

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018040.D
 Acq On : 11 Dec 2018 00:44
 Operator : JU/SJ
 Sample : J6077-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y30

Manual Integrations
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Quant Time: Dec 11 07:07:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 11 06:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	211741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	925993	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	517660	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	1098009	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	898094	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	833987	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20930	4.52	ng/uL	0.00
5) Phenol-d5	6.74	99	427266	22.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	248170	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	365384	24.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	329265	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	175389	24.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	202030	24.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	360239	23.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	234182	17.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	1112960	24.78	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1400947	25.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	132073m	16.17	ng/ul	0.01
57) Fluorene-d10	15.20	176	971361	25.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	147564	18.80	ng/ul	0.00
70) Anthracene-d10	17.06	188	1426573	26.10	ng/ul	0.00
78) Pyrene-d10	19.36	212	1443935	33.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.20	264	1191290	26.34	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.77	94	100500	5.207	ng/ul	91
34) 2-Methylnaphthalene	11.99	142	91386	2.537	ng/ul	96
44) Dimethylphthalate	13.67	163	144937	3.331	ng/ul	98
69) Phenanthrene	17.00	178	221316	3.525	ng/ul	98
76) Fluoranthene	19.03	202	74177	1.004	ng/ul	97
79) Pyrene	19.39	202	208145	3.818	ng/ul	99
84) Chrysene	21.20	228	110500	2.121	ng/ul#	94
87) Benzo(b)fluoranthene	22.70	252	70025m	1.351	ng/ul	
93) Benzo(a,h,i)perylene	26.14	276	66851	1.588	ng/ul	95

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

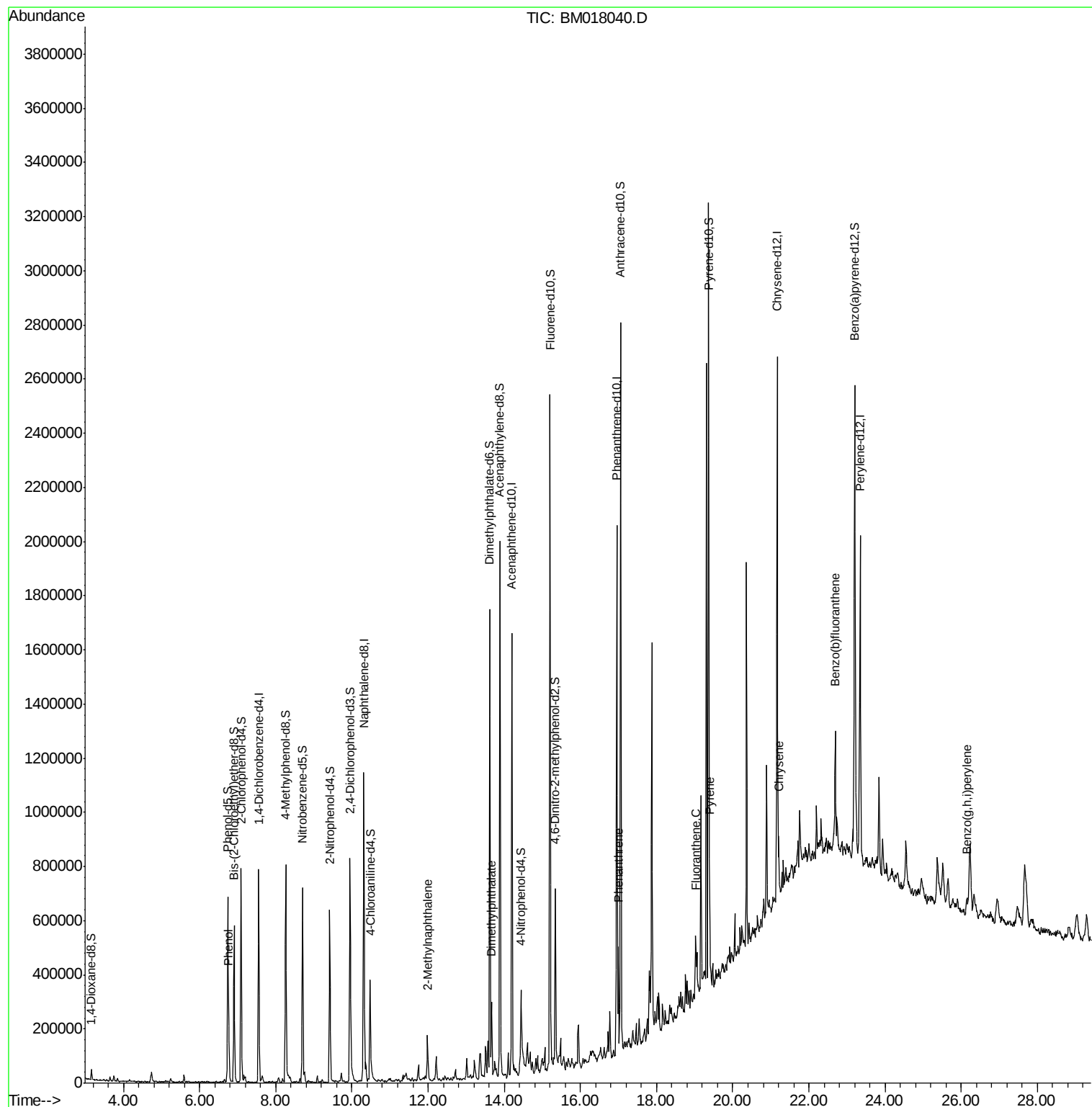
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
Data File : BM018040.D
Acq On : 11 Dec 2018 00:44
Operator : JU/SJ
Sample : J6077-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

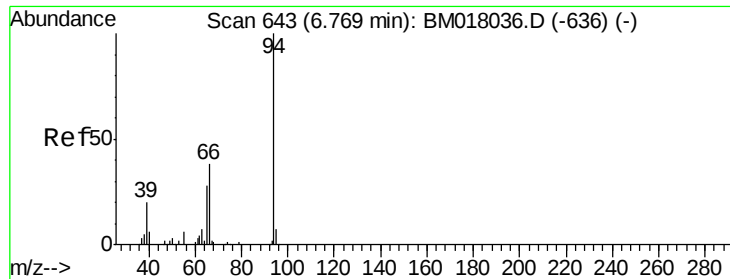
Instrument :
BNA_M
ClientSampleId :
F9Y30

Quant Time: Dec 11 07:07:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 5.207 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM018040.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_M

ClientSampleId :

F9Y30

Tot Ion: 94 Resp: 100500

Ion Ratio Lower Upper

94 100

65 26.5 24.7 37.1

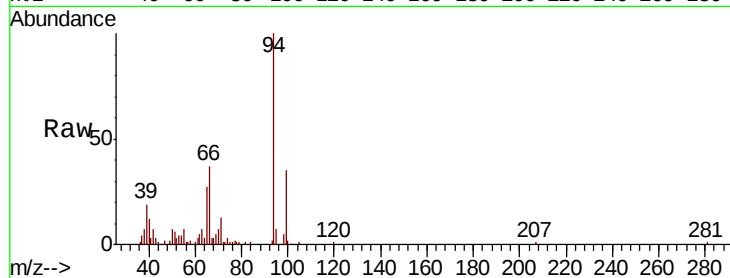
66 37.4 34.6 51.8

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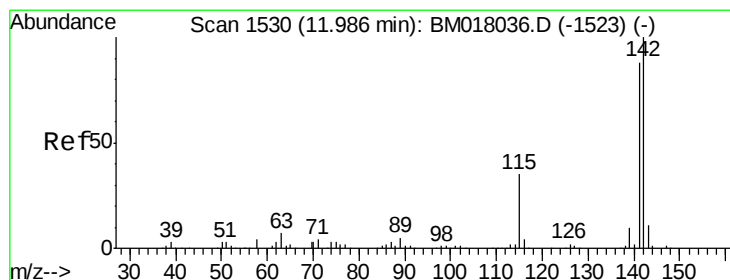
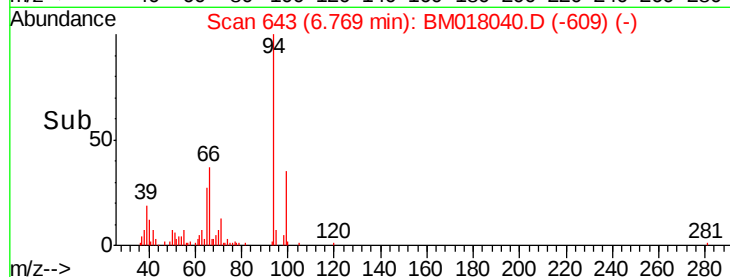
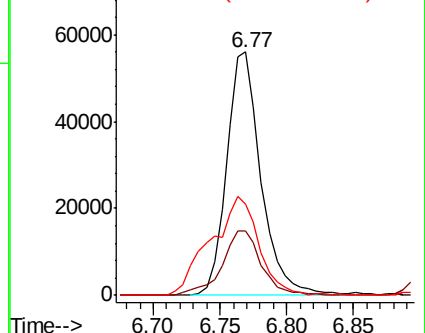
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Abundance Ion 94.00 (93.70 to 94.70): BM018036.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018036.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018036.D (-636) (-)



#34

2-Methylnaphthalene

Concen: 2.537 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM018040.D

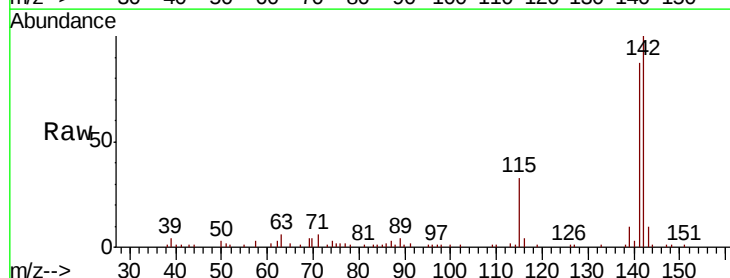
Acq: 11 Dec 2018 00:44

Tgt Ion: 142 Resp: 91386

Ion Ratio Lower Upper

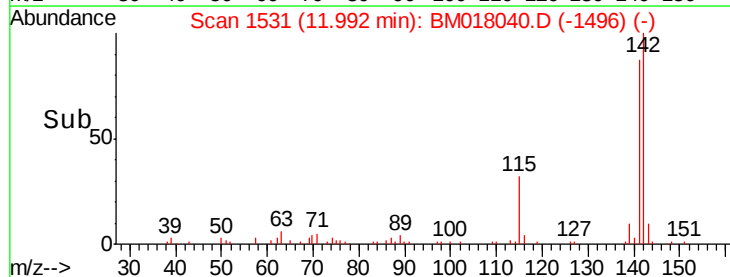
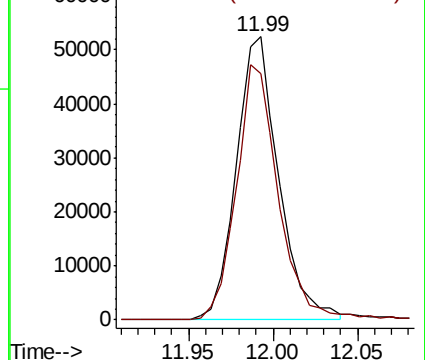
142 100

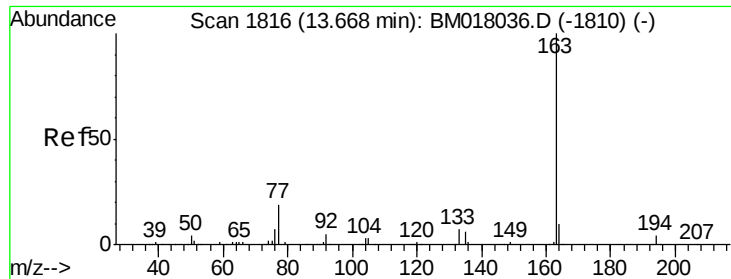
141 87.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): BM018036.D (-1523) (-)

Ion 141.00 (140.70 to 141.70): BM018036.D (-1523) (-)





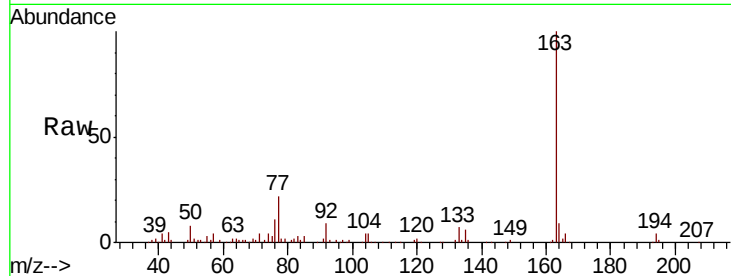
#44
Dimethylphthalate
Concen: 3.331 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM018040.D
Acq: 11 Dec 2018 00:44

Instrument :
BNA_M
ClientSampled :
F9Y30

Tot Ion	Ratio	Resp	Lower	Upper
163	100	144937		
194	4.4		3.4	5.0
164	8.9		8.1	12.1

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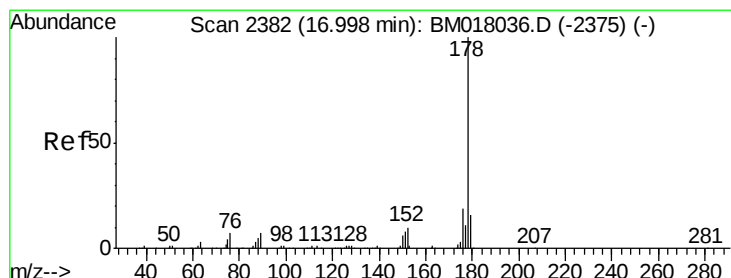
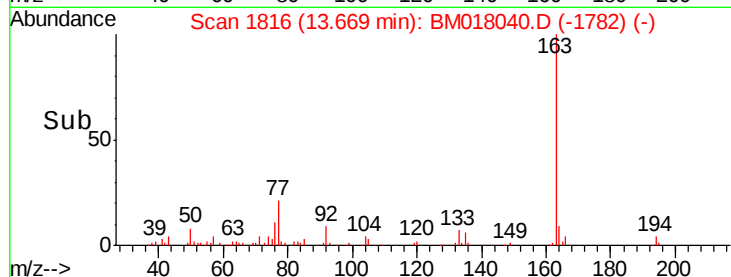
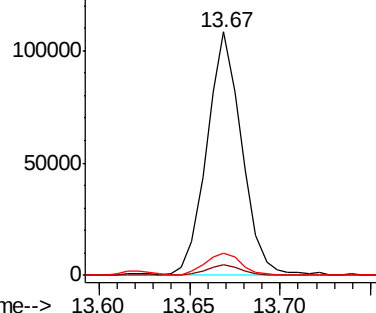


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.525 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM018040.D
Acq: 11 Dec 2018 00:44

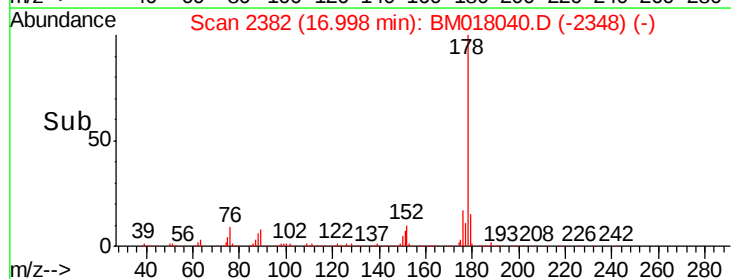
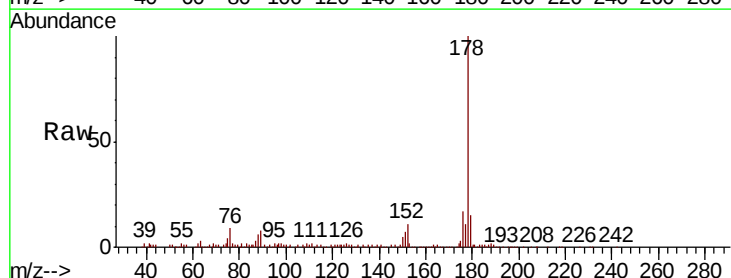
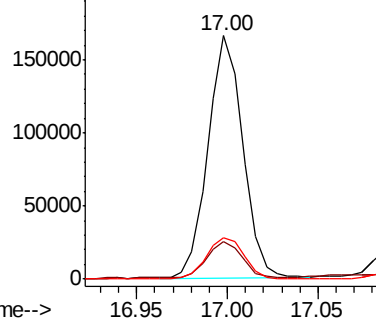
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	221316		
179	15.2		11.8	17.8
176	17.2		15.0	22.6

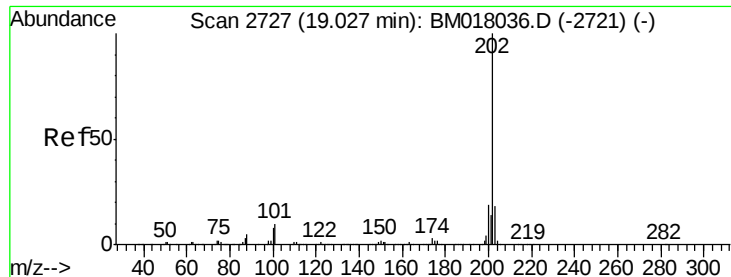
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.004 ng/ul

RT: 19.03 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BM018040.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_M

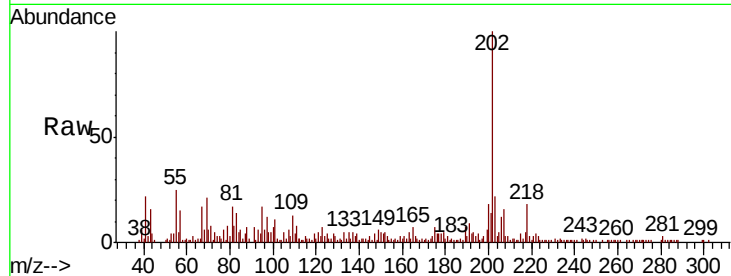
ClientSampled :

F9Y30

Tot Ion:	202	Resp:	74177
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.4	12.6
100	6.9	6.6	9.8

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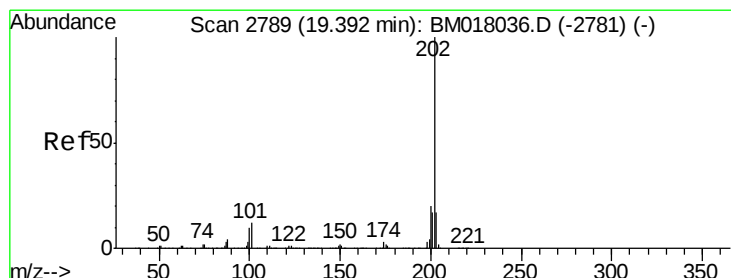
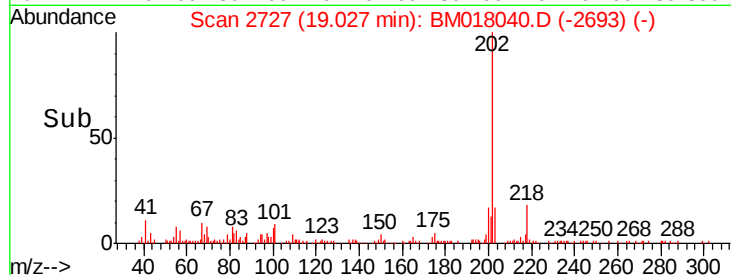
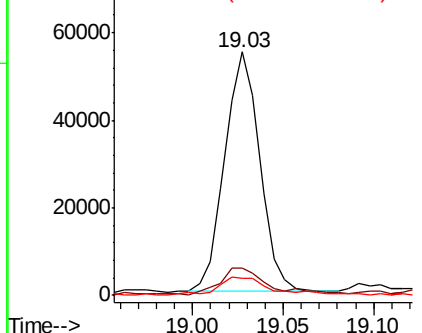
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 3.818 ng/ul

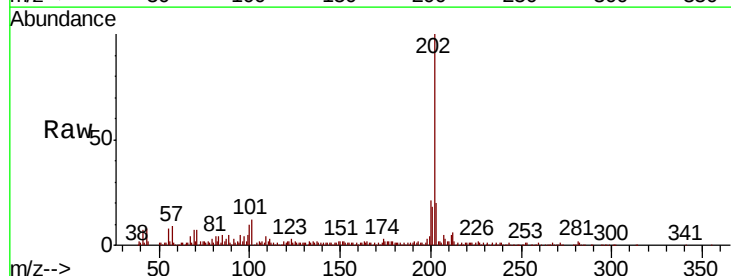
RT: 19.39 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM018040.D

Acq: 11 Dec 2018 00:44

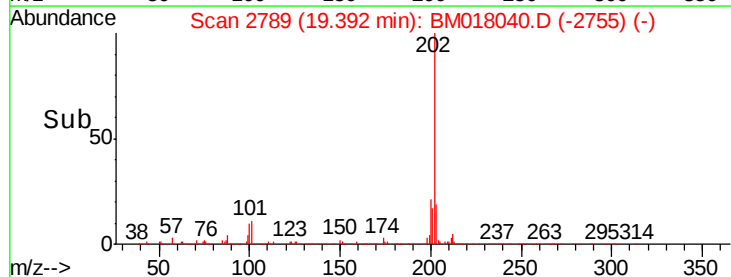
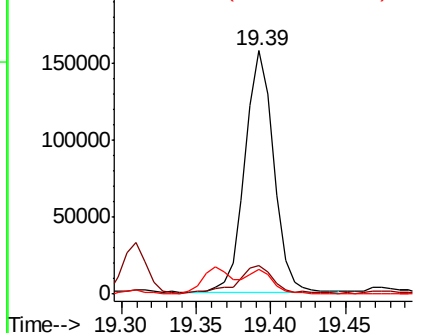
Tgt Ion:	202	Resp:	208145
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.6	14.4
100	10.2	7.9	11.9

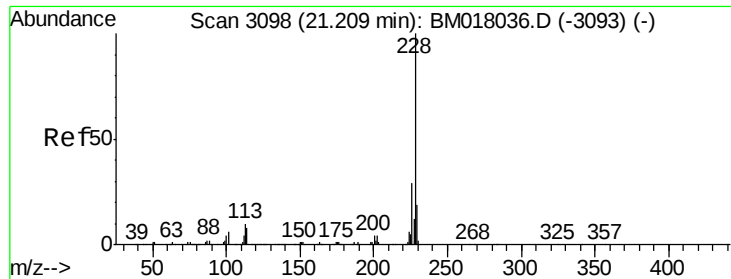


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





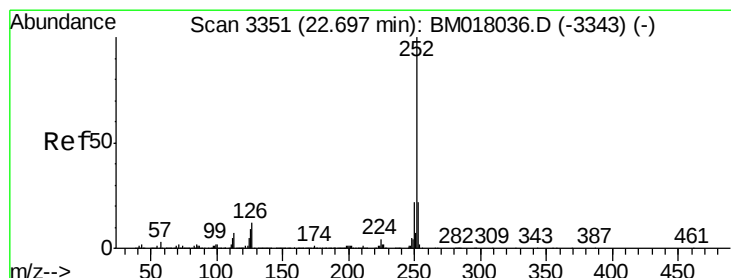
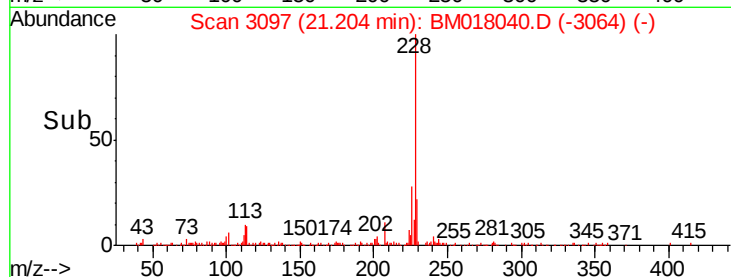
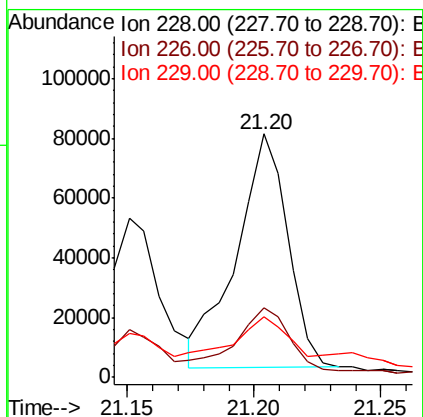
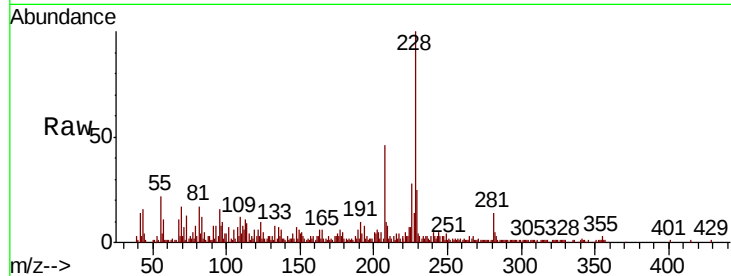
#84
Chrysene
Concen: 2.121 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018040.D
Acq: 11 Dec 2018 00:44

Instrument :
BNA_M
ClientSampled :
F9Y30

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.7	35.5
229	25.1	15.8	23.8

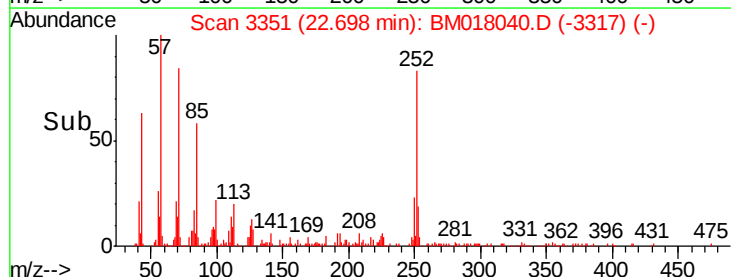
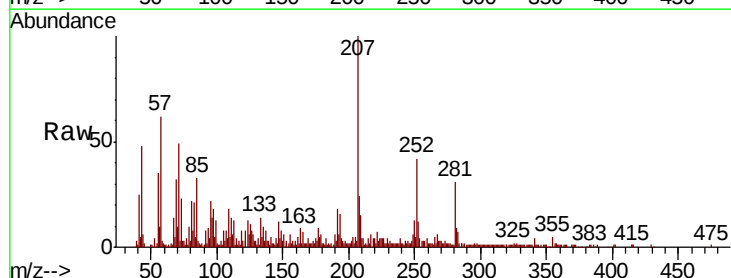
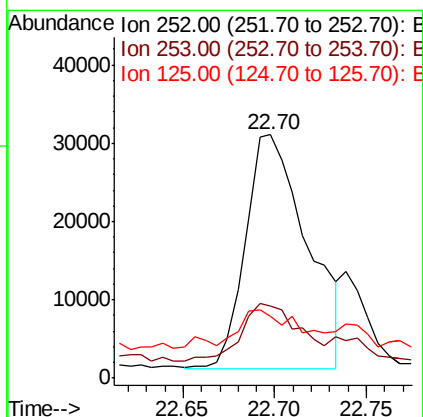
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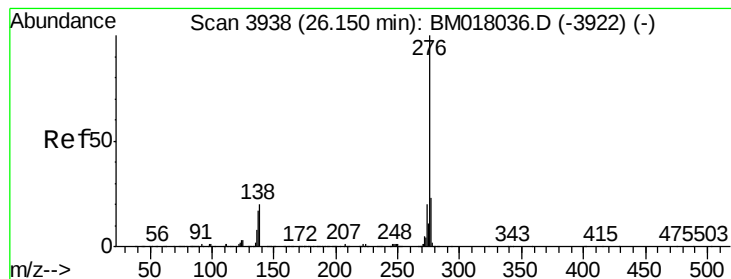
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#87
Benzo(b)fluoranthene
Concen: 1.351 ng/ul m
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM018040.D
Acq: 11 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.0	25.4
125	25.3	7.3	10.9





#93

Benzo(a,h,i)perylene

Concen: 1.588 ng/ul

RT: 26.14 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BM018040.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_M

ClientSampleId :

F9Y30

Tot Ion:	276	Resp:	66851
Ion Ratio	Lower	Upper	
276	100		
138	21.6	15.8	23.6
277	26.3	18.6	27.8

Manual Integrations
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