

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019715.D
 Acq On : 03 Apr 2019 05:41
 Operator : JU/SJ
 Sample : K2168-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF638

Quant Time: Apr 03 07:06:44 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	157430	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	725885	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	441253	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	988009	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1067683	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1083783	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	27992	6.96	ng/uL	0.00
5) Phenol-d5	6.75	99	367396	26.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	248109	26.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	296272	27.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	319447	30.36	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	154975	29.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	184992	32.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	314482	28.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	429209	32.87	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	1125226	31.60	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	1415883	31.80	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	111661	20.01	ng/ul	0.00
58) Fluorene-d10	15.23	176	980907	31.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	139355	21.33	ng/ul	0.00
71) Anthracene-d10	17.09	188	1570283	33.12	ng/ul	0.00
79) Pyrene-d10	19.40	212	1672594	33.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1775751	30.91	ng/ul	0.00

Target Compounds

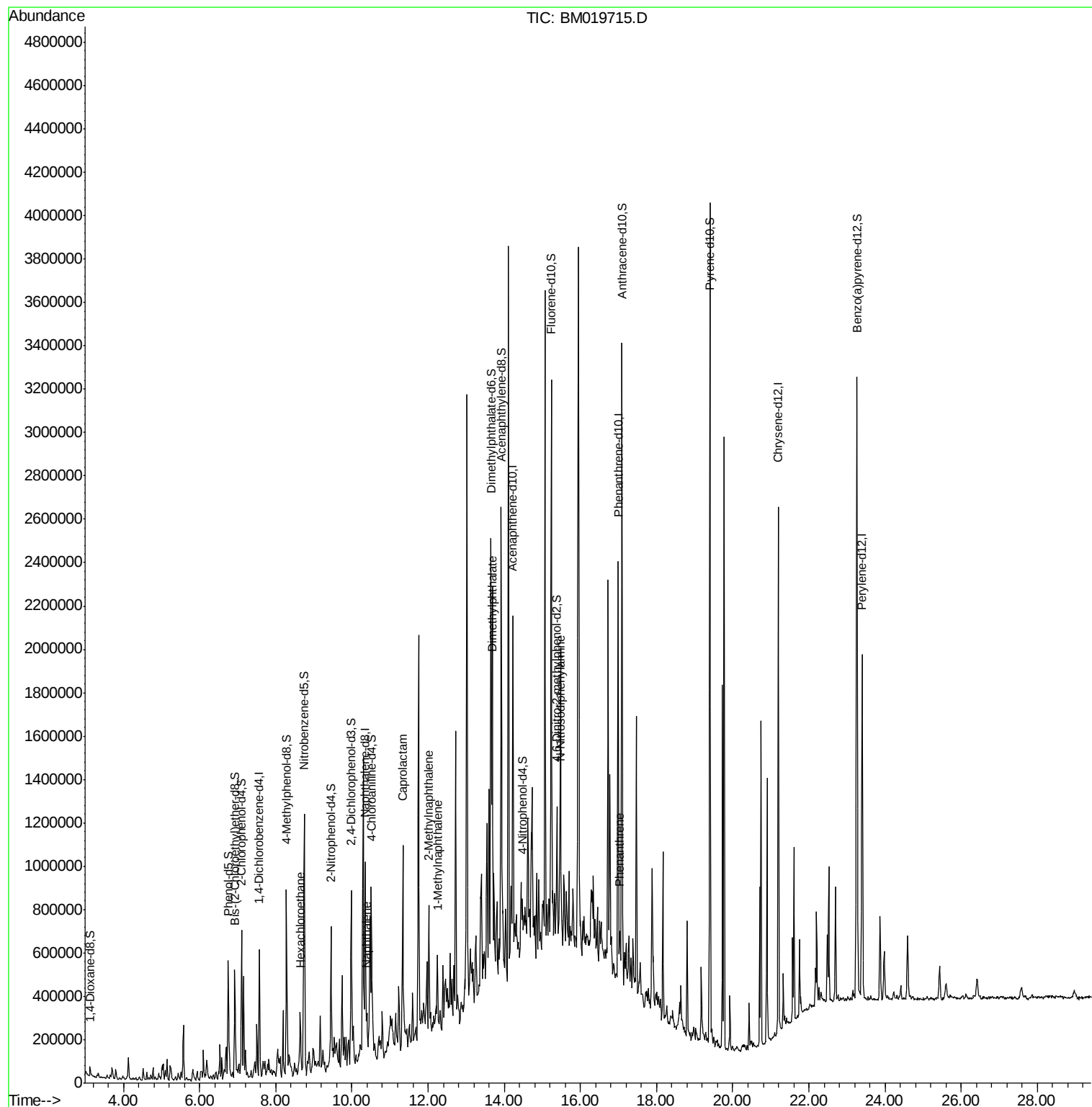
					Qvalue	
17) Hexachloroethane	8.65	117	24761	5.455	ng/ul#	1
28) Naphthalene	10.40	128	86126	2.290	ng/ul#	97
32) Caprolactam	11.34	113	37699	11.816	ng/ul#	75
34) 2-Methylnaphthalene	12.02	142	288189	10.937	ng/ul	98
35) 1-Methylnaphthalene	12.25	142	139323	5.600	ng/ul	100
45) Dimethylphthalate	13.70	163	167646	4.693	ng/ul	98
65) N-Nitrosodiphenylamine	15.49	169	44657	1.453	ng/ul#	48
70) Phenanthrene	17.03	178	80351	1.434	ng/ul#	94

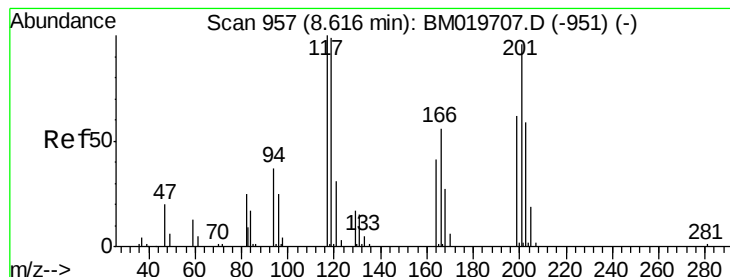
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 5.455 ng/ul

RT: 8.65 min Scan# 963

Delta R.T. 0.02 min

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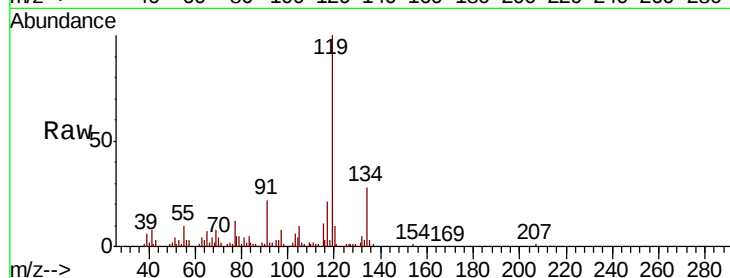
Tgt Ion:117 Resp: 24761

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

199 0.0 59.7 89.5#

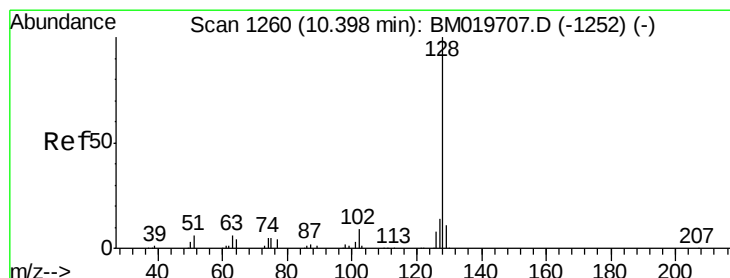
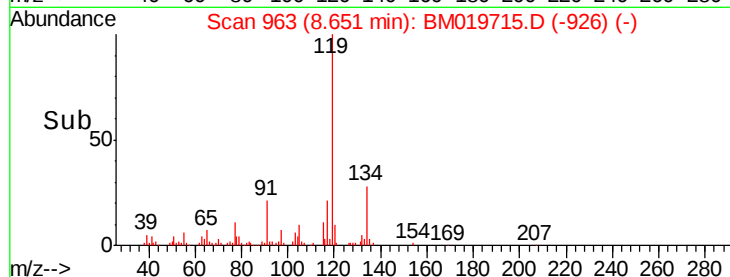
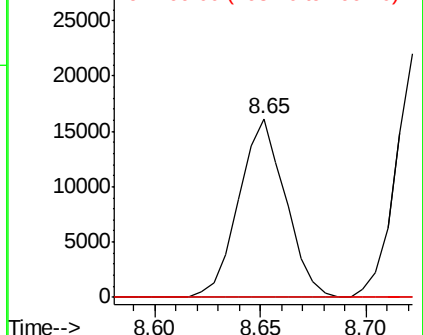


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 2.290 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM019715.D

Acq: 03 Apr 2019 05:41

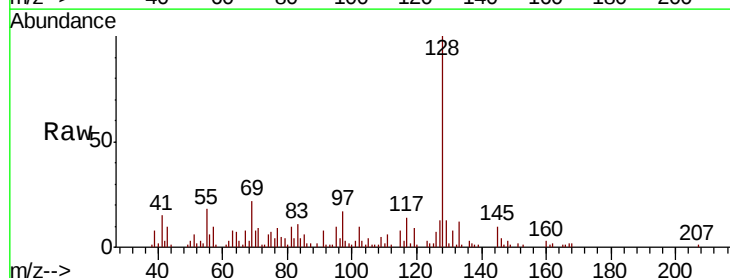
Tgt Ion:128 Resp: 86126

Ion Ratio Lower Upper

128 100

129 12.8 8.3 12.5#

127 13.3 10.8 16.2

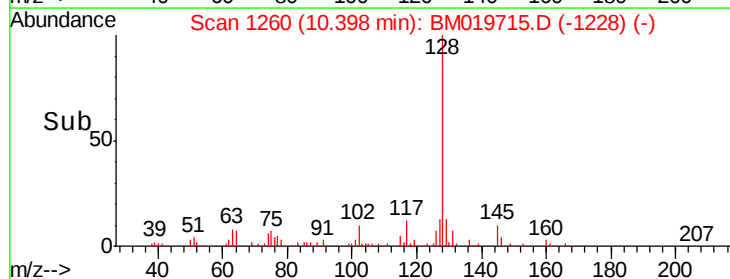
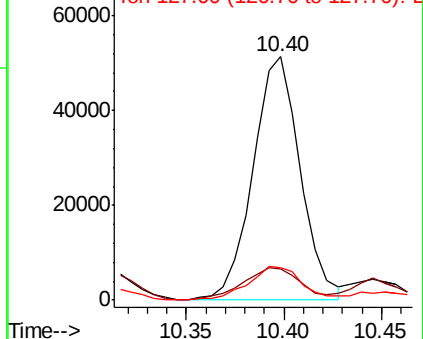


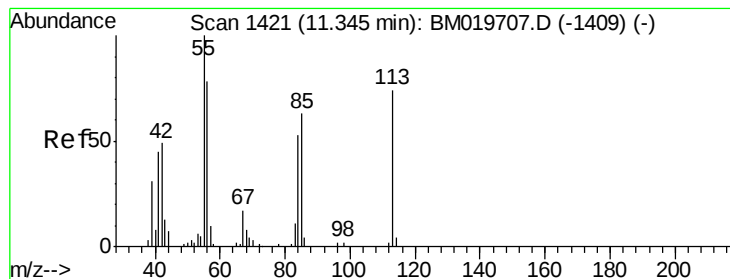
Abundance

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





#32

Caprolactam

Concen: 11.816 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.02 min

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Instrument :

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BF638

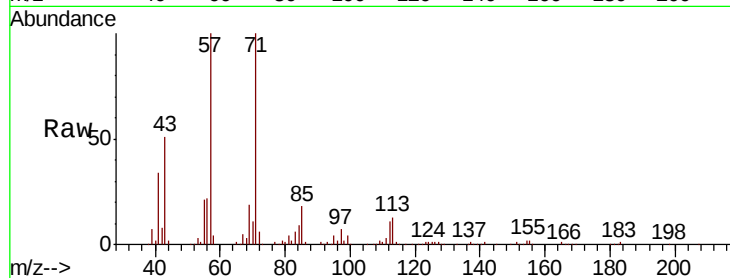
Tgt Ion:113 Resp: 37699

Ion Ratio Lower Upper

113 100

55 166.5 131.7 197.5

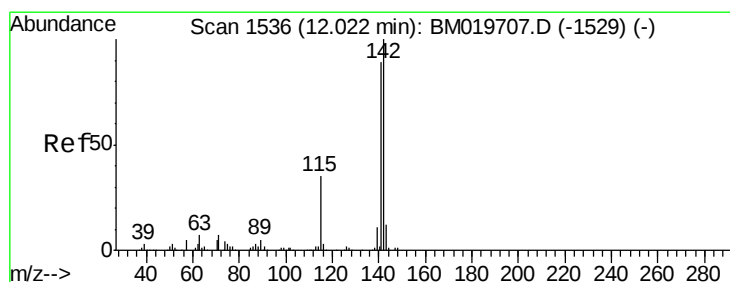
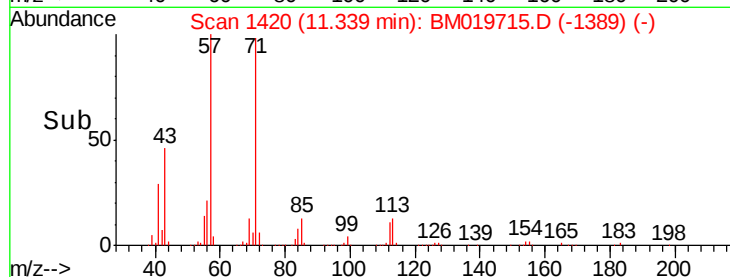
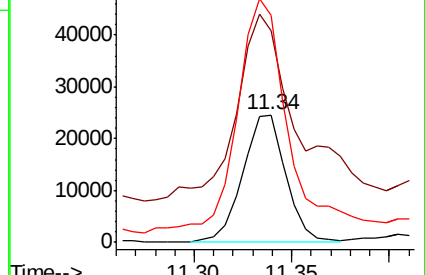
56 178.7 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 10.937 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM019715.D

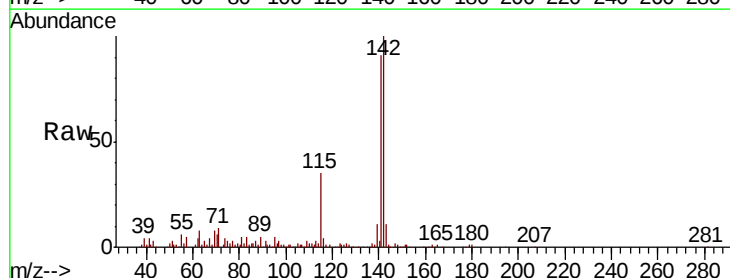
Acq: 03 Apr 2019 05:41

Tgt Ion:142 Resp: 288189

Ion Ratio Lower Upper

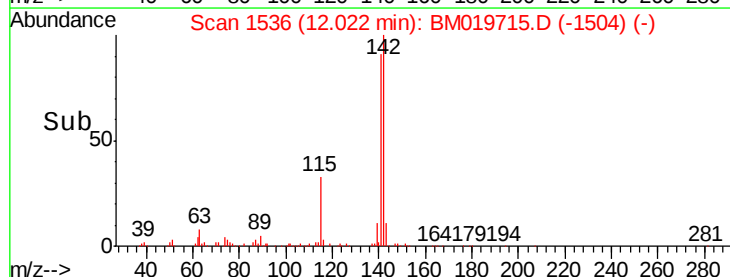
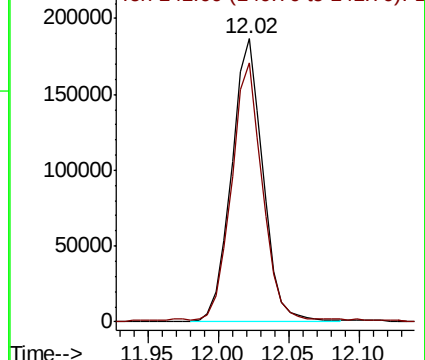
142 100

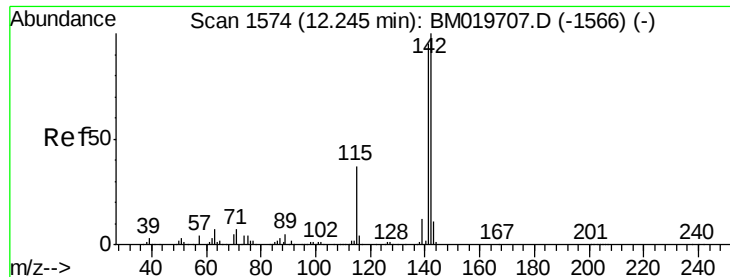
141 91.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 5.600 ng/ul

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM019715.D

Acq: 03 Apr 2019 05:41

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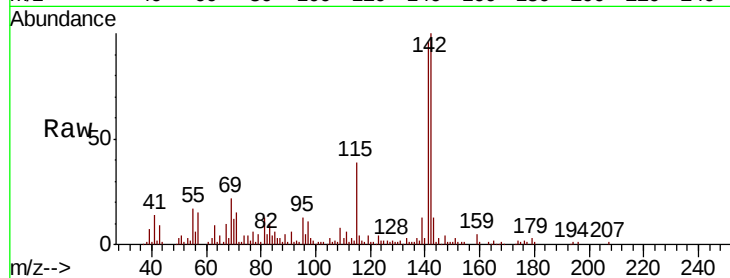
Tgt Ion:142 Resp: 139323

Ion Ratio Lower Upper

142 100

141 95.8 76.6 115.0

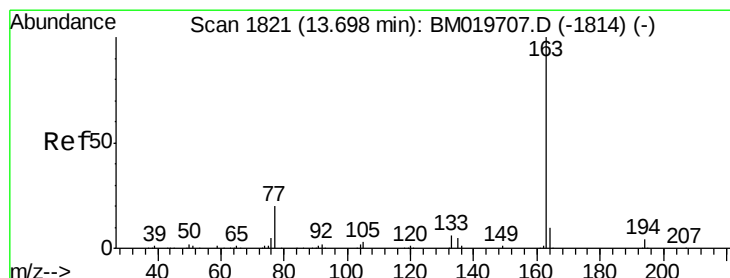
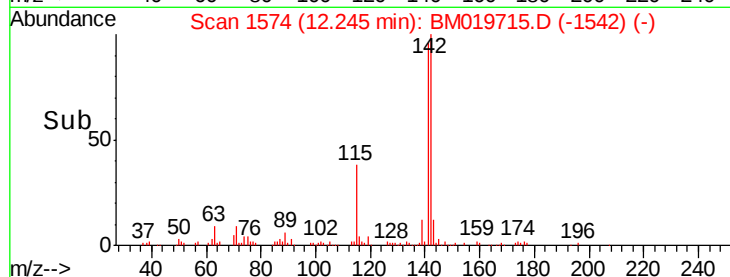
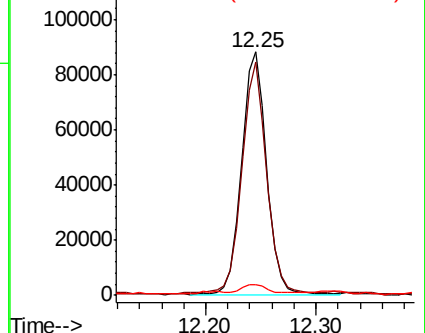
116 4.4 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 4.693 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019715.D

Acq: 03 Apr 2019 05:41

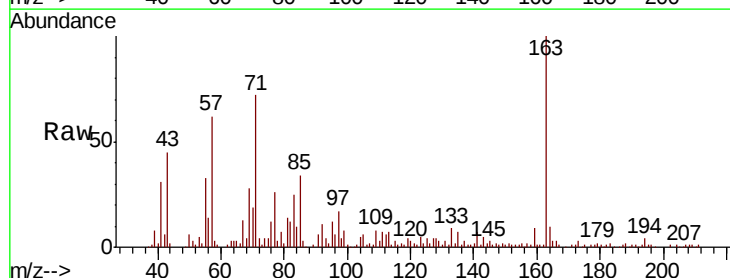
Tgt Ion:163 Resp: 167646

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

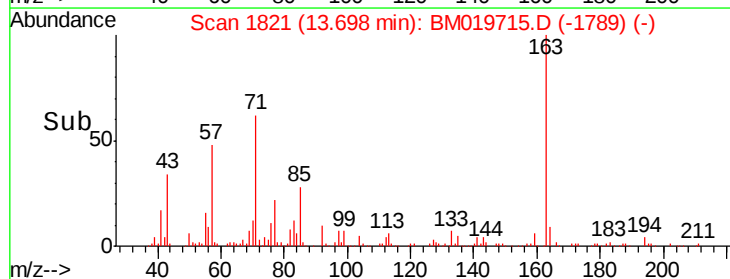
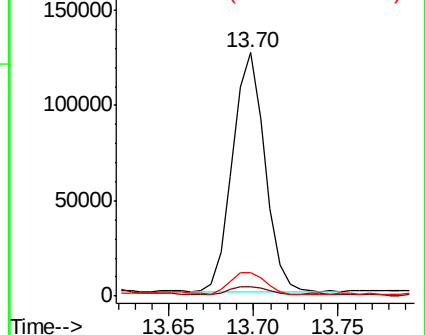
164 9.9 8.4 12.6

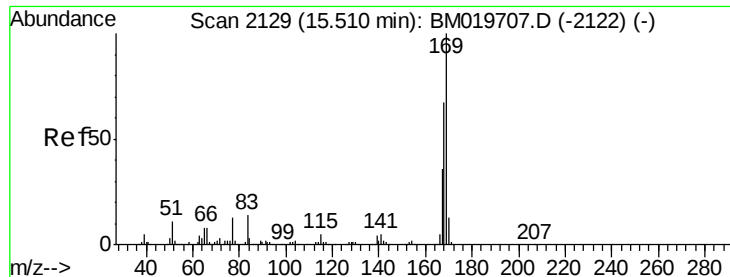


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#65

N-Nitrosodiphenylamine

Concen: 1.453 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BM019715.D

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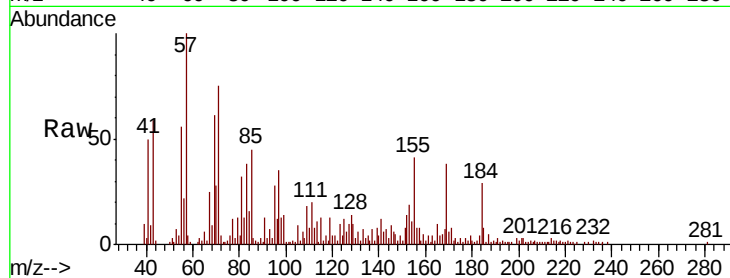
Tgt Ion:169 Resp: 44657

Ion Ratio Lower Upper

169 100

168 19.8 53.8 80.8#

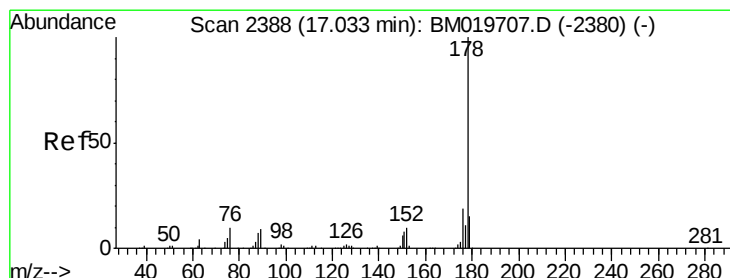
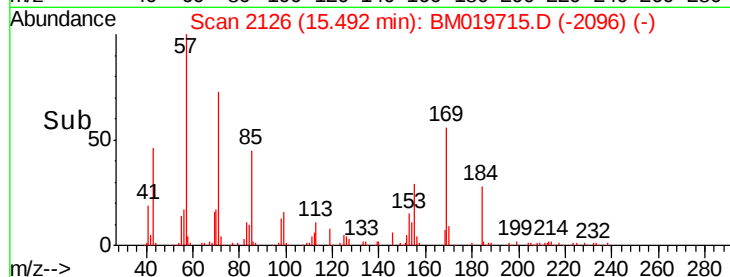
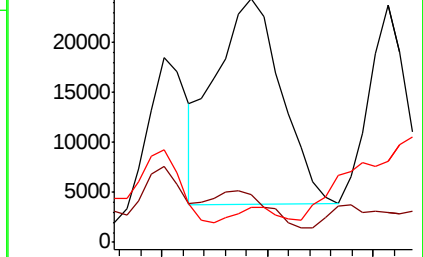
167 14.3 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 1.434 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM019715.D

Acq: 03 Apr 2019 05:41

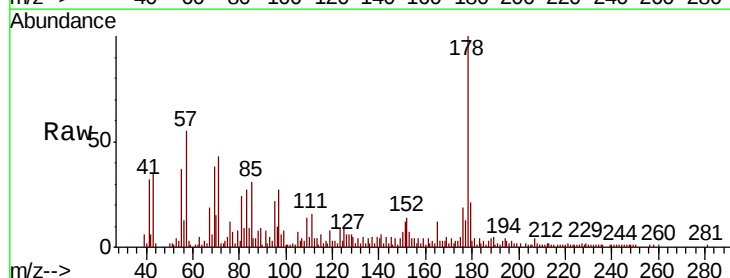
Tgt Ion:178 Resp: 80351

Ion Ratio Lower Upper

178 100

179 21.0 12.3 18.5#

176 19.2 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

