

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023080.D
 Acq On : 09 Oct 2019 13:09
 Operator : JU
 Sample : K5028-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL8

Quant Time: Oct 17 03:59:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	187714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	798508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	468116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	885391	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	844590	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	987353	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	22695	5.23	ng/uL	0.00
5) Phenol-d5	6.94	99	84476	5.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	198920	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	241616	18.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	155030	11.42	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	142267	23.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	154028	22.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	281876	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	255944	15.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	858507	23.63	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	991355	23.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	26657	3.71	ng/ul	0.00
58) Fluorene-d10	15.40	176	715168	23.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	105488	18.31	ng/ul	0.00
71) Anthracene-d10	17.24	188	1092352	25.26	ng/ul	0.00
79) Pyrene-d10	19.54	212	1171300	25.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1314848	25.74	ng/ul	0.00

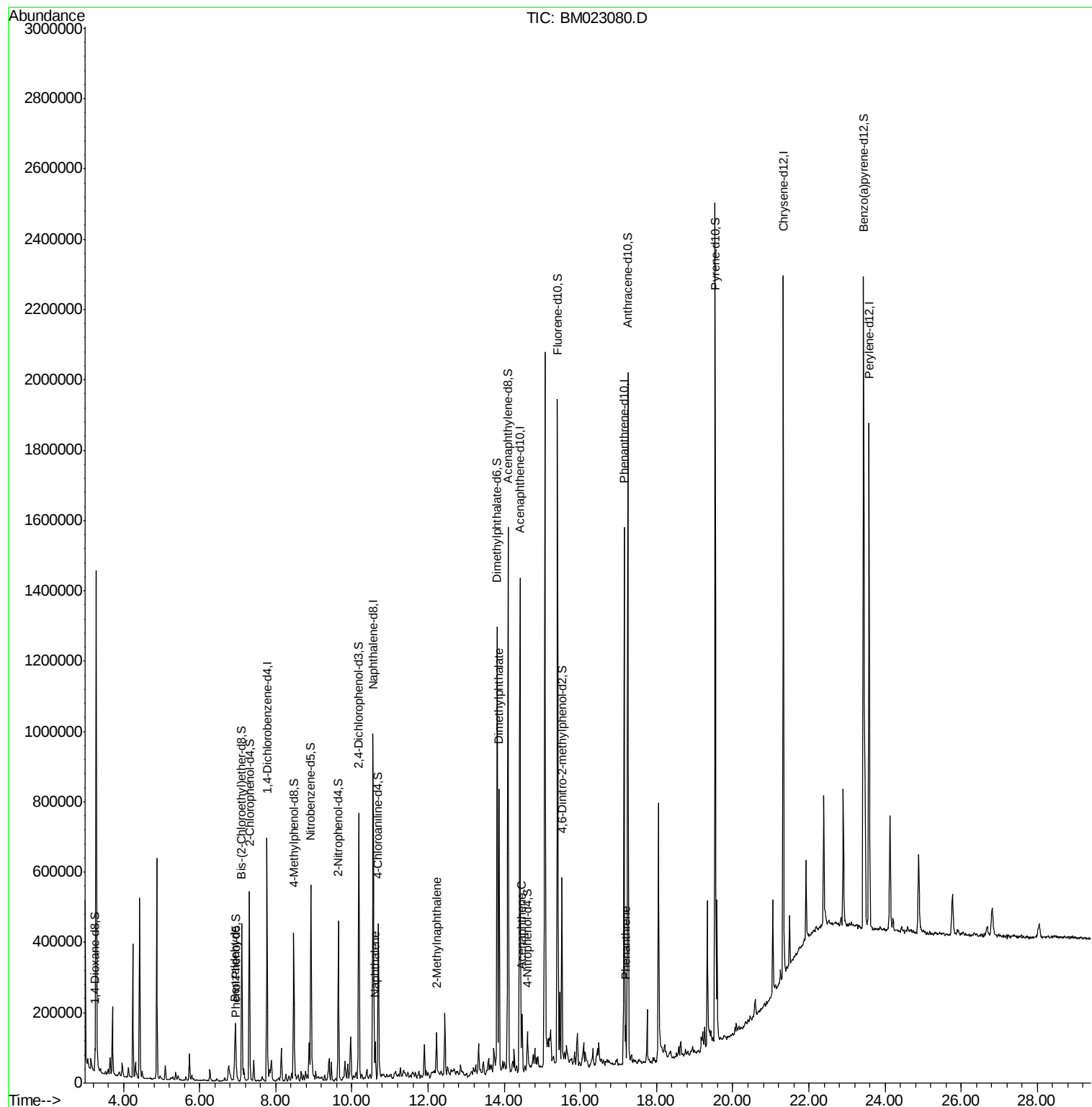
Target Compounds				Ovalue		
4) Benzaldehyde	6.92	77	23155	3.081	ng/ul	91
6) Phenol	6.97	94	22371	1.287	ng/ul	99
28) Naphthalene	10.61	128	70189	1.628	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	56897	1.760	ng/ul	98
45) Dimethylphthalate	13.86	163	511921	13.717	ng/ul	100
50) Acenaphthene	14.47	153	62409	1.978	ng/ul	98
70) Phenanthrene	17.19	178	60149	1.138	ng/ul	99

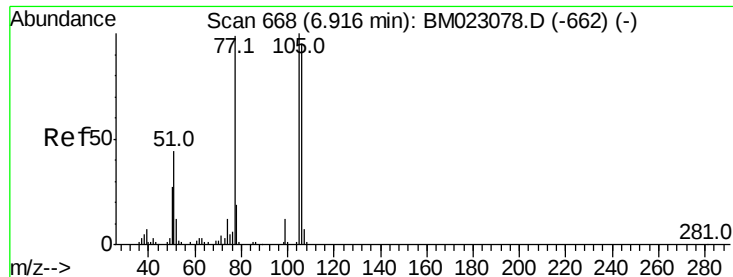
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.081 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM023080.D

Acq: 09 Oct 2019 13:09

Instrument :

BNA_M

ClientSampled :

BFDL8

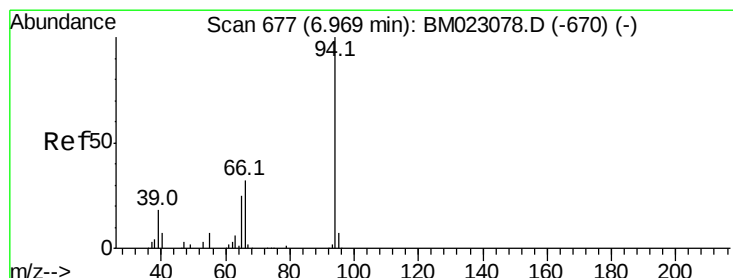
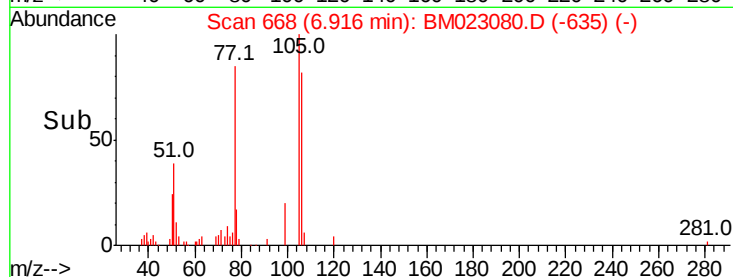
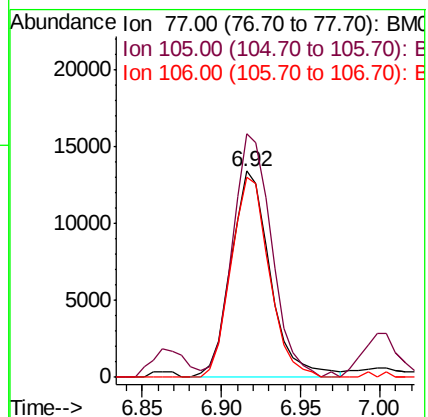
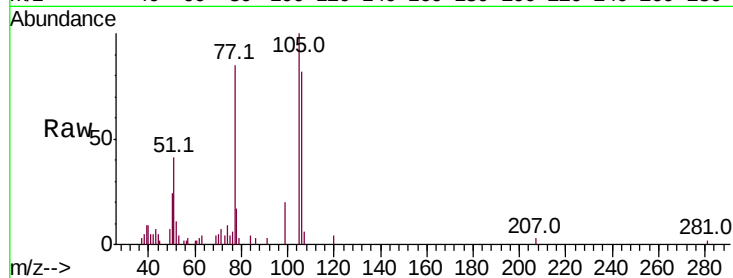
Tot Ion: 77 Resp: 23155

Ion Ratio Lower Upper

77 100

105 118.2 80.6 120.8

106 97.2 77.0 115.6



#6

Phenol

Concen: 1.287 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023080.D

Acq: 09 Oct 2019 13:09

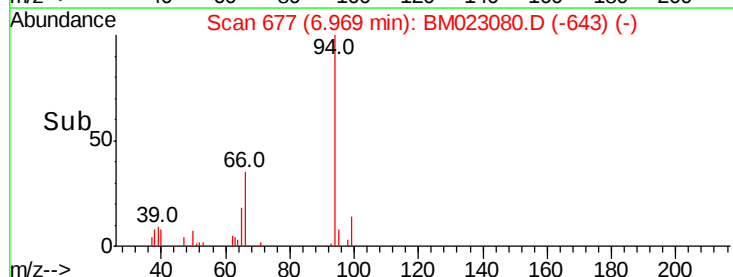
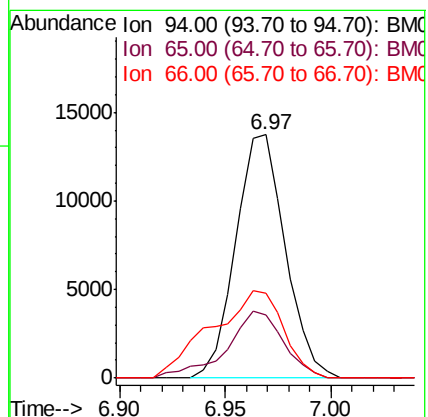
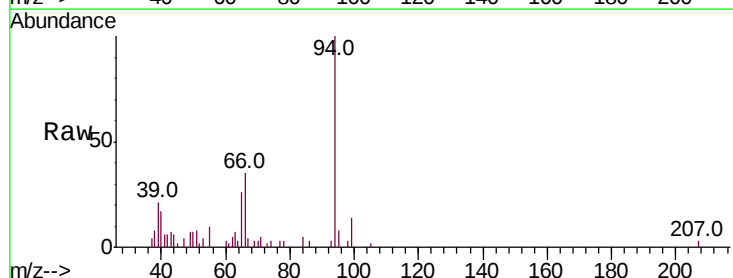
Tgt Ion: 94 Resp: 22371

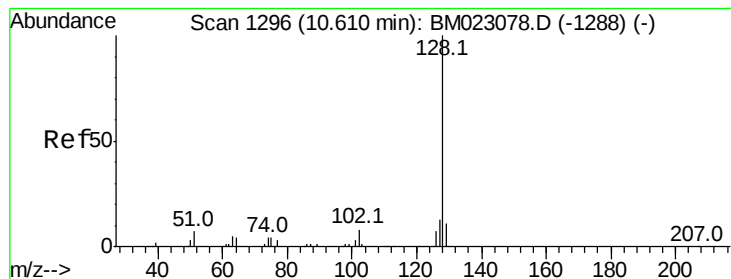
Ion Ratio Lower Upper

94 100

65 26.2 20.9 31.3

66 34.7 27.2 40.8





#28

Naphthalene

Concen: 1.628 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023080.D

Acq: 09 Oct 2019 13:09

Instrument :

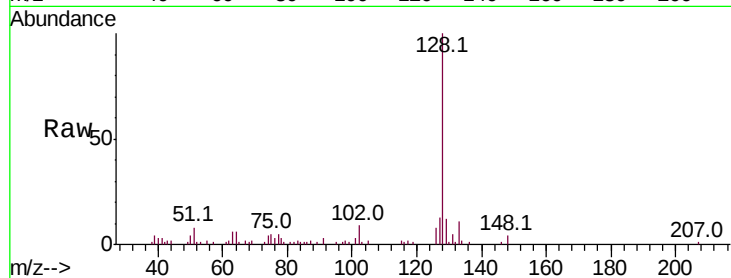
BNA_M

ClientSampleId :

BFDL8

Tot Ion:128 Resp: 70189

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	12.6	10.2	15.4

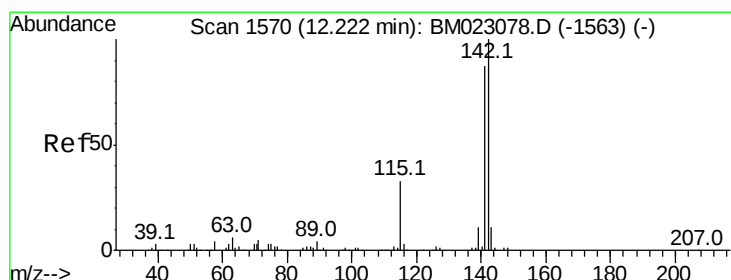
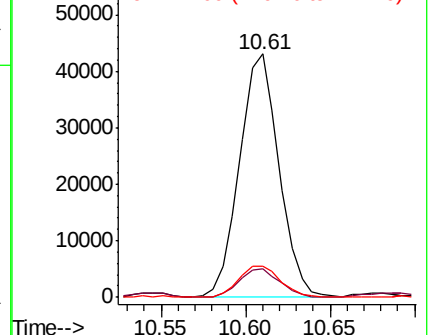
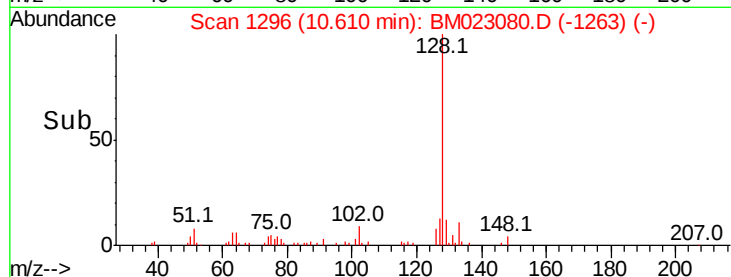


Abundance

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: 1.760 ng/ul

RT: 12.22 min Scan# 1570

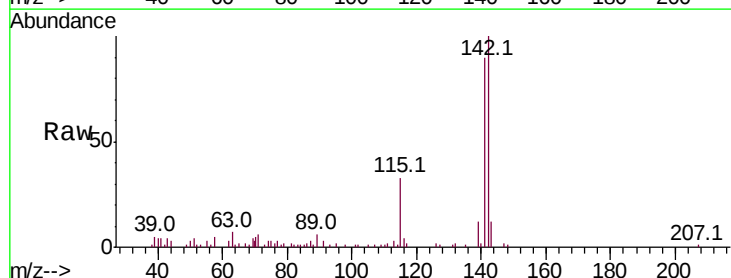
Delta R.T. -0.01 min

Lab File: BM023080.D

Acq: 09 Oct 2019 13:09

Tgt Ion:142 Resp: 56897

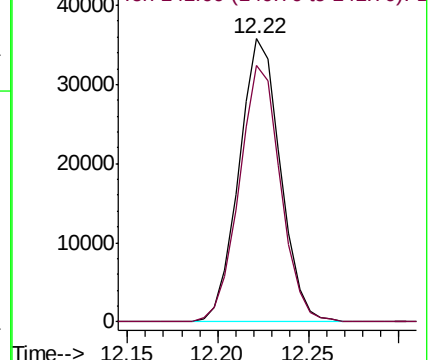
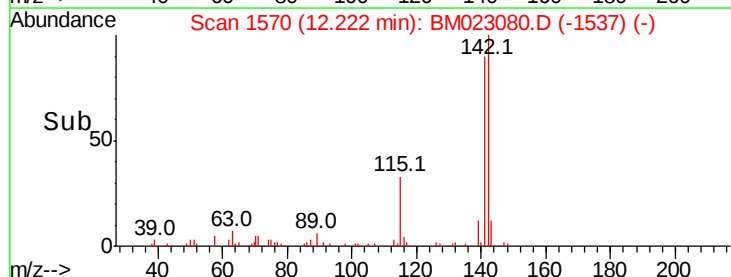
Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8

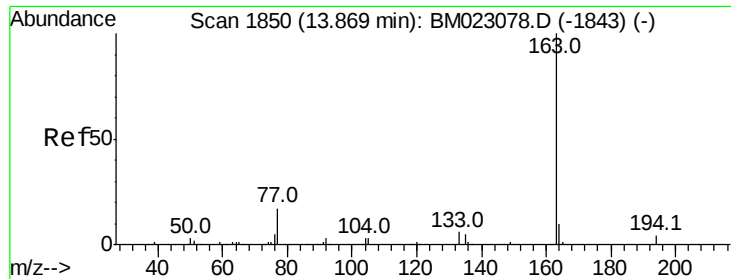


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

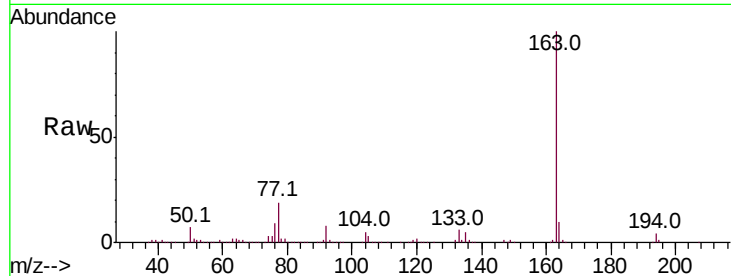




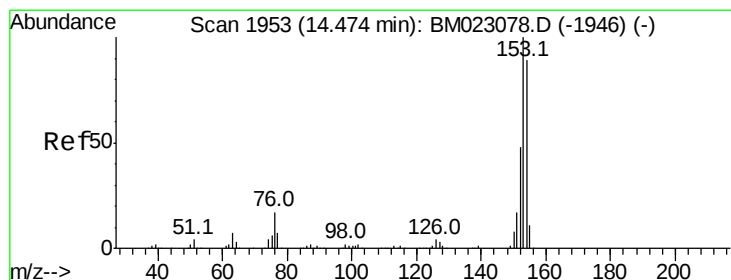
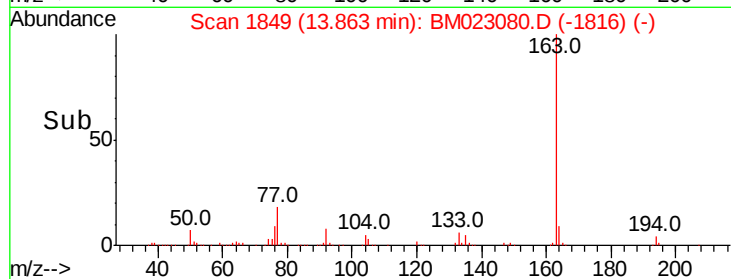
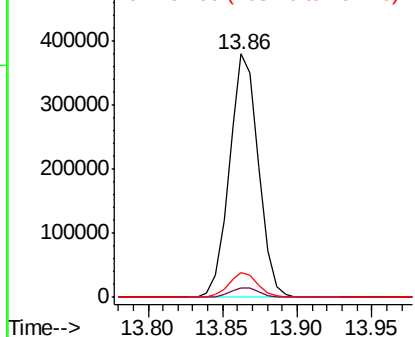
#45
Dimethylphthalate
Concen: 13.717 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023080.D
Acq: 09 Oct 2019 13:09

Instrument :
BNA_M
ClientSampleId :
BFDL8

Tot Ion:163 Resp: 511921
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1

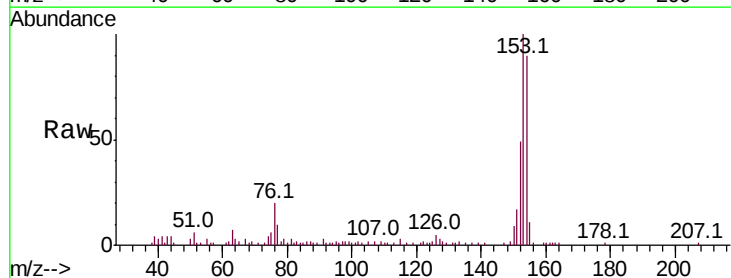


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

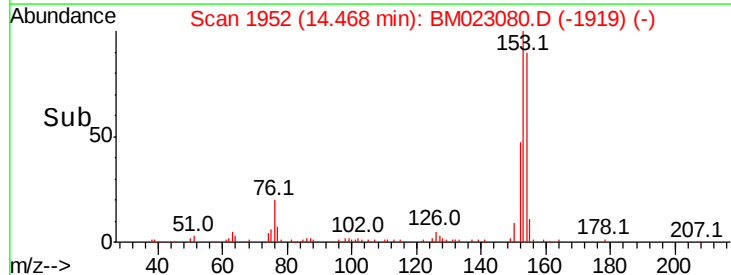
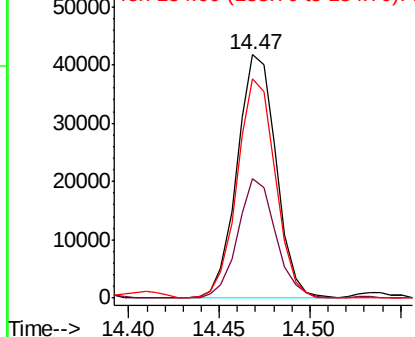


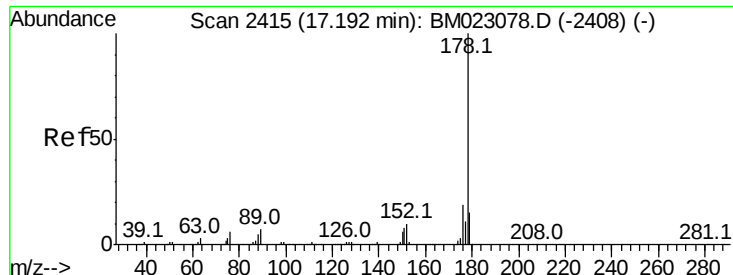
#50
Acenaphthene
Concen: 1.978 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023080.D
Acq: 09 Oct 2019 13:09

Tgt Ion:153 Resp: 62409
Ion Ratio Lower Upper
153 100
152 48.9 38.1 57.1
154 90.1 71.1 106.7



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





#70

Phenanthrene

Concen: 1.138 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM023080.D

Acq: 09 Oct 2019 13:09

Instrument :

BNA_M

ClientSampleId :

BFDL8

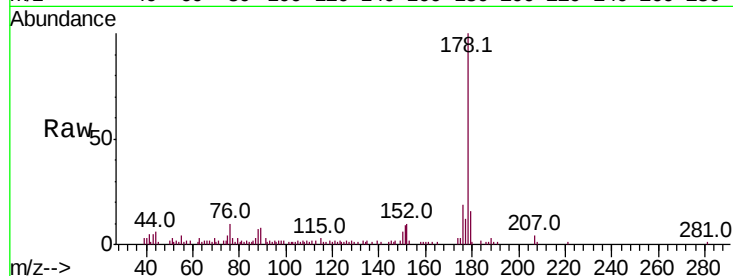
Tot Ion:178 Resp: 60149

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.5 15.3 22.9



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

