

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021528.D
 Acq On : 18 Jul 2019 17:53
 Operator : HP/JU
 Sample : K3822-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Manual Integrations
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Quant Time: Jul 19 01:41:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	168473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	657479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	379894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	861681	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	841751	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	980500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	5864	1.71	ng/uL	0.00
5) Phenol-d5	6.89	99	113988	8.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	228794	29.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	292031	25.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	197388	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	170022	31.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	190774	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	357405	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	34843	3.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1096821	32.97	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1265255	30.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	34328	6.51	ng/ul	0.00
57) Fluorene-d10	15.36	176	940914	31.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	138730	23.95	ng/ul	0.00
70) Anthracene-d10	17.21	188	1457588	32.57	ng/ul	0.00
78) Pyrene-d10	19.51	212	1631825	35.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	1840072	32.63	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.92	94	40052	3.194	ng/ul 98
28) Naphthalene	10.56	128	27326291m	798.620	ng/ul
34) 2-Methylnaphthalene	12.17	142	3160189	125.296	ng/ul 99
40) 1,1'-Biphenyl	13.19	154	1178266	37.057	ng/ul 99
44) Dimethylphthalate	13.83	163	146799	4.738	ng/ul 99
47) Acenaphthylene	14.08	152	193535	5.325	ng/ul# 91
49) Acenaphthene	14.43	153	4045125	153.171	ng/ul 100
53) Dibenzofuran	14.76	168	3761043	98.311	ng/ul 98
58) Fluorene	15.42	166	2719827	87.875	ng/ul 99
69) Phenanthrene	17.16	178	3407102	70.124	ng/ul 100
71) Anthracene	17.24	178	275471	5.571	ng/ul 98
74) Carbazole	17.53	167	2593820	63.193	ng/ul 99
76) Fluoranthene	19.17	202	584950	10.139	ng/ul 99
79) Pyrene	19.54	202	340856	6.119	ng/ul 99

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

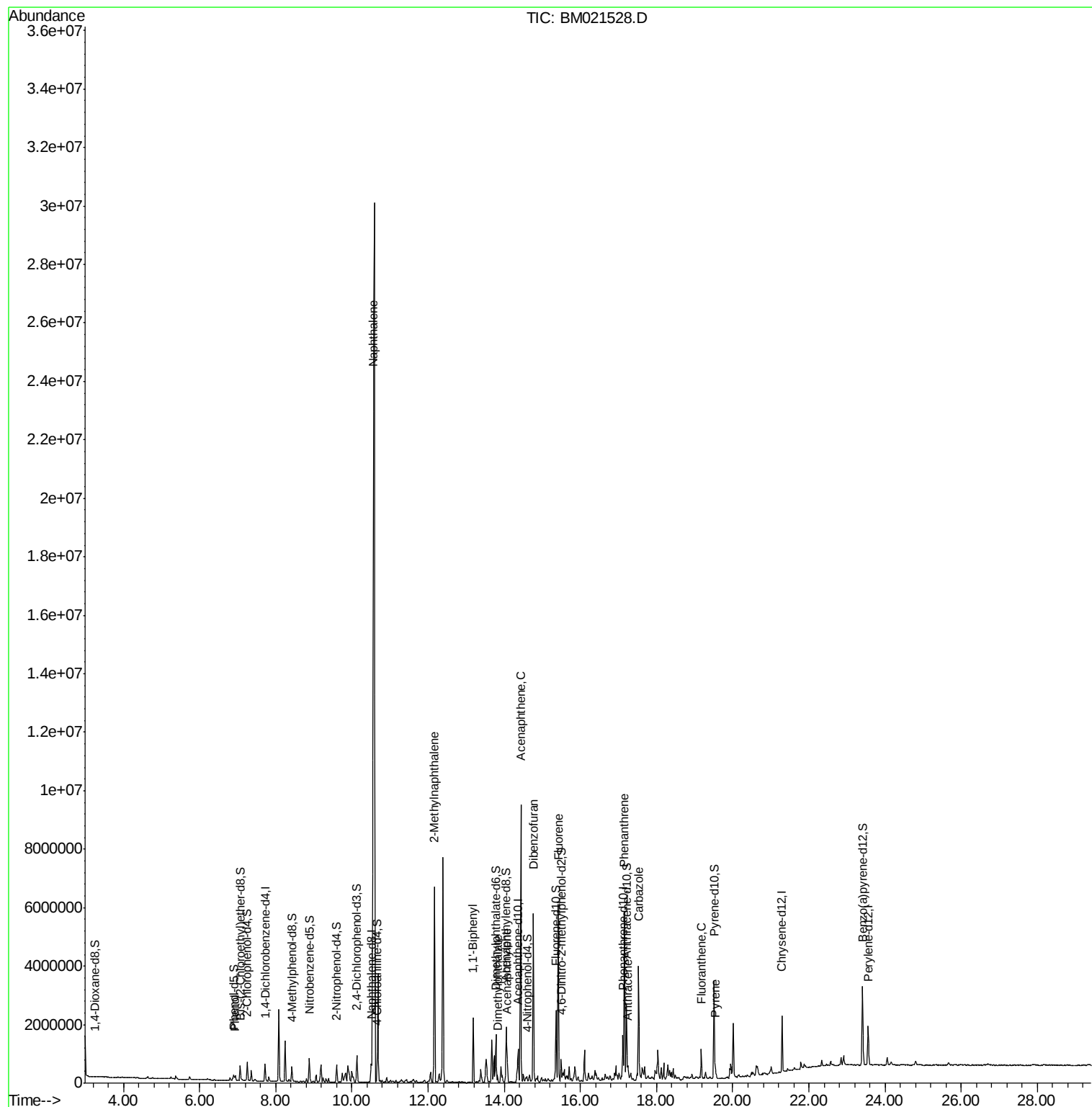
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021528.D
Acq On : 18 Jul 2019 17:53
Operator : HP/JU
Sample : K3822-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

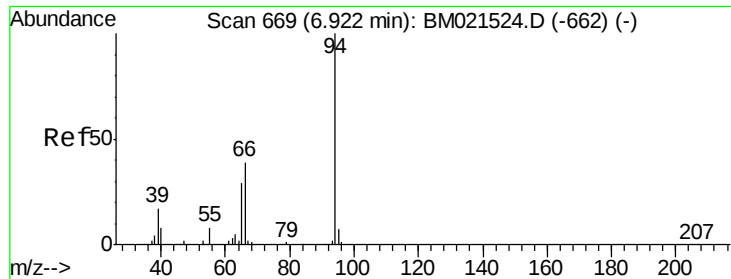
Instrument :
BNA_M
ClientSampleId :
BF4B0

Quant Time: Jul 19 01:41:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 3.194 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

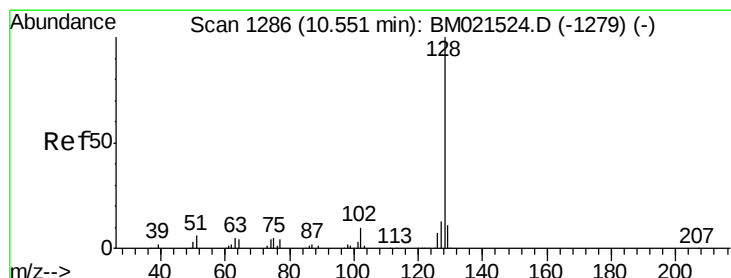
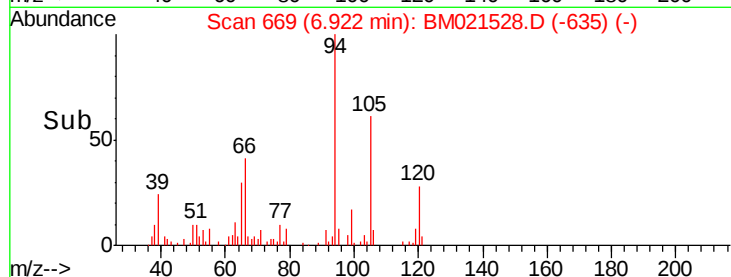
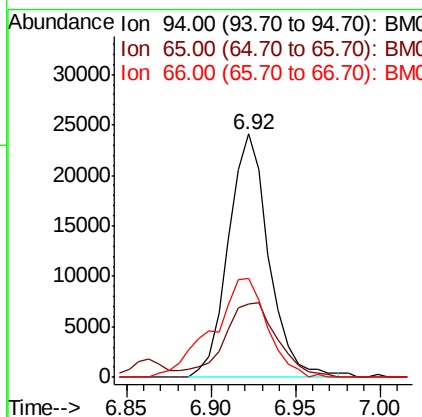
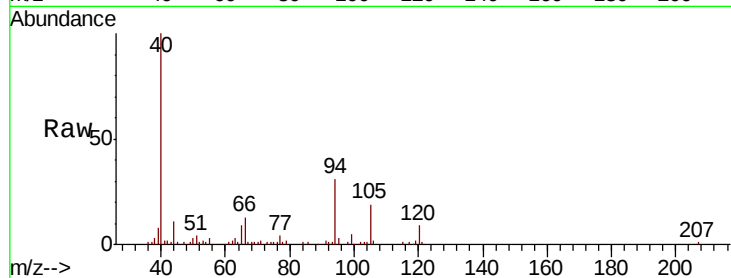
ClientSampleId :

BF4B0

Tot Ion:	94	Resp:	40052
Ion	Ratio	Lower	Upper
94	100		
65	30.2	23.0	34.6
66	40.6	31.6	47.4

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#28

Naphthalene

Concen: 798.620 ng/ul m

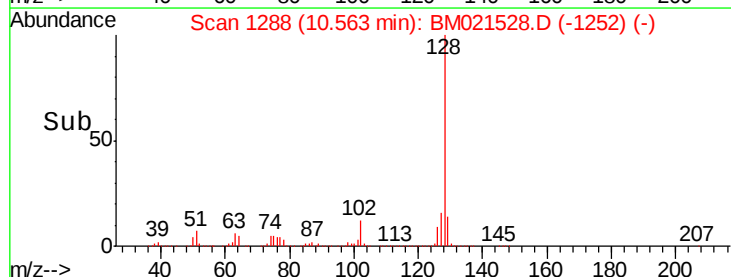
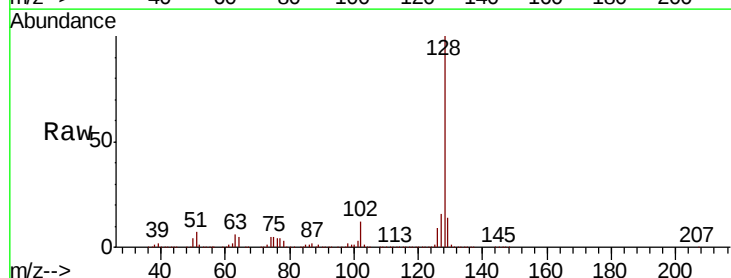
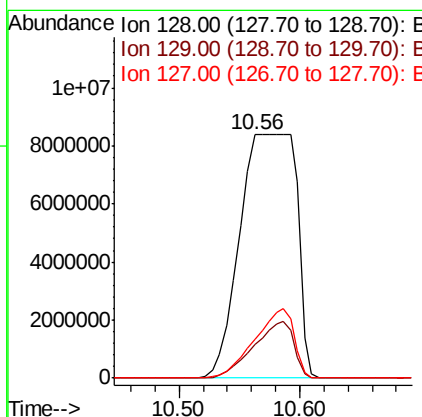
RT: 10.56 min Scan# 1288

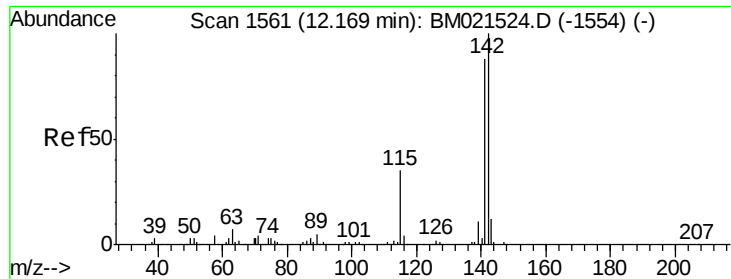
Delta R.T. 0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Tgt Ion:	128	Resp:	27326291
Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.7	13.1#
127	16.0	10.6	16.0#





#34

2-Methylnaphthalene

Concen: 125.296 ng/ul

RT: 12.17 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BF4B0

Tot Ion:142 Resp: 3160189

Ion Ratio Lower Upper

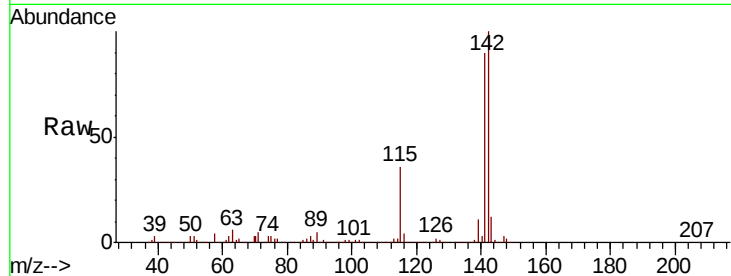
142 100

141 90.1 71.1 106.7

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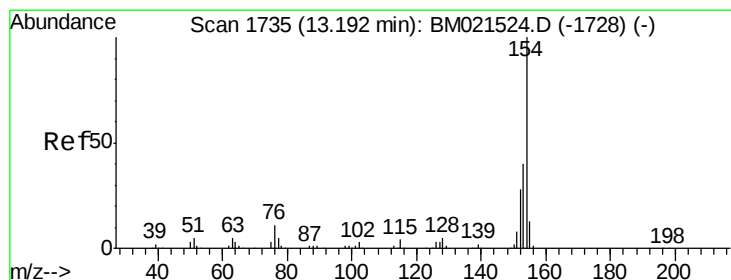
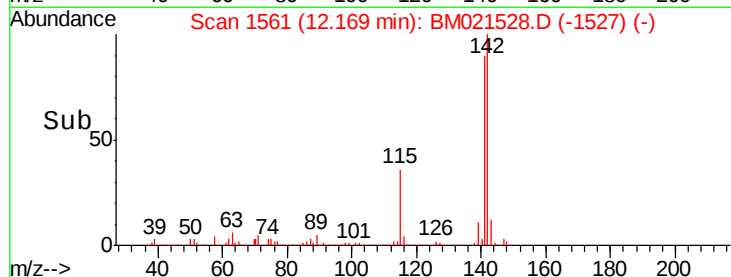
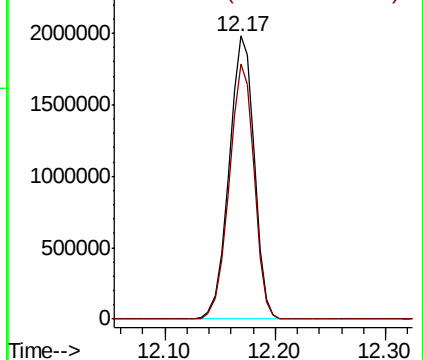
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 37.057 ng/ul

RT: 13.19 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

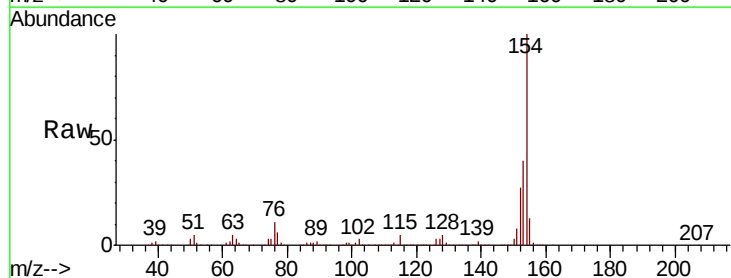
Tgt Ion:154 Resp: 1178266

Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

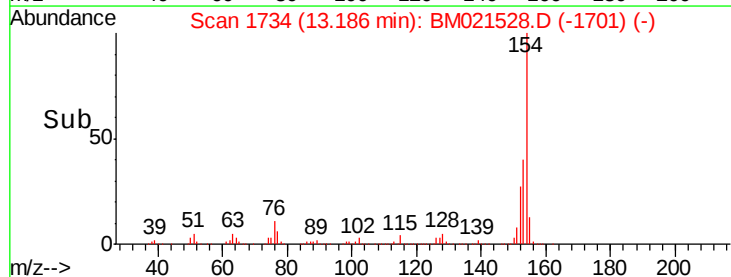
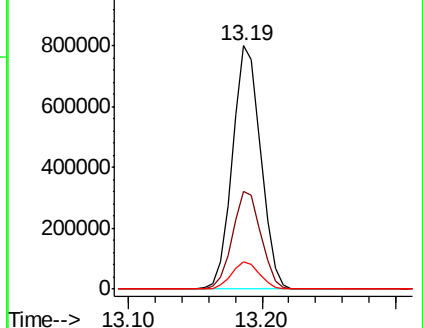
76 11.4 8.5 12.7

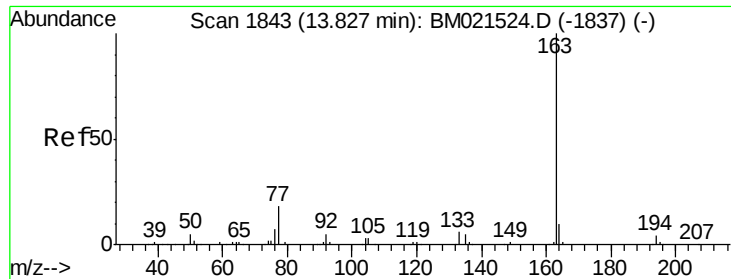


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





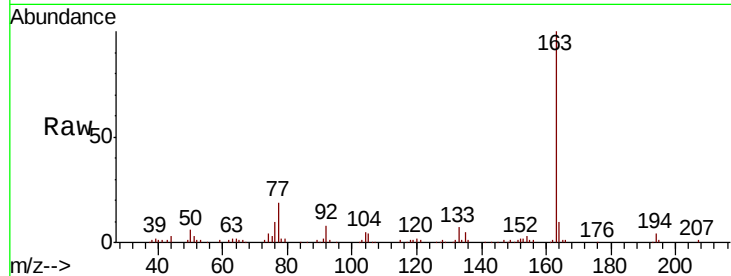
#44
Dimethylphthalate
Concen: 4.738 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

Instrument :
BNA_M
ClientSampled :
BF4B0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.9	8.3	12.5

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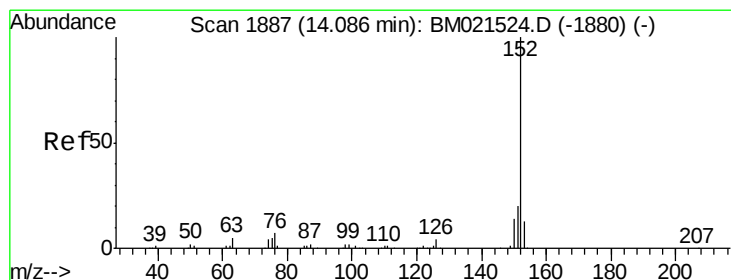
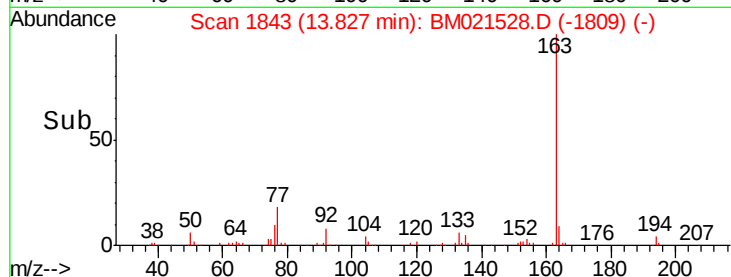
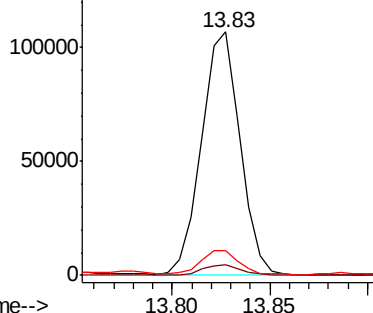


Abundance

Ion 163.00 (162.70 to 163.70): E

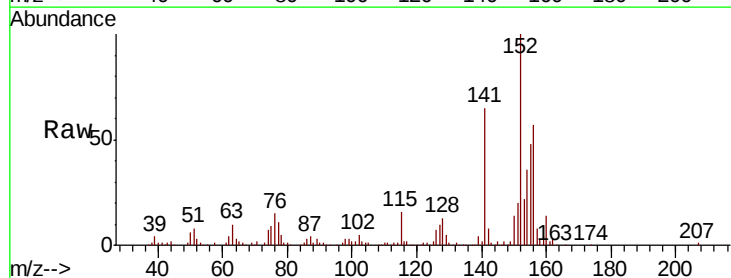
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47
Acenaphthylene
Concen: 5.325 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	21.7	10.6	15.8#

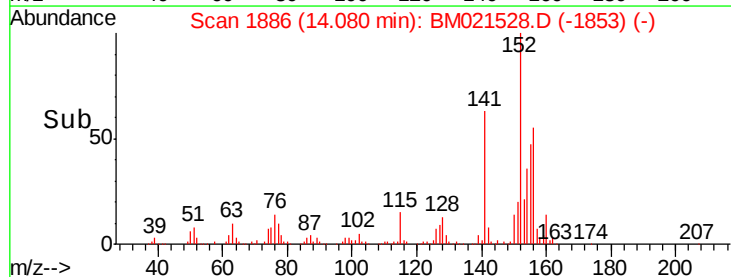
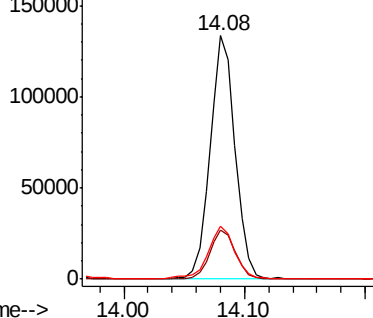


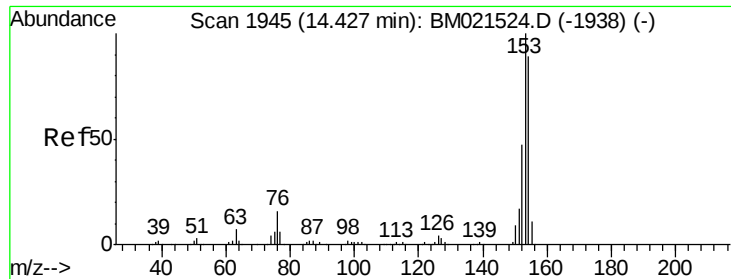
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 153.171 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BF4B0

Tot Ion:153 Resp: 4045125

Ion Ratio Lower Upper

153 100

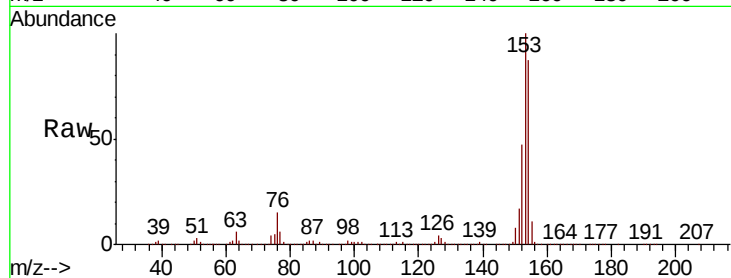
152 47.4 38.2 57.4

154 87.3 70.0 105.0

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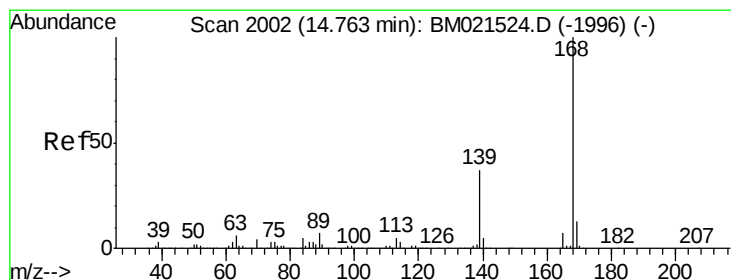
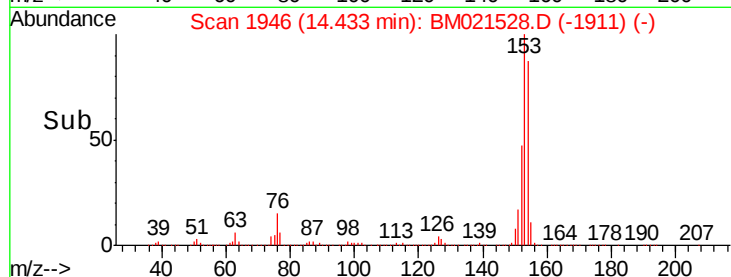
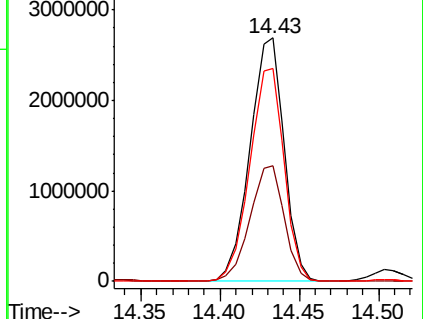
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 98.311 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM021528.D

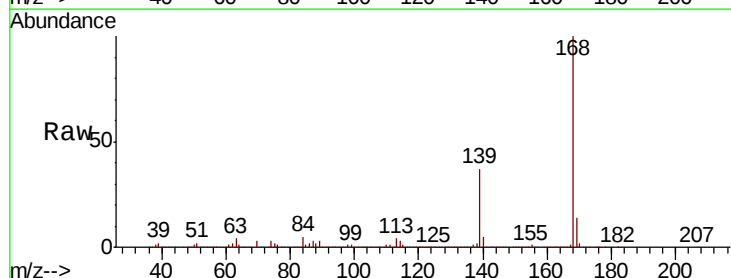
Acq: 18 Jul 2019 17:53

Tgt Ion:168 Resp: 3761043

Ion Ratio Lower Upper

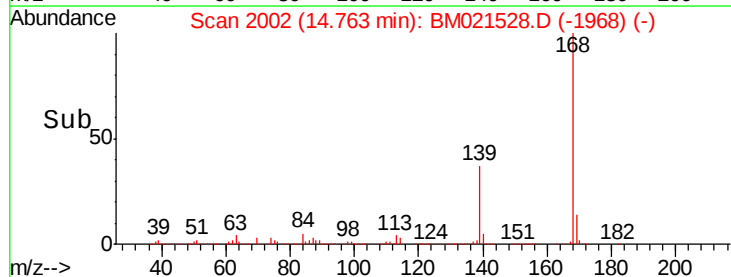
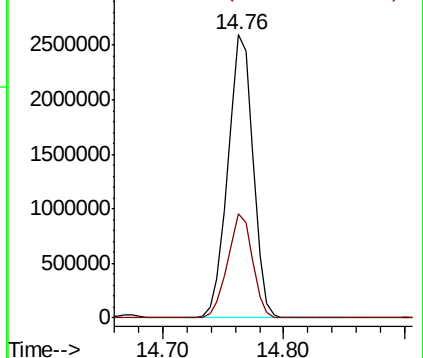
168 100

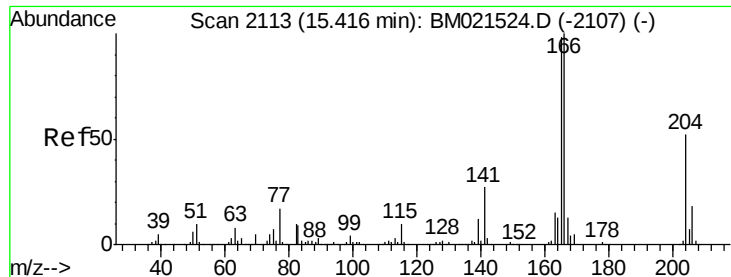
139 36.6 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





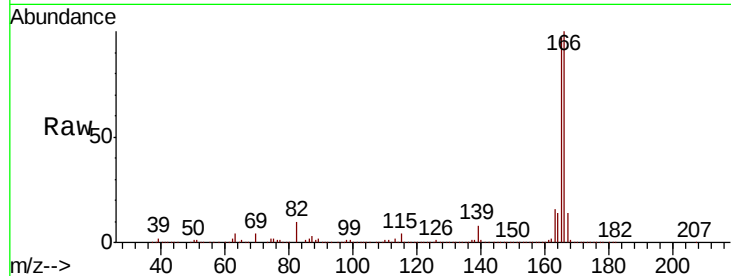
#58
 Fluorene
 Concen: 87.875 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

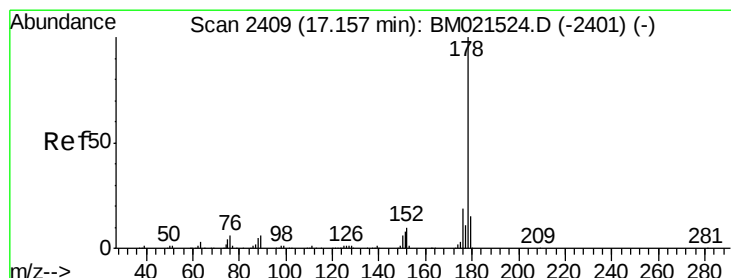
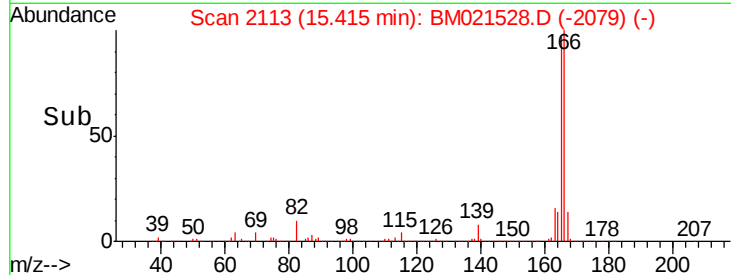
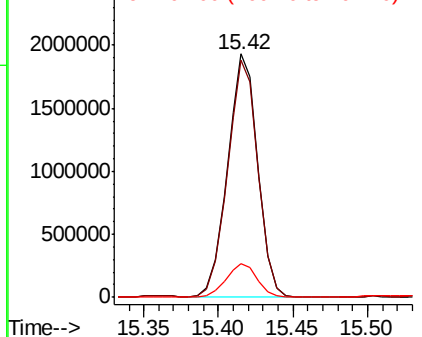
Tot Ion:166 Resp: 2719827
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.6 117.8
 167 14.0 10.7 16.1

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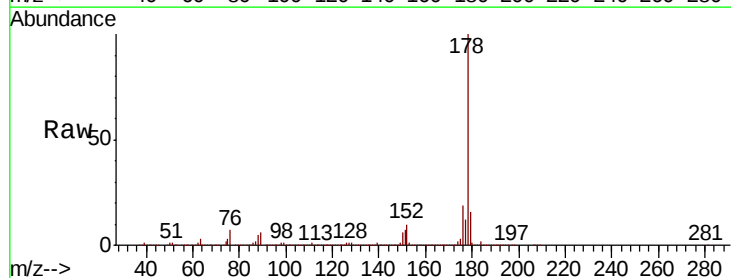


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

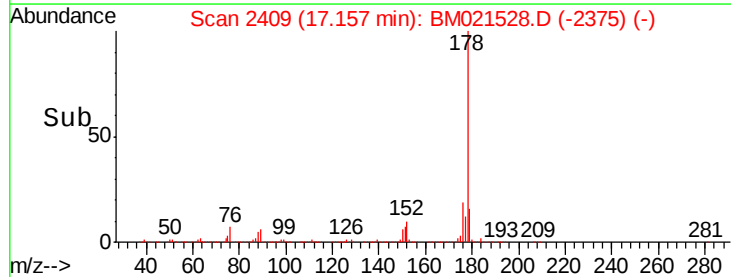
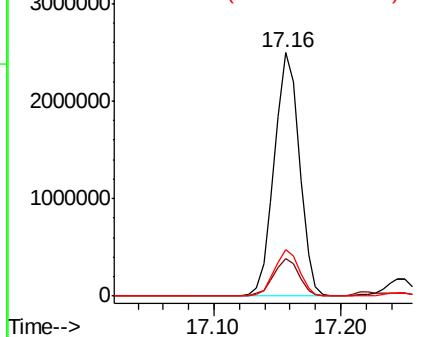


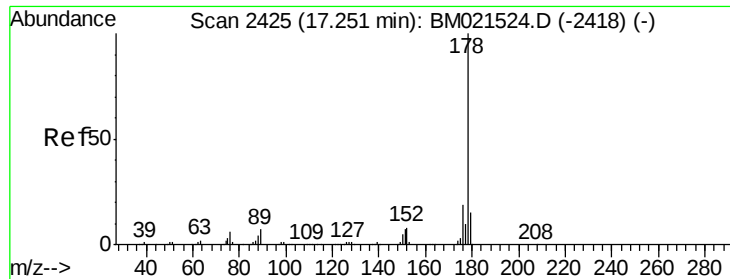
#69
 Phenanthrene
 Concen: 70.124 ng/ul
 RT: 17.16 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Tgt Ion:178 Resp: 3407102
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 19.1 15.4 23.0



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





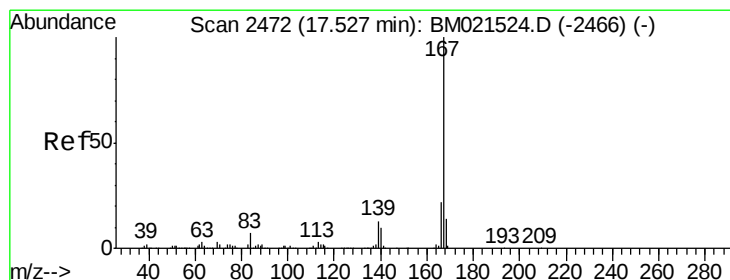
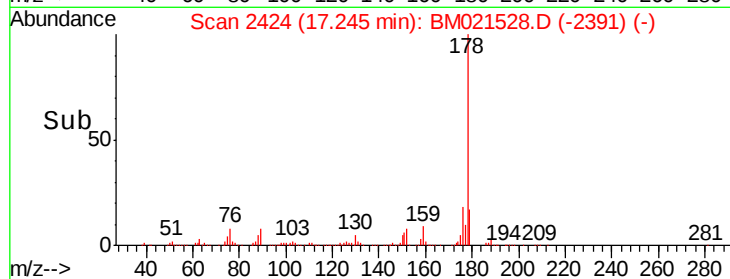
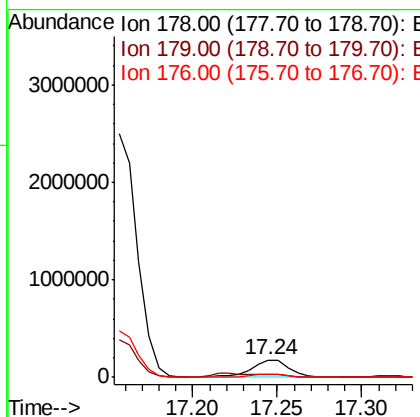
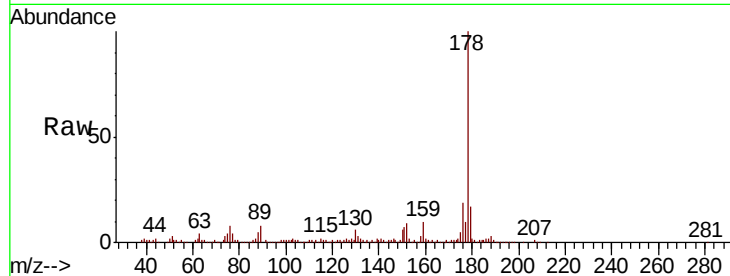
#71
 Anthracene
 Concen: 5.571 ng/ul
 RT: 17.24 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.2
176	18.7	14.9	22.3

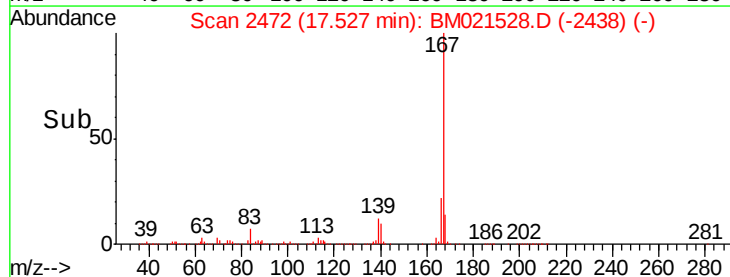
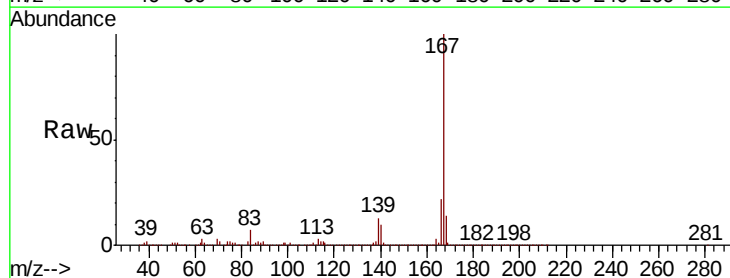
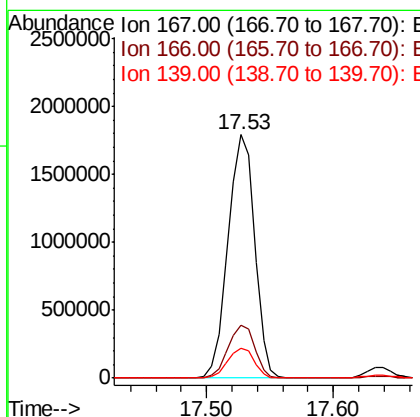
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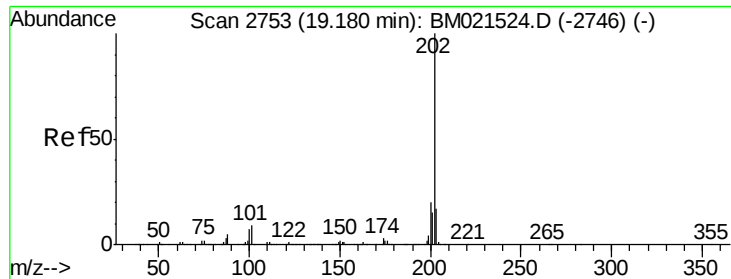
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#74
 Carbazole
 Concen: 63.193 ng/ul
 RT: 17.53 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.5	9.7	14.5





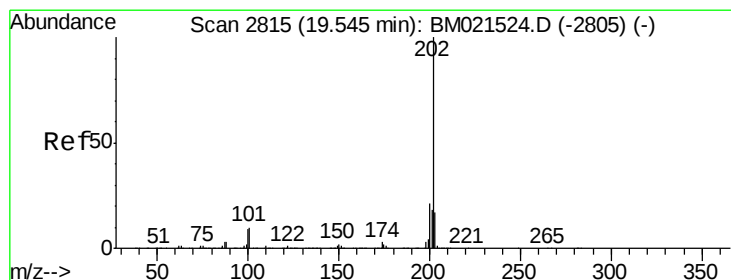
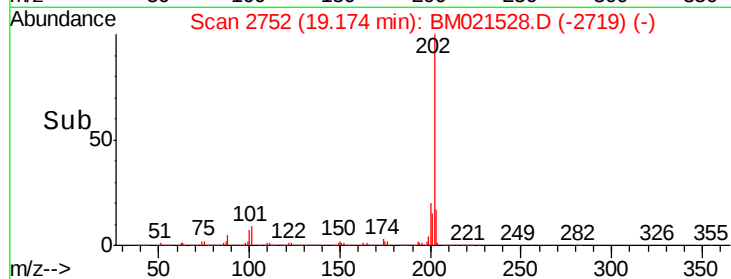
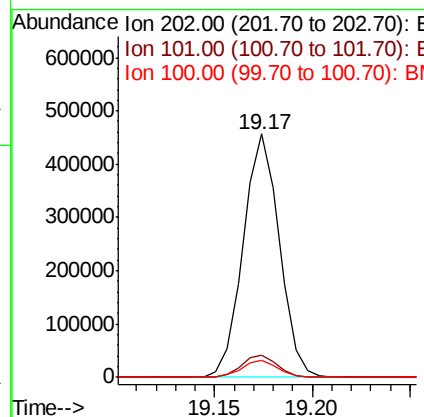
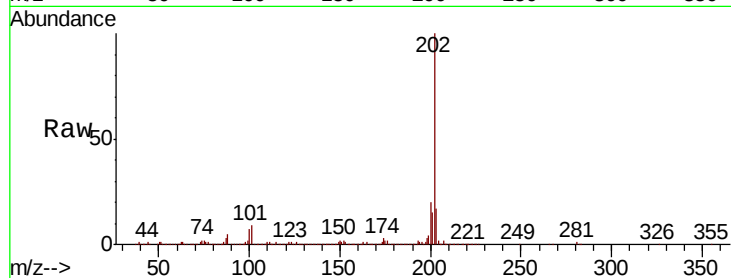
#76
 Fluoranthene
 Concen: 10.139 ng/ul
 RT: 19.17 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Tot Ion:	202	Resp:	584950
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.7	10.1
100	6.9	5.3	7.9

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:01:14 PM



#79
 Pyrene
 Concen: 6.119 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Tgt Ion:	202	Resp:	340856
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.8	11.8
100	8.4	6.4	9.6

