

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017994.D
 Acq On : 07 Dec 2018 10:14
 Operator : JU/SJ
 Sample : J6170-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9J04

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:39:56 AM

Quant Time: Dec 07 12:55:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 07 08:24:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	134637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	535992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	282676	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	604398	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	660107	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	710763	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	5365m	1.82	ng/uL	0.00
5) Phenol-d5	6.75	99	75852	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	201212	27.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	243151	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	141067	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	133942	32.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	149981	31.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	227824	25.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	19105m	2.48	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	785710	32.03	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	991228	33.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	18864m	4.23	ng/ul	0.05
57) Fluorene-d10	15.21	176	707885	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	117536	27.20	ng/ul	0.00
70) Anthracene-d10	17.06	188	1107075	36.79	ng/ul	0.00
78) Pyrene-d10	19.37	212	1222617	38.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1455328	37.75	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.37	128	3983765	142.653	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	106855	5.126	ng/ul	94
49) Acenaphthene	14.27	153	50352	2.520	ng/ul	99
53) Dibenzofuran	14.62	168	55899	1.977	ng/ul	98
58) Fluorene	15.26	166	25353	1.075	ng/ul	90
74) Carbazole	17.38	167	231707	7.439	ng/ul	98
75) Di-n-butylphthalate	17.94	149	107142	2.722	ng/ul	99

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

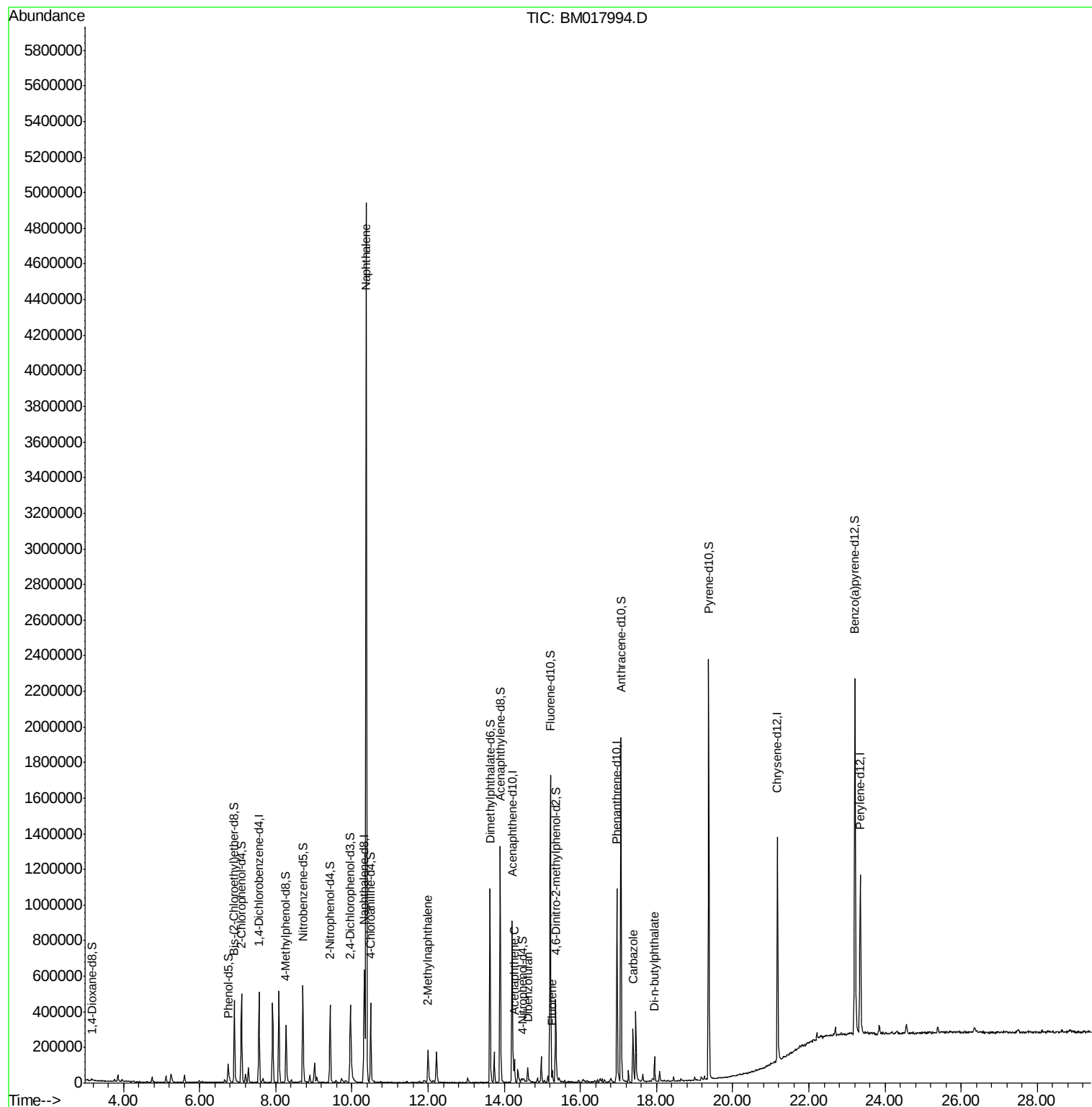
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
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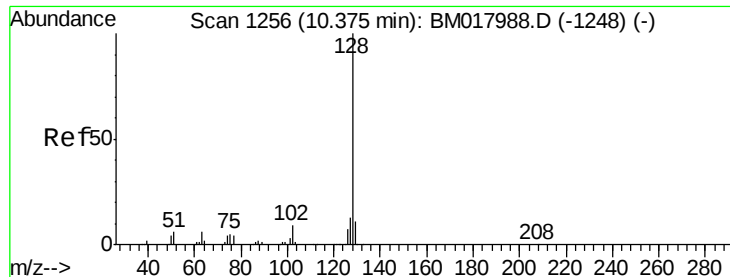
Instrument :
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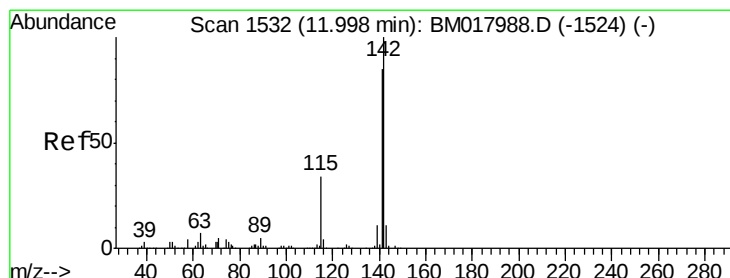
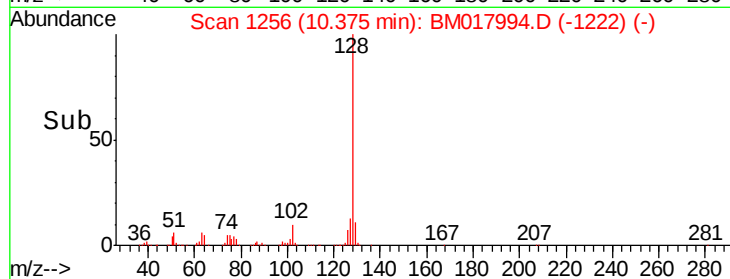
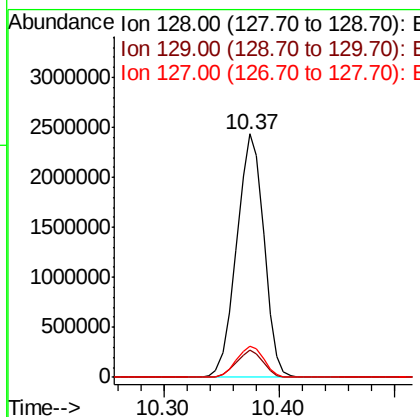
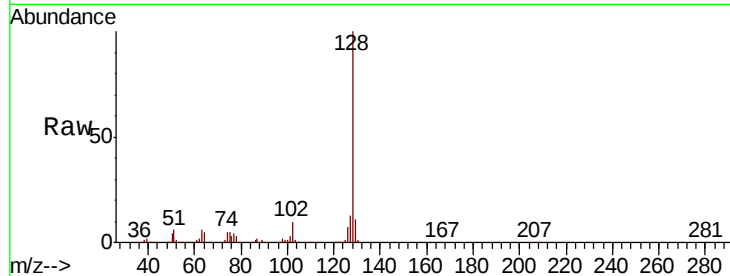
#28
Naphthalene
Concen: 142.653 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM017994.D
Acq: 07 Dec 2018 10:14

Instrument :
BNA_M
ClientSampleId :
F9J04

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.0	10.8	16.2

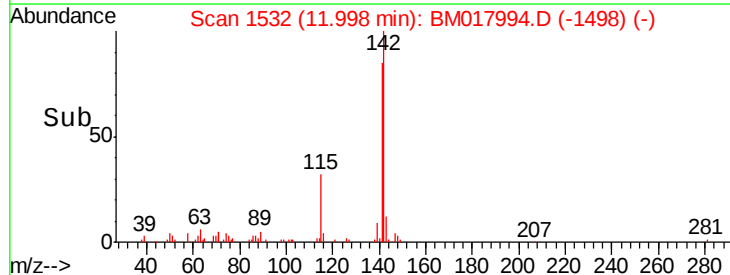
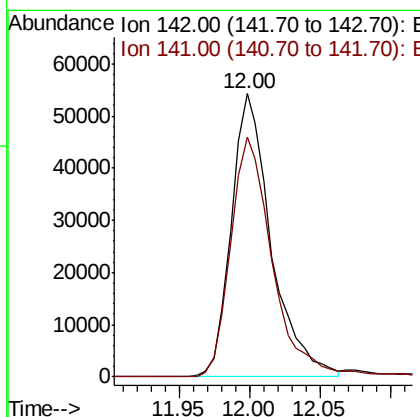
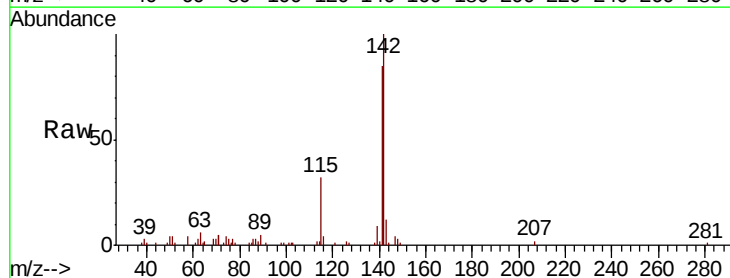
Manual Integrations
APPROVED

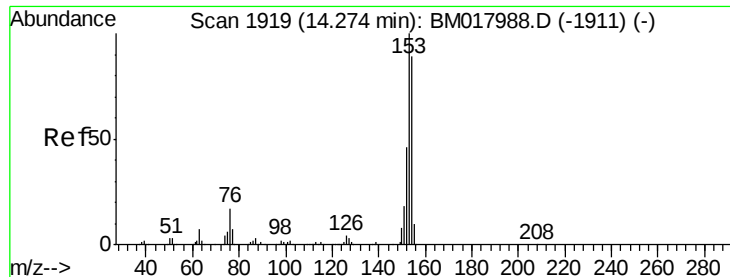
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#34
2-Methylnaphthalene
Concen: 5.126 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM017994.D
Acq: 07 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.7	72.6	108.8





#49

Acenaphthene

Concen: 2.520 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM017994.D

Acq: 07 Dec 2018 10:14

Instrument :

BNA_M

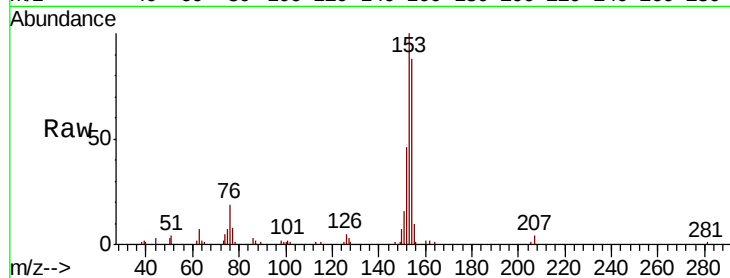
ClientSampleId :

F9J04

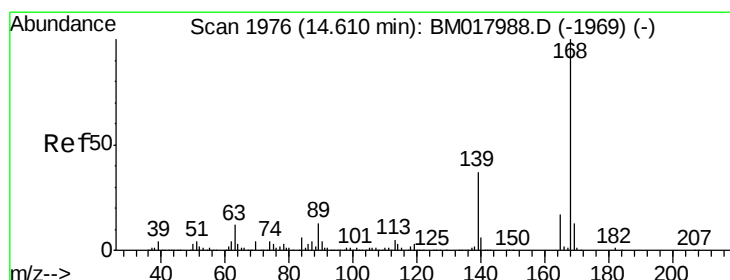
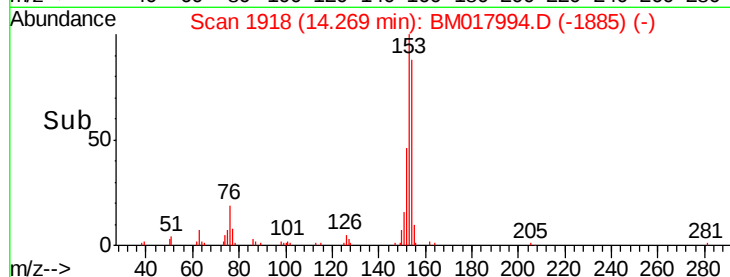
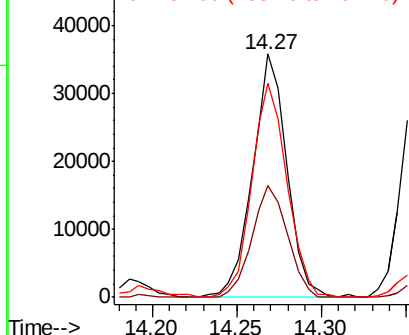
Tot Ion:	153	Resp:	50352
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.0	55.6
154	88.0	70.6	106.0

Manual Integrations
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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



#53

Dibenzofuran

Concen: 1.977 ng/ul

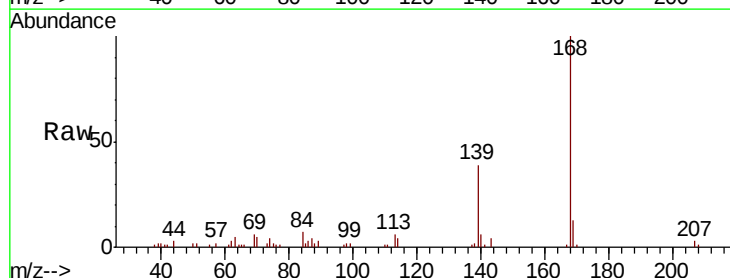
RT: 14.62 min Scan# 1977

Delta R.T. 0.01 min

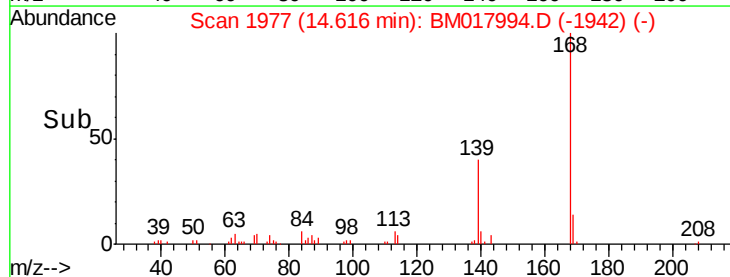
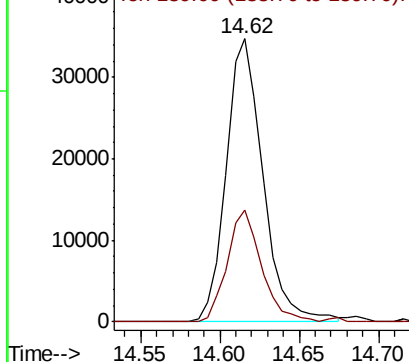
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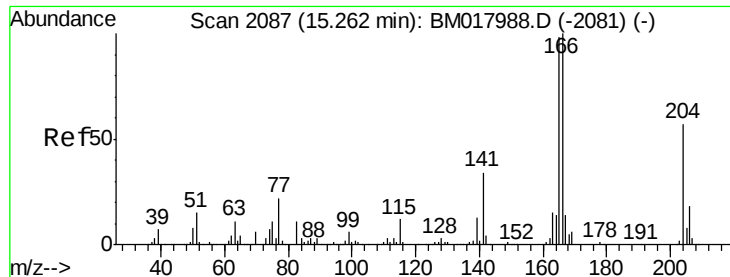
Acq: 07 Dec 2018 10:14

Tgt Ion:	168	Resp:	55899
Ion Ratio	Lower	Upper	
168	100		
139	39.4	30.6	46.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.075 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BM017994.D

Acq: 07 Dec 2018 10:14

Instrument :

BNA_M

ClientSampleId :

F9J04

Tot Ion:166 Resp: 25353

Ion Ratio Lower Upper

166 100

165 87.1 78.0 117.0

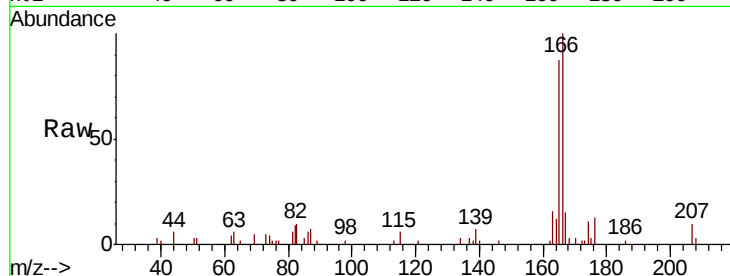
167 15.1 10.8 16.2

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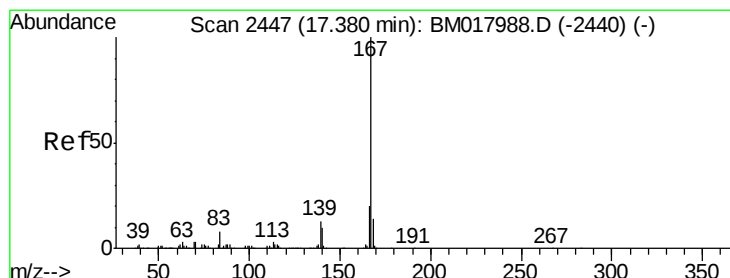
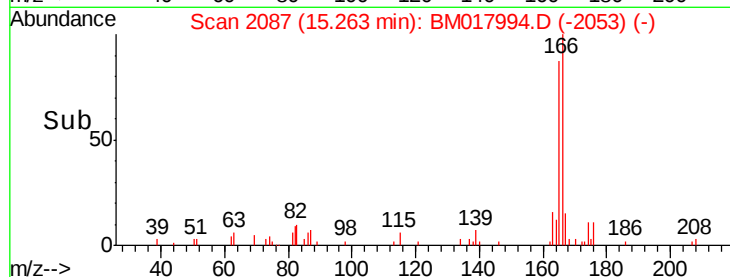
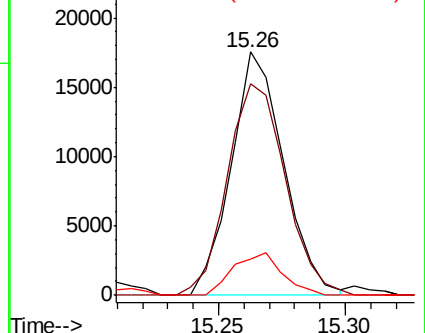
12/11/2018 8:39:56 AM



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



#74

Carbazole

Concen: 7.439 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM017994.D

Acq: 07 Dec 2018 10:14

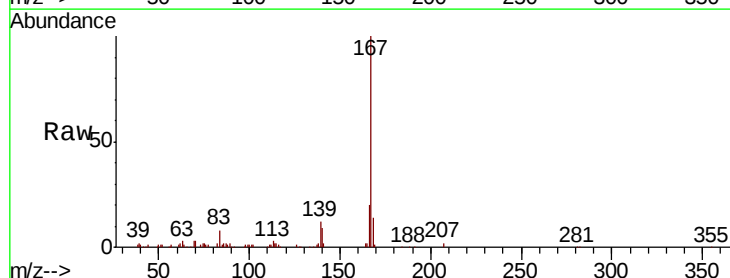
Tgt Ion:167 Resp: 231707

Ion Ratio Lower Upper

167 100

166 20.4 17.0 25.4

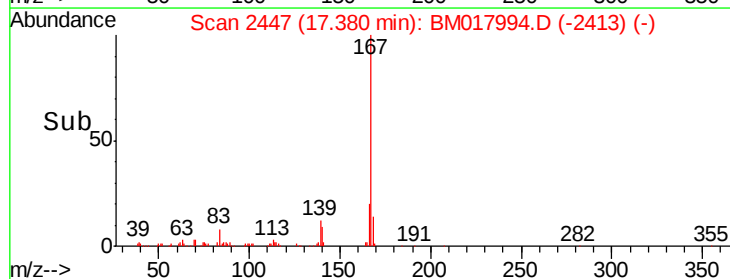
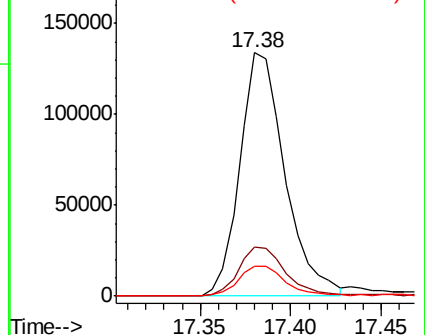
139 12.1 10.5 15.7

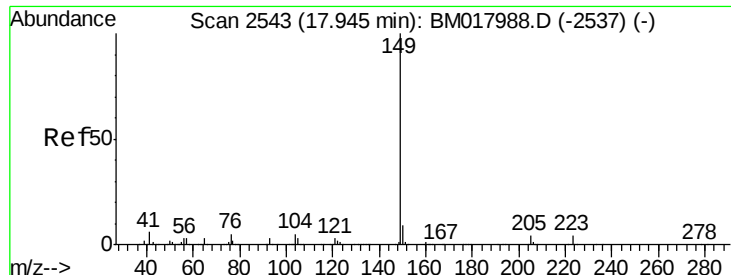


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75
 Di-n-butylphthalate
 Concen: 2.722 ng/ul
 RT: 17.94 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM017994.D
 Acq: 07 Dec 2018 10:14

Instrument :
 BNA_M
 ClientSampleId :
 F9J04

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.7	4.2	6.4

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