

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013872.D
 Acq On : 27 Jan 2018 07:57
 Operator : SJ/JU
 Sample : J1222-13DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6A95DL

Manual Integrations
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 1/29/2018 7:21:22 PM

Quant Time: Jan 27 22:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	132186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	515275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	303401	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	693765	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	755400	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	770647	20.00	ng/ul	0.00

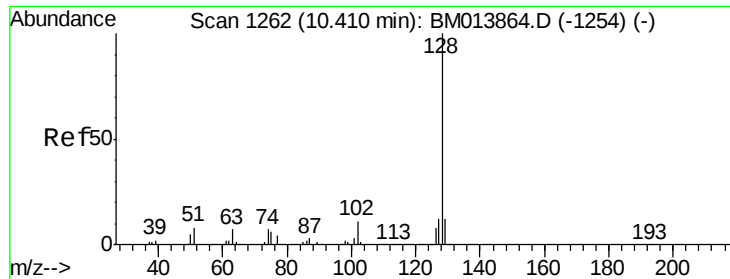
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1134	0.34	ng/uL	0.00
5) Phenol-d5	6.79	99	17661m	1.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	12085	1.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	15292	1.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	12869	1.65	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	9386m	2.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	8660m	2.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	12895	1.58	ng/ul	0.04
29) 4-Chloroaniline-d4	10.55	131	3078m	0.43	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	58001	2.32	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	73199	2.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	659	0.16	ng/ul	0.00
57) Fluorene-d10	15.24	176	55220	2.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	6272m	1.50	ng/ul	0.02
70) Anthracene-d10	17.09	188	84878	2.51	ng/ul	0.00
76) Pyrene-d10	19.39	212	95736	2.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	86841	2.45	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.41	128	40623	1.585	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	46837	2.451	ng/ul	89
49) Acenaphthene	14.30	153	224374	11.104	ng/ul	94
53) Dibenzofuran	14.64	168	189637	6.239	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	114333	17.952	ng/ul#	89
58) Fluorene	15.29	166	160632	6.451	ng/ul#	96
68) Pentachlorophenol	16.66	266	2332334	497.620	ng/ul	97
69) Phenanthrene	17.03	178	999880	25.928	ng/ul	98
71) Anthracene	17.13	178	231085m	5.810	ng/ul	
72) Carbazole	17.40	167	51290	1.562	ng/ul#	91
74) Fluoranthene	19.06	202	1409380	30.617	ng/ul#	97
77) Pyrene	19.42	202	1065752	23.207	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	195957	4.293	ng/ul	98
82) Chrysene	21.21	228	328612m	7.848	ng/ul	
85) Benzo(b)fluoranthene	22.73	252	600132	12.680	ng/ul#	96
86) Benzo(k)fluoranthene	22.77	252	118190m	2.584	ng/ul	
88) Benzo(a)pyrene	23.29	252	207153	4.633	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.57	276	136143	2.580	ng/ul#	91
91) Benzo(g,h,i)perylene	26.24	276	122328	2.816	ng/ul#	89

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



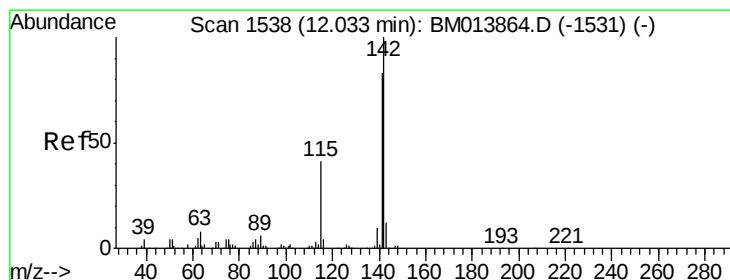
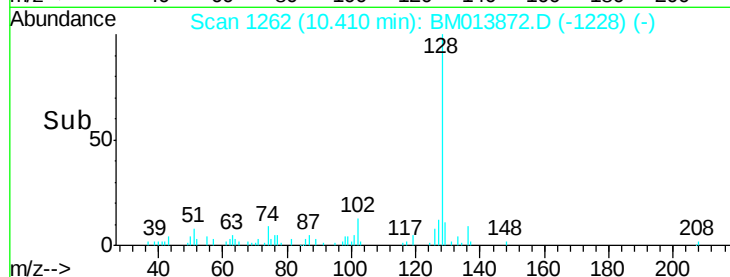
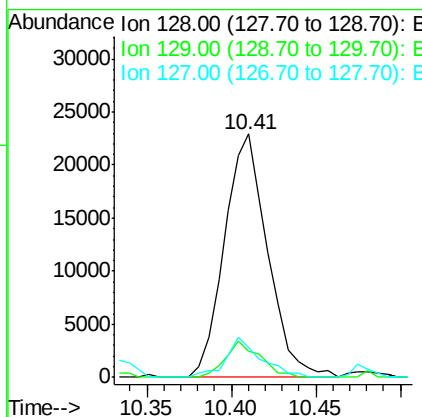
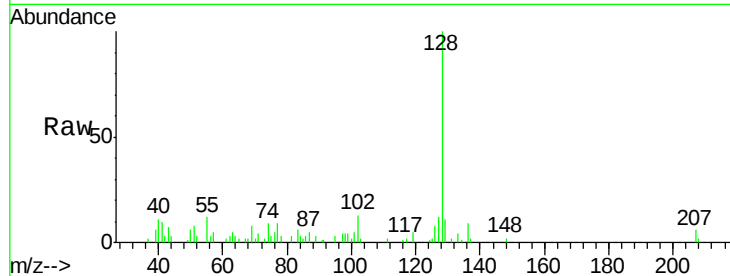
#28
Naphthalene
Concen: 1.585 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM013872.D
Acq: 27 Jan 2018 07:57

Instrument :
BNA_M
ClientSampleId :
F6A95DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.4	10.6	16.0

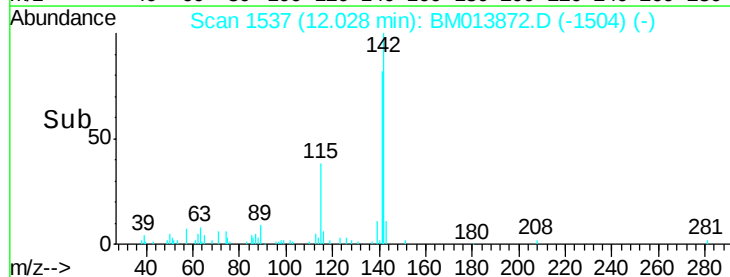
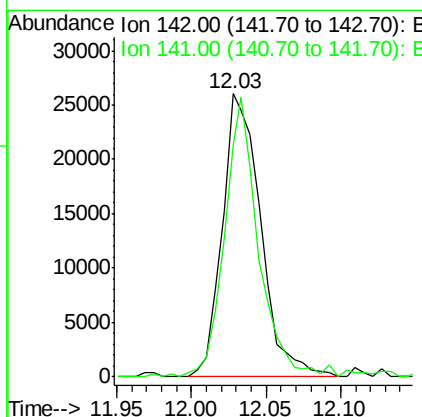
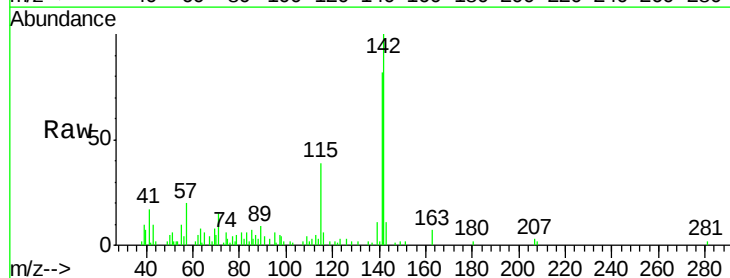
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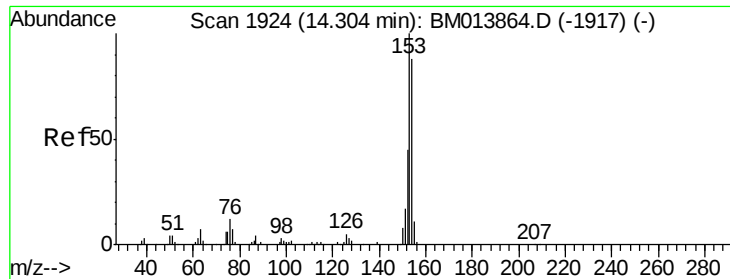
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#34
2-Methylnaphthalene
Concen: 2.451 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM013872.D
Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.1	74.1	111.1





#49

Acenaphthene

Concen: 11.104 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Instrument :

BNA_M

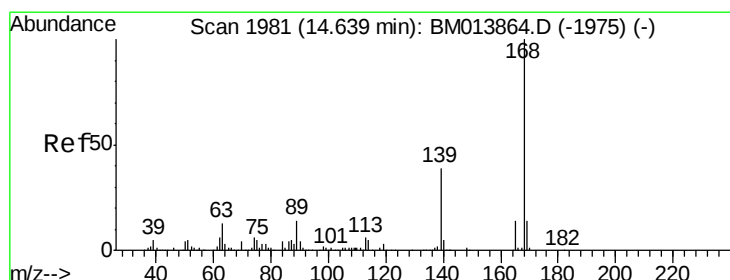
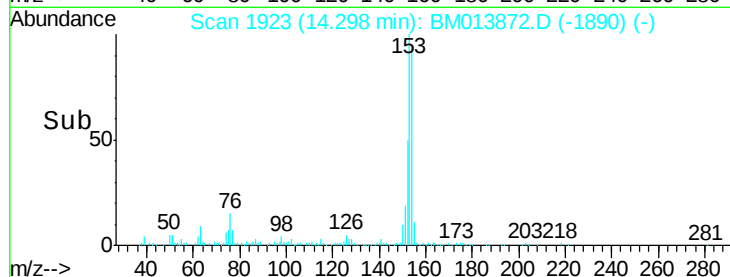
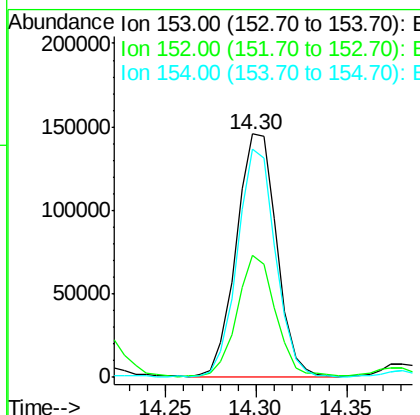
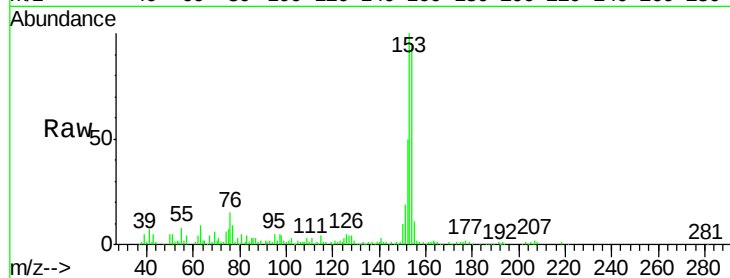
ClientSampleId :

F6A95DL

Tgt Ion:	153	Resp:	224374
Ion Ratio		Lower	Upper
153	100		
152	50.3	37.6	56.4
154	93.7	70.4	105.6

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#53

Dibenzofuran

Concen: 6.239 ng/ul

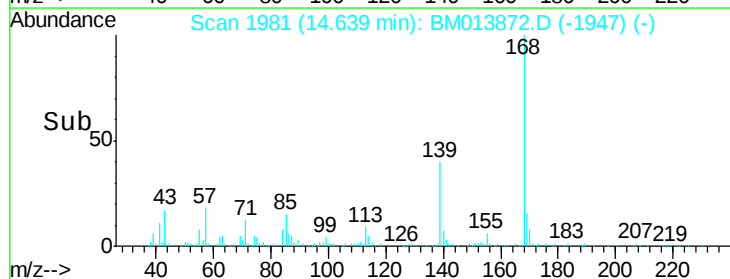
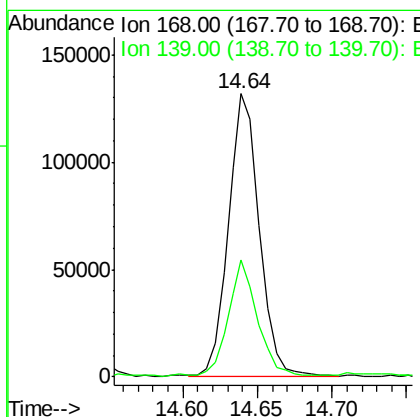
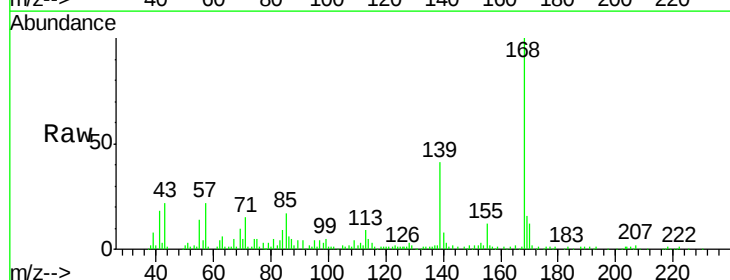
RT: 14.64 min Scan# 1981

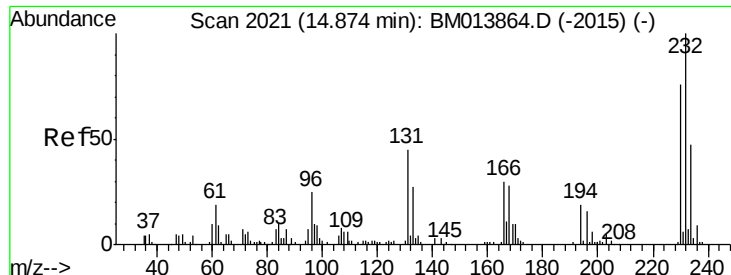
Delta R.T. 0.00 min

Lab File: BM013872.D

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Tgt Ion:	168	Resp:	189637
Ion Ratio		Lower	Upper
168	100		
139	41.2	30.8	46.2





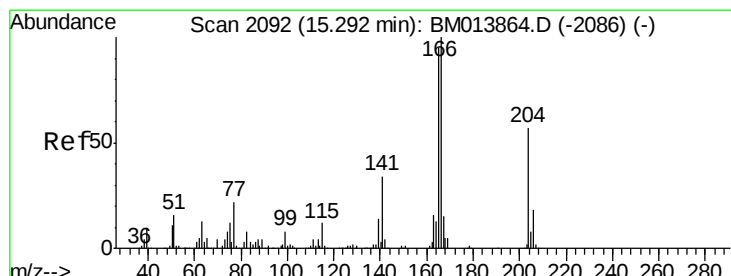
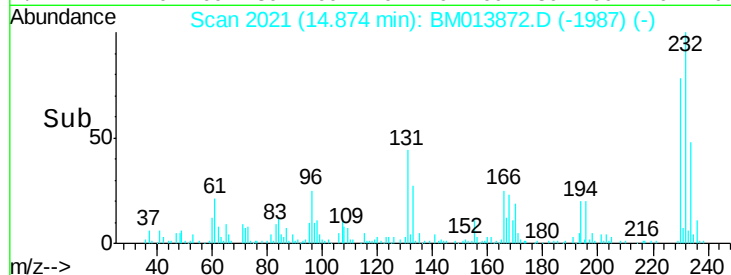
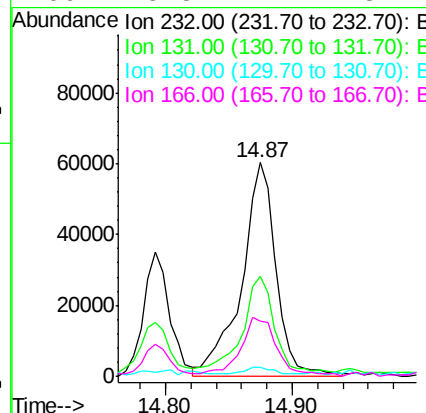
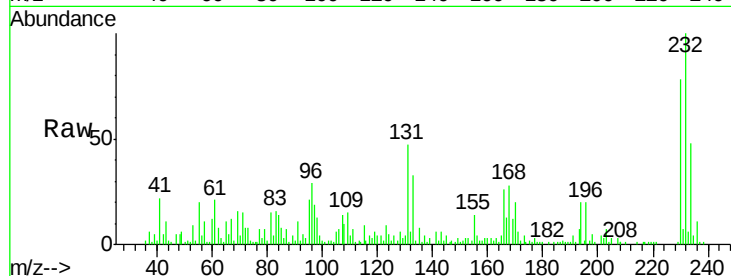
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 17.952 ng/ul
 RT: 14.87 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Instrument :
 BNA_M
 ClientSampleID :
 F6A95DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	46.9	29.0	43.4#
130	4.3	2.0	3.0#
166	25.8	21.4	32.2

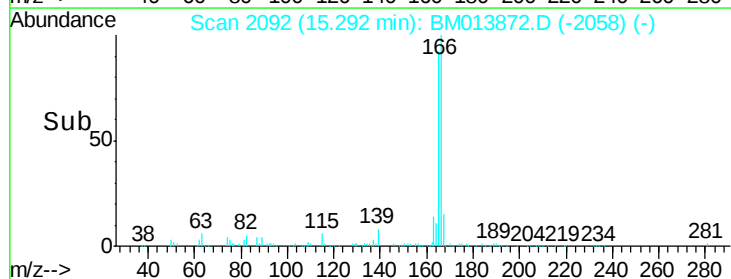
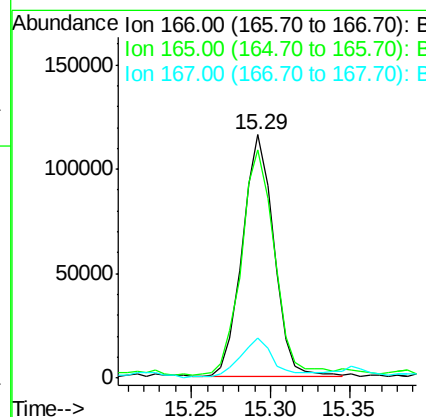
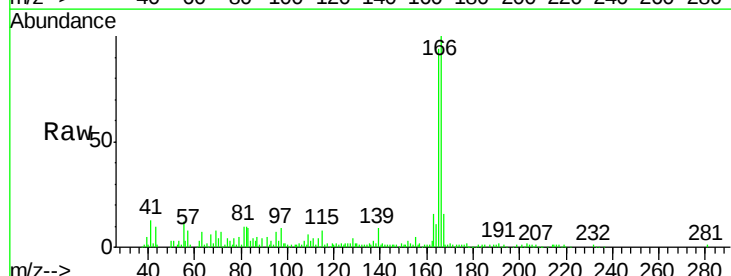
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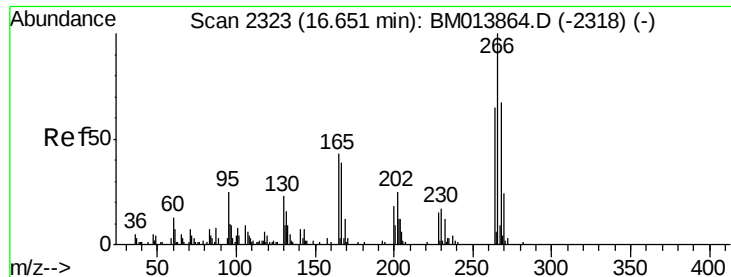
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#58
 Fluorene
 Concen: 6.451 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	93.9	77.9	116.9
167	16.3	10.6	16.0#





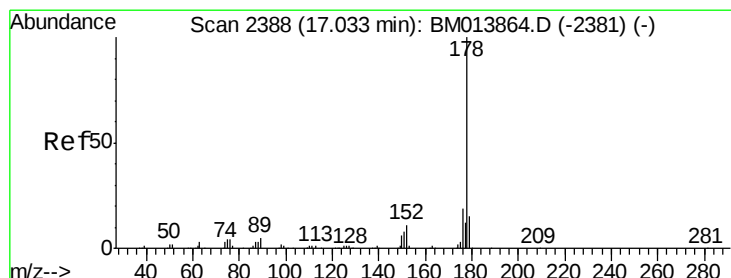
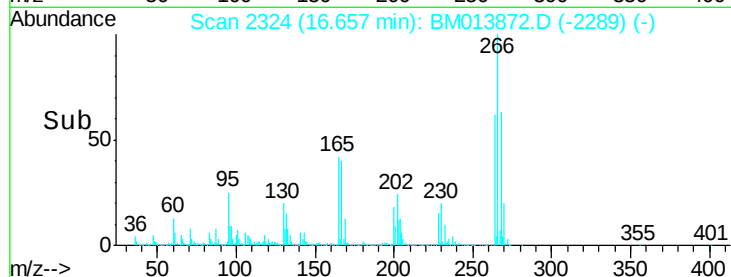
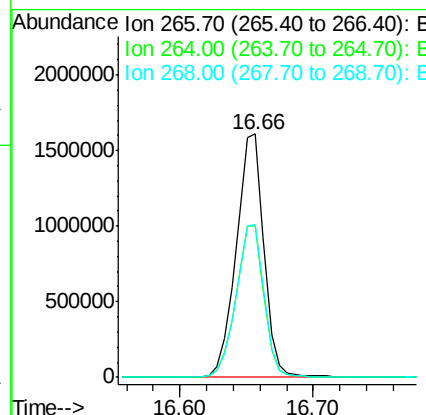
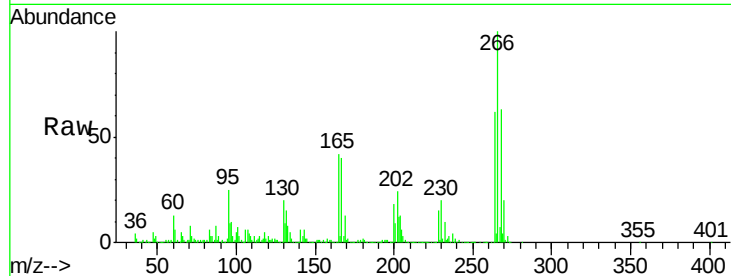
#68
 Pentachlorophenol
 Concen: 497.620 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.01 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Instrument :
 BNA_M
 ClientSampled :
 F6A95DL

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.3	73.9
268	62.6	52.6	78.8

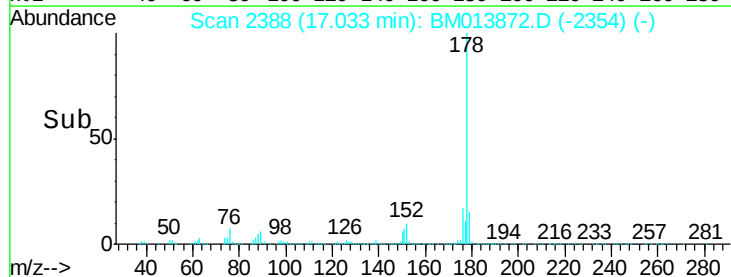
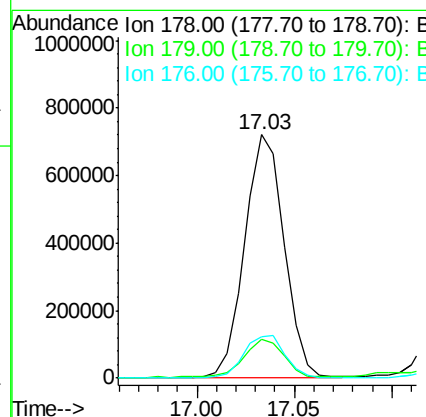
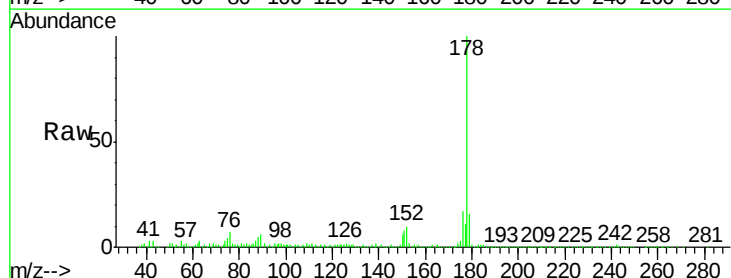
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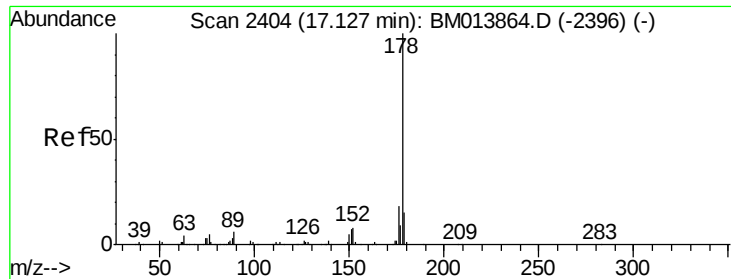
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#69
 Phenanthrene
 Concen: 25.928 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	17.1	14.9	22.3





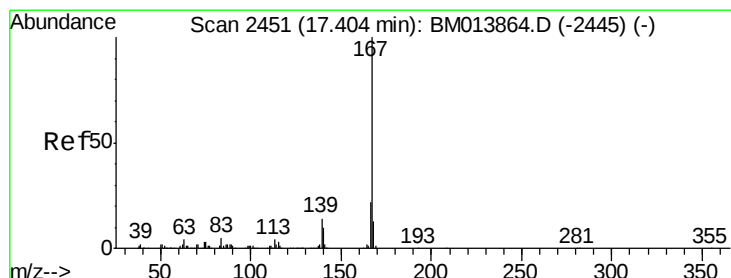
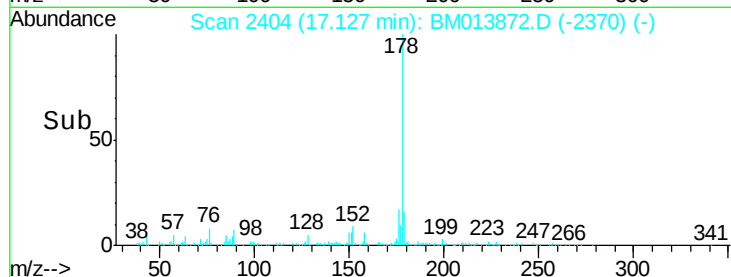
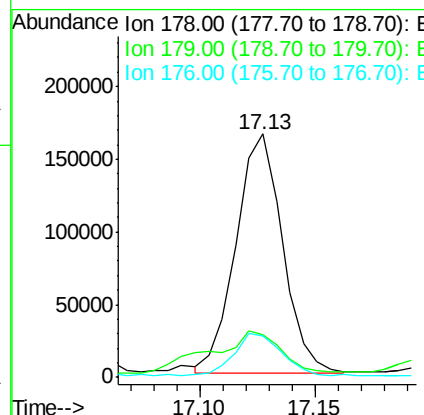
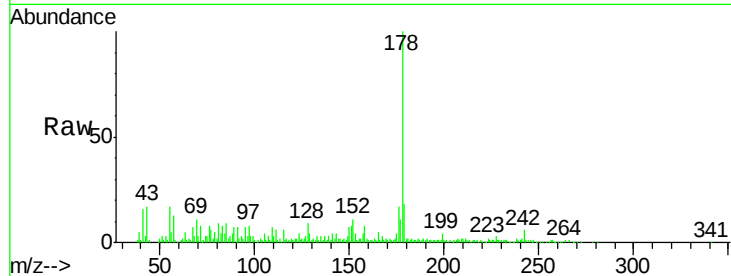
#71
 Anthracene
 Concen: 5.810 ng/ul m
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Instrument :
 BNA_M
 ClientSampleId :
 F6A95DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	11.7	17.5#
176	16.9	14.6	21.8

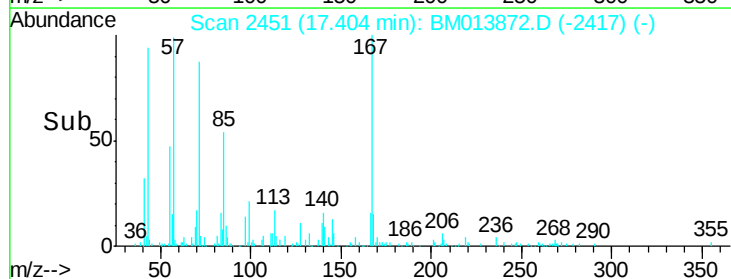
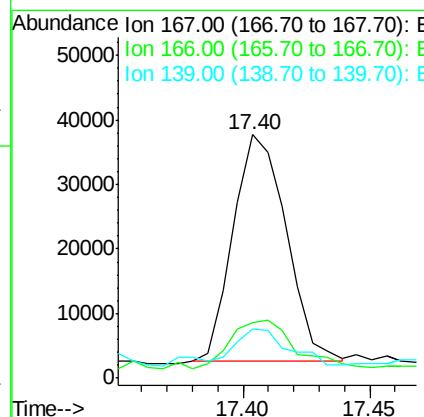
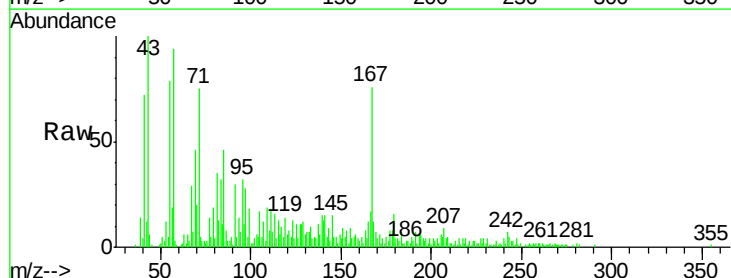
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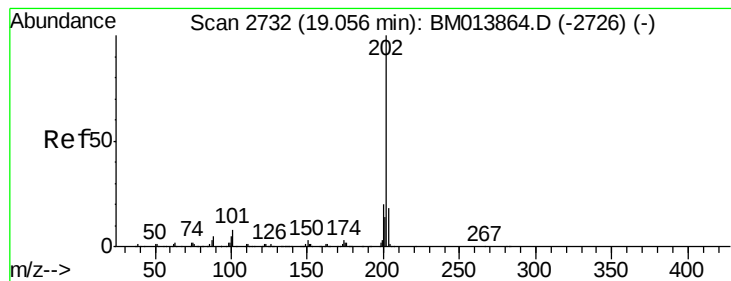
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#72
 Carbazole
 Concen: 1.562 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BM013872.D
 Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.1	25.7
139	20.2	10.0	15.0#





#74

Fluoranthene

Concen: 30.617 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Instrument :

BNA_M

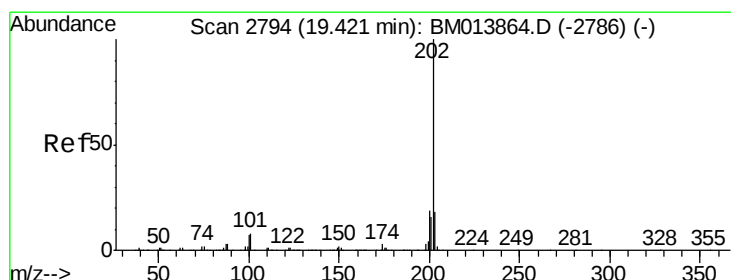
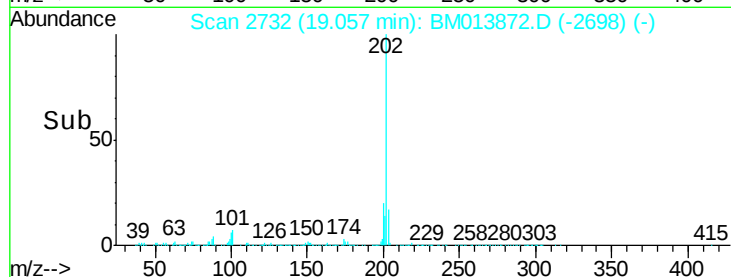
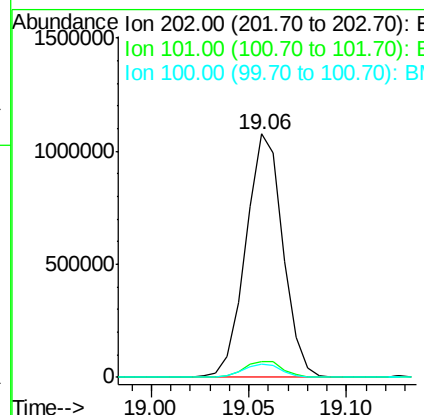
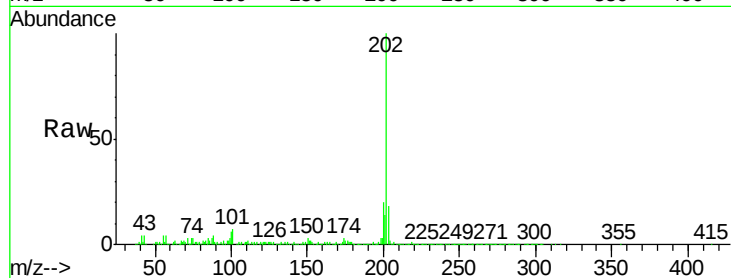
ClientSampled :

F6A95DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1409380		
101	6.7		4.6	7.0
100	5.5		3.4	5.2#

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#77

Pyrene

Concen: 23.207 ng/ul

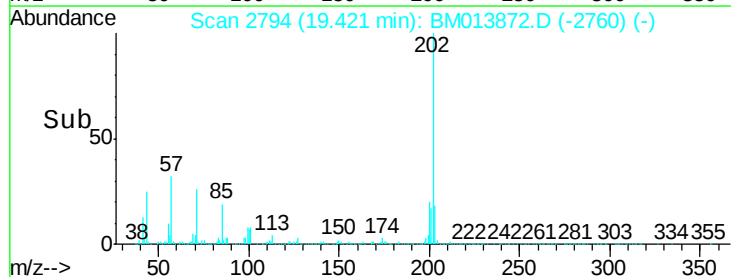
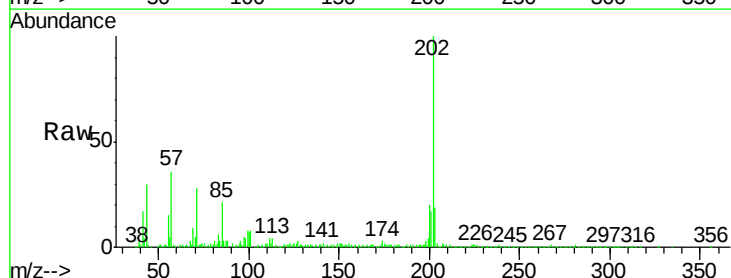
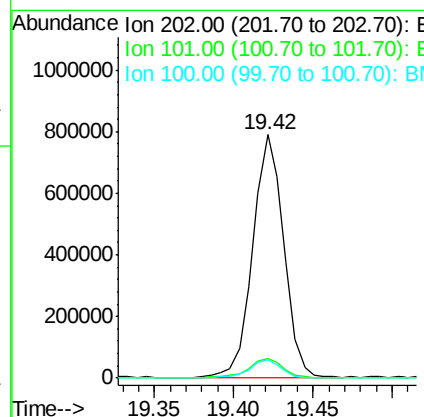
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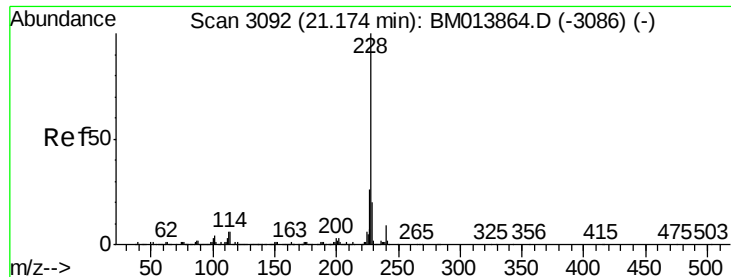
Delta R.T. 0.00 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1065752		
101	8.2		5.1	7.7#
100	7.4		4.9	7.3#





#80

Benzo(a)anthracene

Concen: 4.293 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Instrument :

BNA_M

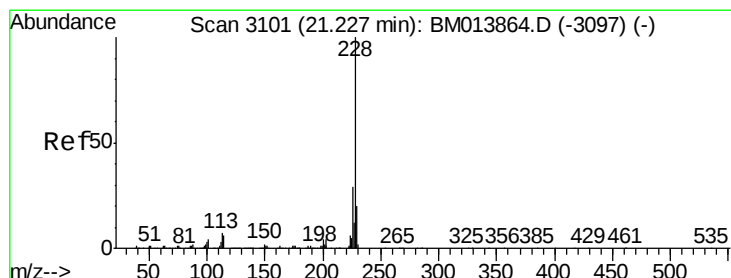
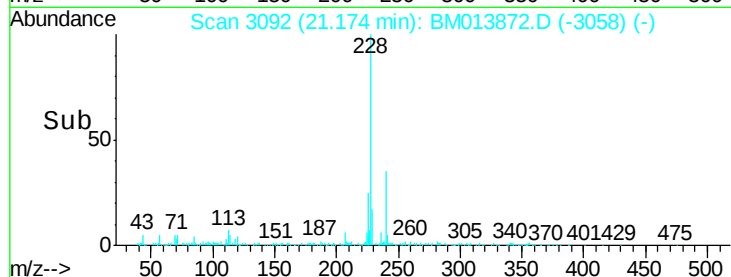
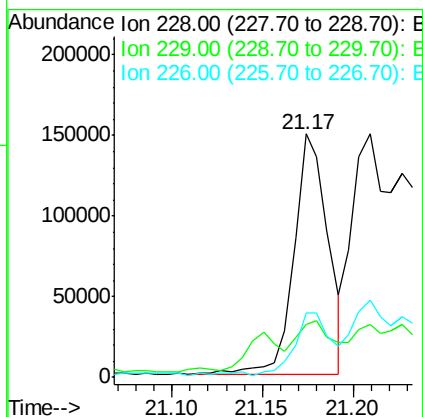
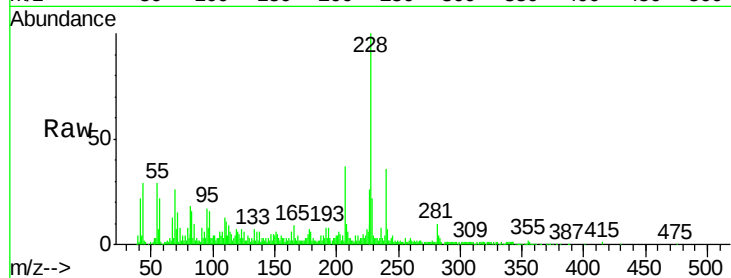
ClientSampleId :

F6A95DL

Tgt Ion:	228	Resp:	195957
Ion Ratio		Lower	Upper
228	100		
229	21.6	15.4	23.0
226	26.5	21.4	32.0

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#82

Chrysene

Concen: 7.848 ng/ul m

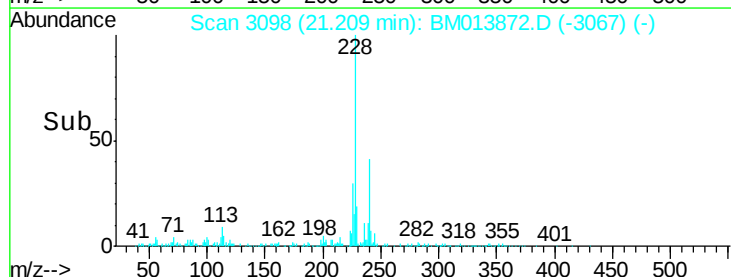
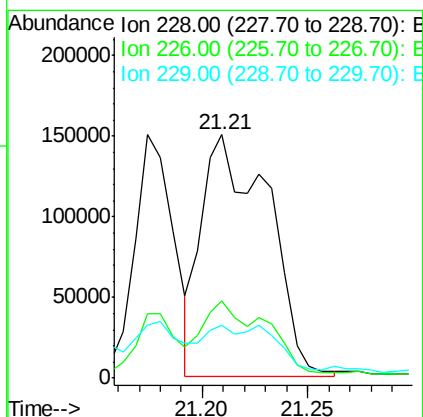
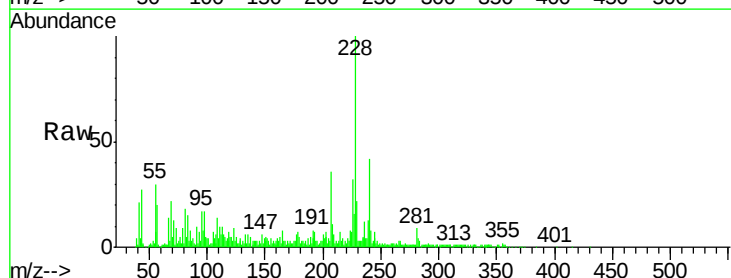
RT: 21.21 min Scan# 3098

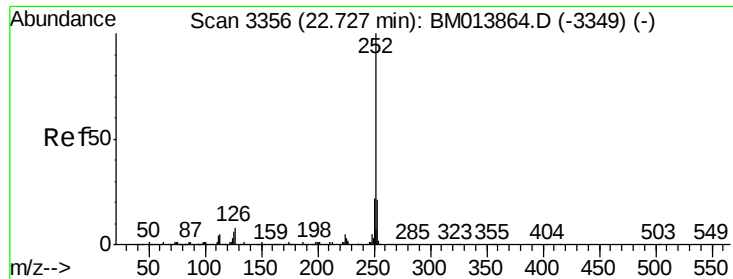
Delta R.T. -0.02 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Tgt Ion:	228	Resp:	328612
Ion Ratio		Lower	Upper
228	100		
226	31.5	23.4	35.2
229	21.5	15.5	23.3





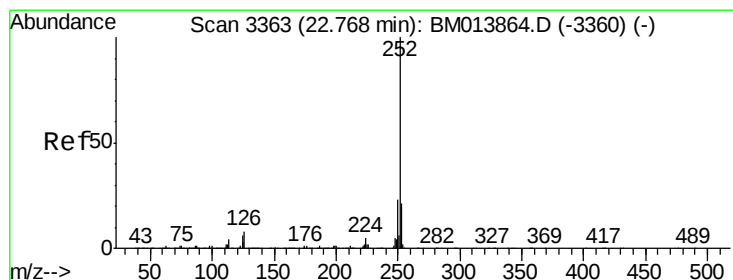
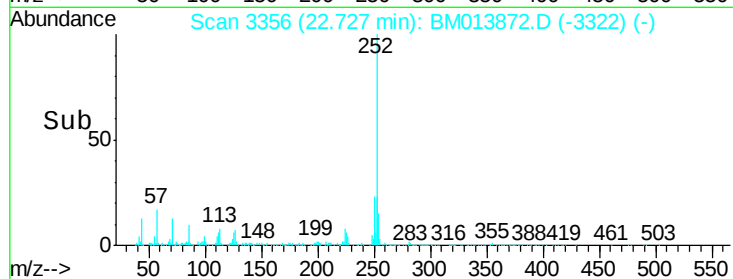
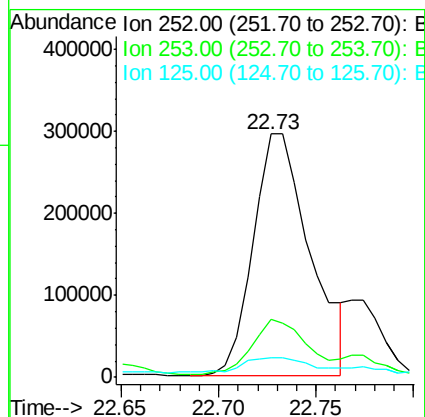
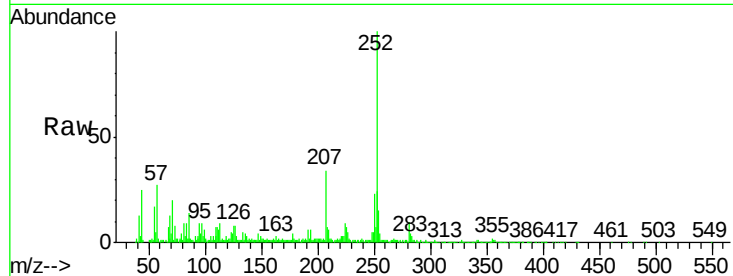
#85
Benzo(b)fluoranthene
Concen: 12.680 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013872.D
Acq: 27 Jan 2018 07:57

Instrument :
BNA_M
ClientSampleId :
F6A95DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	8.2	3.6	5.4

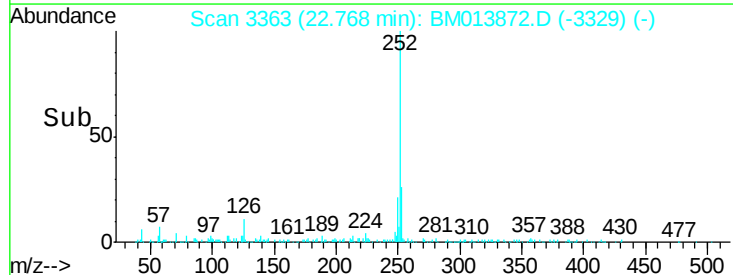
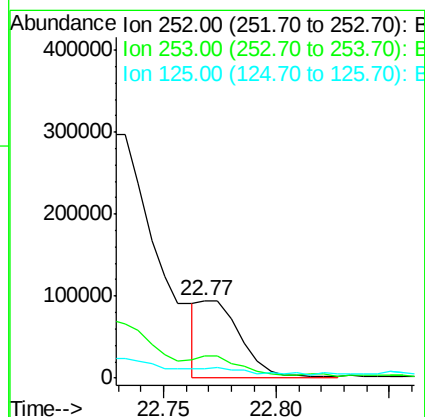
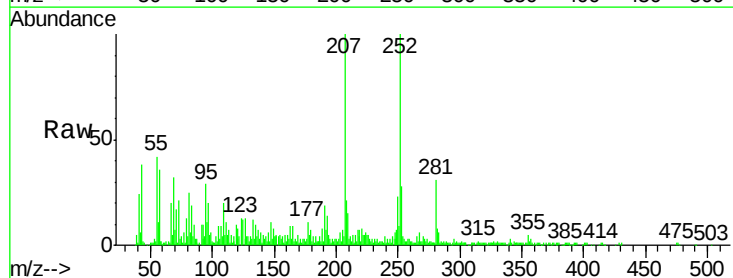
Manual Integrations
APPROVED

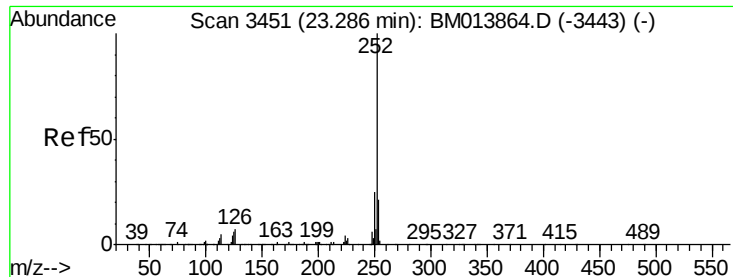
Sohil
1/29/2018 7:21:22 PM



#86
Benzo(k)fluoranthene
Concen: 2.584 ng/ul m
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM013872.D
Acq: 27 Jan 2018 07:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.1	25.7
125	12.1	3.4	5.2





#88

Benzo(a)pyrene

Concen: 4.633 ng/ul

RT: 23.29 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Instrument :

BNA_M

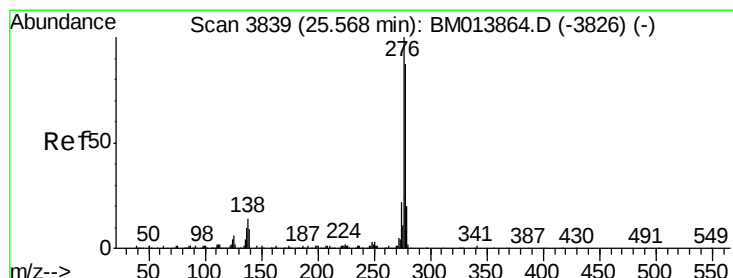
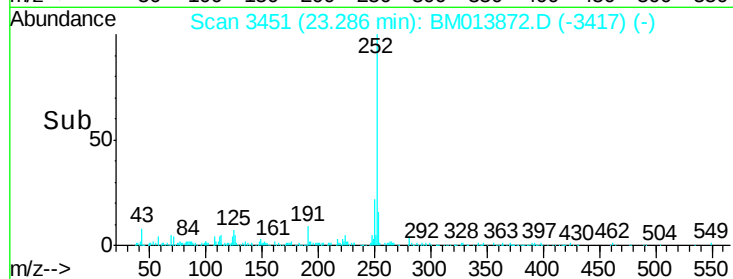
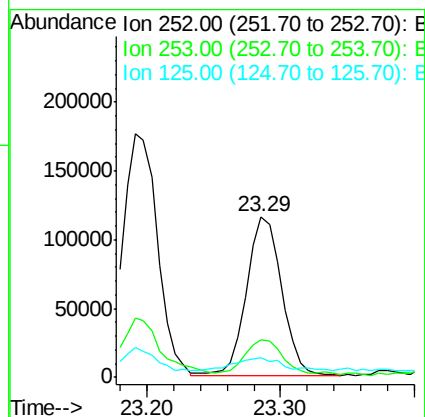
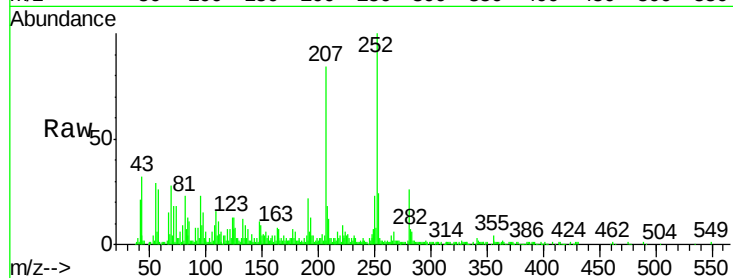
ClientSampleId :

F6A95DL

Tgt Ion:	252	Resp:	207153
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	12.5	4.0	6.0#

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:22 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.580 ng/ul

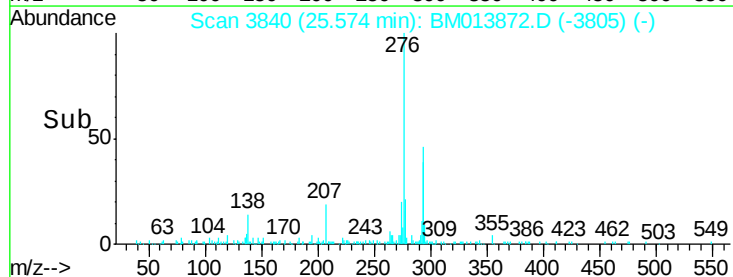
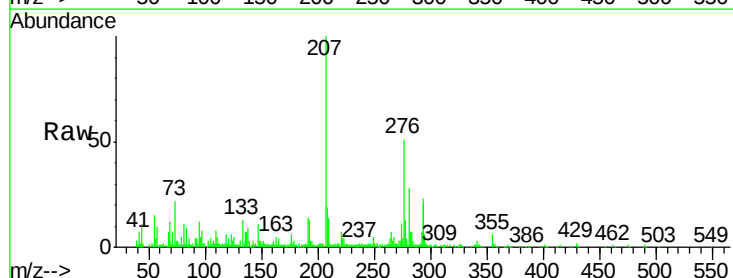
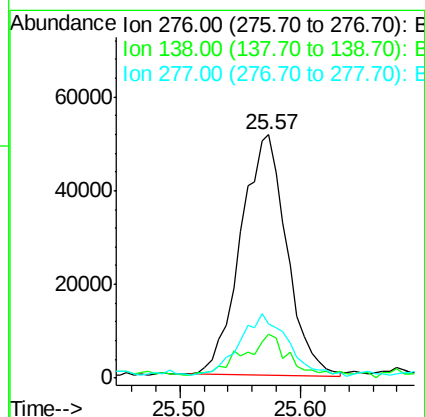
RT: 25.57 min Scan# 3840

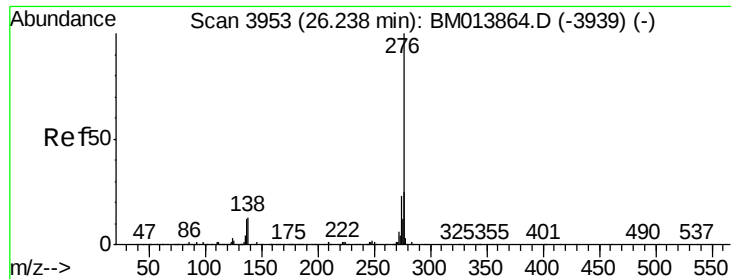
Delta R.T. 0.01 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Tgt Ion:	276	Resp:	136143
Ion Ratio	Lower	Upper	
276	100		
138	17.8	9.3	13.9#
277	22.3	19.9	29.9





#91

Benzo(g,h,i)perylene

Concen: 2.816 ng/ul

RT: 26.24 min Scan# 3954

Delta R.T. 0.01 min

Lab File: BM013872.D

Acq: 27 Jan 2018 07:57

Instrument :

BNA_M

ClientSampleId :

F6A95DL

Tgt Ion: 276 Resp: 122328

Ion Ratio Lower Upper

276 100

138 15.4 8.5 12.7#

277 28.3 18.6 28.0#

Manual Integrations
APPROVED

Sohil

1/29/2018 7:21:22 PM

