

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013357.D
 Acq On : 13 Dec 2017 01:58
 Operator : SJ/JU
 Sample : I6776-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A53

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:57 PM

Quant Time: Dec 13 04:47:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	90786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	415587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	272631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	736076	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1102721	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1151442	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	7499	4.09	ng/uL	0.00
5) Phenol-d5	6.86	99	152422	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	85138	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	122013	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	126006	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	68297	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	68986	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	139212	19.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	122663m	18.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	490397	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	614428	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	75731	17.97	ng/ul	0.00
57) Fluorene-d10	15.32	176	452474	21.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	62258	13.45	ng/ul	0.00
70) Anthracene-d10	17.17	188	801026	21.73	ng/ul	0.00
76) Pyrene-d10	19.47	212	1067819	19.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1255208	21.40	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.89	94	30334	3.907	ng/ul#	83
44) Dimethylphthalate	13.79	163	93819	4.043	ng/ul	99
47) Acenaphthylene	14.04	152	235761	8.510	ng/ul	99
71) Anthracene	17.21	178	146875	3.436	ng/ul	99
74) Fluoranthene	19.14	202	230026	4.489	ng/ul#	89
77) Pyrene	19.50	202	374141	5.585	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	447200	6.392	ng/ul	95
82) Chrysene	21.30	228	588110m	9.060	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	1536059	19.789	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	500939m	6.858	ng/ul	
88) Benzo(a)pyrene	23.40	252	780620	11.195	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	698273	10.093	ng/ul	98
90) Dibenzo(a,h)anthracene	25.73	278	192615	3.270	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	559061	10.245	ng/ul#	93

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

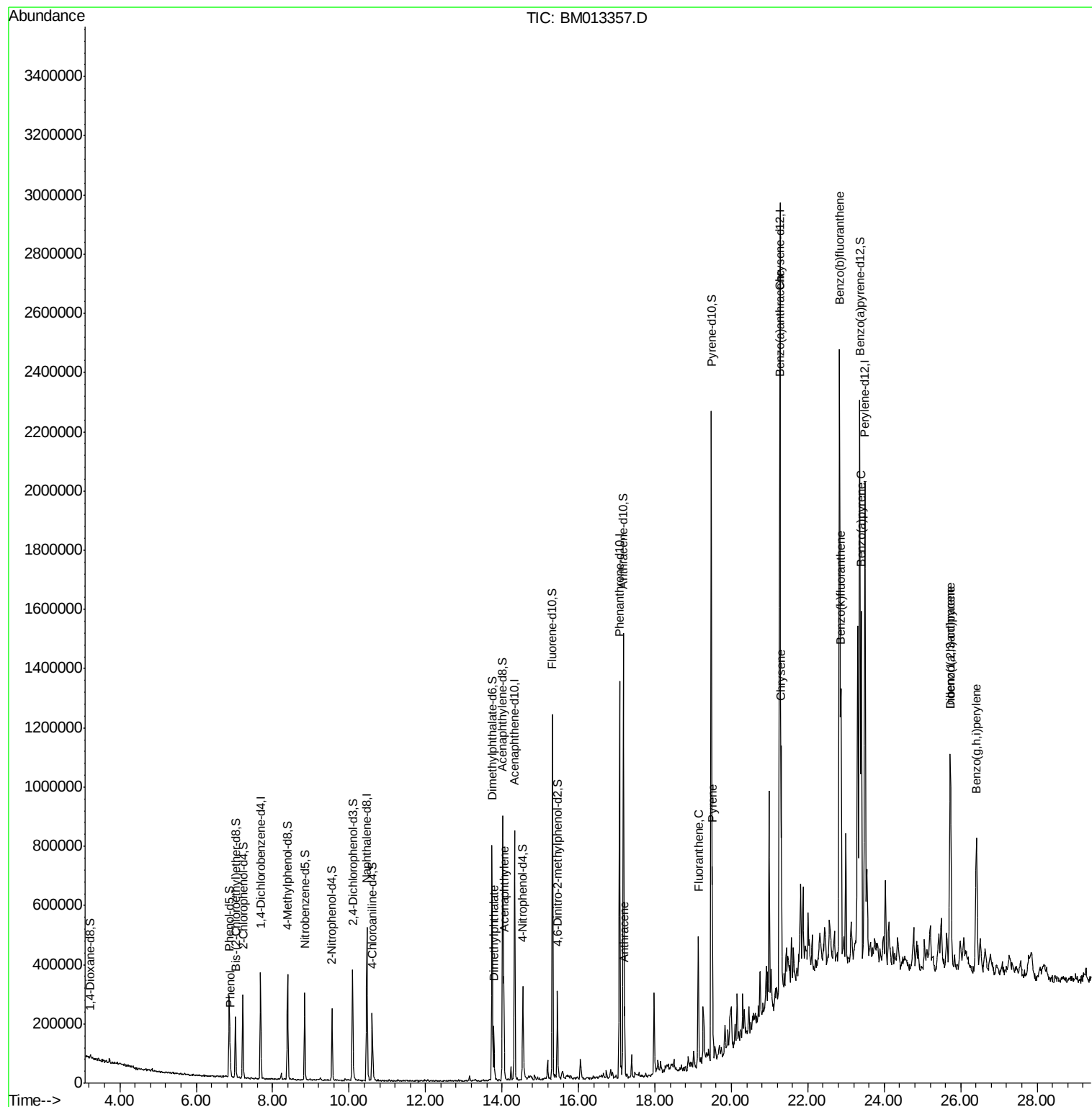
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013357.D
Acq On : 13 Dec 2017 01:58
Operator : SJ/JU
Sample : I6776-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

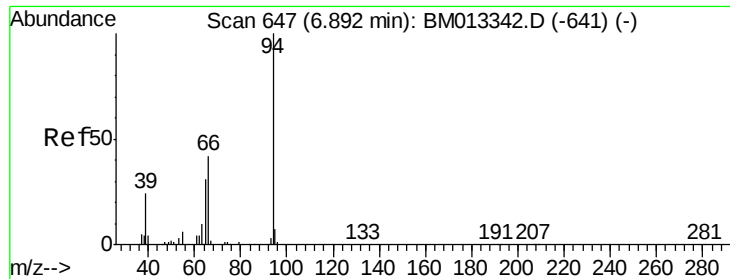
Instrument :
BNA_M
ClientSampleId :
F9A53

Quant Time: Dec 13 04:47:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 3.907 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampled :

F9A53

Tot Ion: 94 Resp: 30334

Ion Ratio Lower Upper

94 100

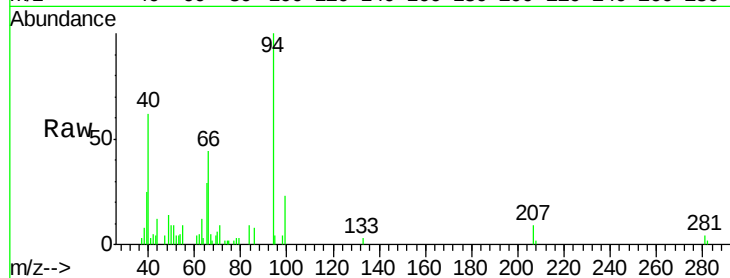
65 29.3 28.2 42.4

66 43.8 47.2 70.8#

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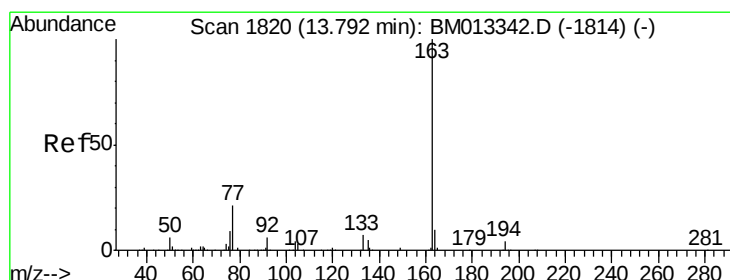
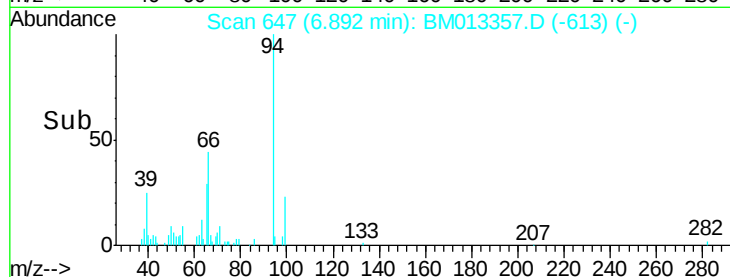
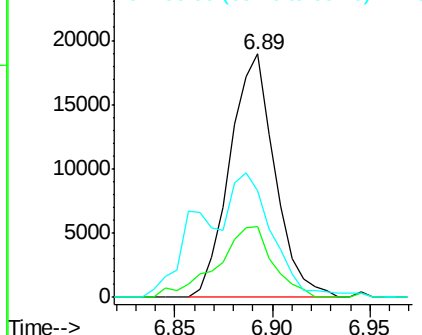


Abundance

Ion 94.00 (93.70 to 94.70): BM013342.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013342.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013342.D (-641) (-)



#44

Dimethylphthalate

Concen: 4.043 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

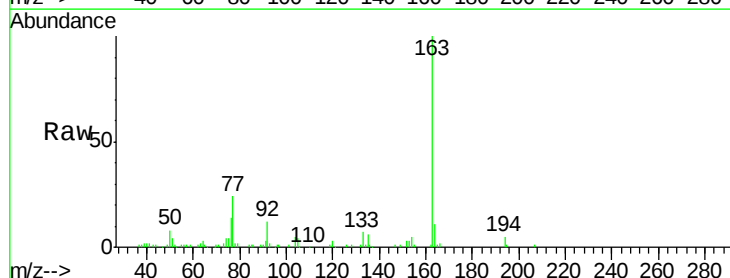
Tgt Ion: 163 Resp: 93819

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.6 8.2 12.4

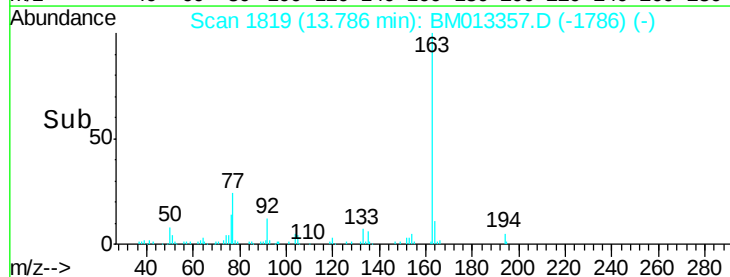
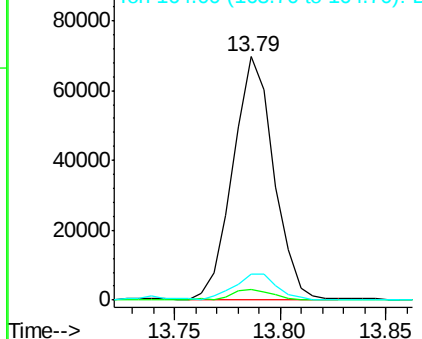


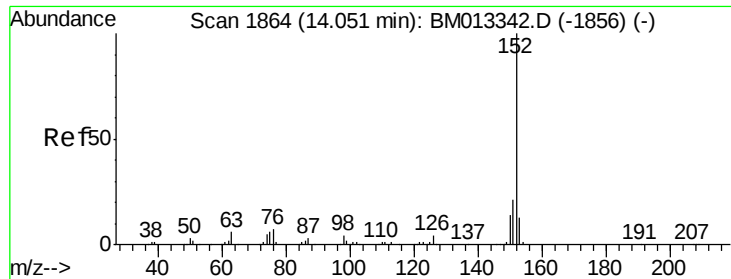
Abundance

Ion 163.00 (162.70 to 163.70): BM013342.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM013342.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013342.D (-1814) (-)





#47

Acenaphthylene

Concen: 8.510 ng/ul

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

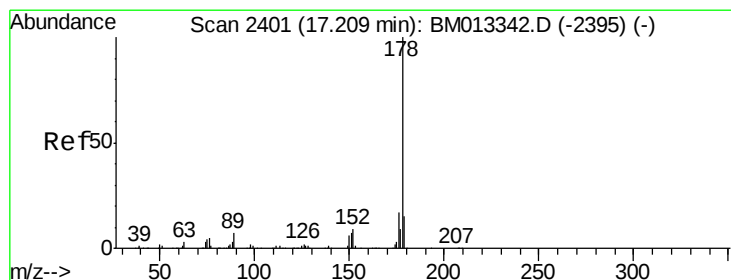
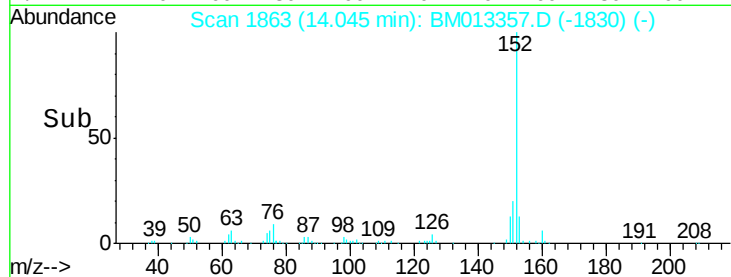
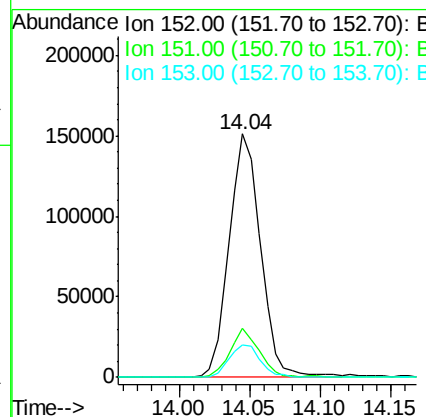
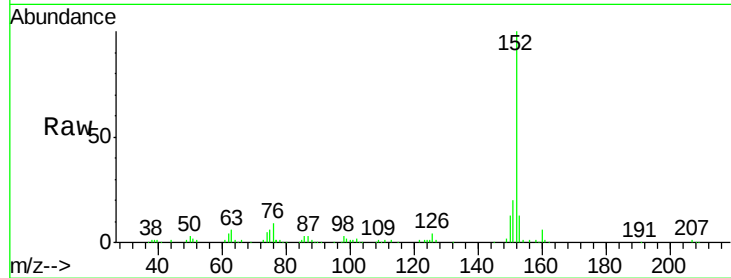
ClientSampled :

F9A53

Tot Ion:	152	Resp:	235761
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.3	10.2	15.4

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#71

Anthracene

Concen: 3.436 ng/ul

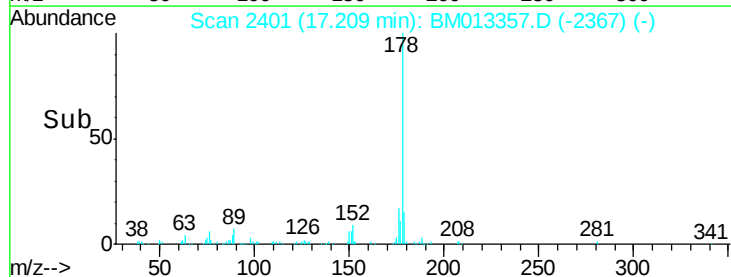
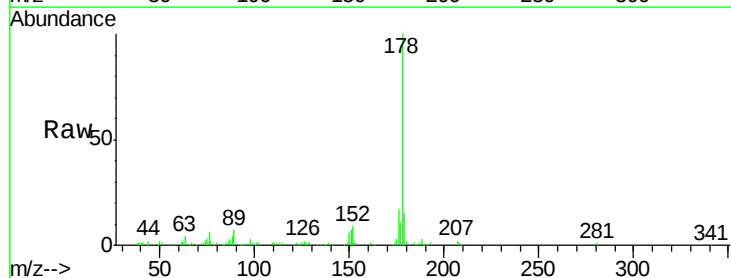
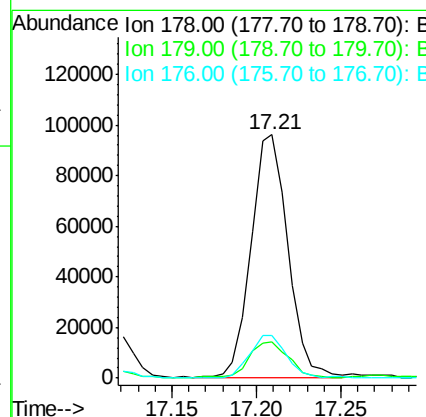
RT: 17.21 min Scan# 2401

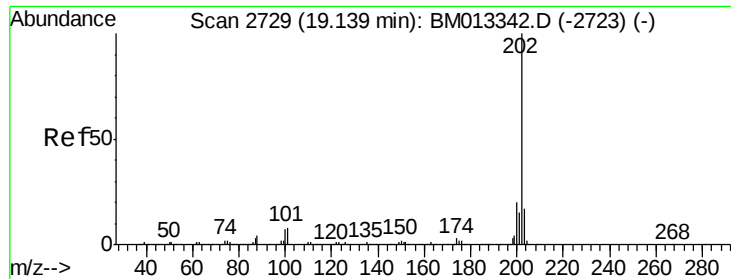
Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion:	178	Resp:	146875
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.7	17.5
176	17.4	14.6	21.8





#74

Fluoranthene

Concen: 4.489 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

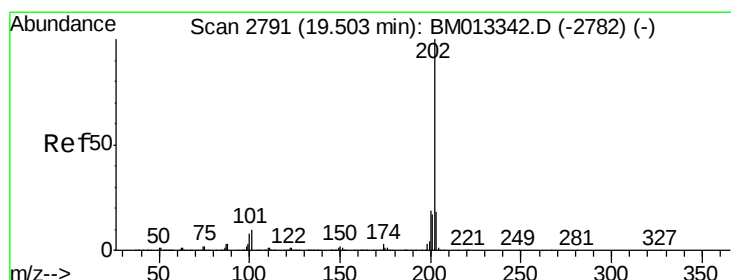
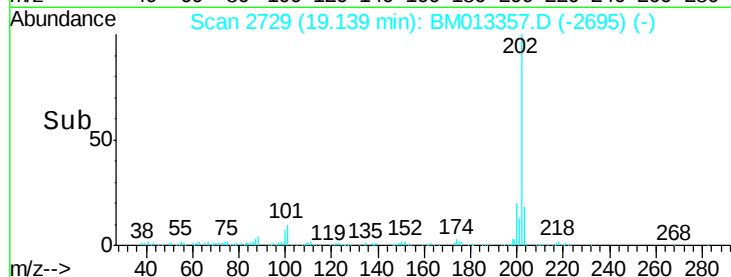
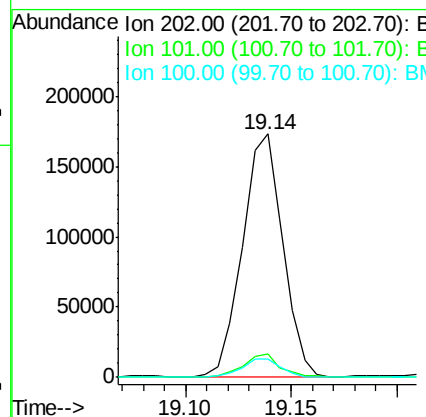
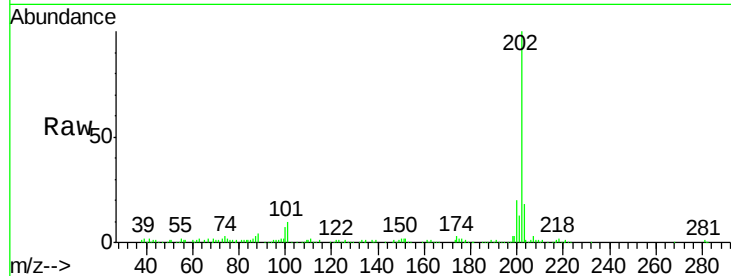
ClientSampleId :

F9A53

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	4.6	7.0#
100	7.3	3.4	5.2#

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#77

Pyrene

Concen: 5.585 ng/ul

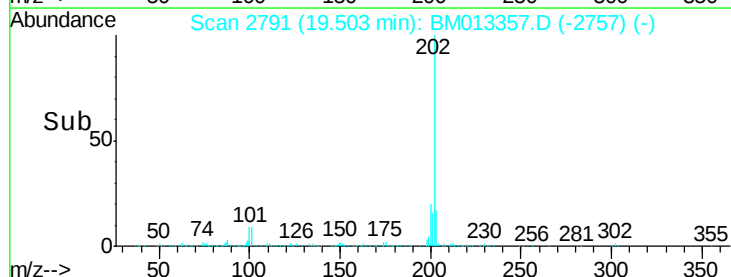
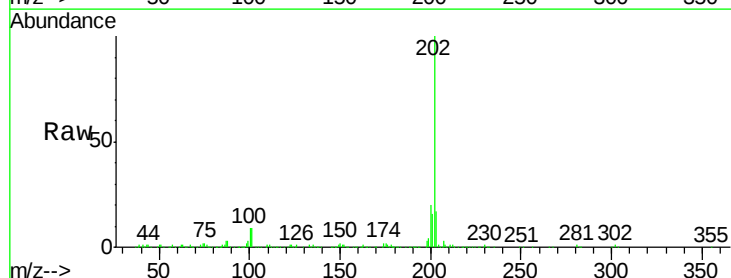
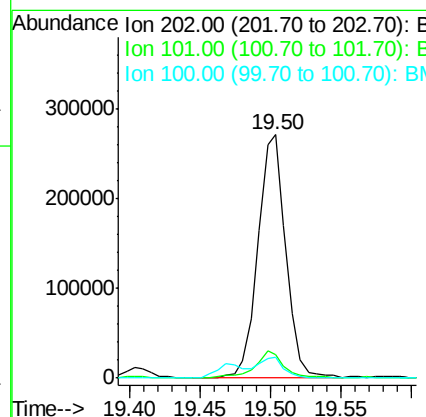
RT: 19.50 min Scan# 2791

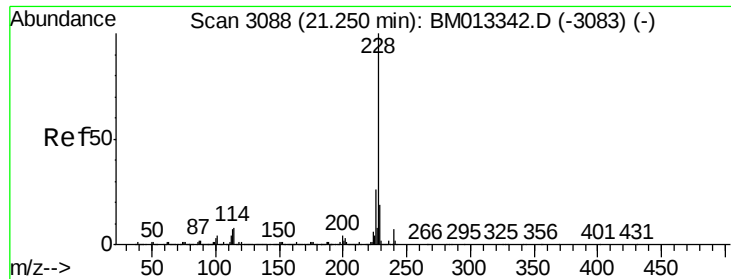
Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	8.6	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 6.392 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

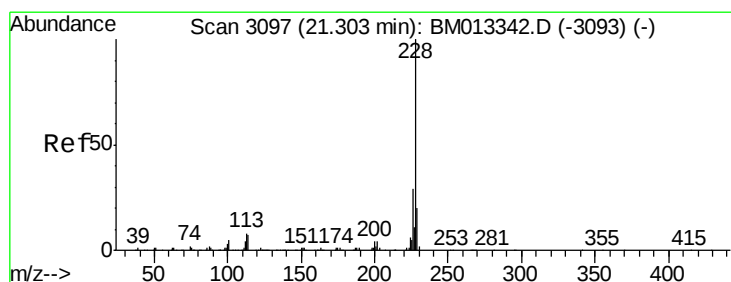
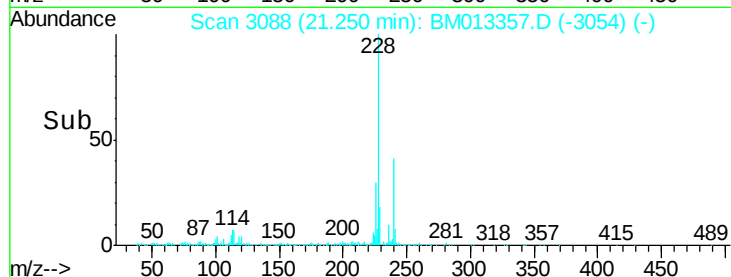
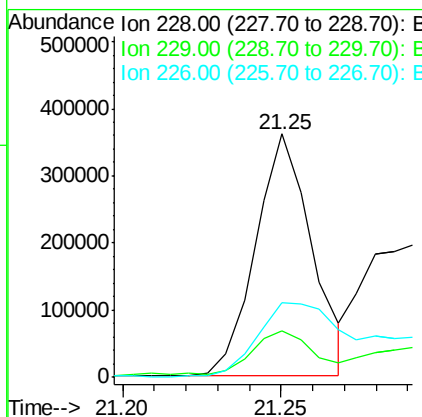
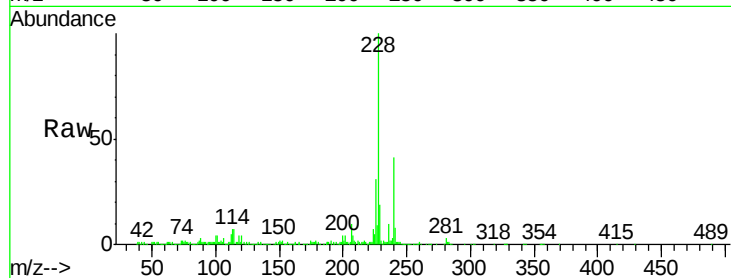
ClientSampled :

F9A53

Tot Ion:	228	Resp:	447200
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.4	23.0
226	30.9	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 9.060 ng/ul m

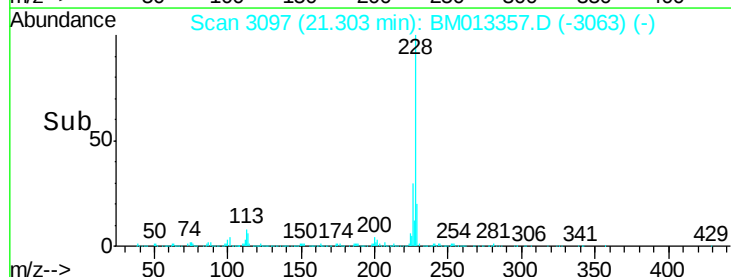
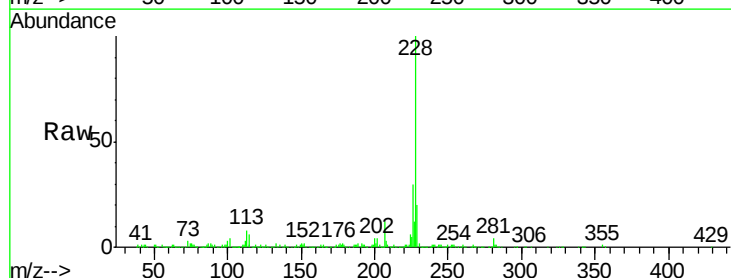
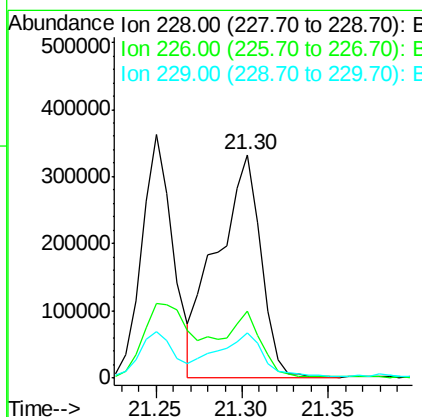
RT: 21.30 min Scan# 3097

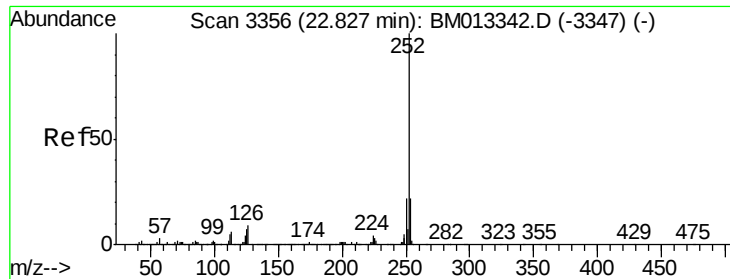
Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion:	228	Resp:	588110
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	20.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 19.789 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampled :

F9A53

Tot Ion:252 Resp: 1536059

Ion Ratio Lower Upper

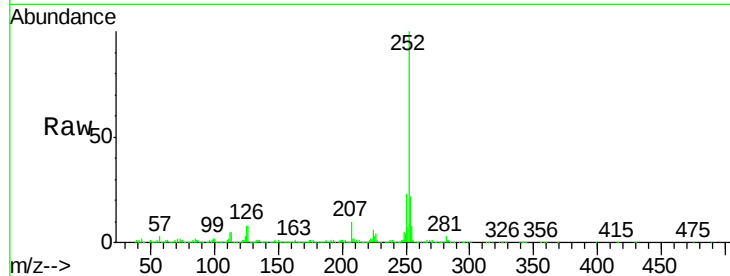
252 100

253 21.9 17.9 26.9

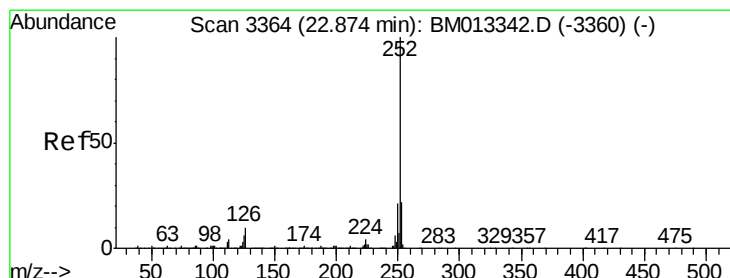
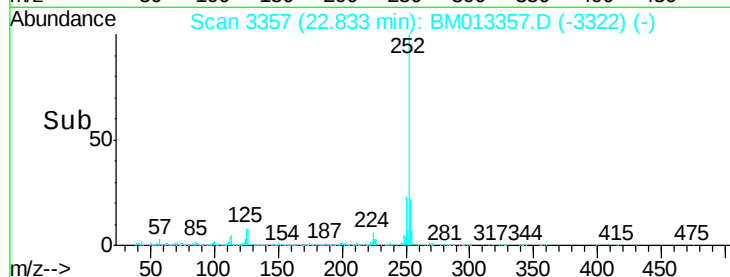
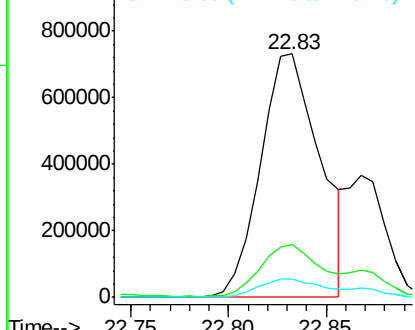
125 7.6 3.6 5.4#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 6.858 ng/ul m

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion:252 Resp: 500939

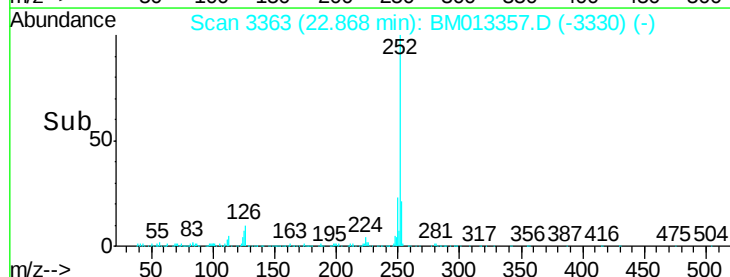
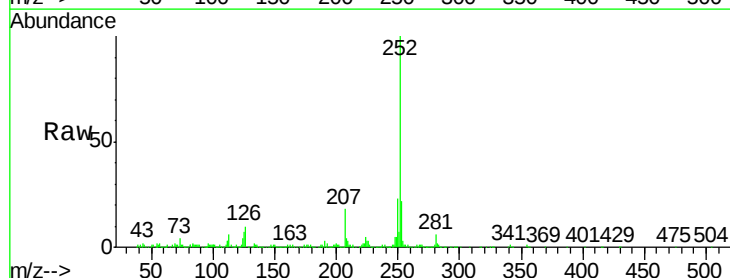
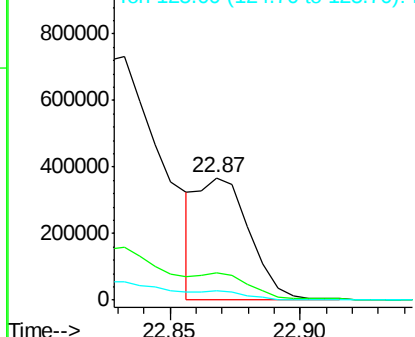
Ion Ratio Lower Upper

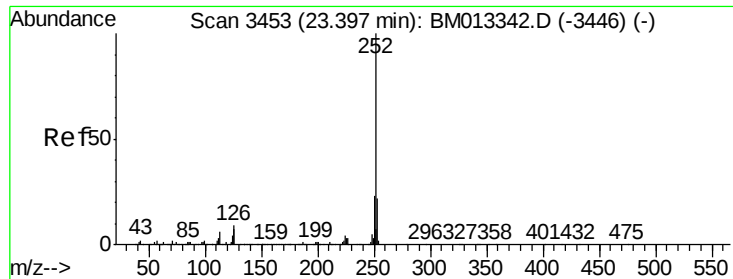
252 100

253 22.0 17.1 25.7

125 7.3 3.4 5.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 11.195 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

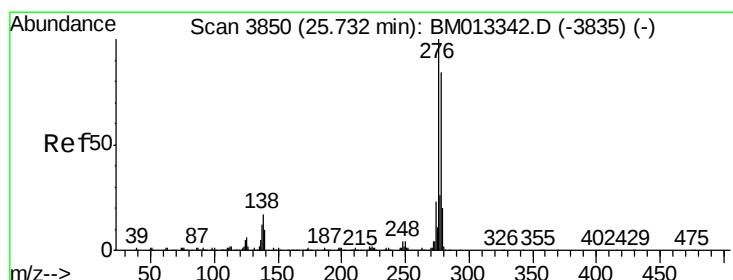
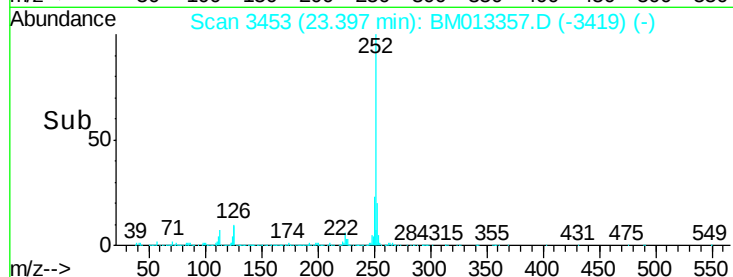
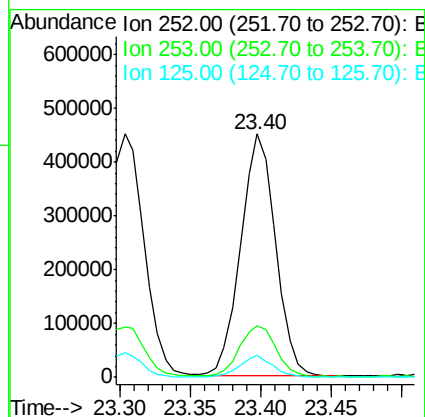
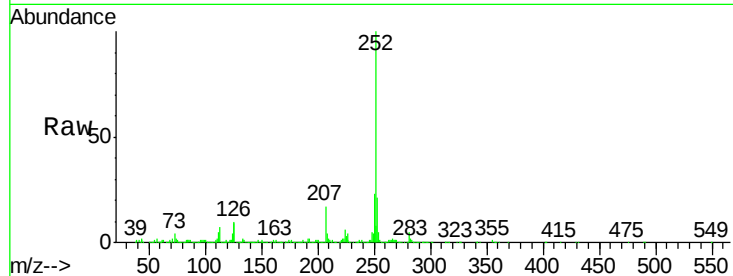
ClientSampleId :

F9A53

Tot Ion:	252	Resp:	780620
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	8.9	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 10.093 ng/ul

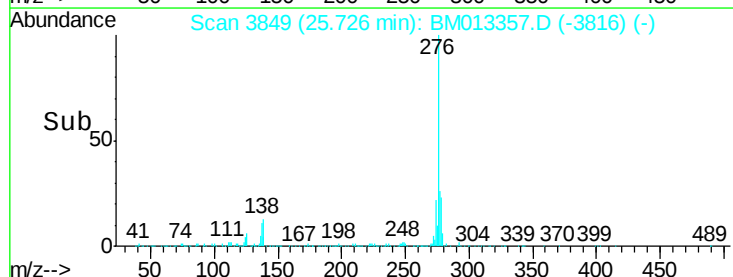
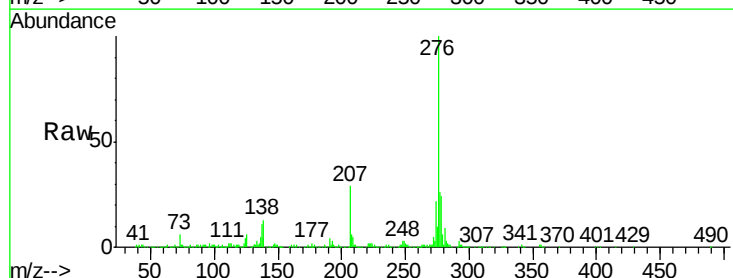
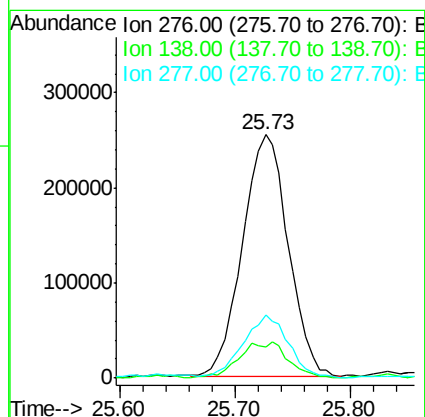
RT: 25.73 min Scan# 3849

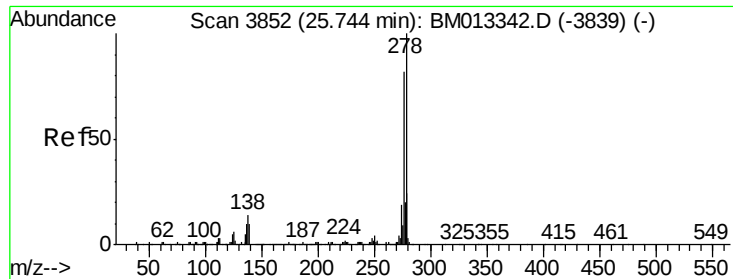
Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion:	276	Resp:	698273
Ion Ratio	Lower	Upper	
276	100		
138	12.8	9.3	13.9
277	25.9	19.9	29.9





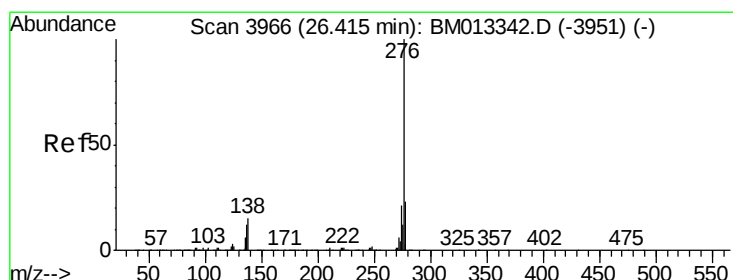
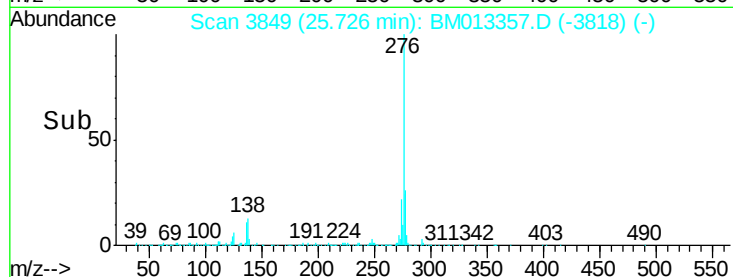
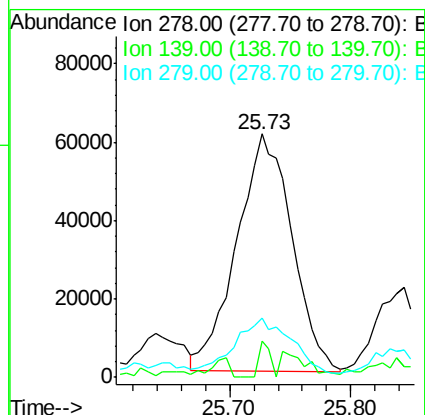
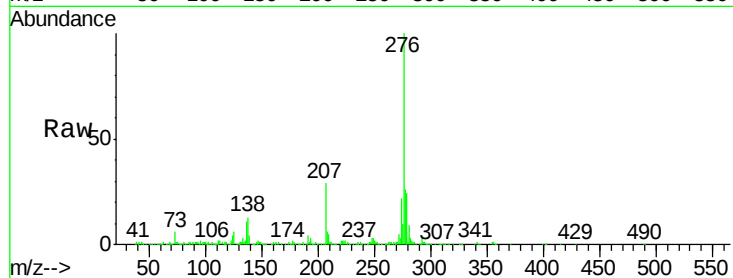
#90
Dibenzo(a,h)anthracene
Concen: 3.270 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BM013357.D
Acq: 13 Dec 2017 01:58

Instrument :
BNA_M
ClientSampleId :
F9A53

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	5.8	8.8#
279	24.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:57 PM



#91
Benzo(g,h,i)perylene
Concen: 10.245 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. -0.00 min
Lab File: BM013357.D
Acq: 13 Dec 2017 01:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	8.5	12.7#
277	25.4	18.6	28.0

