

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019720.D
 Acq On : 03 Apr 2019 08:45
 Operator : JU/SJ
 Sample : K2168-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BF641

Manual Integrations
 APPROVED

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 4/4/2019 5:42:48 PM

Quant Time: Apr 03 09:43:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 03 07:04:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	179375	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	842981	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	525506	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	1142760	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1182483	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1099569	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	20193	4.41	ng/uL	0.00
5) Phenol-d5	6.75	99	252273	15.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	207727	19.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	209528	17.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	104065	8.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	158835m	26.41	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	135650	20.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	192048	15.21	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	185401	12.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	883707	20.84	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	1016989	19.18	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	102910	15.48	ng/ul	0.00
58) Fluorene-d10	15.23	176	783834	21.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	141020	18.66	ng/ul	0.00
71) Anthracene-d10	17.09	188	1184332	21.60	ng/ul	0.00
79) Pyrene-d10	19.40	212	1233537	22.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1103815	18.94	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	2857981	65.445	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	4271463	139.592	ng/ul	100
45) Dimethylphthalate	13.70	163	214924	5.052	ng/ul	99
50) Acenaphthene	14.30	153	96402m	2.605	ng/ul	
59) Fluorene	15.29	166	251125	6.131	ng/ul#	94
70) Phenanthrene	17.03	178	499337	7.707	ng/ul	97

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

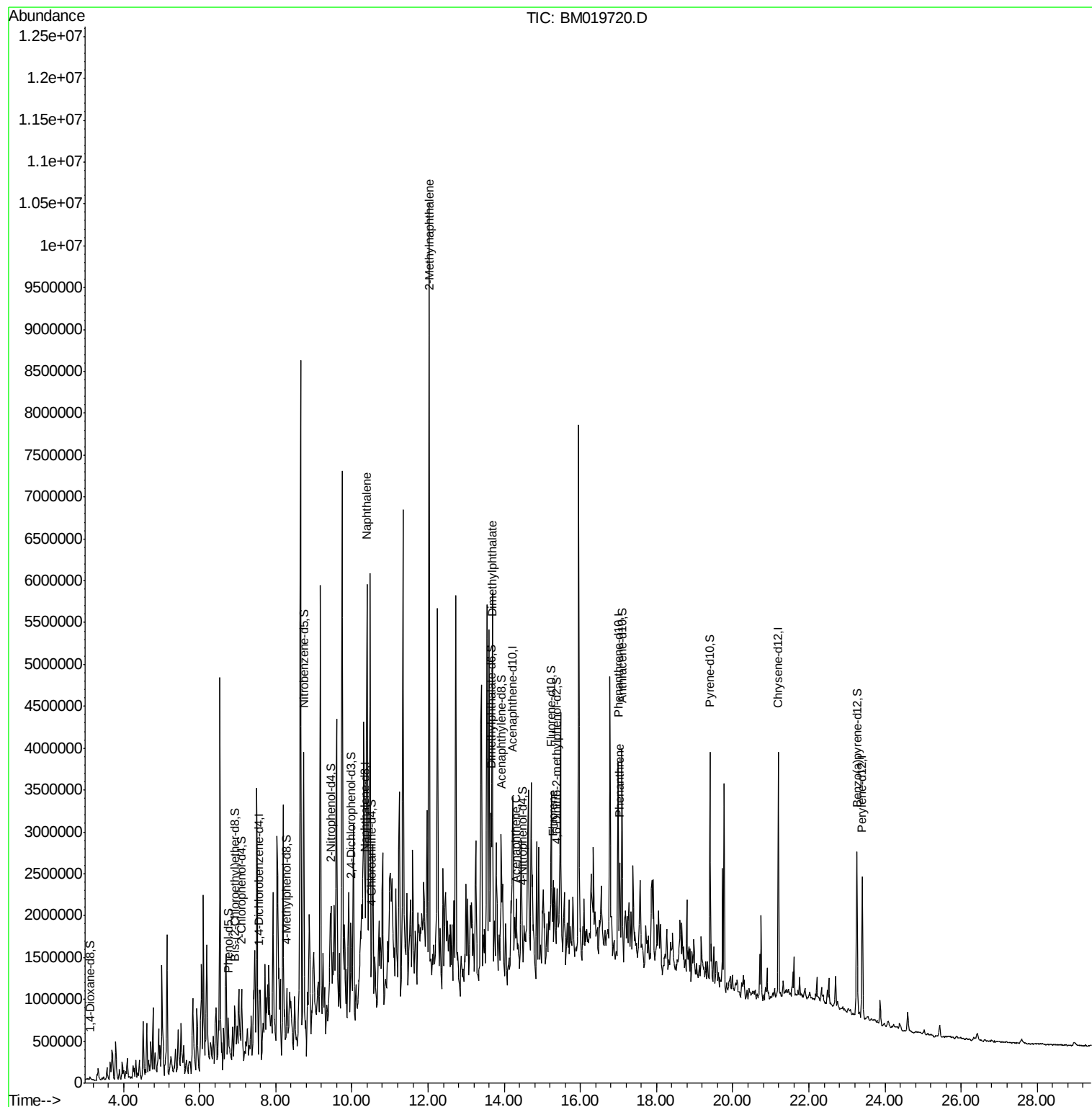
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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ALS Vial : 29 Sample Multiplier: 1

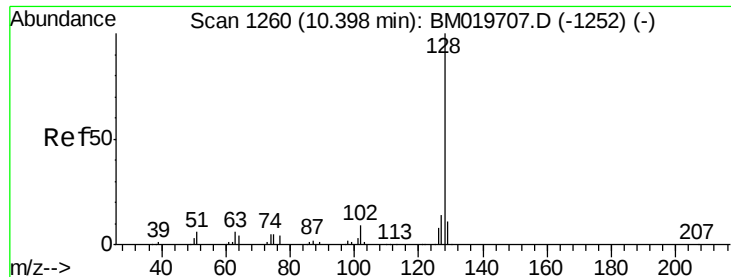
Instrument :
BNA_M
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#28

Naphthalene

Concen: 65.445 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM019720.D

Acq: 03 Apr 2019 08:45

Instrument :

BNA_M

ClientSampleId :

BF641

Tgt Ion:128 Resp: 2857981

Ion Ratio Lower Upper

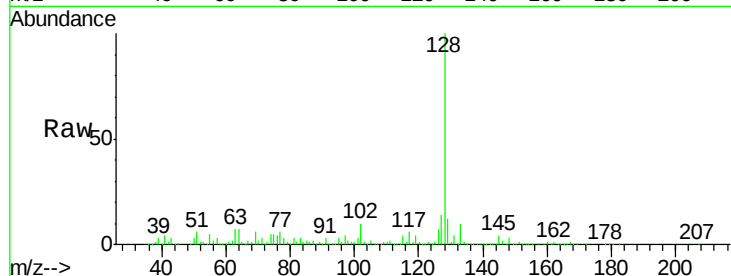
128 100

129 11.7 8.3 12.5

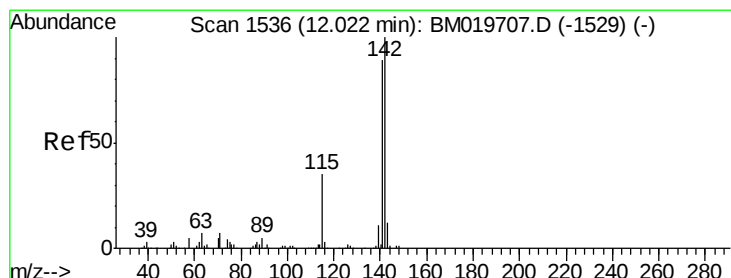
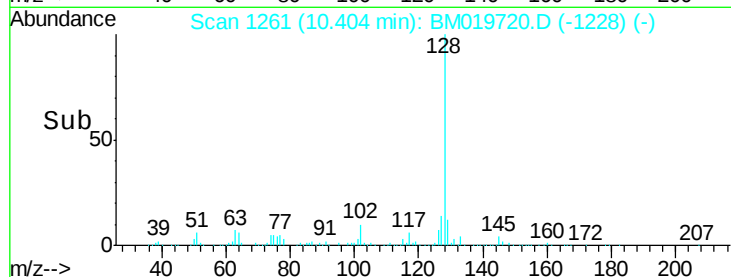
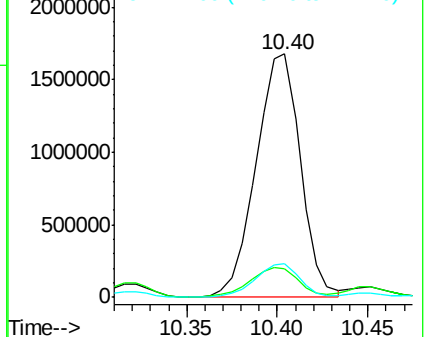
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 139.592 ng/ul

RT: 12.03 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM019720.D

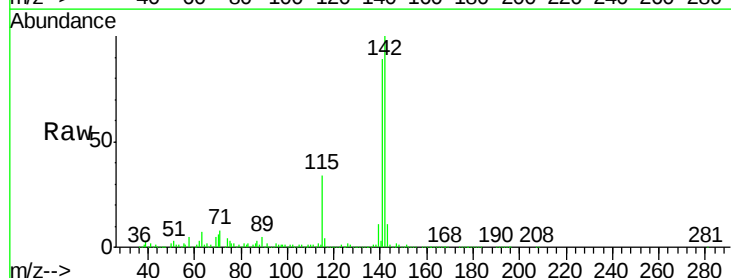
Acq: 03 Apr 2019 08:45

Tgt Ion:142 Resp: 4271463

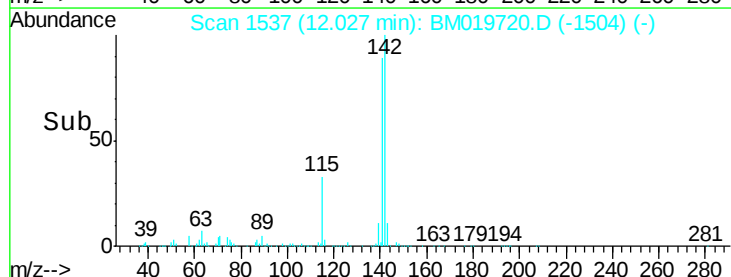
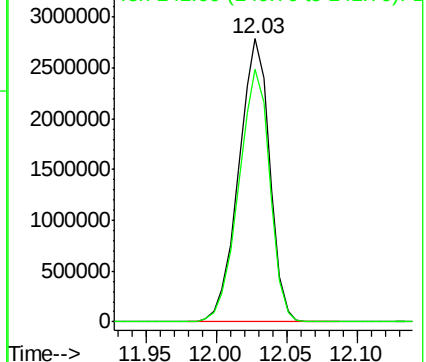
Ion Ratio Lower Upper

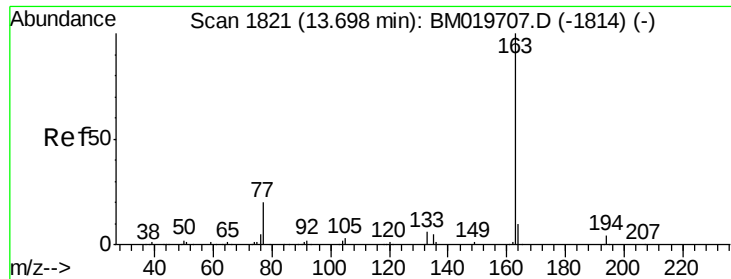
142 100

141 89.3 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





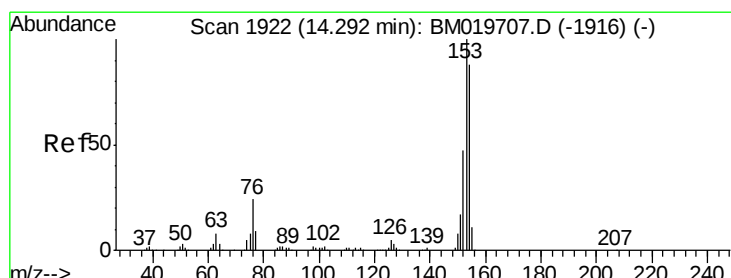
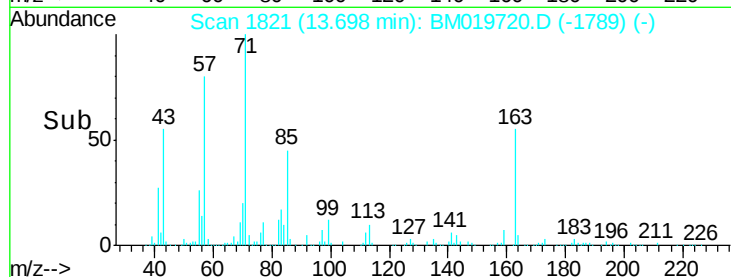
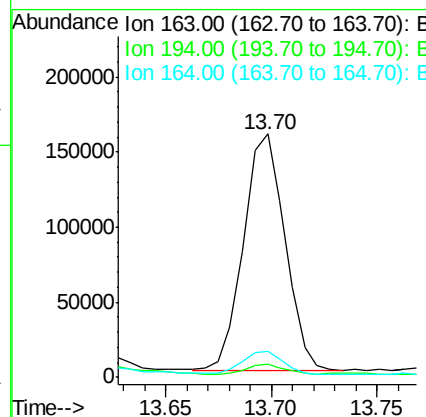
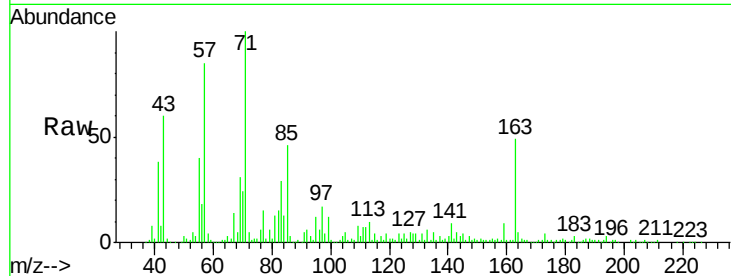
#45
Dimethylphthalate
Concen: 5.052 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM019720.D
Acq: 03 Apr 2019 08:45

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	214924		
194	5.4	4.0	6.0	
164	10.9	8.4	12.6	

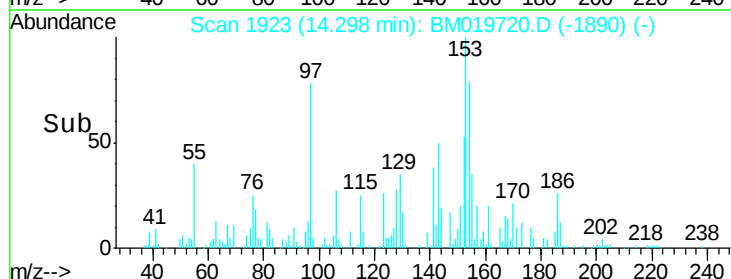
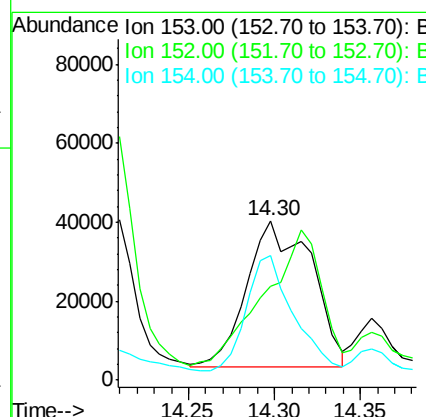
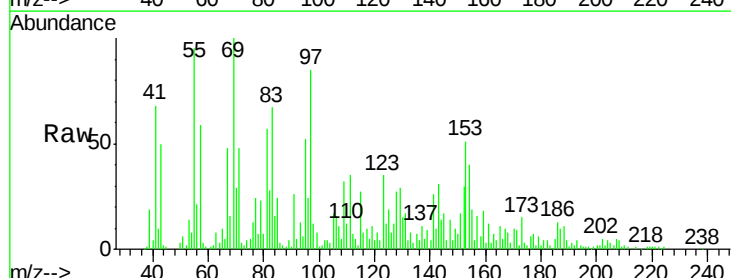
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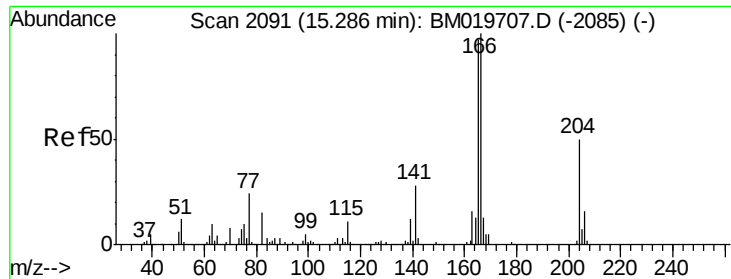
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#50
Acenaphthene
Concen: 2.605 ng/ul m
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM019720.D
Acq: 03 Apr 2019 08:45

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	96402		
152	58.9	37.9	56.9#	
154	78.3	69.8	104.6	





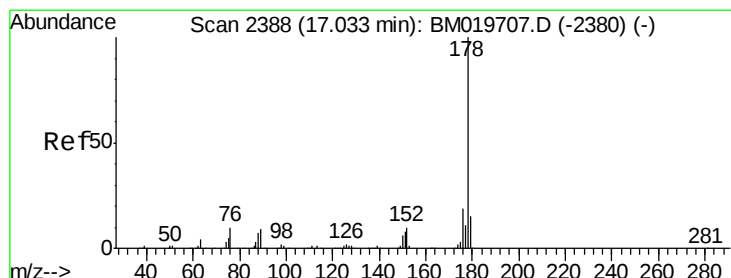
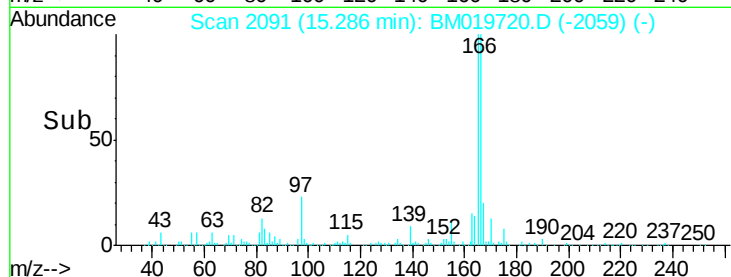
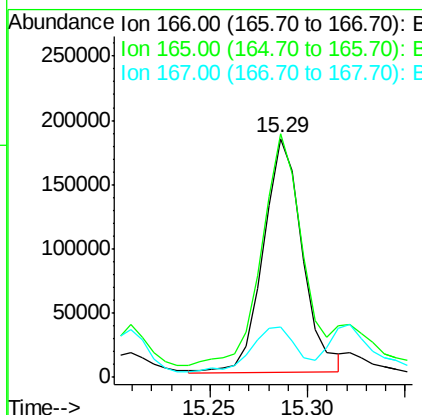
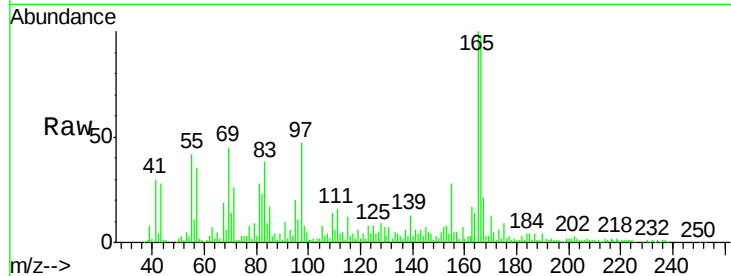
#59
Fluorene
 Concen: 6.131 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BM019720.D
 Acq: 03 Apr 2019 08:45

Instrument :
 BNA_M
 ClientSampled :
 BF641

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	251125		
165	101.9	78.4	117.6	
167	21.1	11.1	16.7#	

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#70
Phenanthrene
 Concen: 7.707 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BM019720.D
 Acq: 03 Apr 2019 08:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	499337		
179	18.0	12.3	18.5	
176	19.3	15.4	23.0	

