

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017127.D
 Acq On : 11 Oct 2018 15:42
 Operator : MJ/SJ
 Sample : J5368-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3YZ9

Manual Integrations
 APPROVED

Sohil
 10/12/2018 6:33:31 PM

Quant Time: Oct 12 02:51:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	255779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1225118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	701618	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1584886	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1324222	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1123012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16281m	3.16	ng/uL	0.00
5) Phenol-d5	6.87	99	468017	21.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	285591	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	409391	23.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	397331	23.72	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	213792	23.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	228496	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	436101	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	548631	24.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1412395	25.37	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1784388	25.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	36032	3.43	ng/ul	0.00
58) Fluorene-d10	15.33	176	1248228	25.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	29235	3.13	ng/ul	0.00
71) Anthracene-d10	17.18	188	1904940	25.16	ng/ul	0.00
79) Pyrene-d10	19.48	212	1997057	33.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1534690	26.69	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	102771	4.804	ng/ul 99
28) Naphthalene	10.52	128	199719	3.173	ng/ul 99
45) Dimethylphthalate	13.79	163	455505	8.264	ng/ul 100
50) Acenaphthene	14.39	153	118767	2.453	ng/ul 98
54) Dibenzofuran	14.73	168	116260	1.700	ng/ul 96
59) Fluorene	15.38	166	145015	2.601	ng/ul 97
70) Phenanthrene	17.12	178	1195946	13.458	ng/ul 99
72) Anthracene	17.22	178	339939	3.765	ng/ul 99
75) Carbazole	17.49	167	251178	3.214	ng/ul 100
77) Fluoranthene	19.14	202	1033119	10.037	ng/ul 99
80) Pyrene	19.50	202	790025	10.297	ng/ul 98
83) Benzo(a)anthracene	21.26	228	328077	4.130	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.20	149	49943	1.217	ng/ul 99
85) Chrysene	21.31	228	326324	4.247	ng/ul 98
88) Benzo(b)fluoranthene	22.83	252	298447m	4.463	ng/ul
89) Benzo(k)fluoranthene	22.87	252	114907	1.789	ng/ul 97
91) Benzo(a)pyrene	23.40	252	202840	3.147	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.71	276	114544	1.506	ng/ul 97
94) Benzo(g,h,i)perylene	26.40	276	93382	1.474	ng/ul 97

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

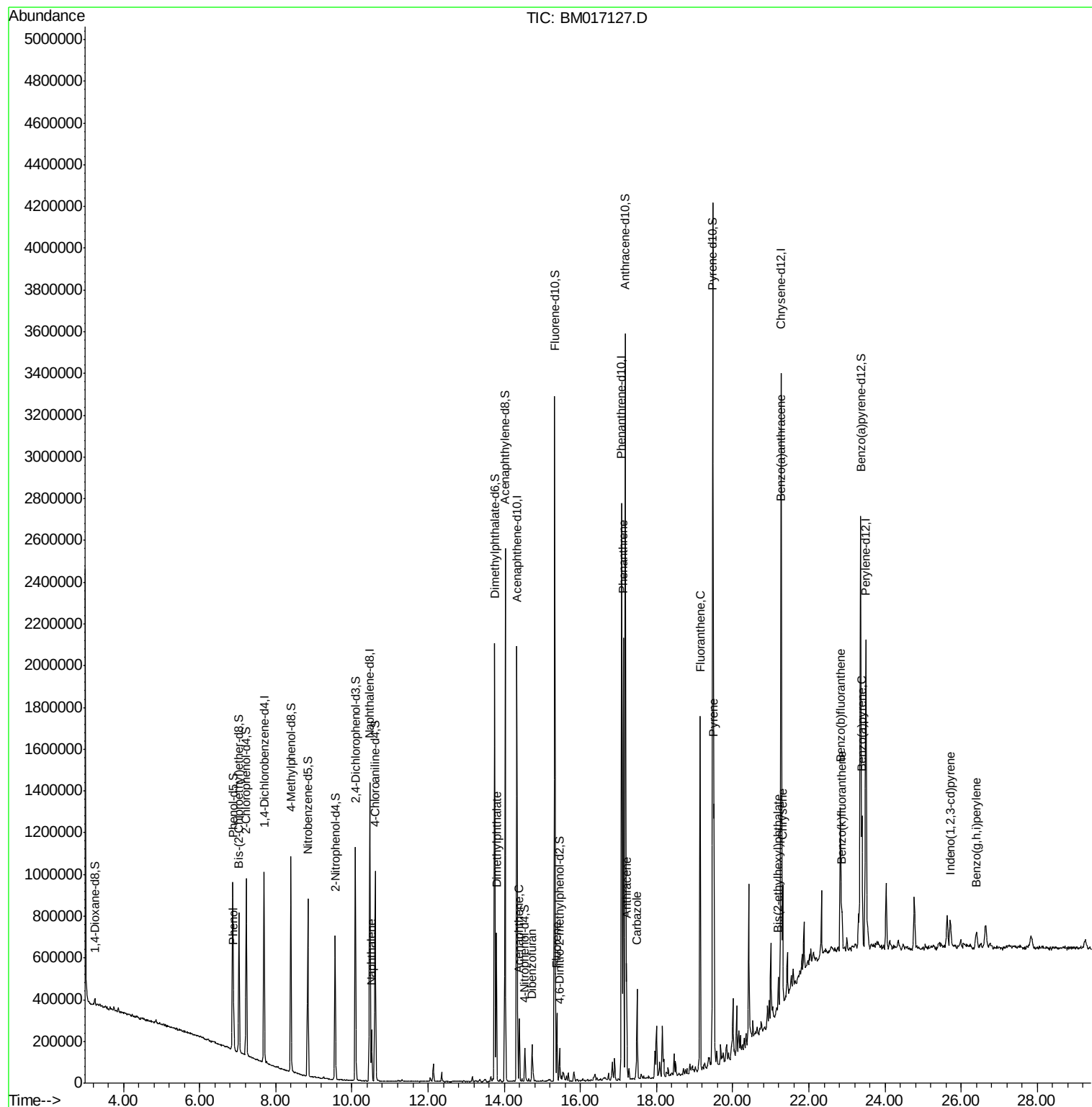
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
Data File : BM017127.D
Acq On : 11 Oct 2018 15:42
Operator : MJ/SJ
Sample : J5368-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

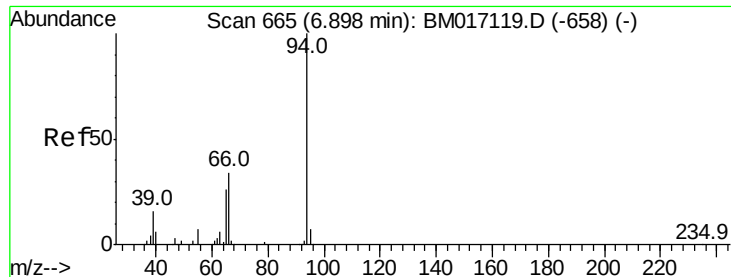
Instrument :
BNA_M
ClientSampleId :
A3YZ9

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Quant Time: Oct 12 02:51:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 01:39:13 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.804 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

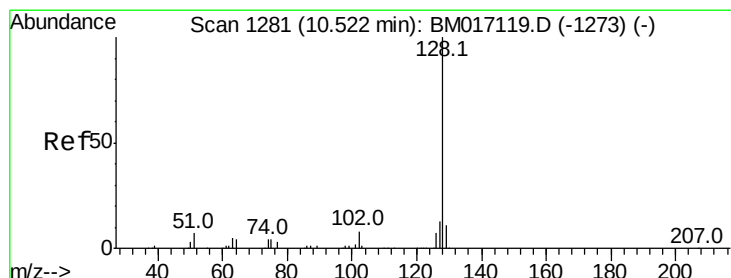
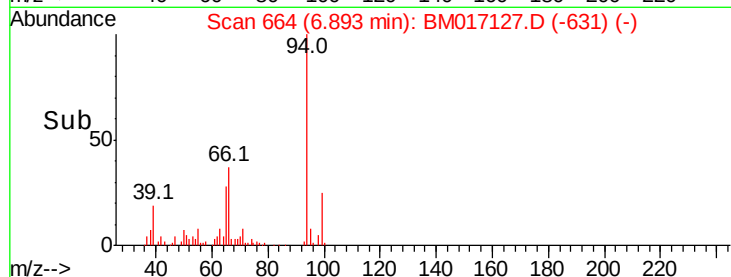
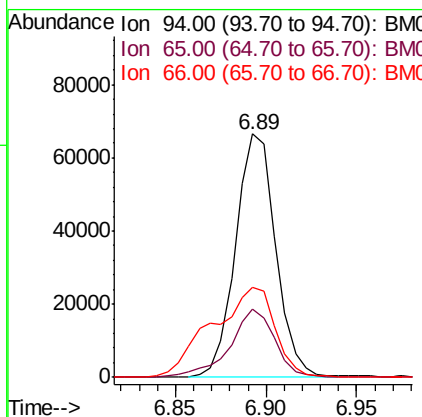
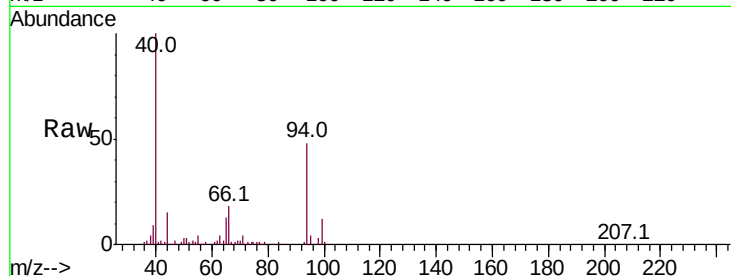
ClientSampled :

A3YZ9

Tot Ion:	94	Resp:	102771
Ion Ratio	Lower	Upper	
94	100		
65	27.8	22.8	34.2
66	37.0	29.5	44.3

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#28

Naphthalene

Concen: 3.173 ng/ul

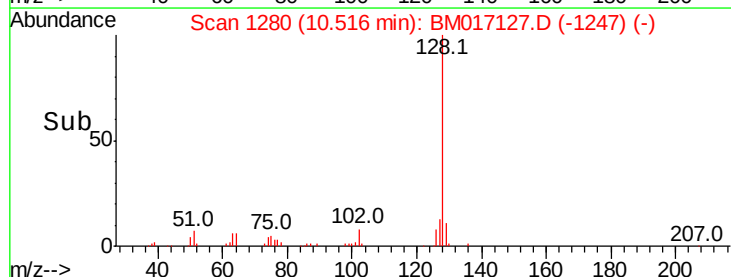
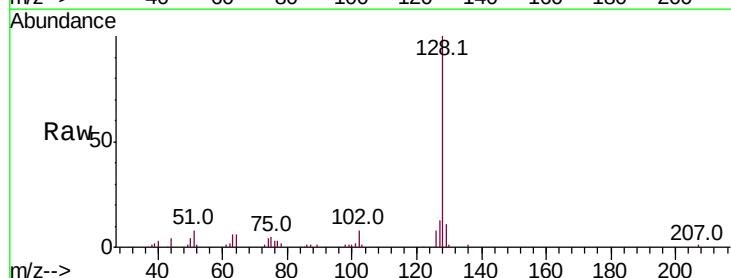
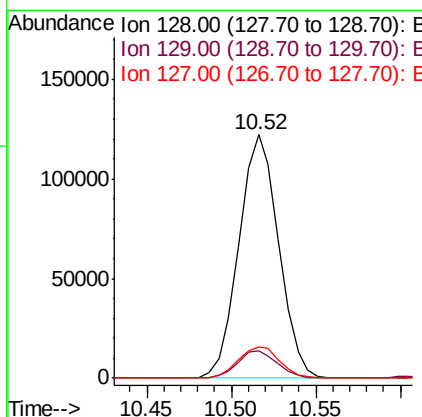
RT: 10.52 min Scan# 1280

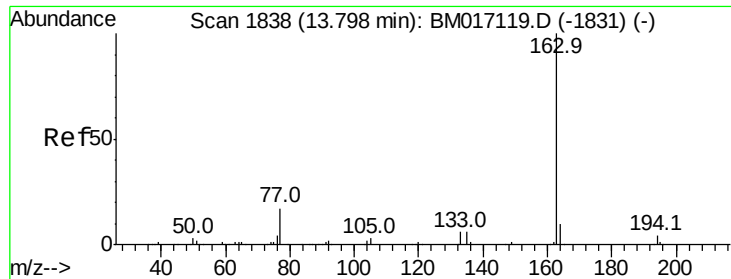
Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:	128	Resp:	199719
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.7	13.1
127	12.8	10.5	15.7





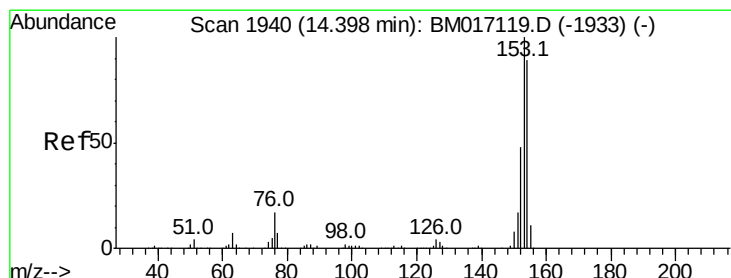
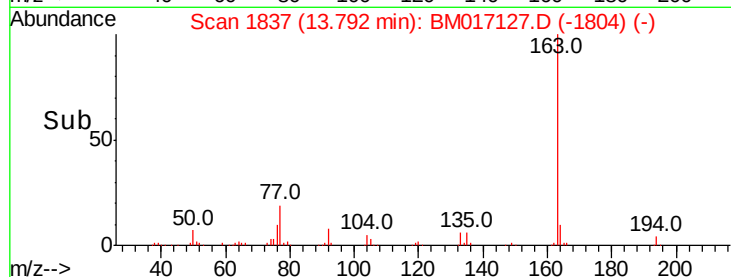
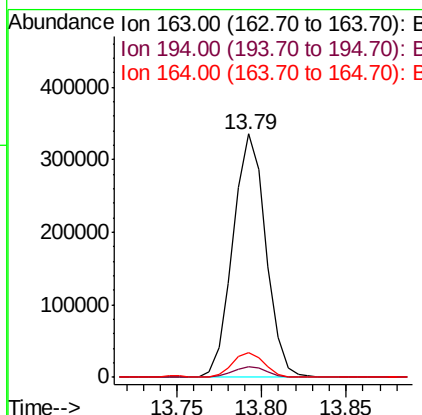
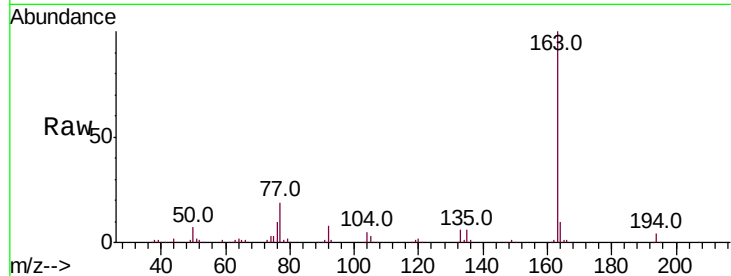
#45
Dimethylphthalate
Concen: 8.264 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :
A3YZ9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	455505		
194	4.2		3.3	4.9
164	10.0		8.0	12.0

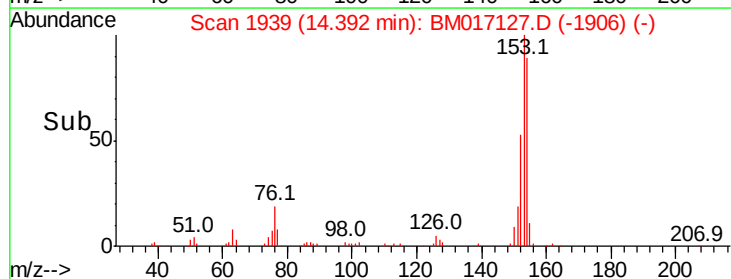
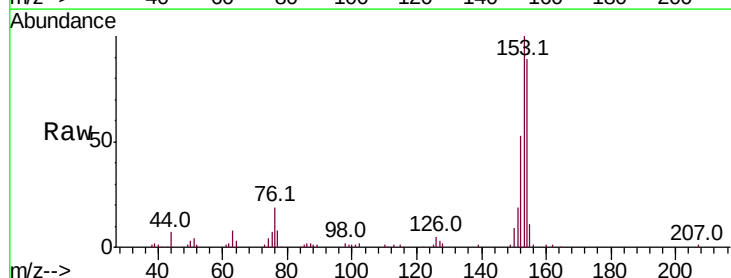
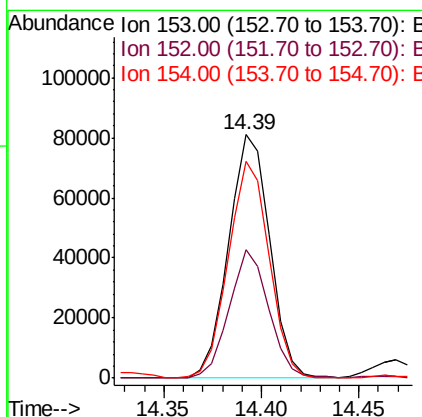
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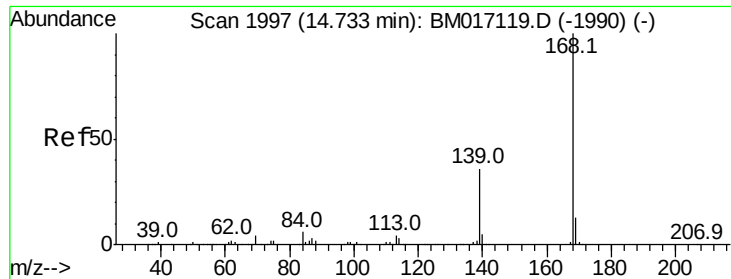
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#50
Acenaphthene
Concen: 2.453 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	118767		
152	52.6		38.3	57.5
154	88.8		71.0	106.6





#54

Dibenzofuran

Concen: 1.700 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

A3YZ9

Tot Ion:168 Resp: 116260

Ion Ratio Lower Upper

168 100

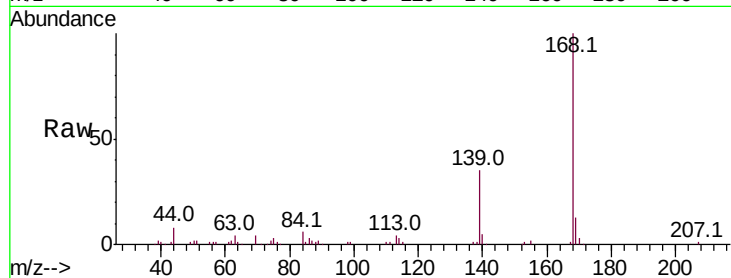
139 34.9 29.8 44.6

Manual Integrations

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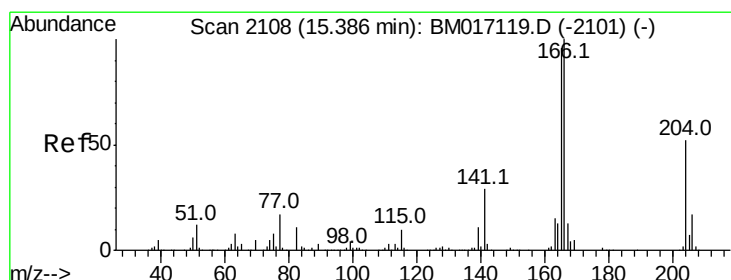
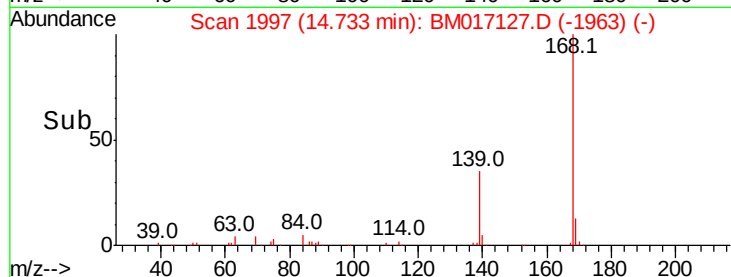
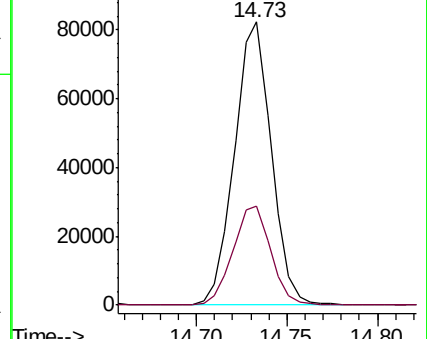
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.601 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

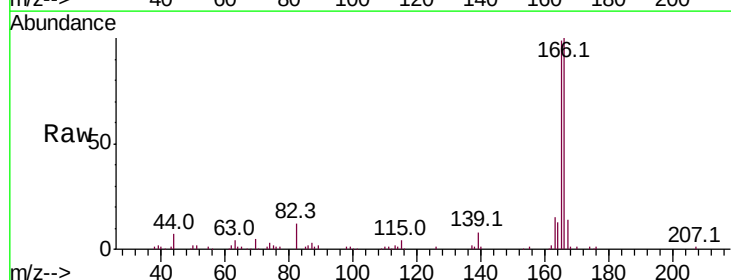
Tgt Ion:166 Resp: 145015

Ion Ratio Lower Upper

166 100

165 99.5 77.3 115.9

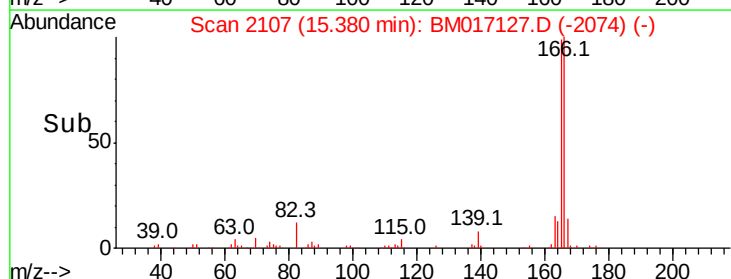
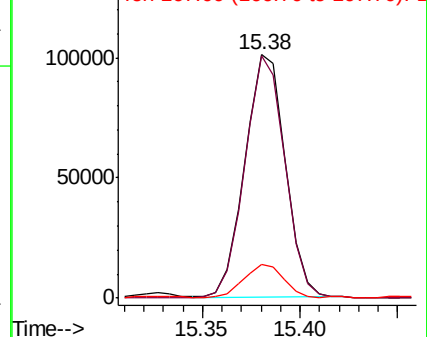
167 13.7 10.7 16.1

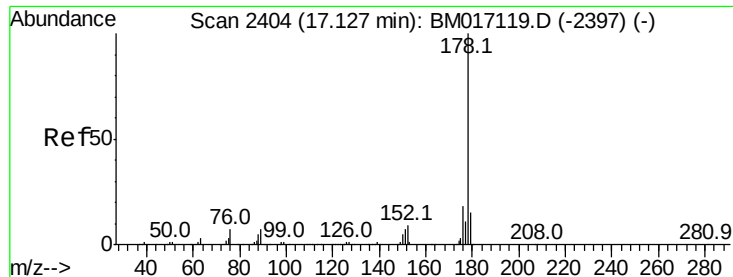


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





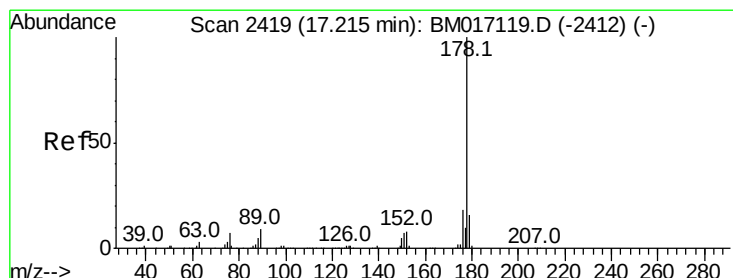
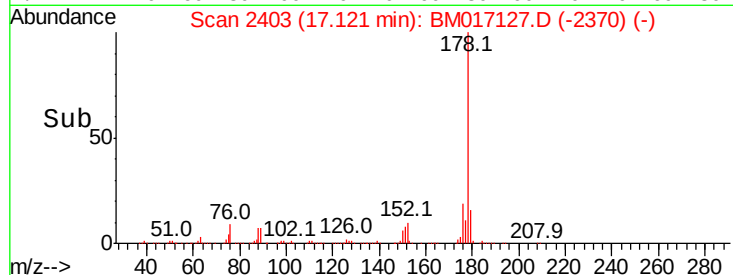
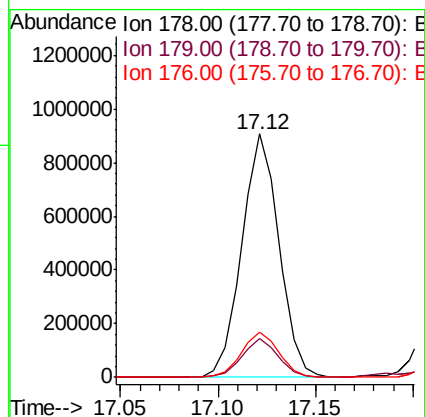
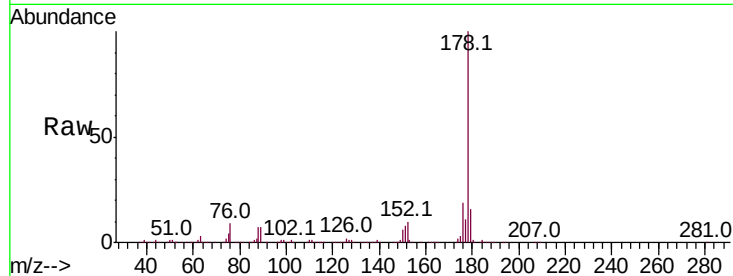
#70
Phenanthrene
Concen: 13.458 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :
A3YZ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.5	15.0	22.4

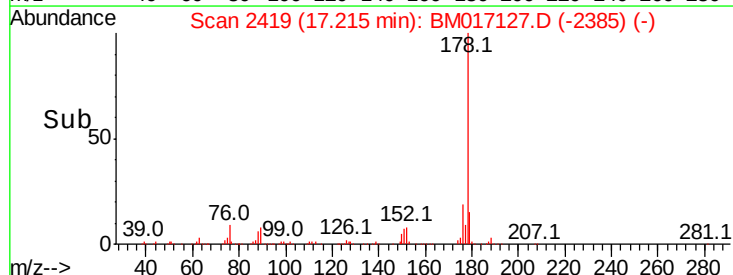
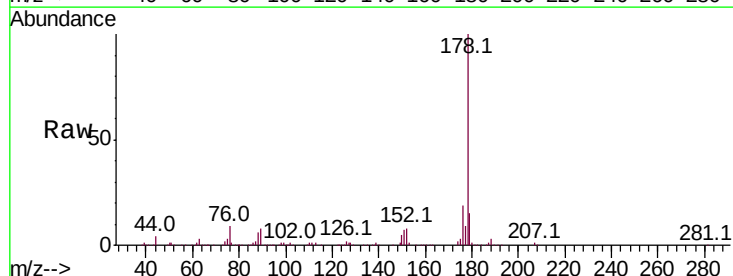
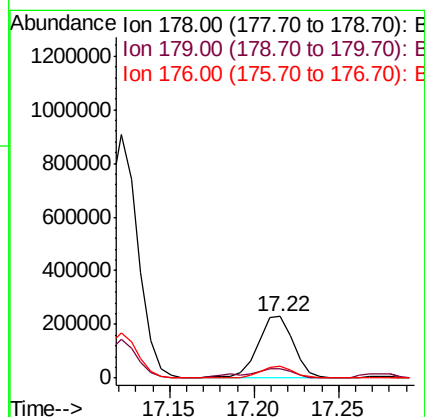
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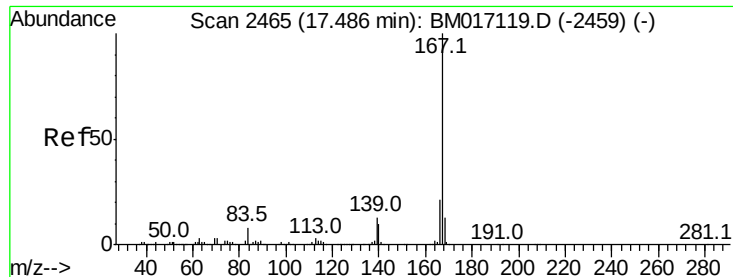
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#72
Anthracene
Concen: 3.765 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.8	14.6	22.0





#75

Carbazole

Concen: 3.214 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

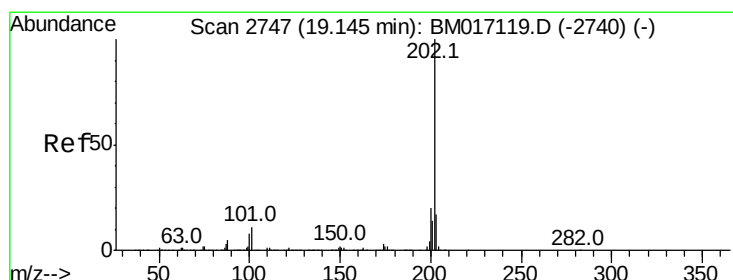
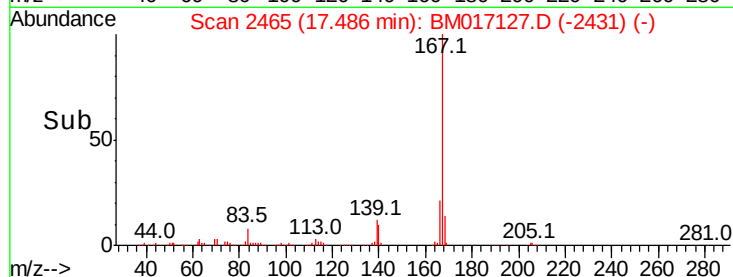
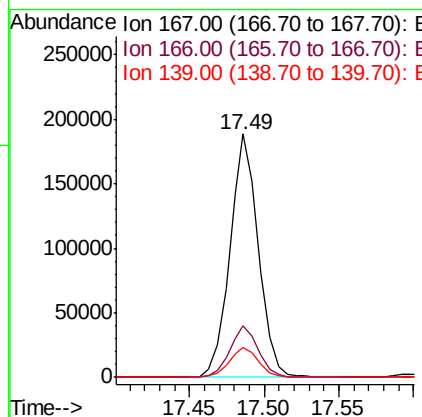
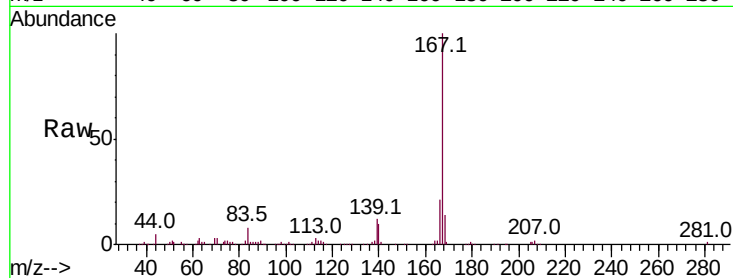
ClientSampleId :

A3YZ9

Tot Ion:	167	Resp:	251178
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.0	25.4
139	12.4	10.0	15.0

Manual Integrations
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#77

Fluoranthene

Concen: 10.037 ng/ul

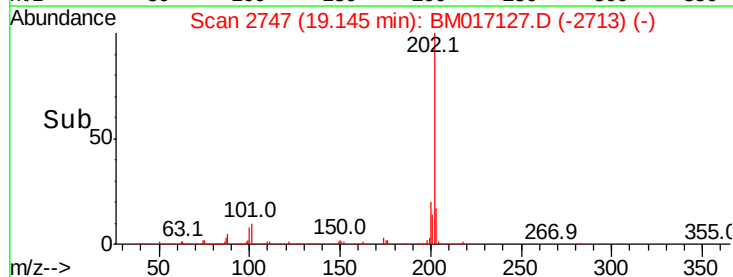
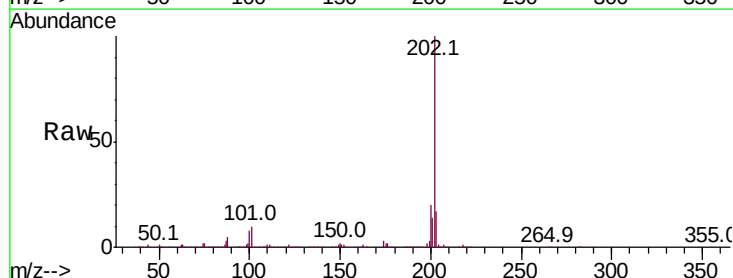
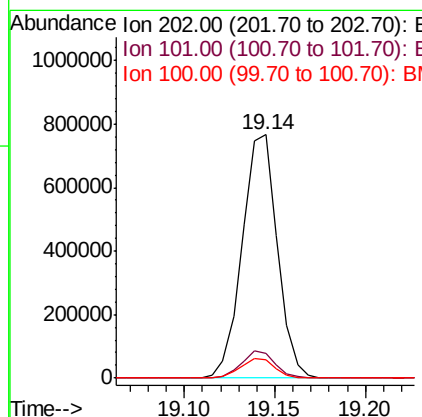
RT: 19.14 min Scan# 2747

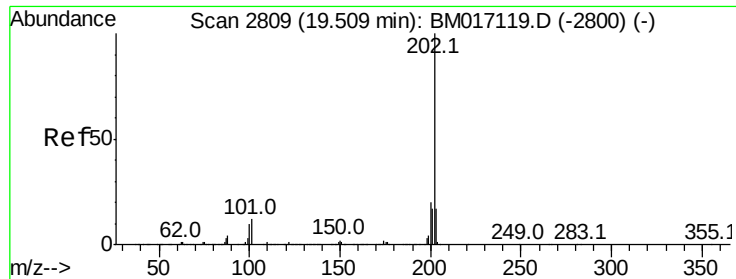
Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:	202	Resp:	1033119
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	7.7	6.6	9.8





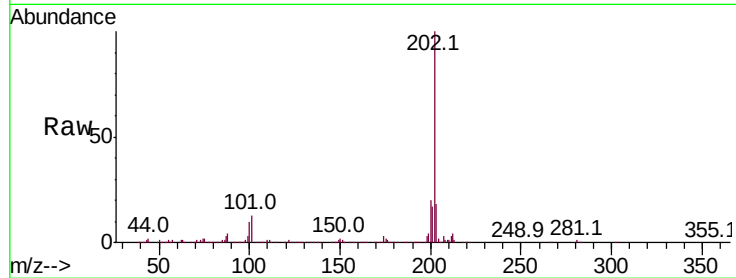
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Pvrene
Concen: 10.297 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :
A3YZ9

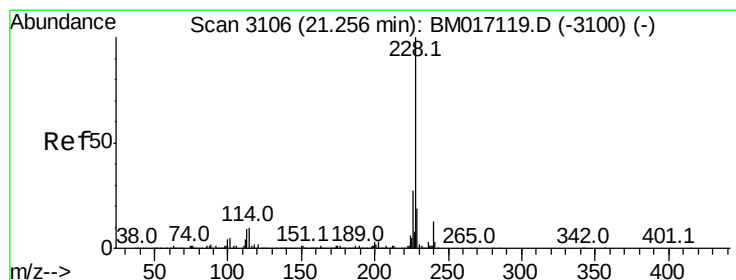
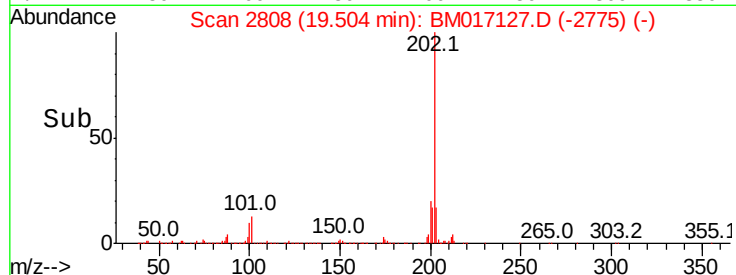
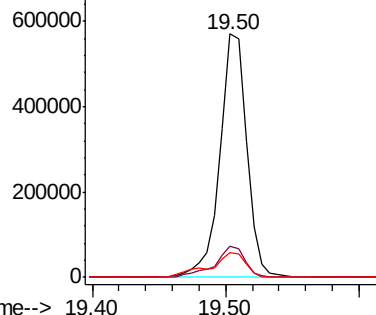
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	10.8	16.2
100	10.2	8.9	13.3

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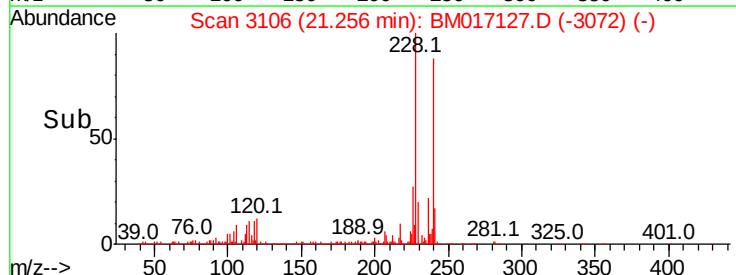
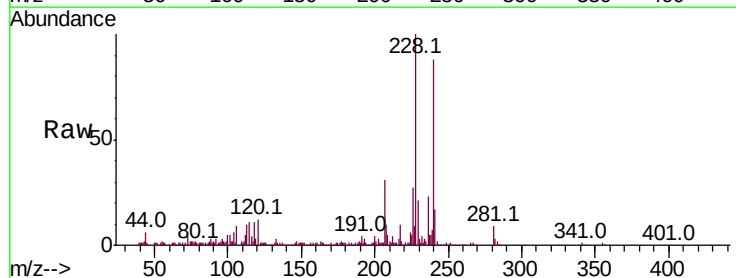
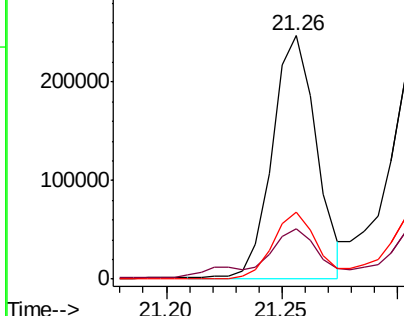
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

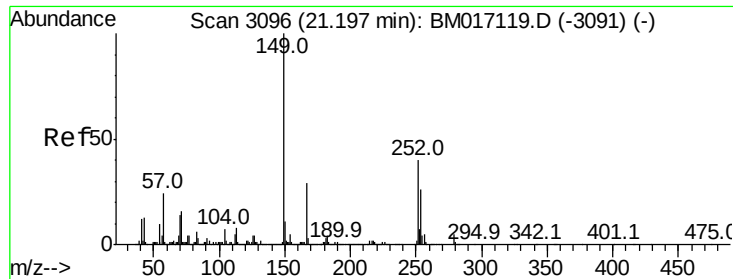


#83
Benzo(a)anthracene
Concen: 4.130 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.4	20.9	31.3

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.217 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

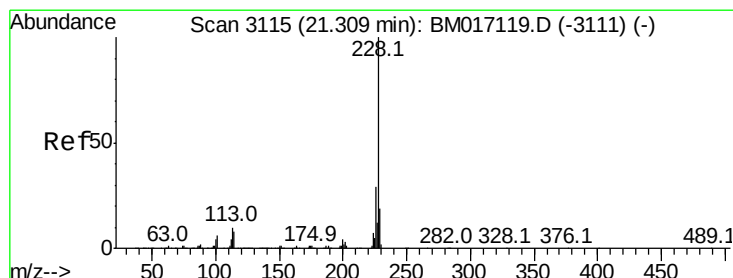
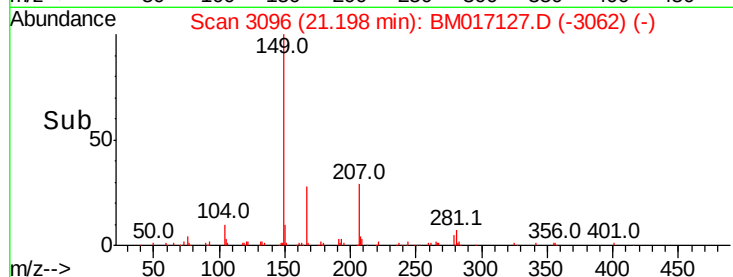
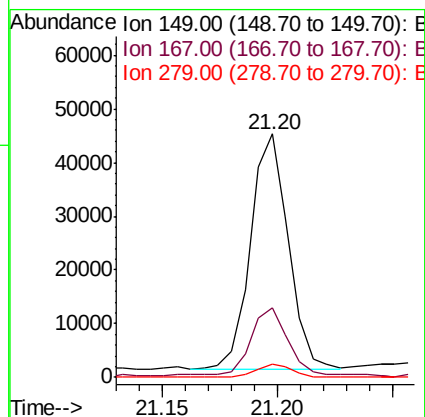
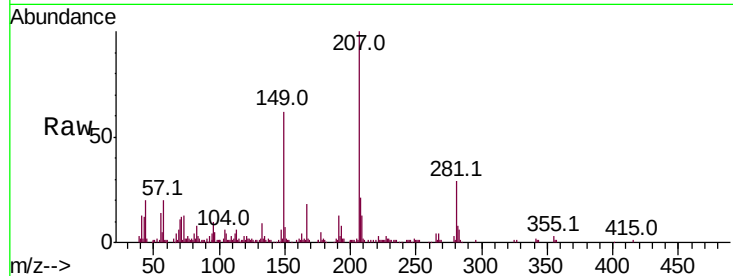
ClientSampled :

A3YZ9

Tot Ion:	149	Resp:	49943
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.5	33.7
279	5.3	3.7	5.5

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#85

Chrysene

Concen: 4.247 ng/ul

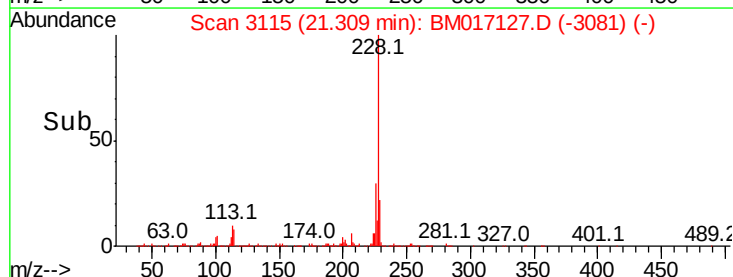
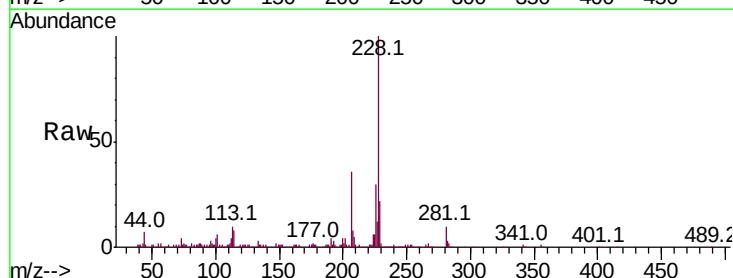
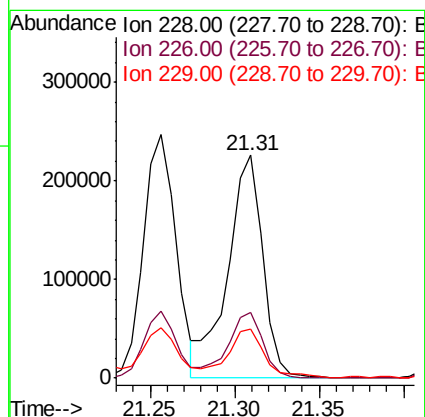
RT: 21.31 min Scan# 3115

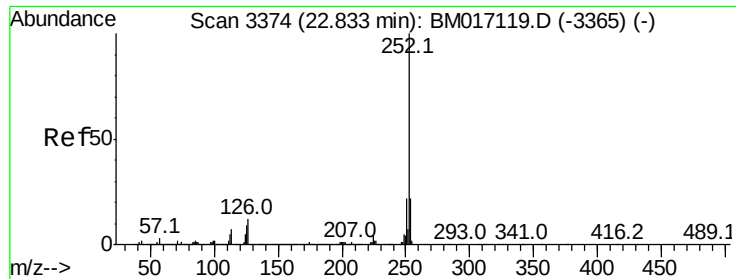
Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:	228	Resp:	326324
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.2
229	21.9	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 4.463 ng/ul m

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

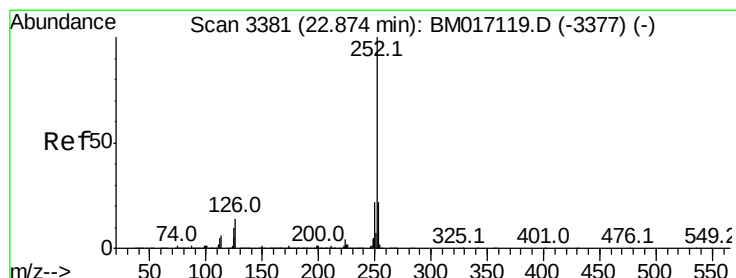
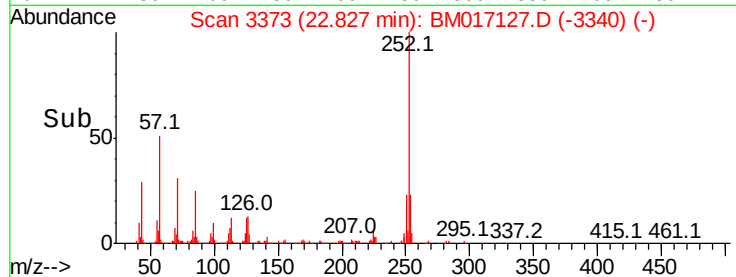
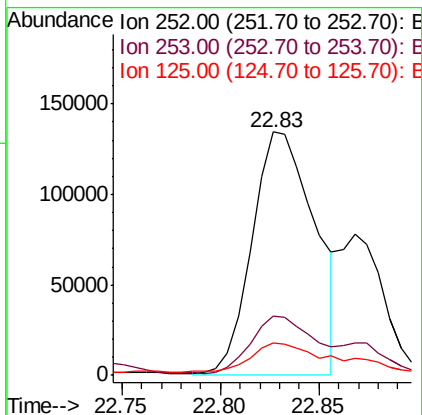
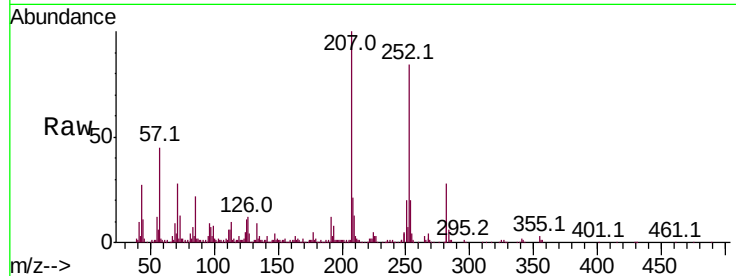
ClientSampled :

A3YZ9

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298447		
253	24.2	17.3	25.9	
125	13.3	8.2	12.4	

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#89

Benzo(k)fluoranthene

Concen: 1.789 ng/ul

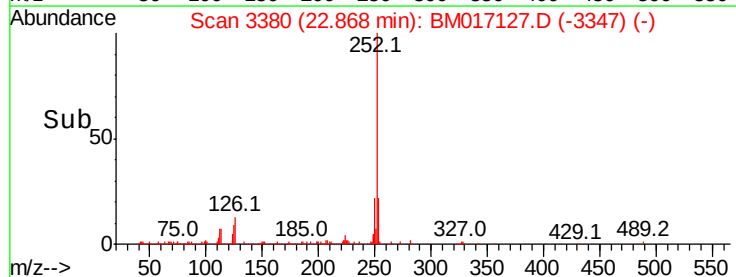
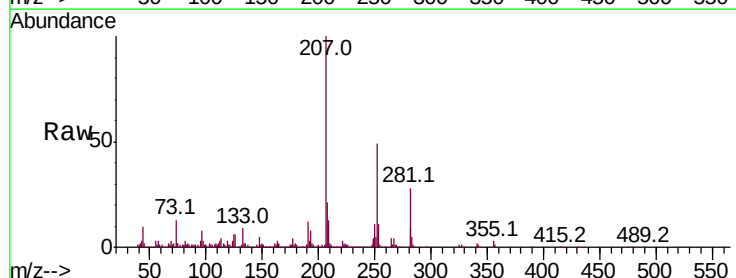
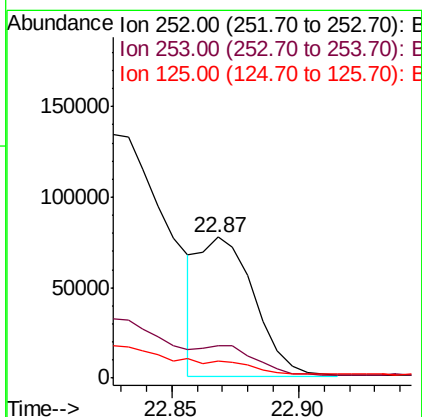
RT: 22.87 min Scan# 3380

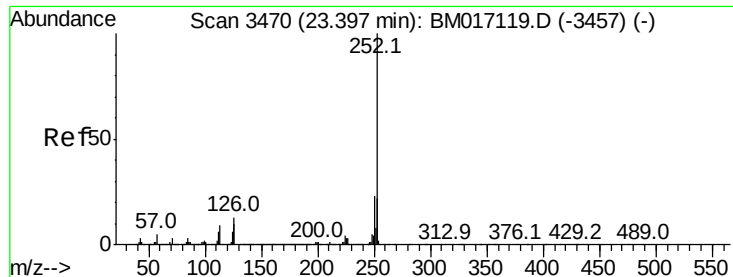
Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114907		
253	23.3	17.5	26.3	
125	11.8	8.2	12.4	





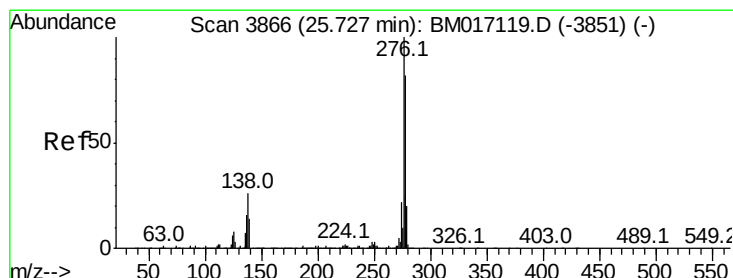
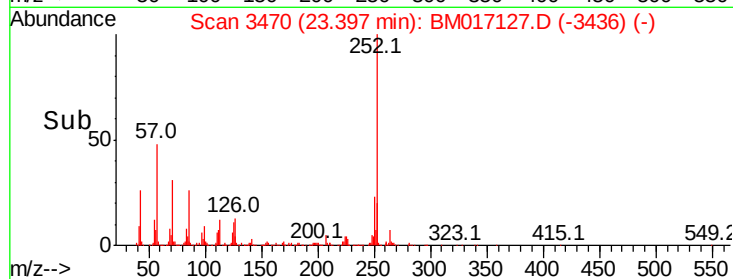
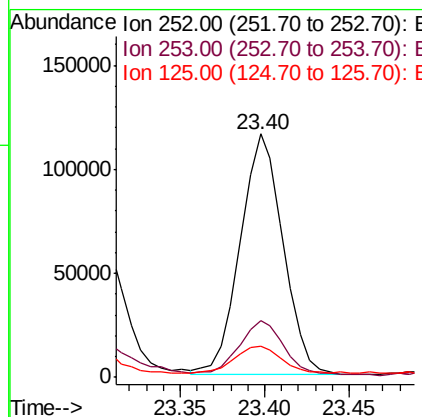
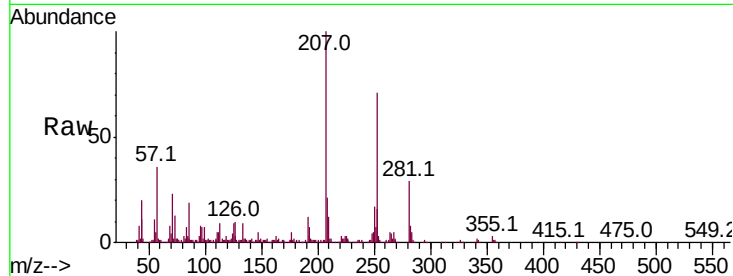
#91
Benzo(a)pyrene
Concen: 3.147 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Instrument :
BNA_M
ClientSampleId :
A3YZ9

Tot Ion	Ratio	Resp	Lower	Upper
252	100	202840		
253	23.1	17.0	25.4	
125	12.7	9.0	13.6	

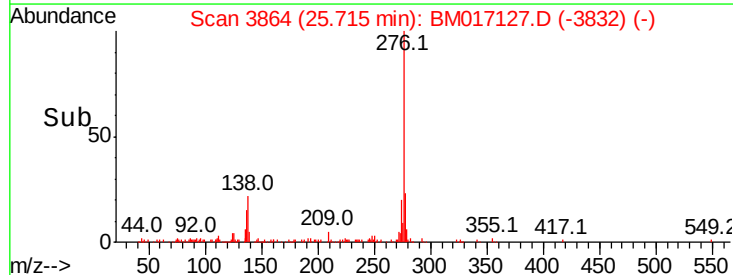
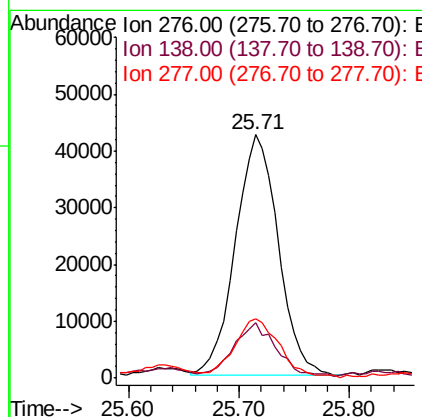
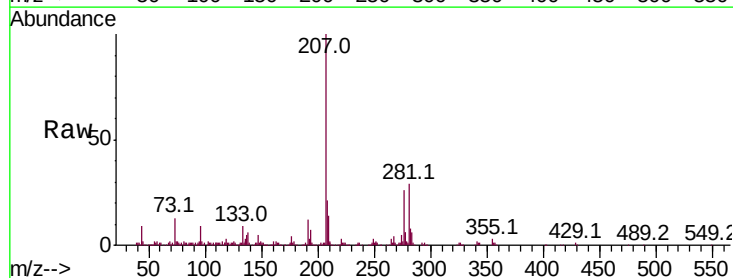
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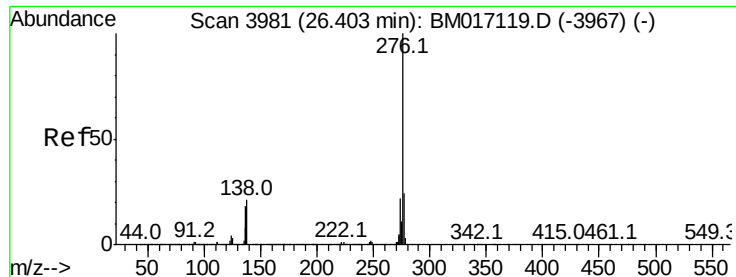
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.506 ng/ul
RT: 25.71 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	114544		
138	23.0	20.3	30.5	
277	24.4	20.2	30.2	





#94

Benzo(a,h,i)perylene

Concen: 1.474 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

A3YZ9

Tot Ion:	276	Resp:	93382
Ion Ratio	Lower	Upper	
276	100		
138	23.1	17.5	26.3
277	25.1	18.5	27.7

Manual Integrations
APPROVED

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