

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019735.D
 Acq On : 03 Apr 2019 18:09
 Operator : JU/SJ
 Sample : K2168-19DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF641DL

Quant Time: Apr 04 01:51:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 04 01:45:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	164409	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	760163	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	445723	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	979840	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	861796	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	769483	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	313	0.07	ng/uL	-0.02
5) Phenol-d5	6.76	99	50709	3.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	38920	3.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	42877	3.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	23998	2.18	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29741	5.48	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	23252	3.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	34059	2.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	40935	2.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	170393	4.74	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	192529	4.28	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	187	0.03	ng/ul	0.00
58) Fluorene-d10	15.23	176	153153	4.94	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	6454	1.00	ng/ul	0.00
71) Anthracene-d10	17.09	188	227501	4.84	ng/ul	0.00
79) Pyrene-d10	19.40	212	228912	5.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	168332	4.13	ng/ul	0.00

Target Compounds

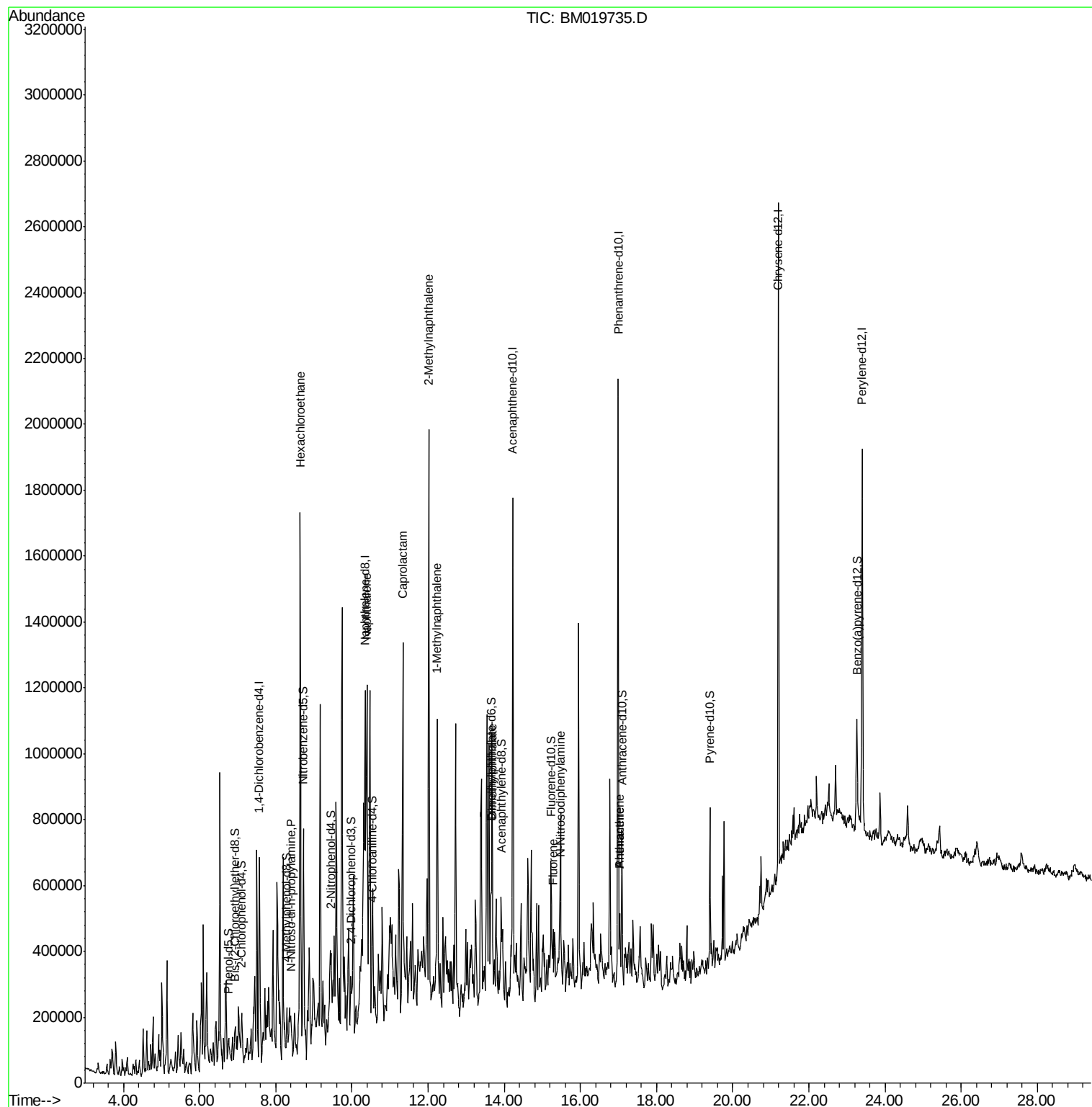
					Qvalue
15) N-Nitroso-di-n-propylamine	8.39	70	16298	1.625	ng/ul# 59
17) Hexachloroethane	8.65	117	150513	31.749	ng/ul# 1
28) Naphthalene	10.39	128	576015	14.627	ng/ul 97
32) Caprolactam	11.33	113	43850	13.124	ng/ul# 67
34) 2-Methylnaphthalene	12.02	142	820209	29.725	ng/ul 99
35) 1-Methylnaphthalene	12.24	142	369667	14.189	ng/ul 98
45) Dimethylphthalate	13.70	163	40669	1.127	ng/ul# 98
59) Fluorene	15.29	166	45456	1.308	ng/ul# 97
65) N-Nitrosodiphenylamine	15.49	169	33343	1.094	ng/ul# 48
70) Phenanthrene	17.03	178	96717	1.741	ng/ul# 97
72) Anthracene	17.03	178	96959	1.711	ng/ul 98

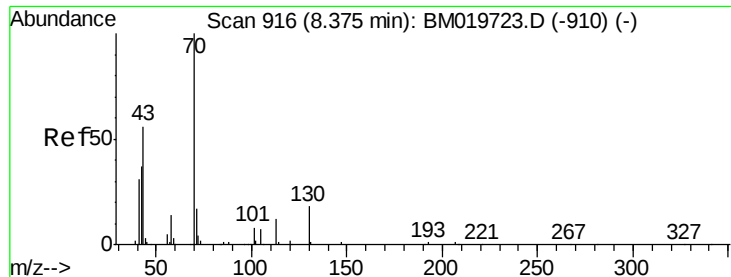
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019735.D
Acq On : 03 Apr 2019 18:09
Operator : JU/SJ
Sample : K2168-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF641DL

Quant Time: Apr 04 01:51:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
Response via : Initial Calibration

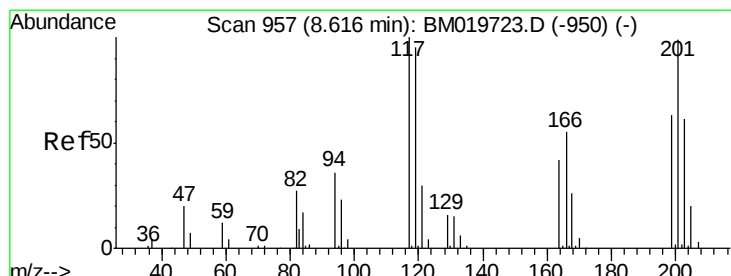
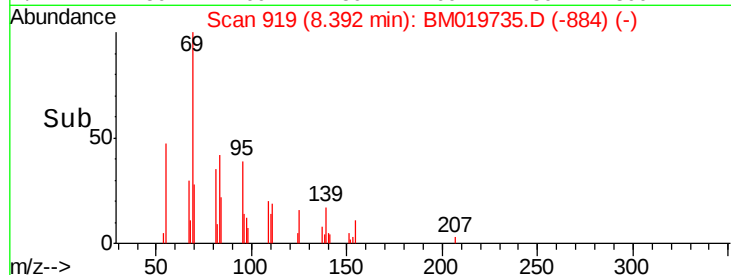
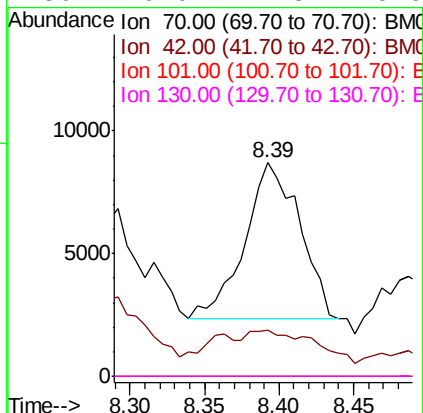
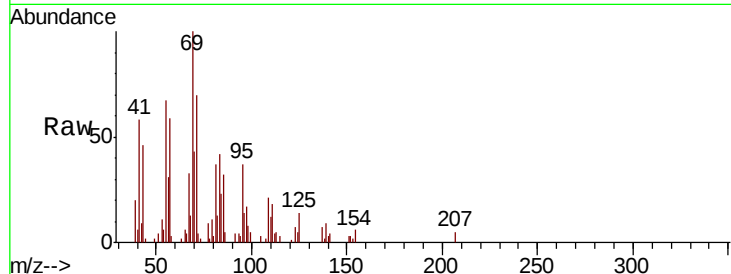




#15
N-Nitroso-di-n-propylamine
Concen: 1.625 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM019735.D
Acq: 03 Apr 2019 18:09

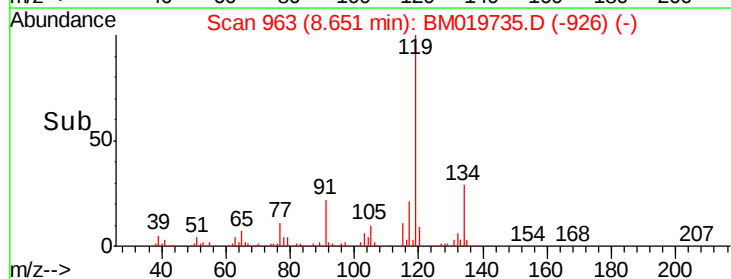
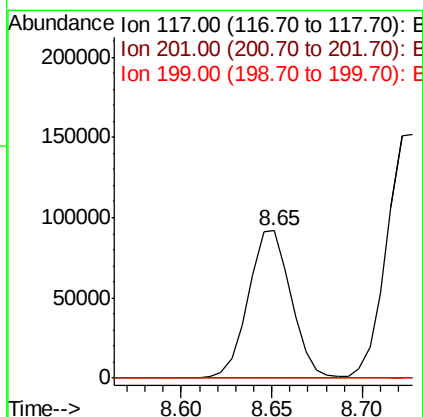
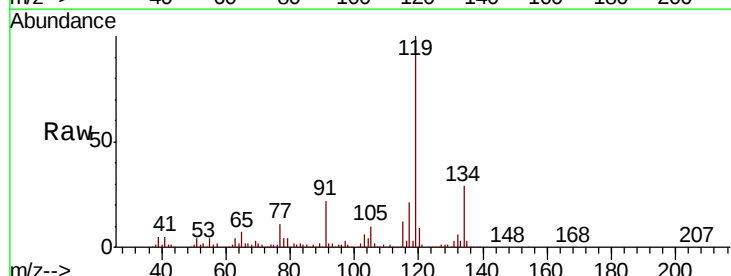
Instrument :
BNA_M
ClientSampleId :
BF641DL

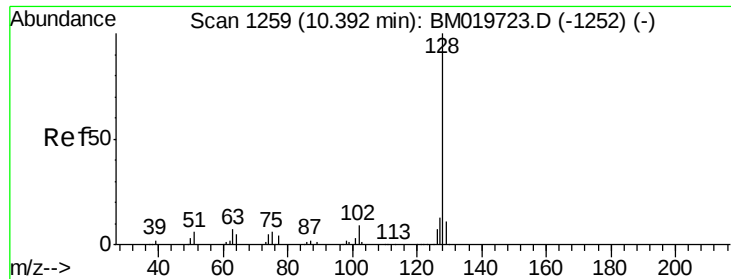
Tgt Ion:	70	Resp:	16298
Ion	Ratio	Lower	Upper
70	100		
42	21.8	40.2	60.4#
101	0.0	7.7	11.5#
130	0.0	17.8	26.6#



#17
Hexachloroethane
Concen: 31.749 ng/ul
RT: 8.65 min Scan# 963
Delta R.T. 0.02 min
Lab File: BM019735.D
Acq: 03 Apr 2019 18:09

Tgt Ion:	117	Resp:	150513
Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#





#28

Naphthalene

Concen: 14.627 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

Instrument :

BNA_M

ClientSampleId :

BF641DL

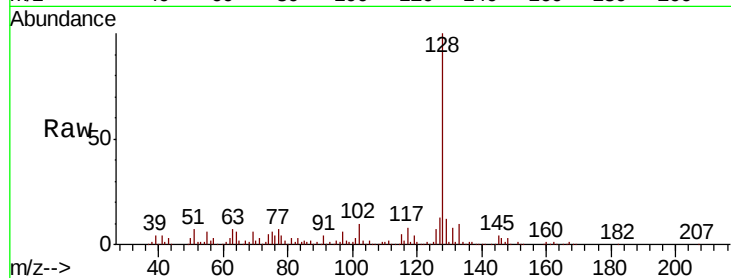
Tgt Ion:128 Resp: 576015

Ion Ratio Lower Upper

128 100

129 12.2 8.3 12.5

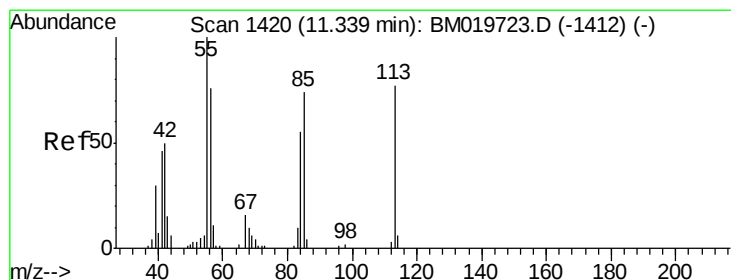
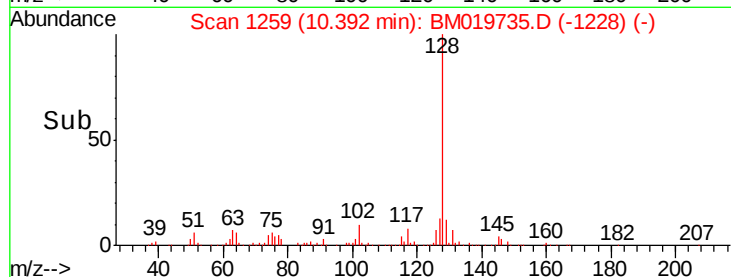
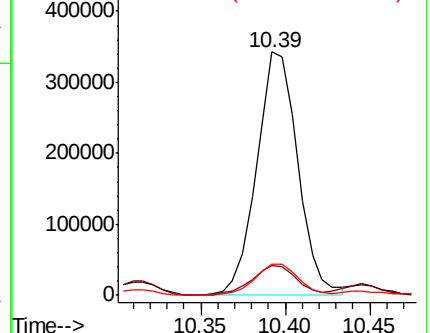
127 13.0 10.8 16.2



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: 13.124 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

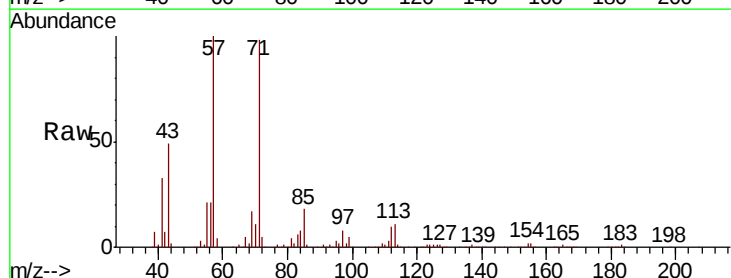
Tgt Ion:113 Resp: 43850

Ion Ratio Lower Upper

113 100

55 180.1 131.7 197.5

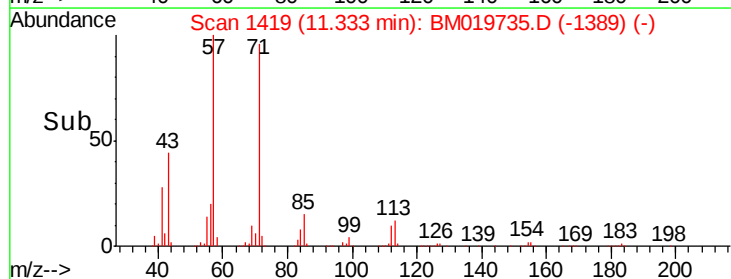
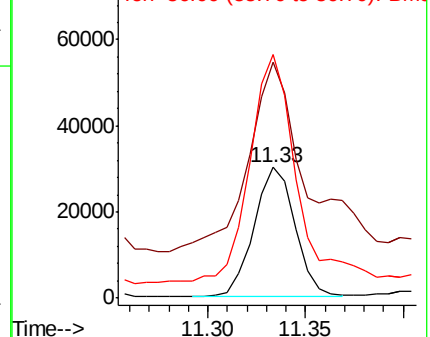
56 186.1 92.7 139.1#

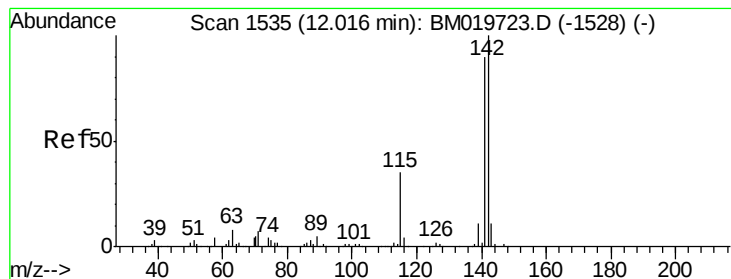


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





#34

2-Methylnaphthalene

Concen: 29.725 ng/ul

RT: 12.02 min Scan# 1535

Delta R.T. -0.02 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

Instrument :

BNA_M

ClientSampleId :

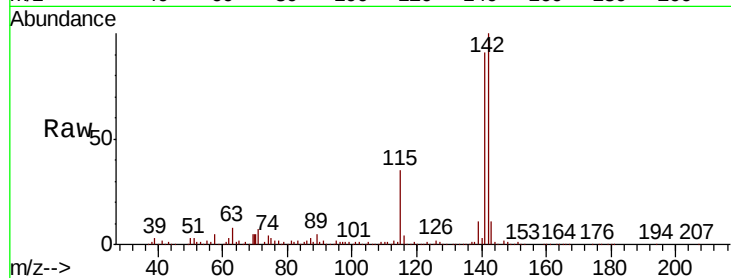
BF641DL

Tgt Ion:142 Resp: 820209

Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

600000

500000

400000

300000

200000

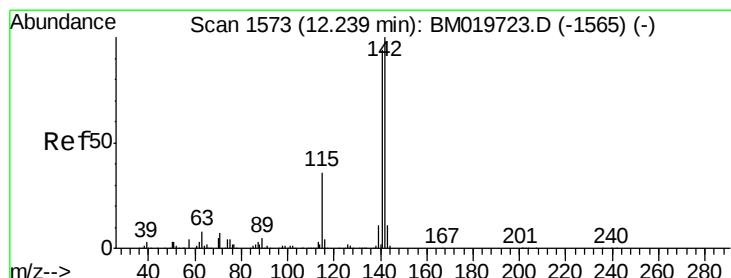
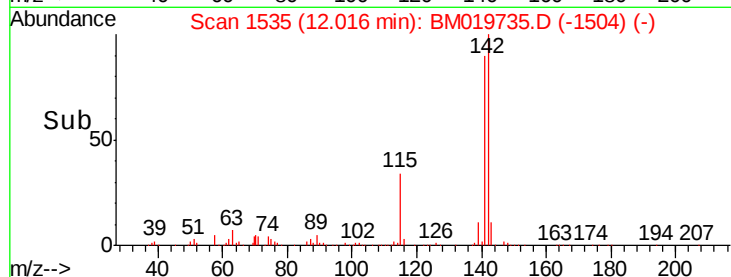
100000

0

12.02

11.95 12.00 12.05 12.10

Time-->



#35

1-Methylnaphthalene

Concen: 14.189 ng/ul

RT: 12.24 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

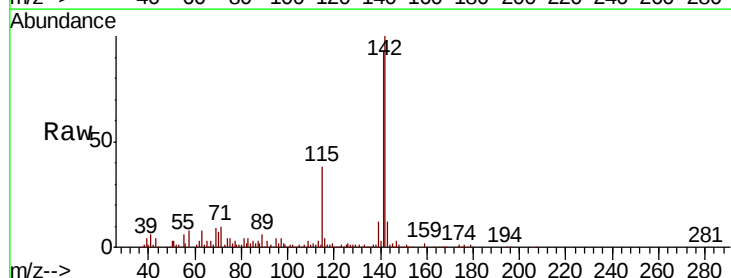
Tgt Ion:142 Resp: 369667

Ion Ratio Lower Upper

142 100

141 93.4 76.6 115.0

116 4.2 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

300000

250000

200000

150000

100000

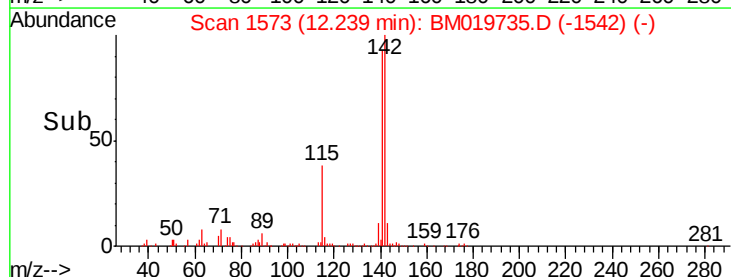
50000

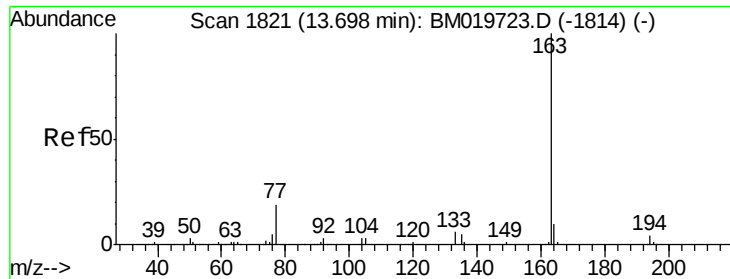
0

12.24

12.20 12.25 12.30

Time-->





#45

Dimethylphthalate

Concen: 1.127 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

Instrument :

BNA_M

ClientSampleId :

BF641DL

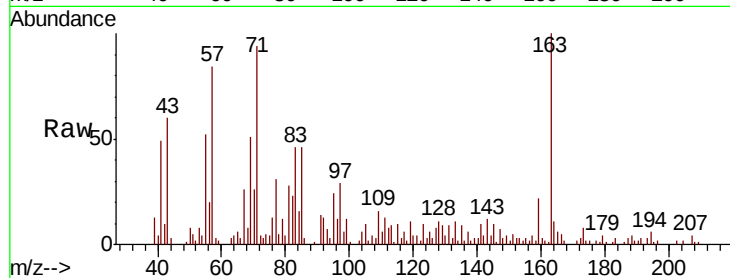
Tgt Ion:163 Resp: 40669

Ion Ratio Lower Upper

163 100

194 6.3 4.0 6.0#

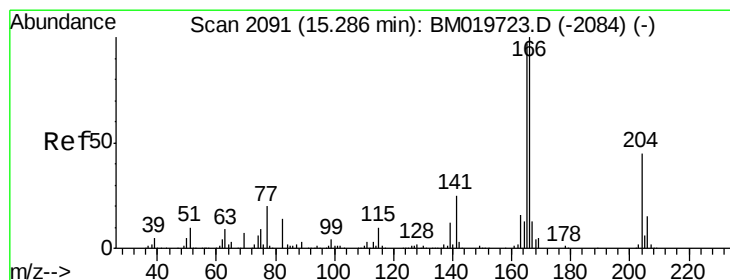
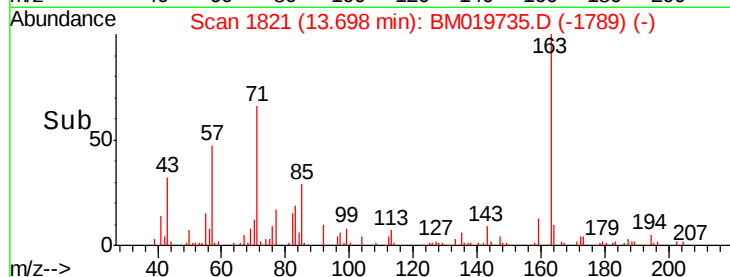
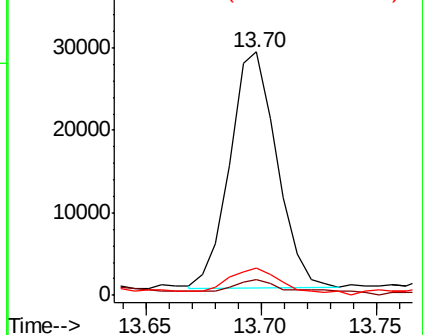
164 11.1 8.4 12.6



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



#59

Fluorene

Concen: 1.308 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM019735.D

Acq: 03 Apr 2019 18:09

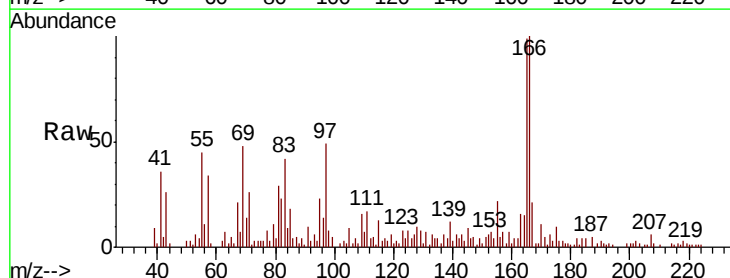
Tgt Ion:166 Resp: 45456

Ion Ratio Lower Upper

166 100

165 98.9 78.4 117.6

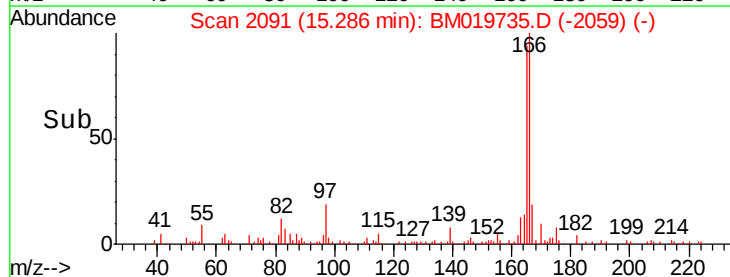
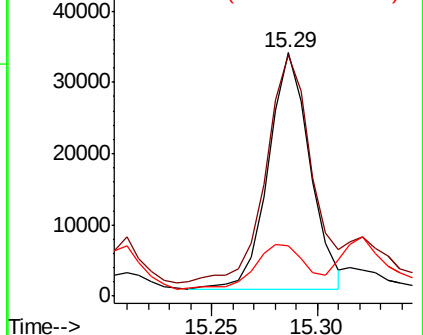
167 20.9 11.1 16.7#

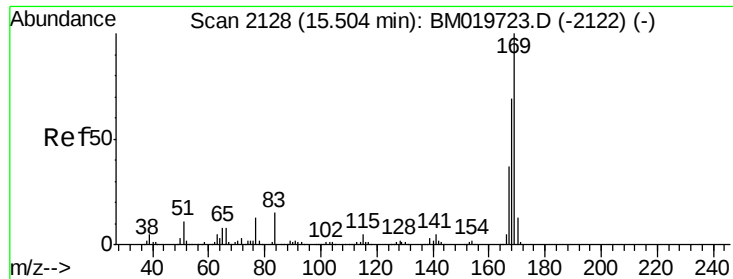


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

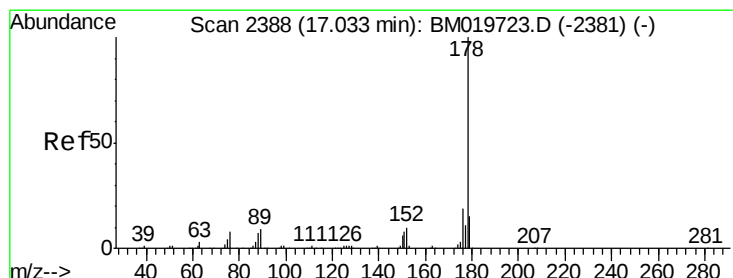
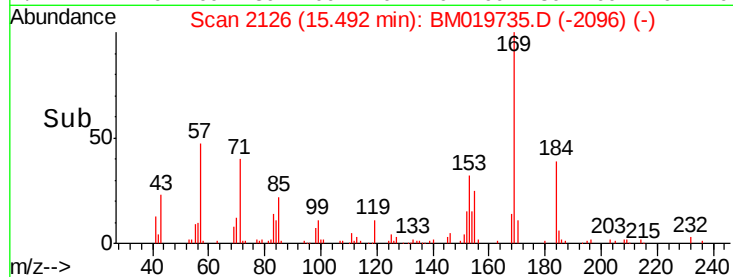
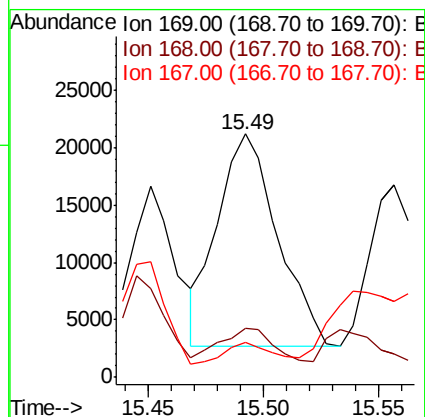
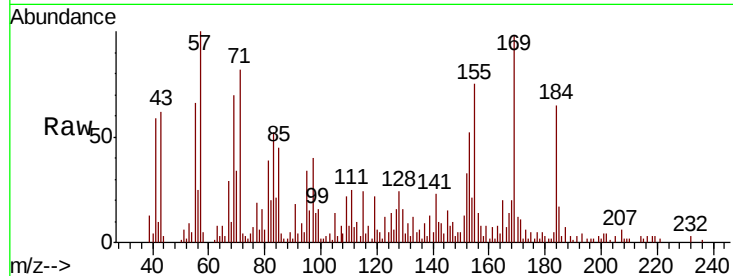




#65
N-Nitrosodiphenylamine
Concen: 1.094 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BM019735.D
Acq: 03 Apr 2019 18:09

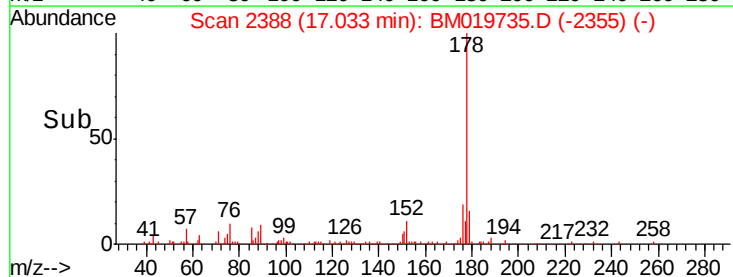
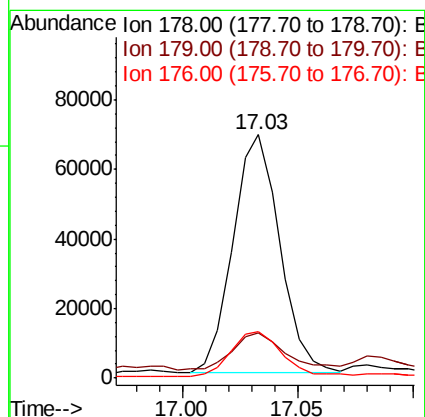
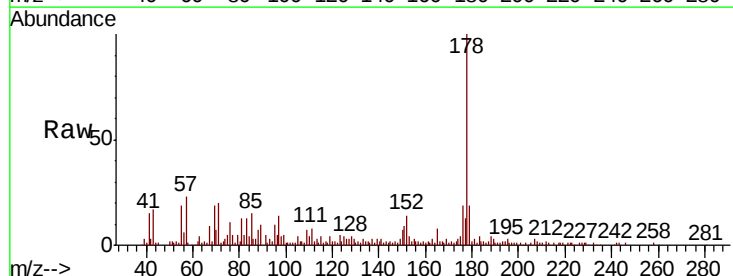
Instrument :
BNA_M
ClientSampled :
BF641DL

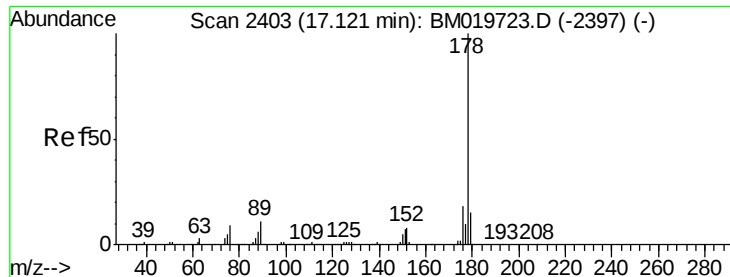
Tgt Ion:169 Resp: 33343
Ion Ratio Lower Upper
169 100
168 20.0 53.8 80.8#
167 14.1 29.5 44.3#



#70
Phenanthrene
Concen: 1.741 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM019735.D
Acq: 03 Apr 2019 18:09

Tgt Ion:178 Resp: 96717
Ion Ratio Lower Upper
178 100
179 18.6 12.3 18.5#
176 19.3 15.4 23.0





#72
 Anthracene
 Concen: 1.711 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.10 min
 Lab File: BM019735.D
 Acq: 03 Apr 2019 18:09

Instrument :
 BNA_M
 ClientSampleId :
 BF641DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.4	20.2
176	19.3	15.4	23.0

