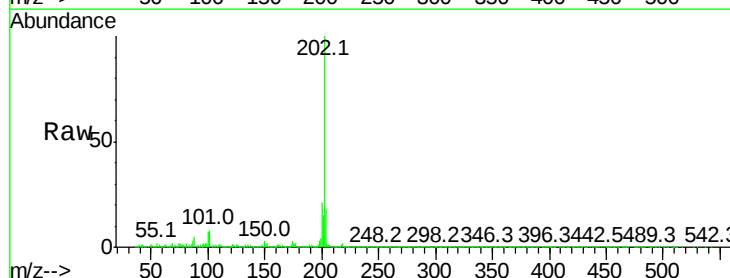
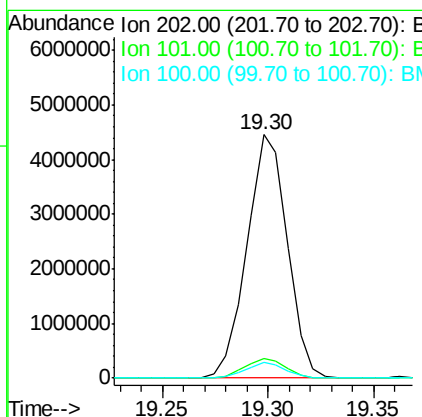
RT: 19.30 min Scan# 2756

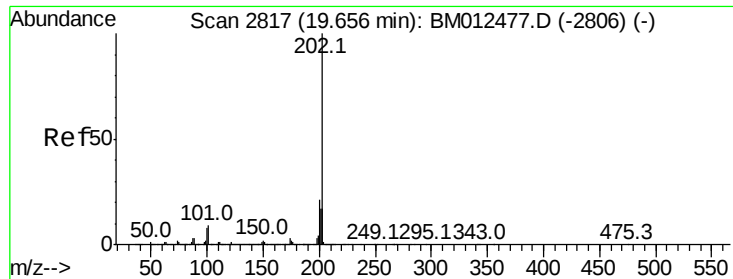
Delta R.T. -0.01 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Tgt Ion:	202	Resp:	5877327
Ion Ratio	Lower	Upper	
202	100		
101	8.3	4.6	7.0#
100	6.5	3.4	5.2#





#77

Pvrene

Concen: 36.655 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

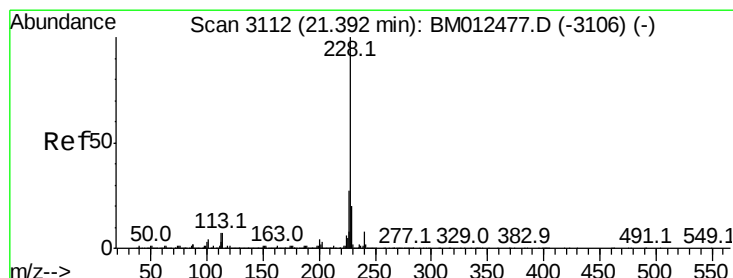
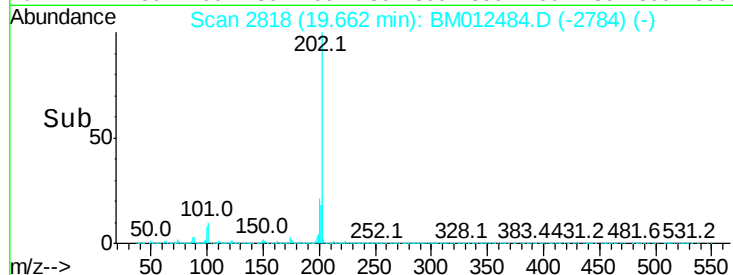
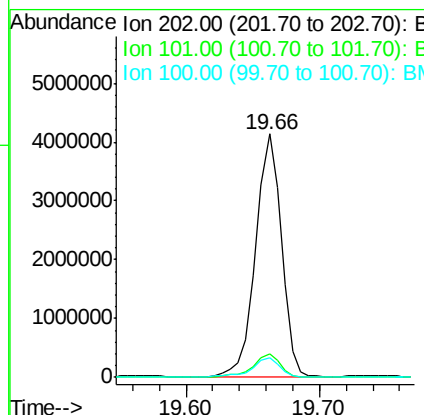
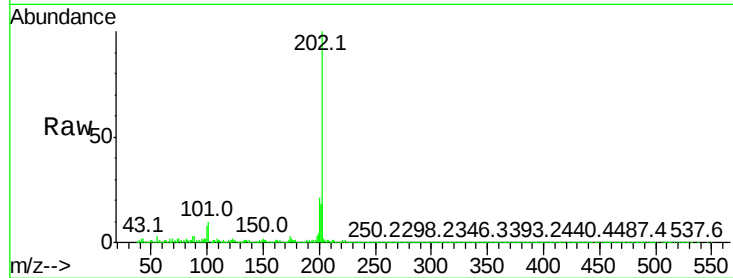
ClientSampleId :

B-37(0-1)-100417

Tot Ion:	202	Resp:	5487395
Ion Ratio	Lower	Upper	
202	100		
101	9.8	5.1	7.7#
100	8.1	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 20.110 ng/ul

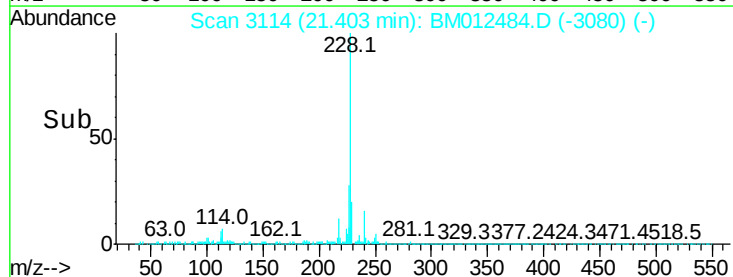
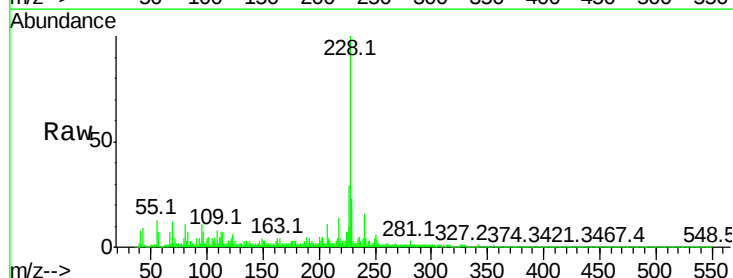
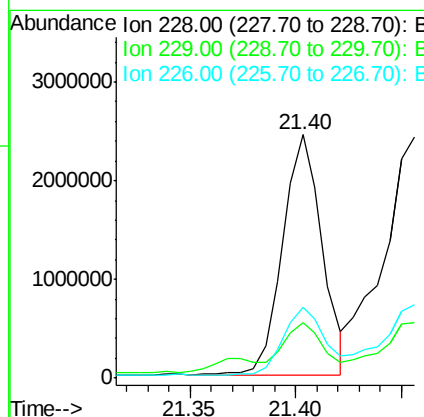
RT: 21.40 min Scan# 3114

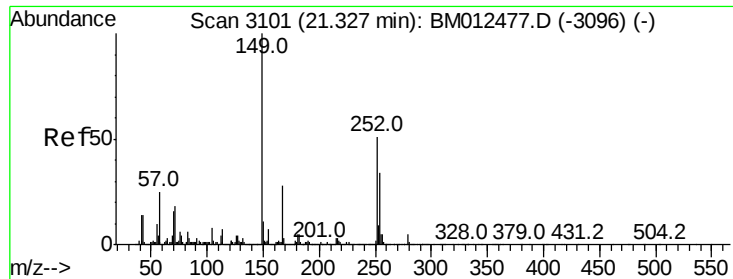
Delta R.T. 0.00 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Tgt Ion:	228	Resp:	3170197
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.4	23.0
226	28.8	21.4	32.0





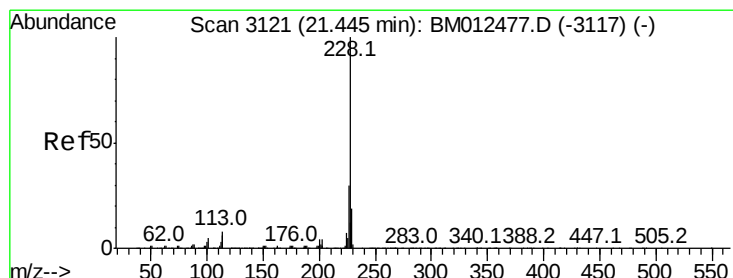
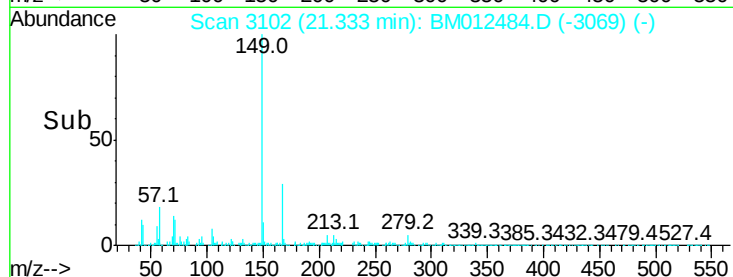
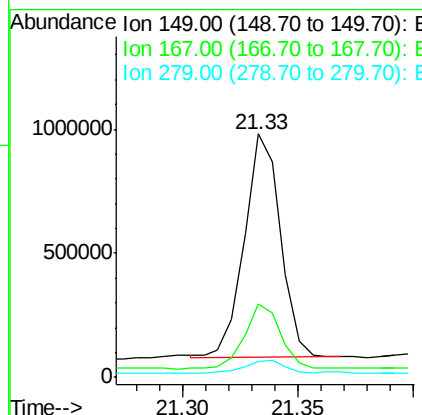
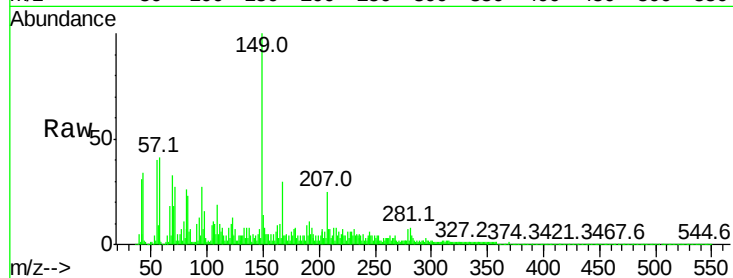
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.946 ng/ul
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM012484.D
 Acq: 27 Oct 2017 13:43

Instrument :
 BNA_M
 ClientSampleId :
 B-37(0-1)-100417

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.8	34.2
279	6.5	4.9	7.3

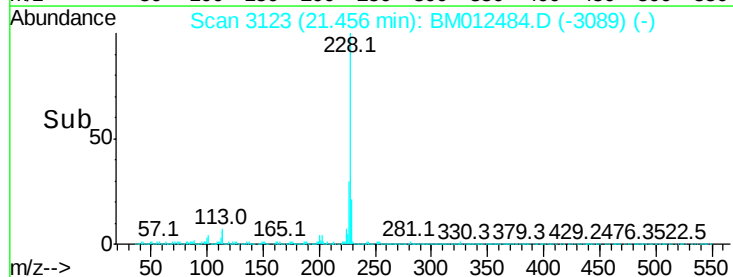
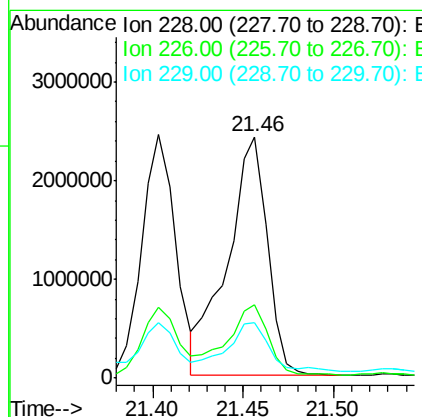
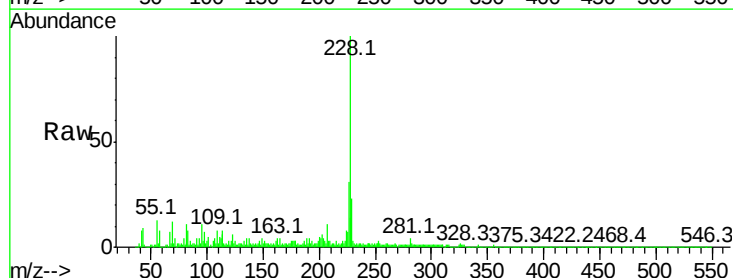
Manual Integrations
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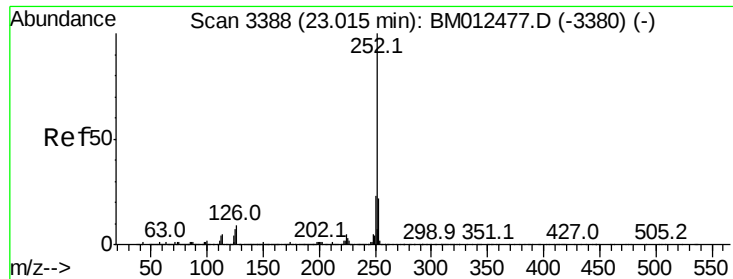
Sohil
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#82
 Chrysene
 Concen: 26.518 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM012484.D
 Acq: 27 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.1	15.5	23.3





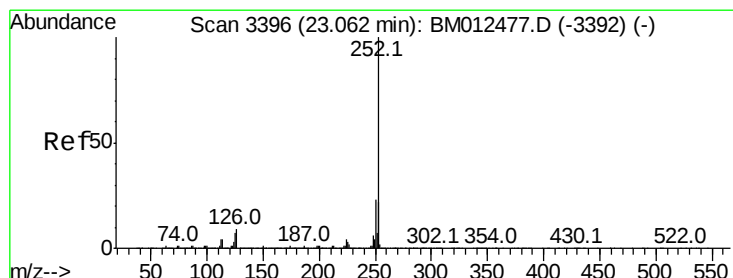
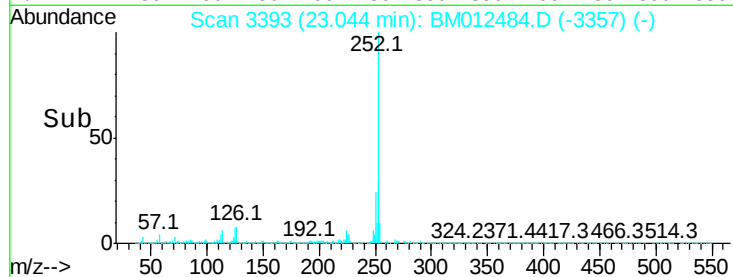
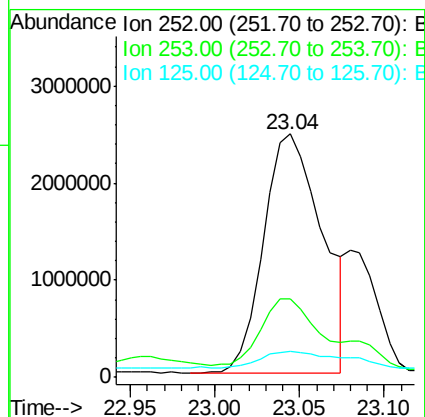
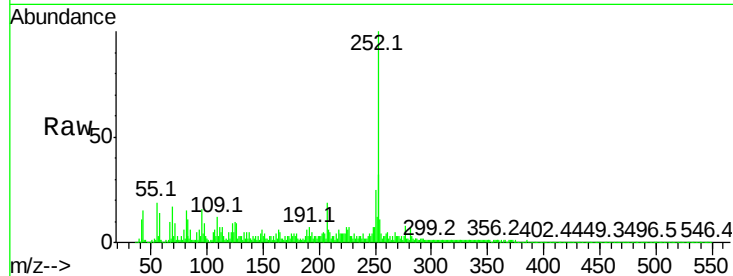
#85
Benzo(b)fluoranthene
Concen: 31.983 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.01 min
Lab File: BM012484.D
Acq: 27 Oct 2017 13:43

Instrument :
BNA_M
ClientSampleId :
B-37(0-1)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.9	26.9#
125	10.4	3.6	5.4#

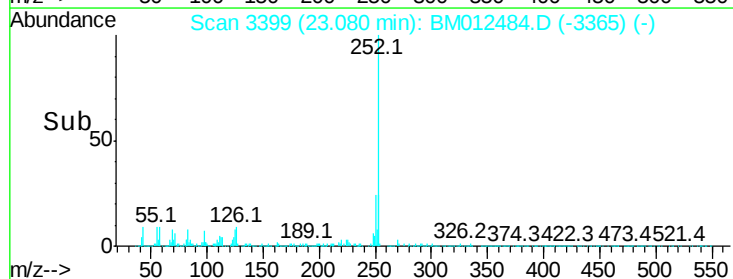
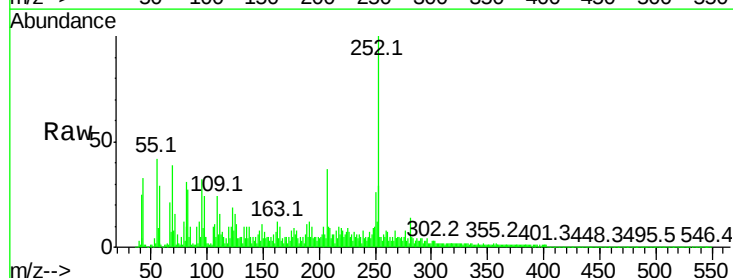
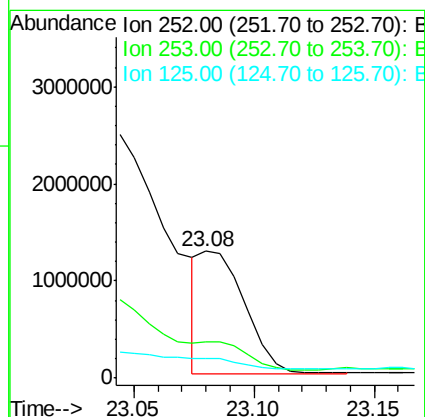
Manual Integrations
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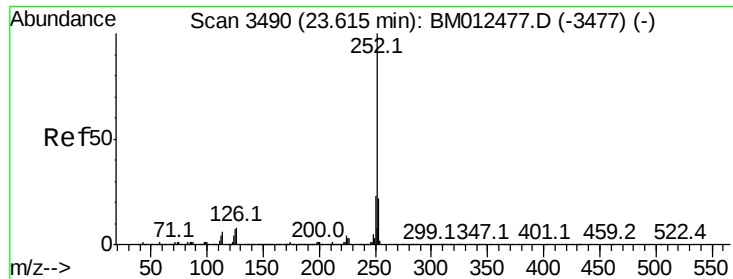
Sohil
10/30/2017 6:30:08 PM



#86
Benzo(k)fluoranthene
Concen: 9.430 ng/ul m
RT: 23.08 min Scan# 3399
Delta R.T. 0.00 min
Lab File: BM012484.D
Acq: 27 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.1	25.7#
125	15.7	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 22.949 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.02 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

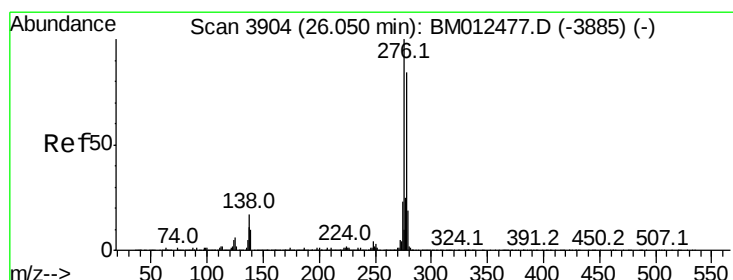
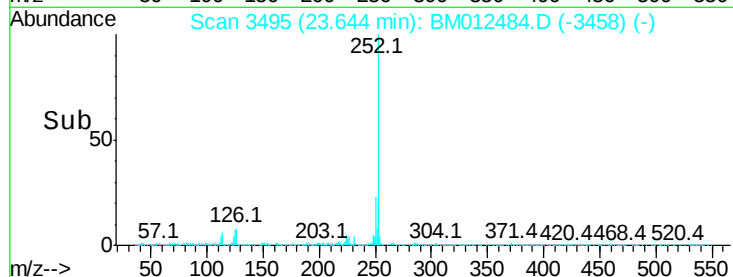
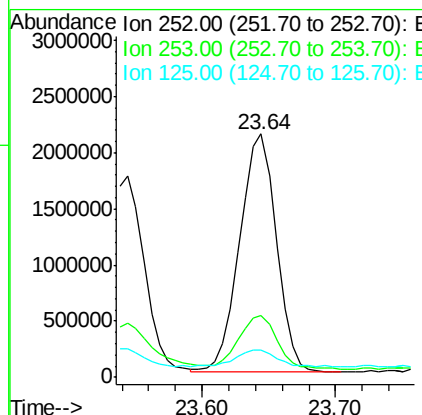
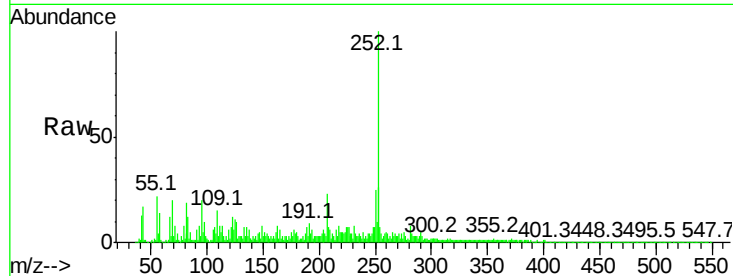
ClientSampleId :

B-37(0-1)-100417

Tot Ion:	252	Resp:	4057342
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.2
125	11.2	4.0	6.0#

Manual Integrations
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Sohil
10/30/2017 6:30:08 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 15.871 ng/ul

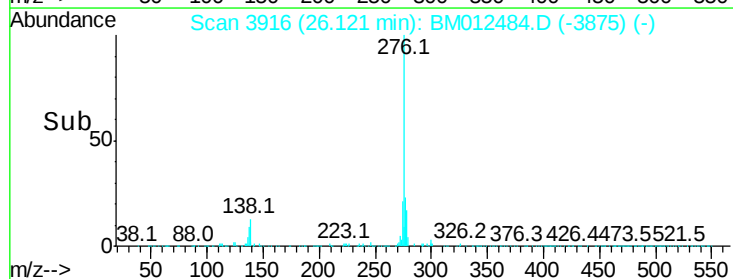
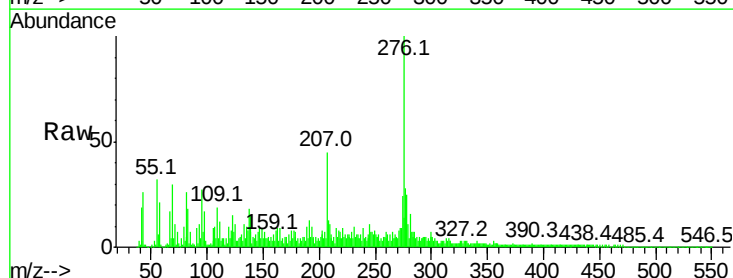
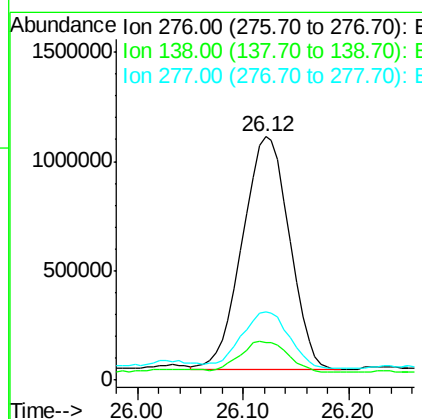
RT: 26.12 min Scan# 3916

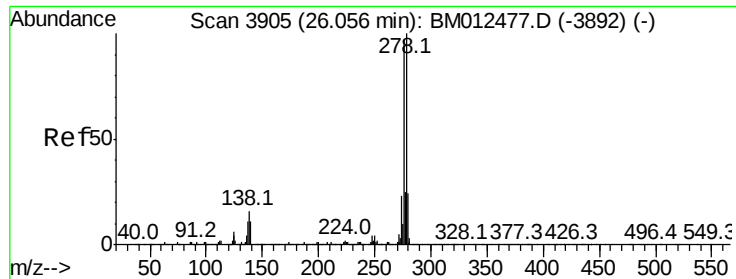
Delta R.T. 0.04 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Tgt Ion:	276	Resp:	3302385
Ion Ratio	Lower	Upper	
276	100		
138	15.4	9.3	13.9#
277	28.2	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 4.962 ng/ul

RT: 26.12 min Scan# 3916

Delta R.T. 0.03 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Instrument :

BNA_M

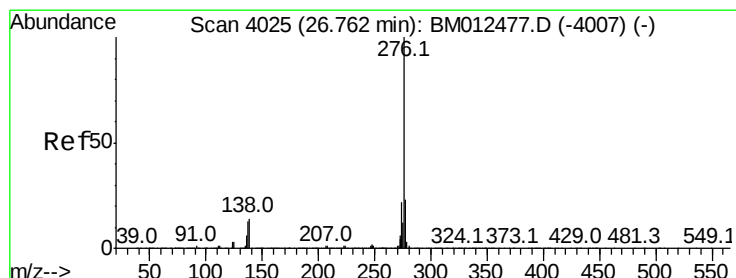
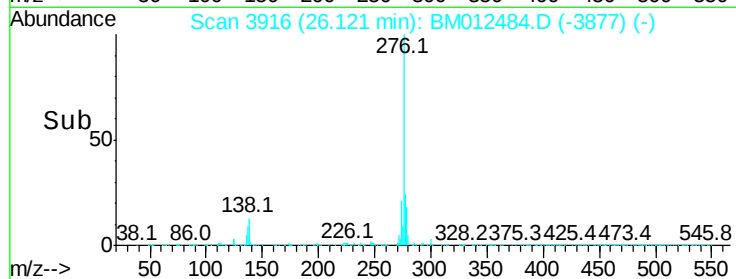
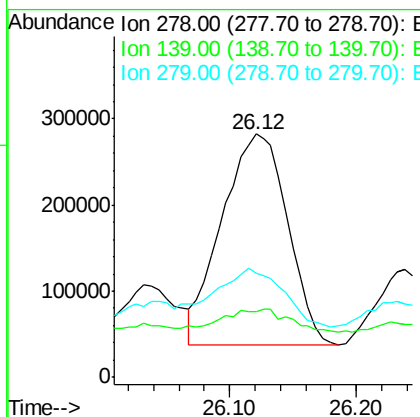
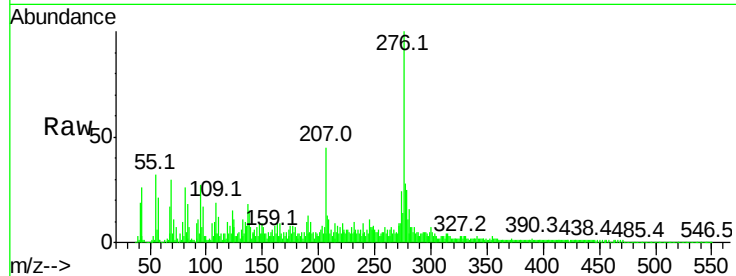
ClientSampled :

B-37(0-1)-100417

Tot Ion:	278	Resp:	875390
Ion Ratio	Lower	Upper	
278	100		
139	26.9	5.8	8.8#
279	43.0	18.6	27.8#

Manual Integrations
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10/30/2017 6:30:08 PM



#91

Benzo(g,h,i)perylene

Concen: 20.241 ng/ul

RT: 26.86 min Scan# 4041

Delta R.T. 0.06 min

Lab File: BM012484.D

Acq: 27 Oct 2017 13:43

Tgt Ion:	276	Resp:	3413352
Ion Ratio	Lower	Upper	
276	100		
138	16.2	8.5	12.7#
277	27.6	18.6	28.0

