

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014458.D
 Acq On : 02 Mar 2018 12:55
 Operator : SJ/JU
 Sample : J1678-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T2RE

Manual Integrations
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Sohil
 3/5/2018 3:21:00 PM

Quant Time: Mar 08 16:37:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 14:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	120855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	554280	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	332007	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	718308	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	625531	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	506809	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	14538	5.15	ng/uL	0.00
5) Phenol-d5	6.73	99	362066	35.45	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	213751	34.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	293857	37.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	303119	33.91	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	150893	36.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	171930	40.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	300083	34.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	349597	40.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1028320	37.51	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1288545	38.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	124391	32.86	ng/ul	0.04
57) Fluorene-d10	15.18	176	841234	34.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	55600	12.90	ng/ul	0.02
70) Anthracene-d10	17.04	188	1266017	36.53	ng/ul	0.00
76) Pyrene-d10	19.36	212	1330681	41.24	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	881478	35.74	ng/ul	0.02
Target Compounds				Ovalue		
6) Phenol	6.75	94	21561	2.012	ng/ul	92
44) Dimethylphthalate	13.65	163	257512	9.525	ng/ul	98
49) Acenaphthene	14.24	153	68575	3.048	ng/ul	97
58) Fluorene	15.24	166	61407	2.108	ng/ul	96
69) Phenanthrene	16.99	178	838555	20.262	ng/ul	97
71) Anthracene	17.07	178	194858m	4.682	ng/ul	
72) Carbazole	17.36	167	94680	2.705	ng/ul	97
74) Fluoranthene	19.02	202	1226312	24.801	ng/ul#	95
77) Pvrene	19.38	202	1025719	24.674	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	507590	13.002	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	310987	12.633	ng/ul#	94
82) Chrysene	21.20	228	460867	12.655	ng/ul	96
85) Benzo(b)fluoranthene	22.70	252	495331	14.596	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	170053m	5.271	ng/ul	
88) Benzo(a)pyrene	23.25	252	325709	10.741	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	194985	6.626	ng/ul	98
90) Dibenzo(a,h)anthracene	25.51	278	55889m	2.286	ng/ul	
91) Benzo(g,h,i)perylene	26.18	276	155323	6.516	ng/ul#	94

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

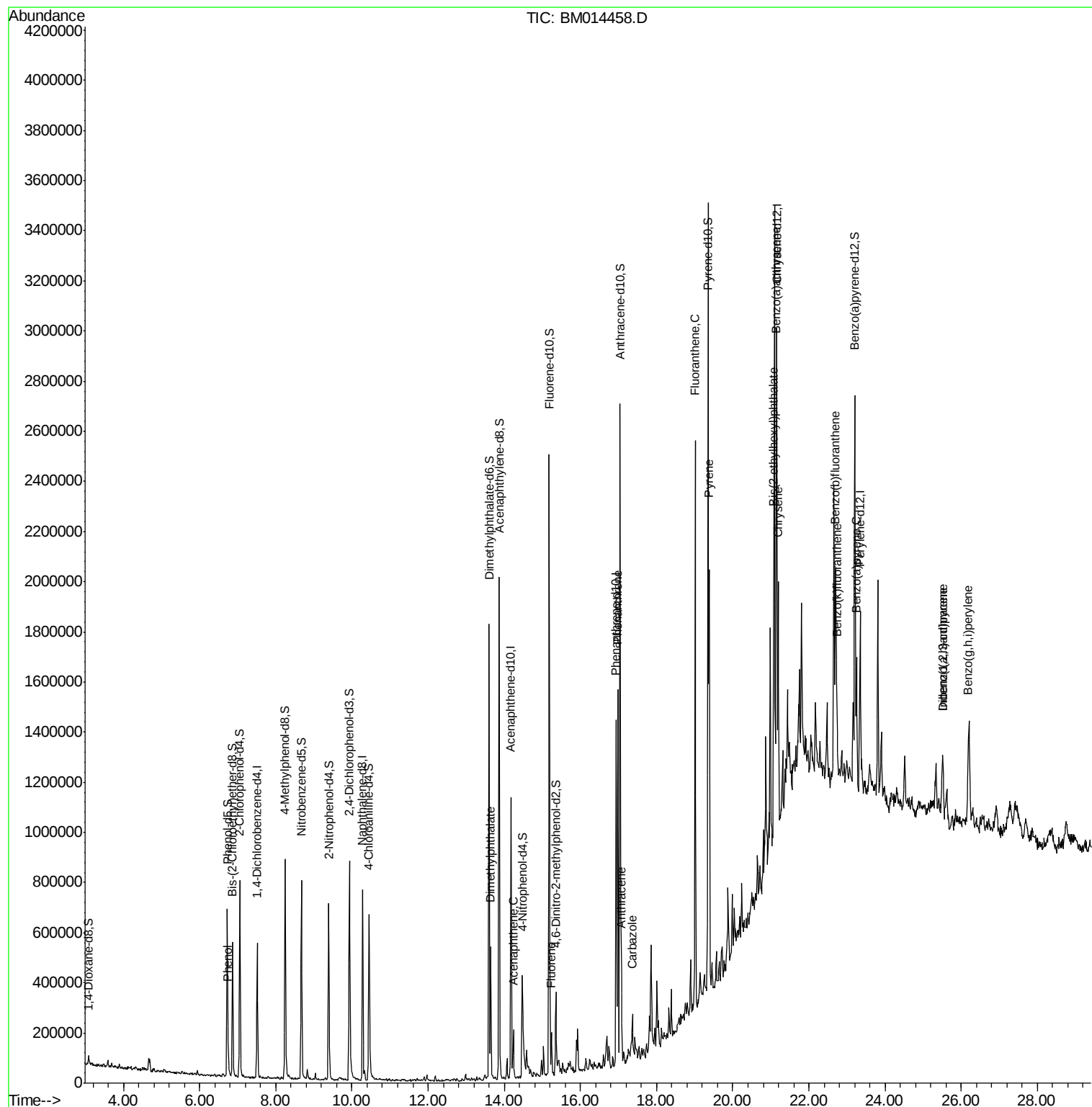
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014458.D
Acq On : 02 Mar 2018 12:55
Operator : SJ/JU
Sample : J1678-03RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

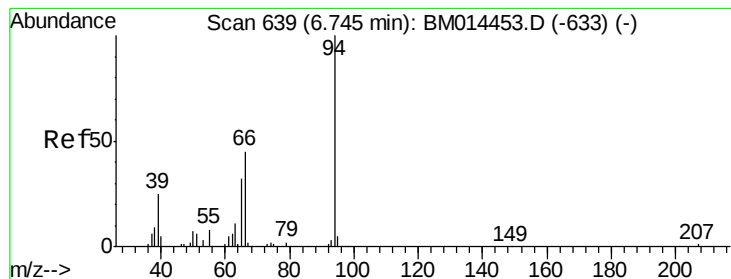
Instrument :
BNA_M
ClientSampleId :
BE5T2RE

Quant Time: Mar 08 16:37:14 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 2.012 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Instrument :

BNA_M

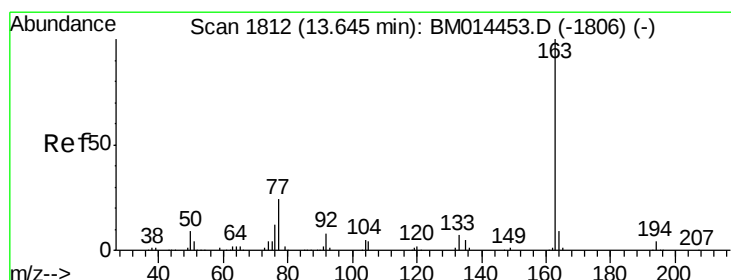
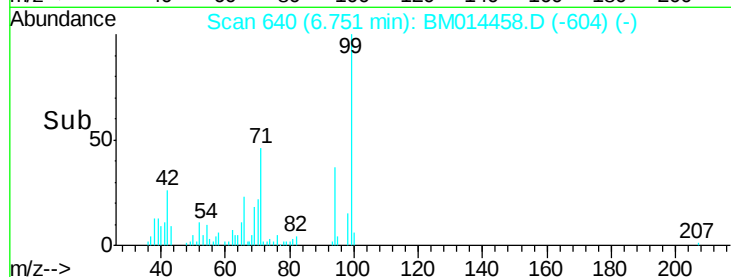
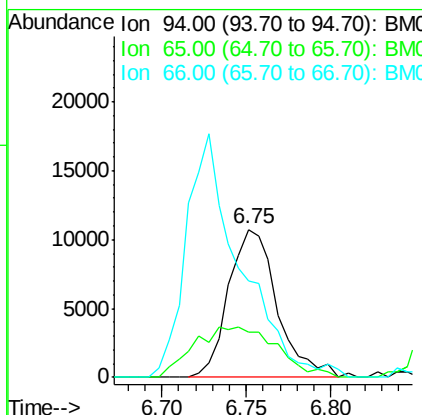
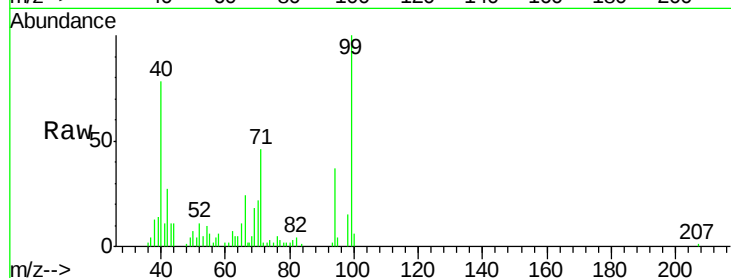
ClientSampleId :

BE5T2RE

Tot Ion:	94	Resp:	21561
Ion Ratio	Lower	Upper	
94	100		
65	30.6	28.2	42.4
66	65.4	47.2	70.8

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#44

Dimethylphthalate

Concen: 9.525 ng/ul

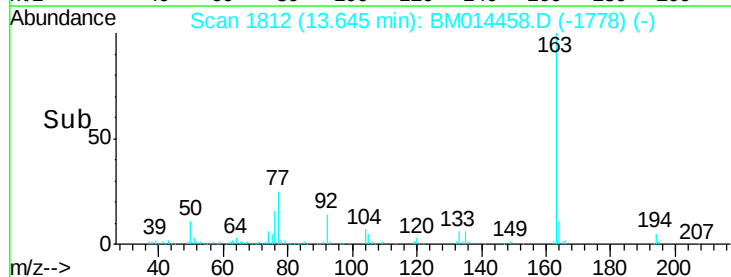
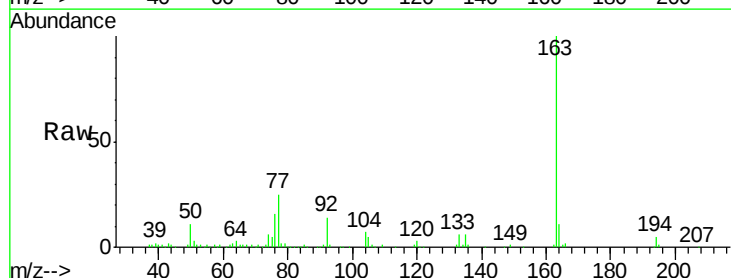
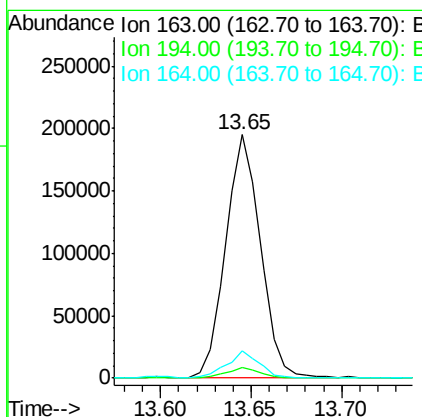
RT: 13.65 min Scan# 1812

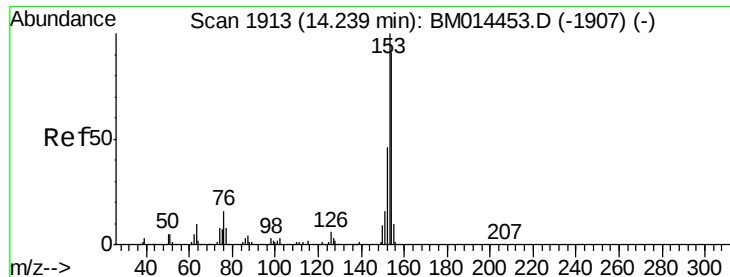
Delta R.T. 0.00 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Tgt Ion:	163	Resp:	257512
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	11.2	8.2	12.4





#49

Acenaphthene

Concen: 3.048 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Instrument :

BNA_M

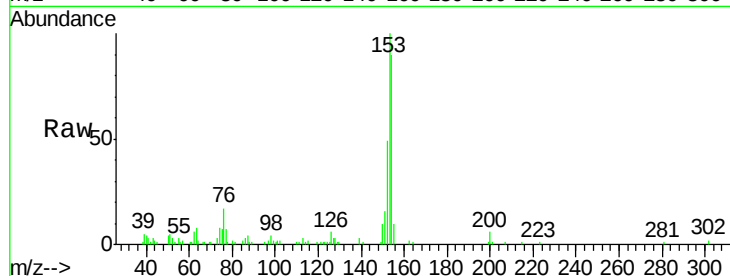
ClientSampleId :

BE5T2RE

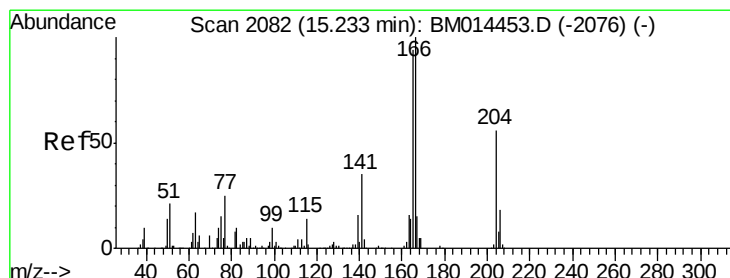
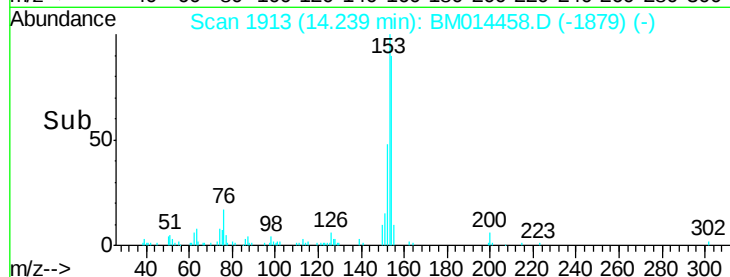
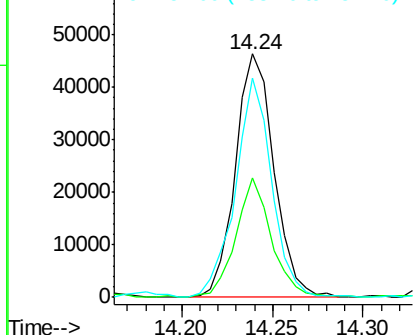
Tot Ion:	153	Resp:	68575
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.6	56.4
154	90.3	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.108 ng/ul

RT: 15.24 min Scan# 2083

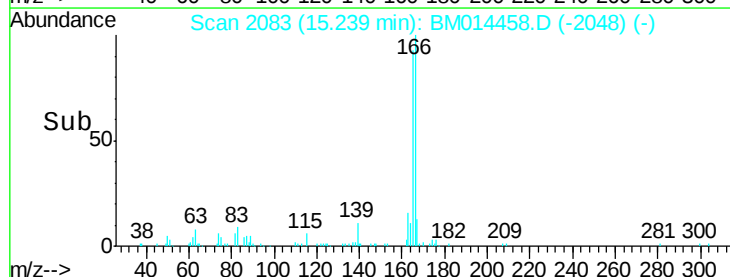
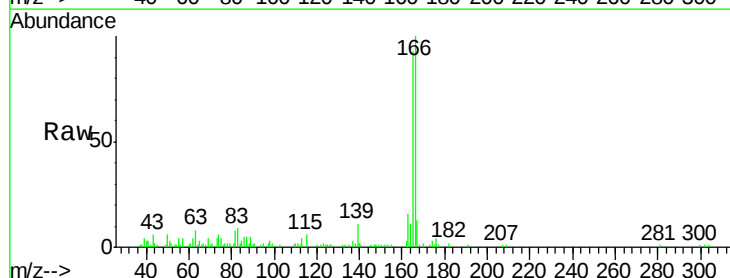
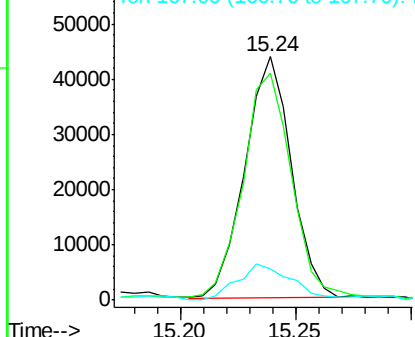
Delta R.T. 0.01 min

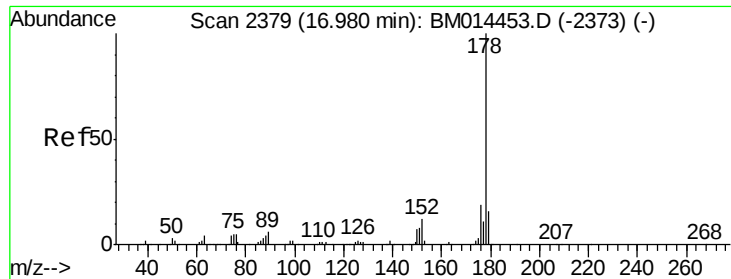
Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Tgt Ion:	166	Resp:	61407
Ion Ratio	Lower	Upper	
166	100		
165	93.4	77.9	116.9
167	12.8	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





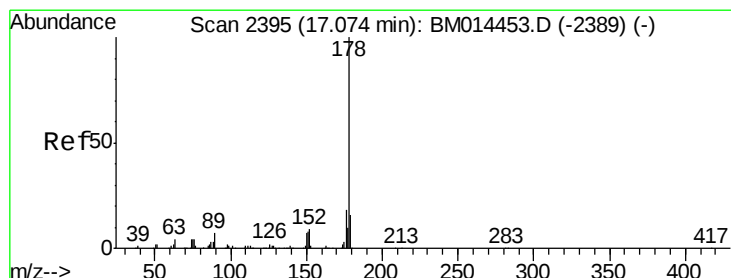
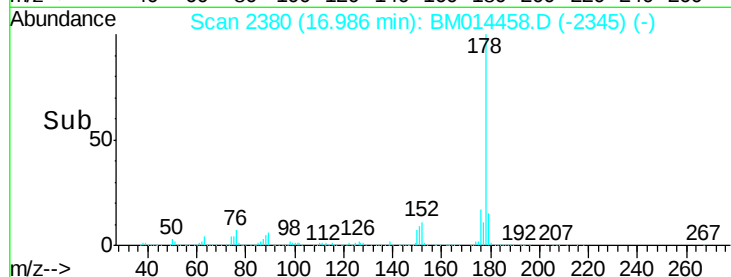
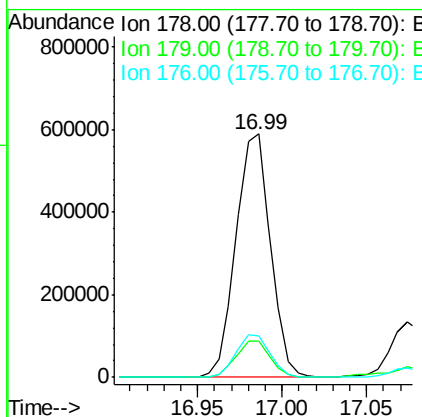
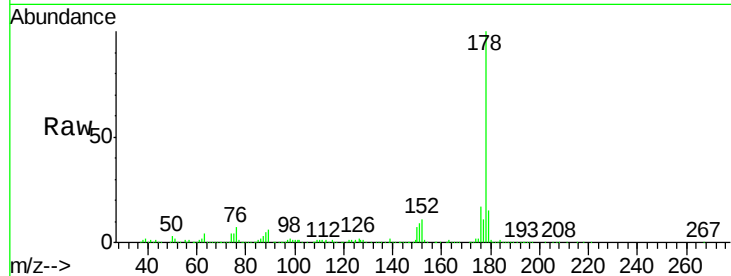
#69
Phenanthrene
Concen: 20.262 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Instrument :
BNA_M
ClientSampleId :
BE5T2RE

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	17.0	14.9	22.3

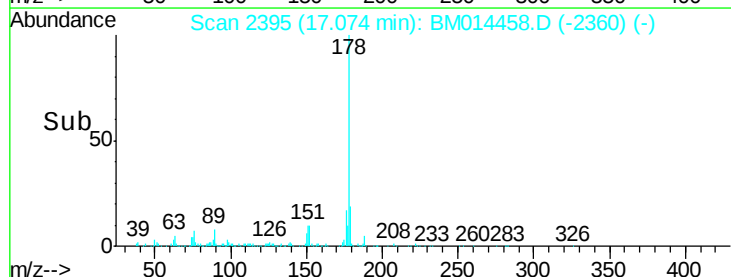
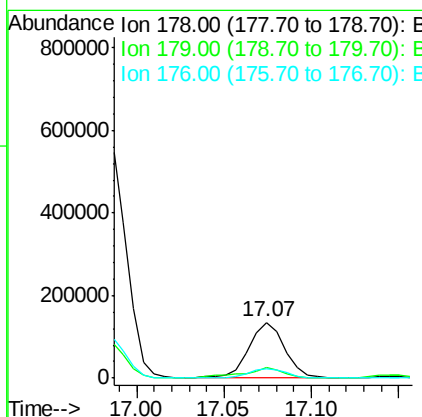
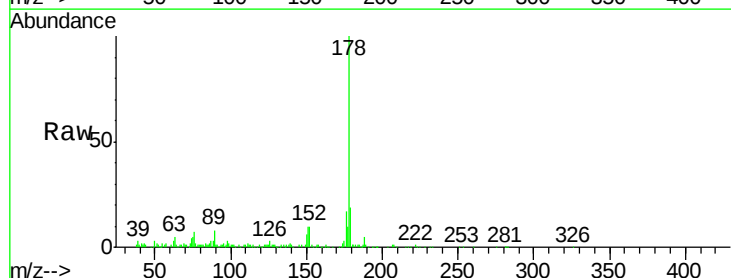
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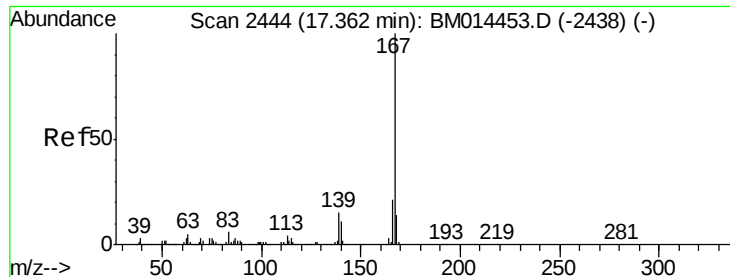
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#71
Anthracene
Concen: 4.682 ng/ul m
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.3	11.7	17.5#
176	16.8	14.6	21.8





#72

Carbazole

Concen: 2.705 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Instrument :

BNA_M

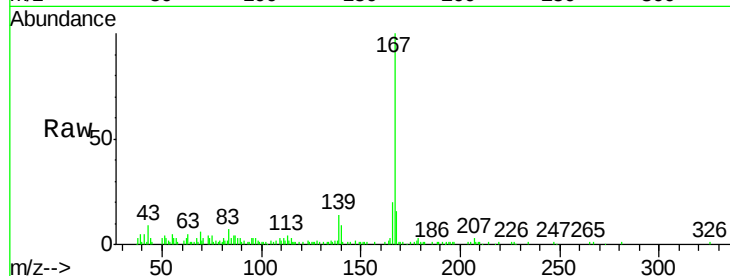
ClientSampleId :

BE5T2RE

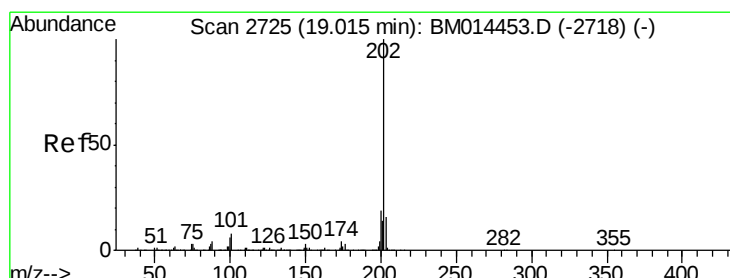
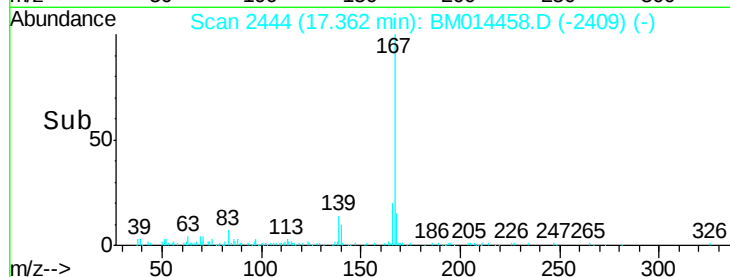
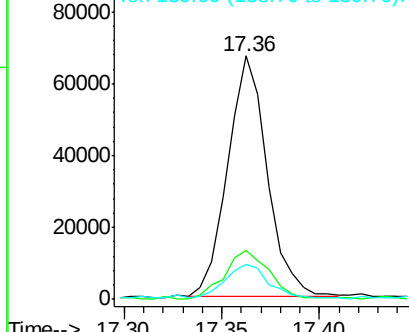
Tot Ion:	167	Resp:	94680
Ion Ratio	Lower	Upper	
167	100		
166	20.3	17.1	25.7
139	14.4	10.0	15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 24.801 ng/ul

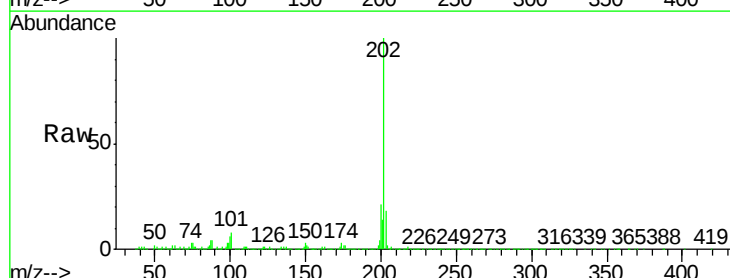
RT: 19.02 min Scan# 2725

Delta R.T. 0.01 min

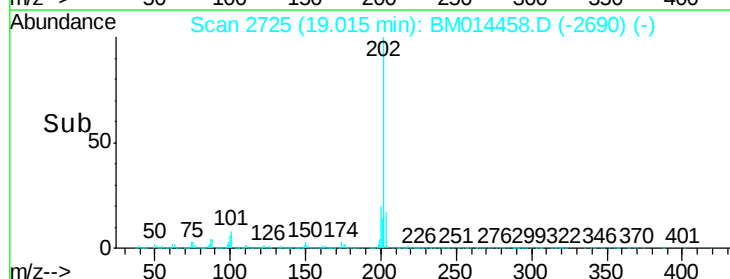
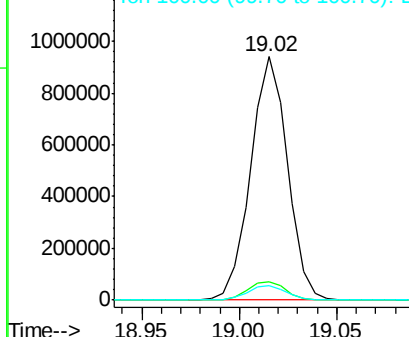
Lab File: BM014458.D

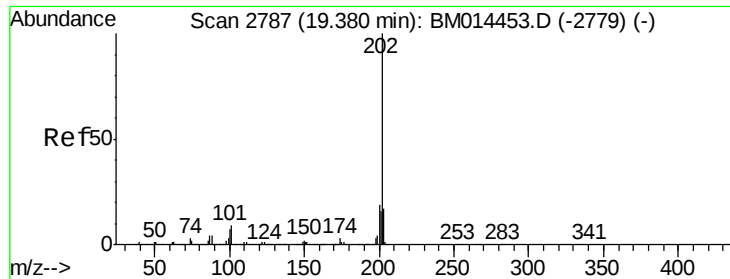
Acq: 02 Mar 2018 12:55

Tgt Ion:	202	Resp:	1226312
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.6	7.0#
100	5.8	3.4	5.2#



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

Pvrene

Concen: 24.674 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Instrument :

BNA_M

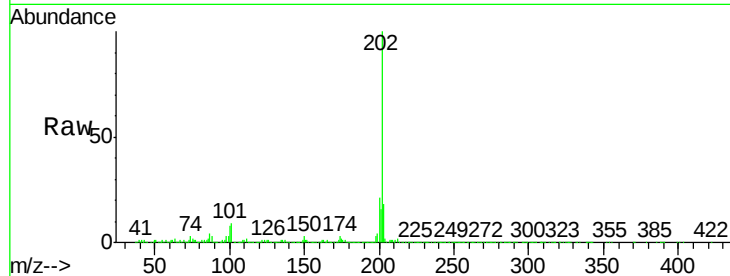
ClientSampleId :

BE5T2RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.3	5.1	7.7#		
100	8.0	4.9	7.3#		

Manual Integrations
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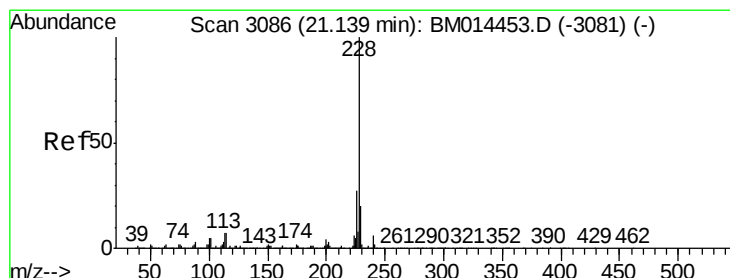
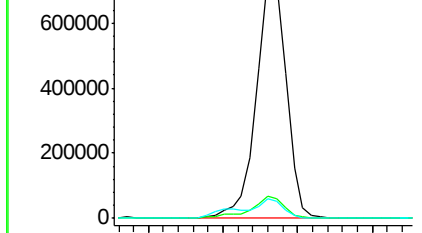
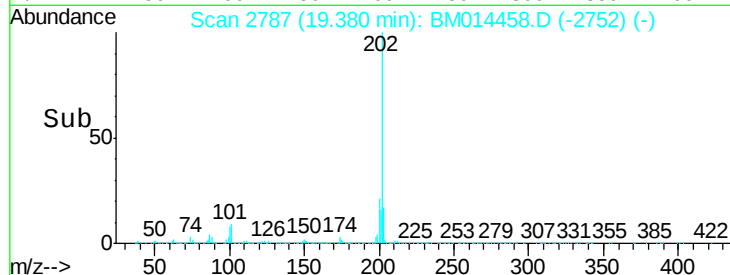


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 13.002 ng/ul

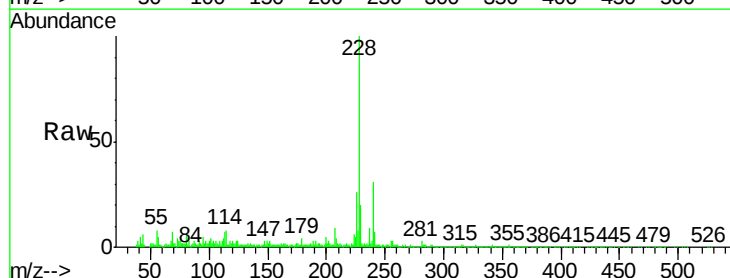
RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	20.2	15.4	23.0		
226	25.9	21.4	32.0		

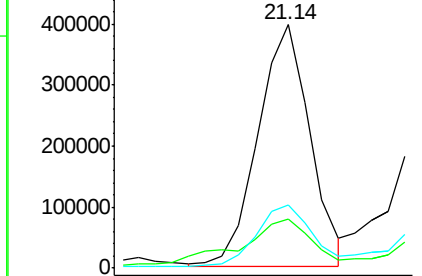
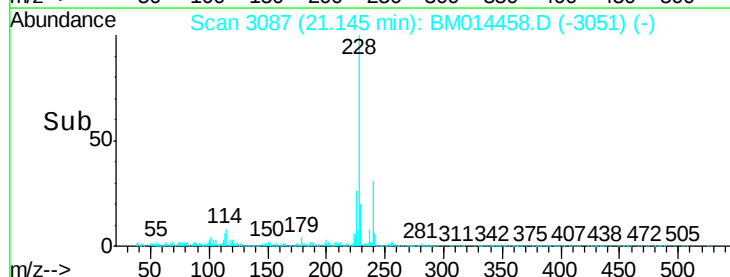


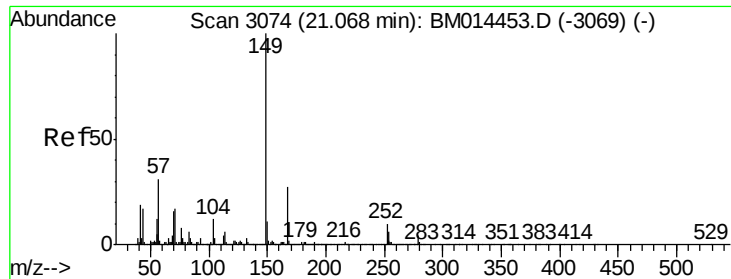
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





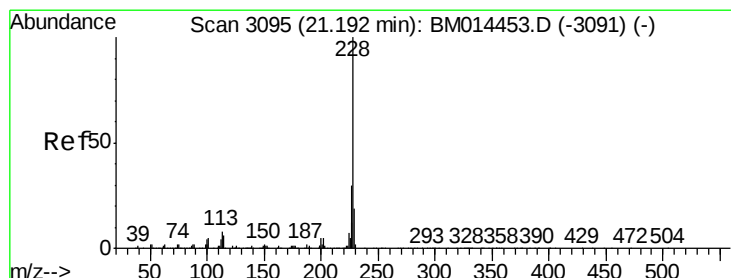
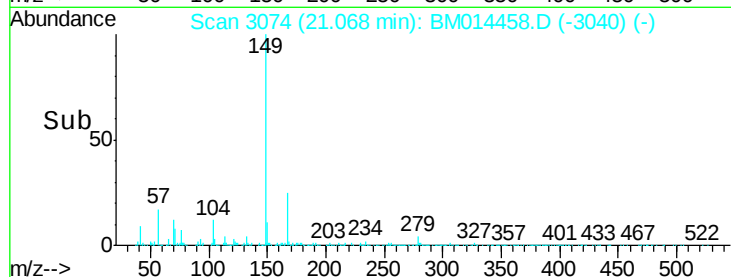
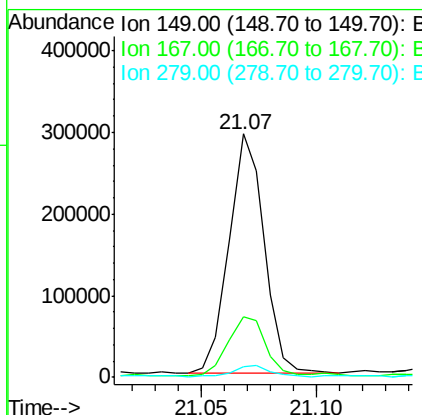
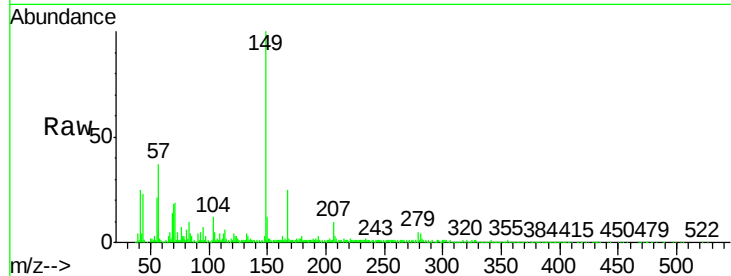
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 12.633 ng/ul
 RT: 21.07 min Scan# 3074
 Delta R.T. 0.00 min
 Lab File: BM014458.D
 Acq: 02 Mar 2018 12:55

Instrument :
 BNA_M
 ClientSampleId :
 BE5T2RE

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.8	34.2
279	4.5	4.9	7.3

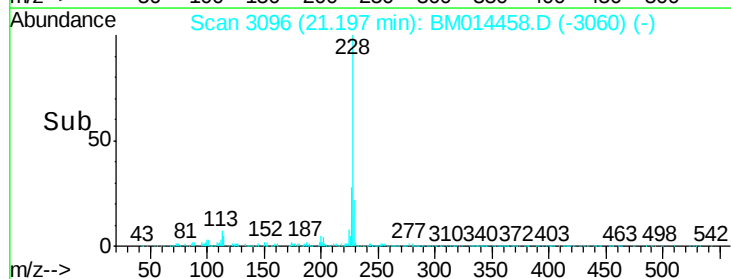
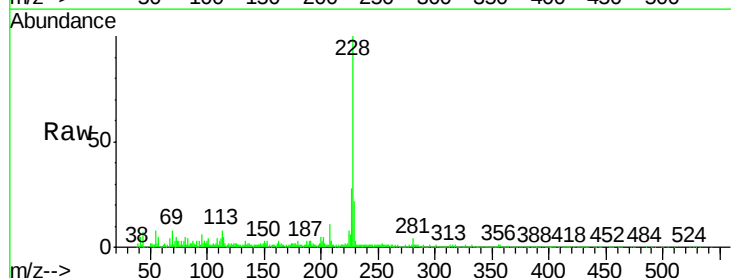
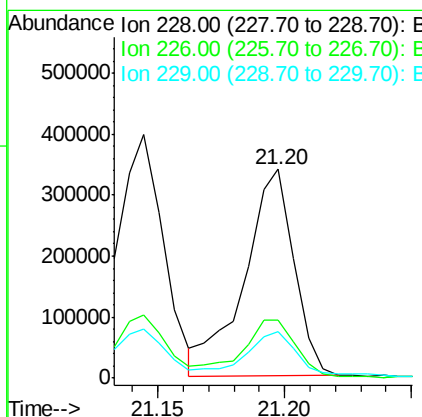
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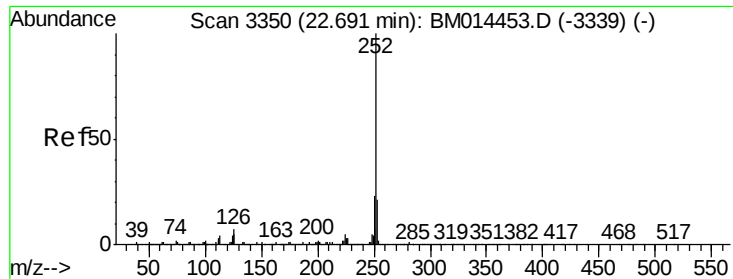
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#82
 Chrysene
 Concen: 12.655 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.01 min
 Lab File: BM014458.D
 Acq: 02 Mar 2018 12:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	22.5	15.5	23.3





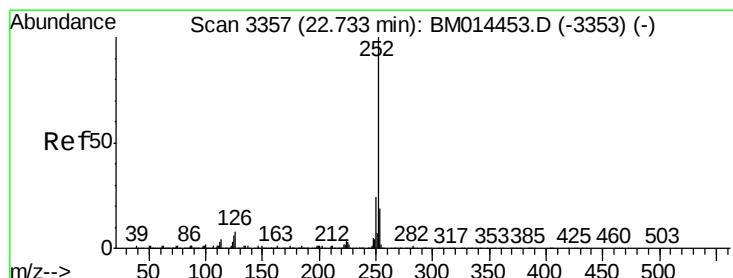
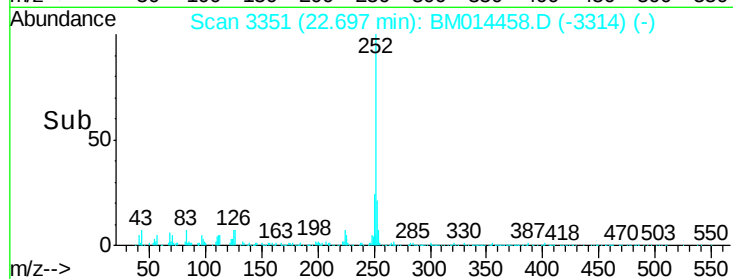
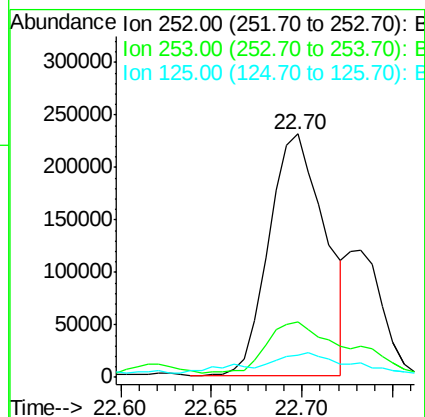
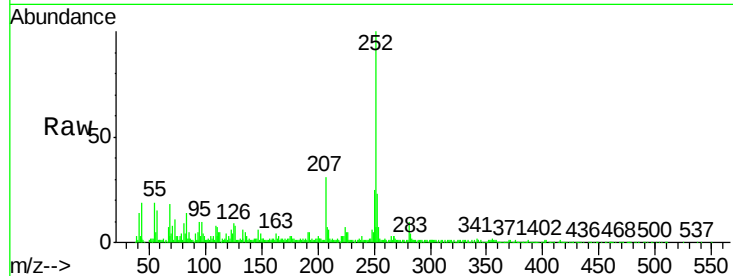
#85
Benzo(b)fluoranthene
Concen: 14.596 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Instrument :
BNA_M
ClientSampleId :
BE5T2RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.1	3.6	5.4

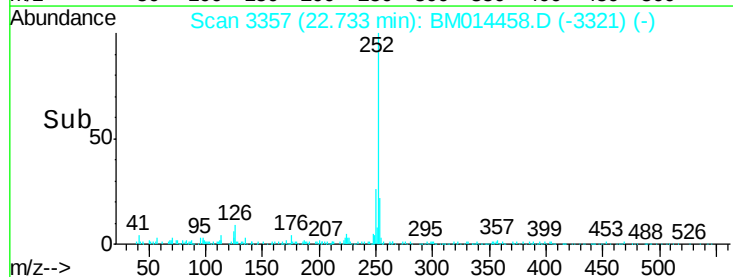
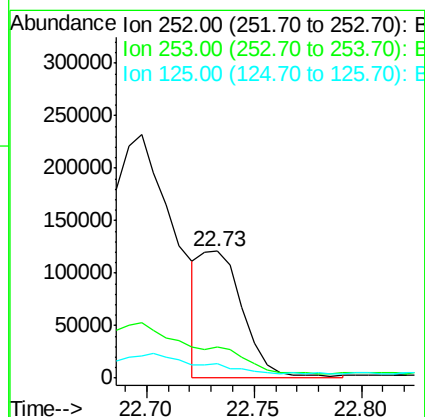
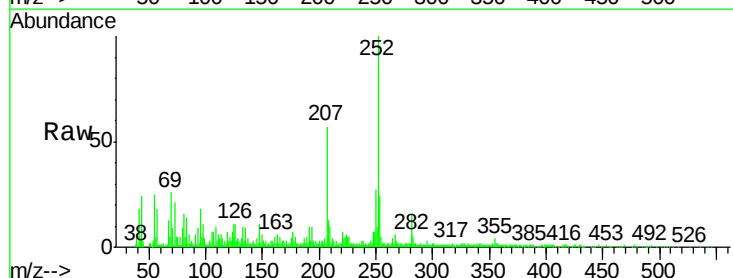
Manual Integrations
APPROVED

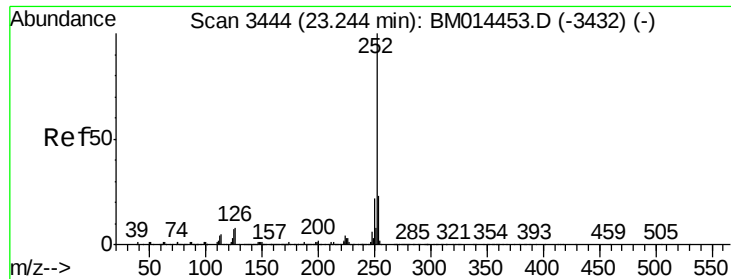
Sohil
3/5/2018 3:21:00 PM



#86
Benzo(k)fluoranthene
Concen: 5.271 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.1	3.4	5.2





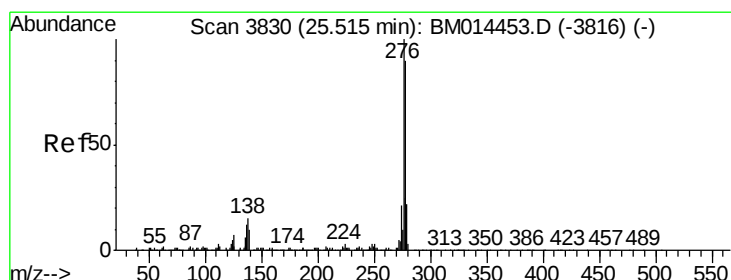
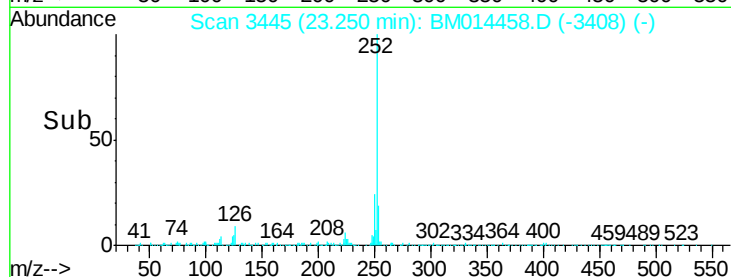
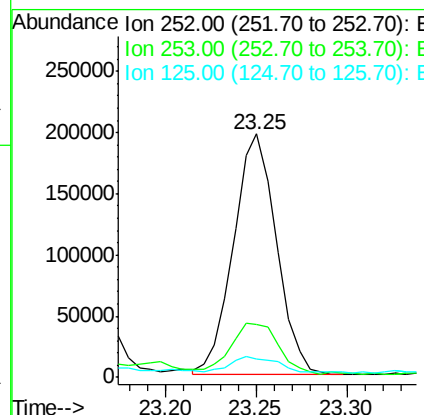
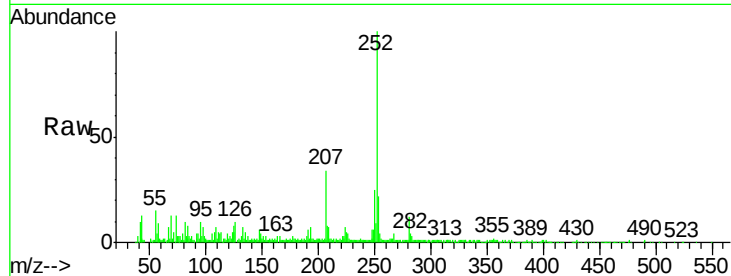
#88
Benzo(a)pyrene
Concen: 10.741 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Instrument :
BNA_M
ClientSampleId :
BE5T2RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.6	4.0	6.0

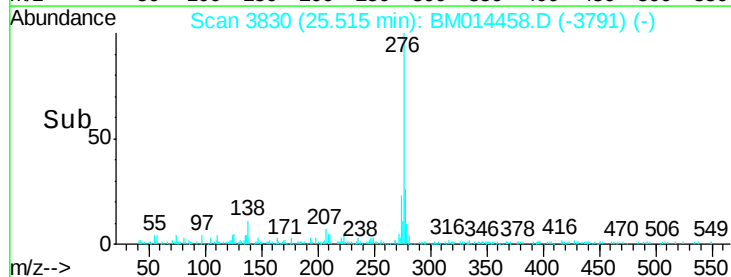
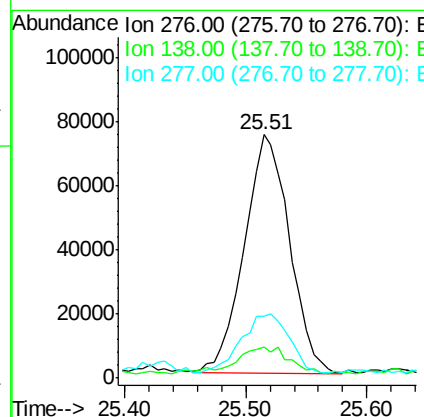
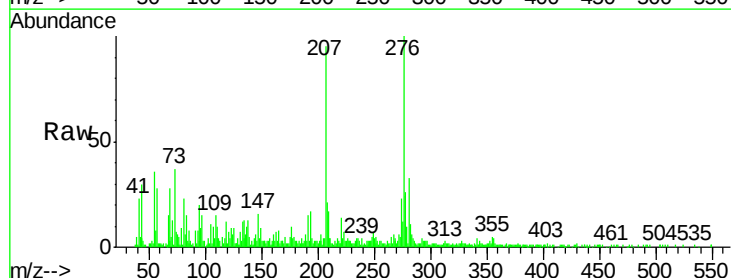
Manual Integrations
APPROVED

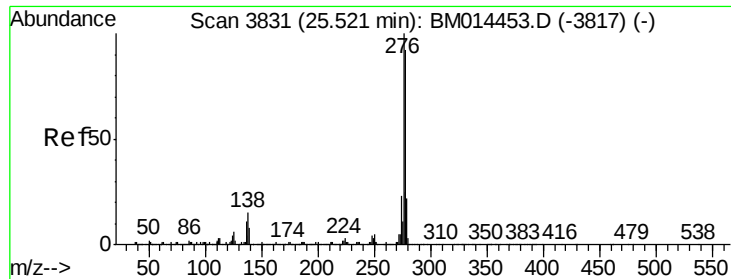
Sohil
3/5/2018 3:21:00 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 6.626 ng/ul
RT: 25.51 min Scan# 3830
Delta R.T. 0.03 min
Lab File: BM014458.D
Acq: 02 Mar 2018 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.3	13.9
277	25.7	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 2.286 ng/ul m

RT: 25.51 min Scan# 3829

Delta R.T. 0.02 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Instrument :

BNA_M

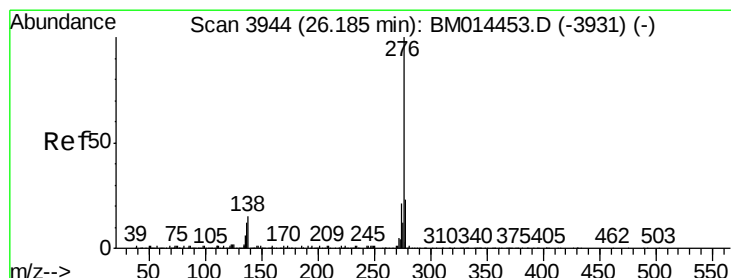
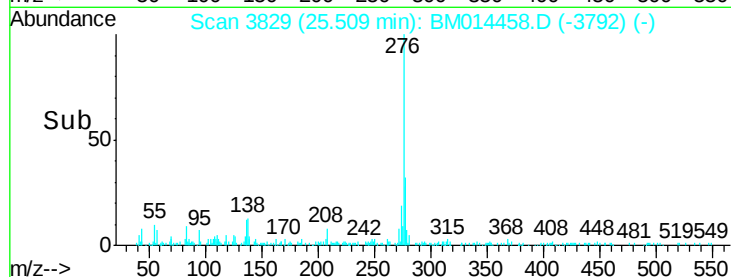
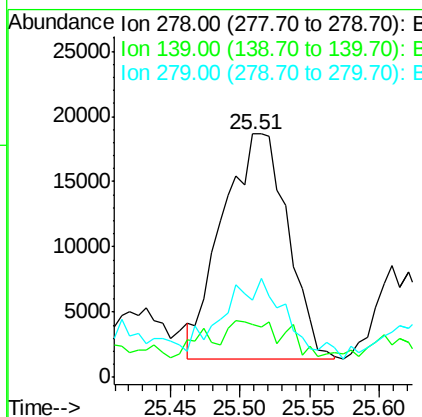
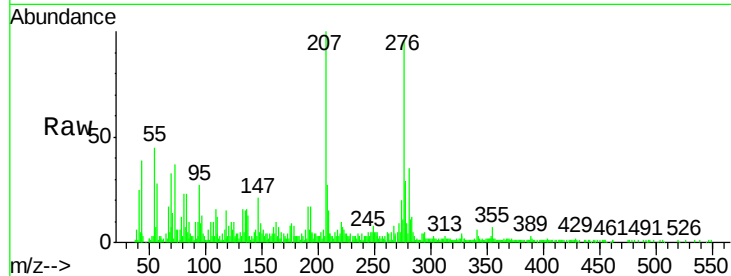
ClientSampleId :

BE5T2RE

Tot Ion:	278	Resp:	55889
Ion Ratio	Lower	Upper	
278	100		
139	11.7	5.8	8.8#
279	31.6	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/5/2018 3:21:00 PM



#91

Benzo(g,h,i)perylene

Concen: 6.516 ng/ul

RT: 26.18 min Scan# 3943

Delta R.T. 0.03 min

Lab File: BM014458.D

Acq: 02 Mar 2018 12:55

Tgt Ion:	276	Resp:	155323
Ion Ratio	Lower	Upper	
276	100		
138	14.8	8.5	12.7#
277	25.3	18.6	28.0

