

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022928.D
 Acq On : 03 Oct 2019 19:49
 Operator : JU
 Sample : K4983-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK7

Quant Time: Oct 04 03:58:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 02:36:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	259277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1142028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	716360	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1366863	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1018526	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	1082067	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	32169	5.37	ng/uL	0.00
5) Phenol-d5	6.96	99	121944	5.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	258711	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	322765	17.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	223737	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	193293	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	213901	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	392864	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	421868	18.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1306748	23.50	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1437467	22.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	56375	5.13	ng/ul	0.00
58) Fluorene-d10	15.42	176	1090709	23.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	187759	21.11	ng/ul	0.00
71) Anthracene-d10	17.27	188	1760523	26.38	ng/ul	0.00
79) Pyrene-d10	19.56	212	1842497	33.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1584692	28.31	ng/ul	0.00

Target Compounds

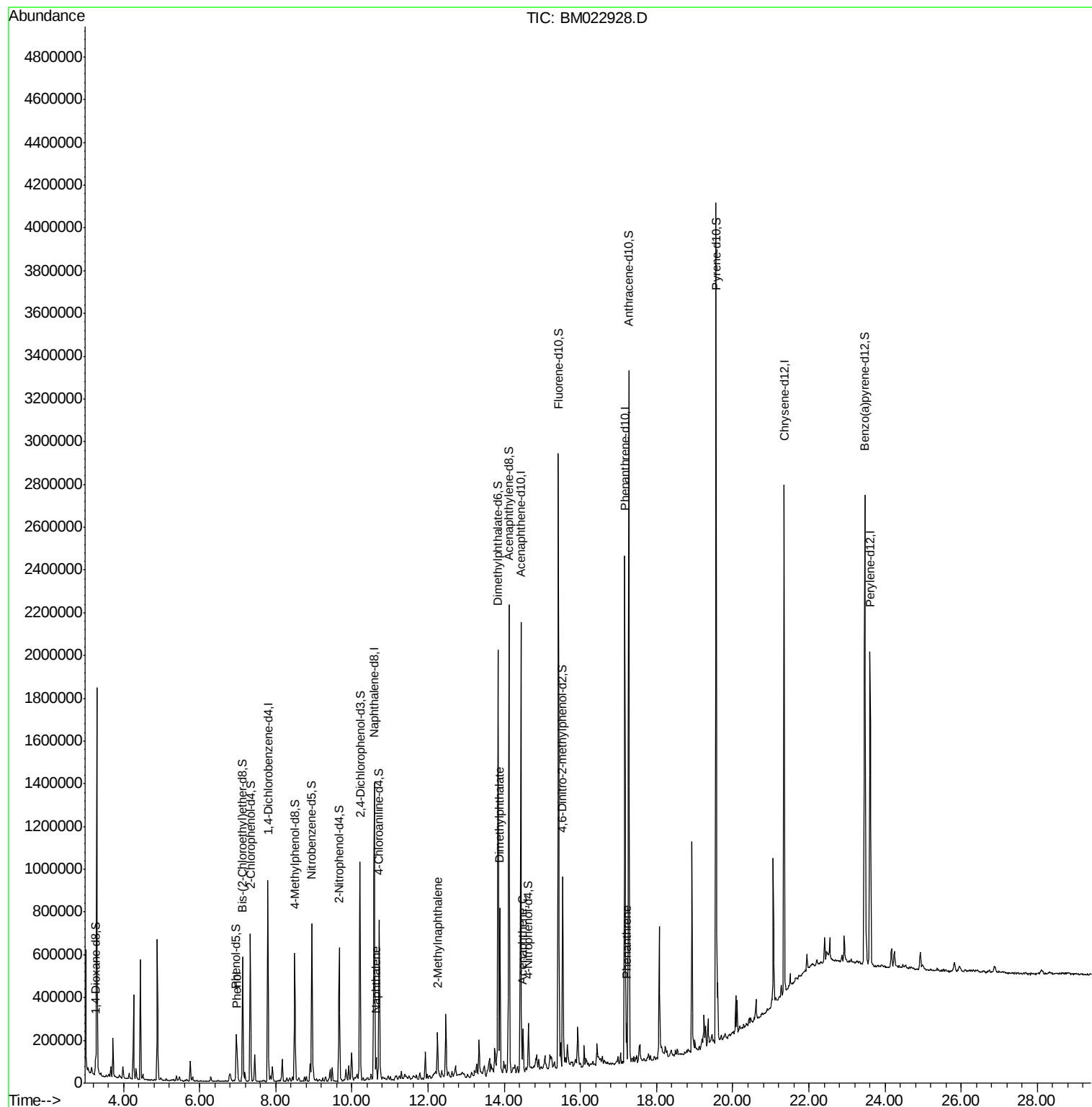
					Ovalue
6) Phenol	6.99	94	66252	2.759 ng/ul	97
28) Naphthalene	10.63	128	67298	1.091 ng/ul	99
34) 2-Methylnaphthalene	12.25	142	103411	2.236 ng/ul	96
45) Dimethylphthalate	13.89	163	491251	8.601 ng/ul	100
50) Acenaphthene	14.49	153	77260	1.600 ng/ul	98
70) Phenanthrene	17.21	178	100306	1.230 ng/ul	98

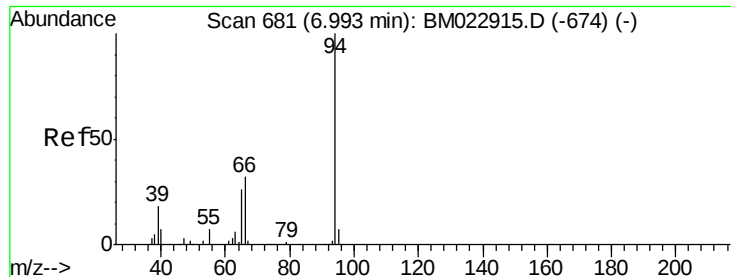
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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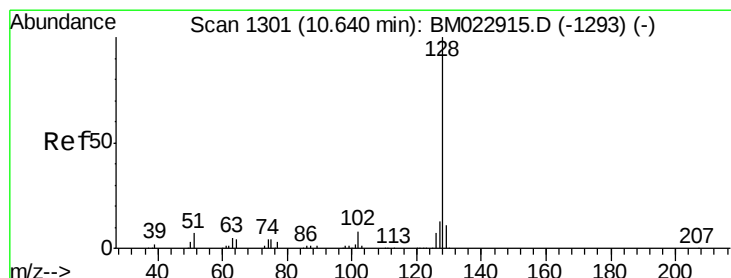
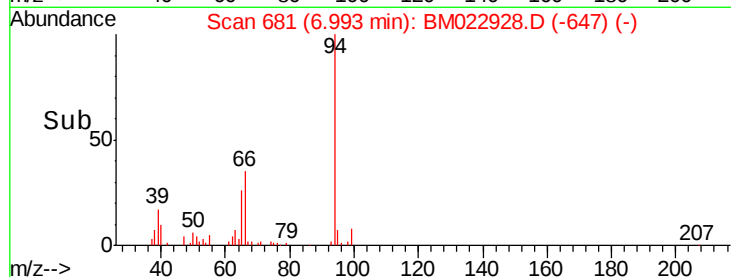
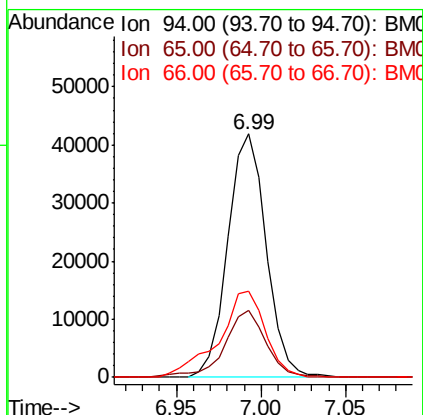
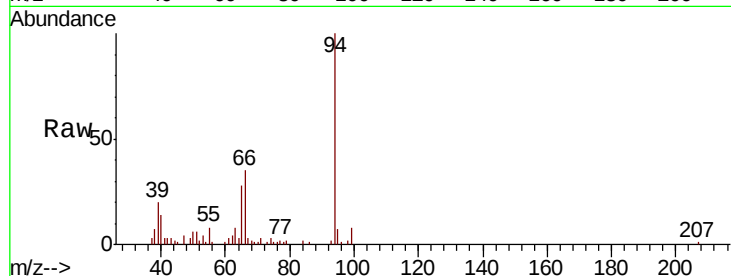
#6

Phenol

Concen: 2.759 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

Instrument :
 BNA_M
 ClientSampled :
 BFDK7

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.6	20.9	31.3
66	35.4	27.2	40.8

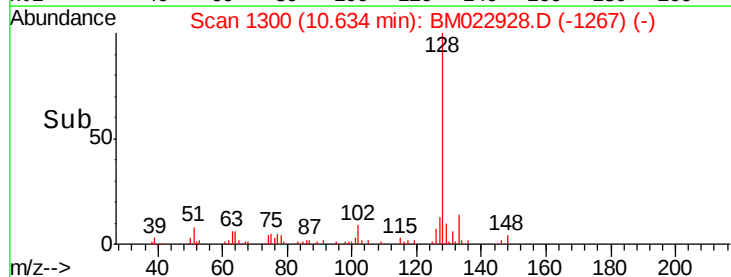
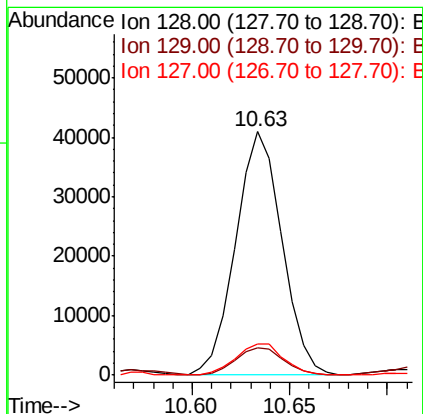
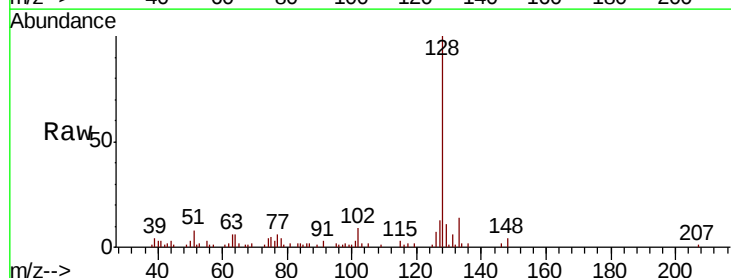


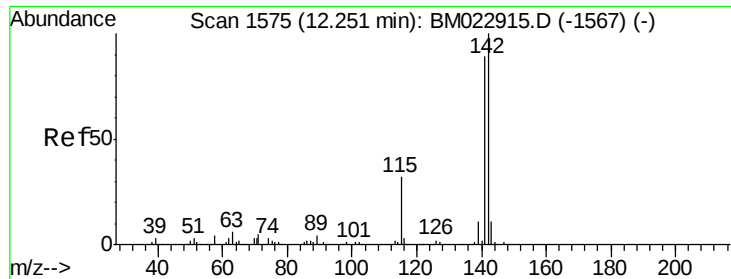
#28

Naphthalene

Concen: 1.091 ng/ul
 RT: 10.63 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.0	10.2	15.4

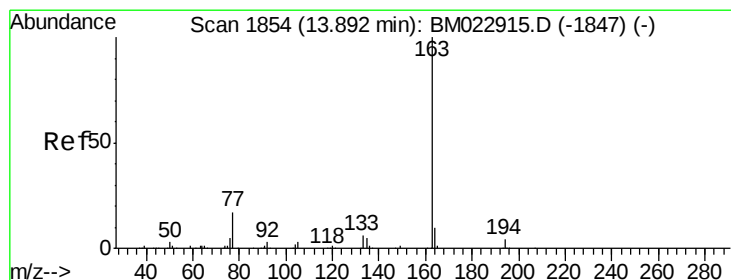
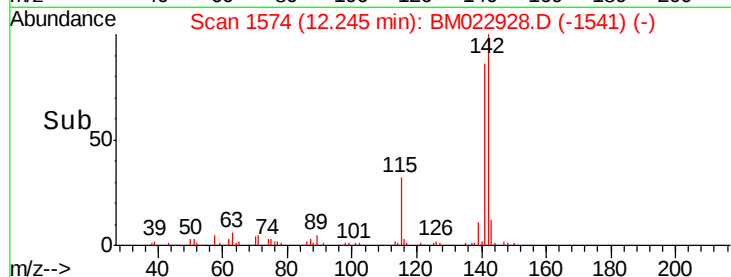
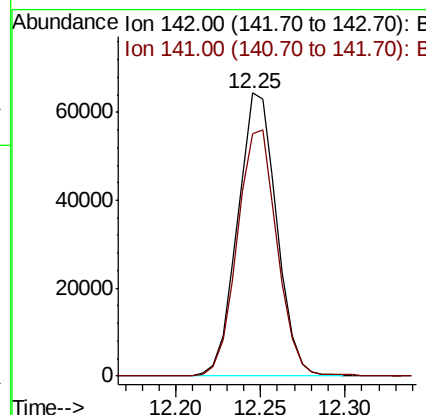
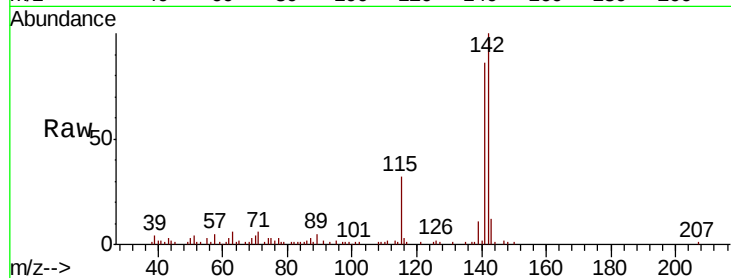




#34
 2-Methylnaphthalene
 Concen: 2.236 ng/ul
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

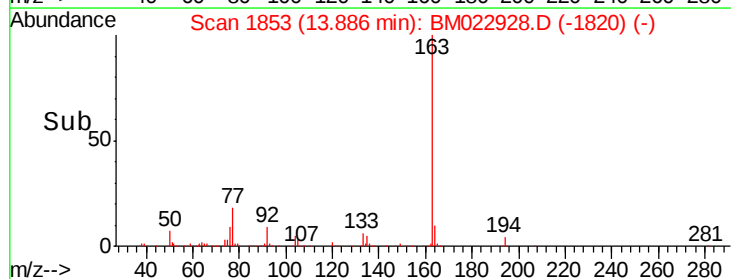
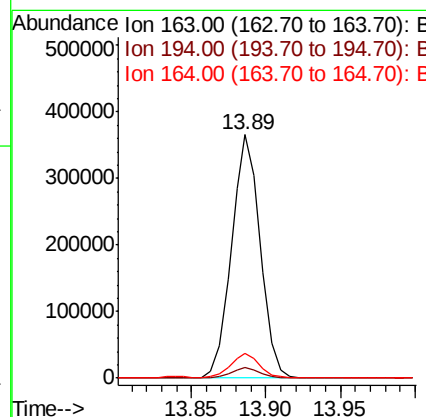
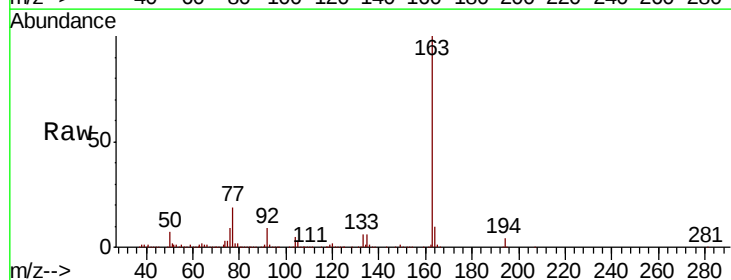
Instrument :
 BNA_M
 ClientSampleId :
 BFDK7

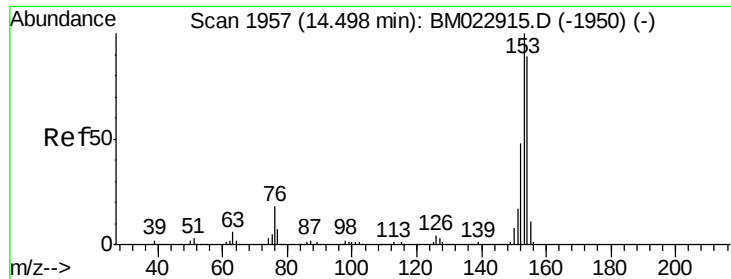
Tot Ion:142 Resp: 103411
 Ion Ratio Lower Upper
 142 100
 141 85.7 71.2 106.8



#45
 Dimethylphthalate
 Concen: 8.601 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BM022928.D
 Acq: 03 Oct 2019 19:49

Tgt Ion:163 Resp: 491251
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 10.1 8.1 12.1





#50

Acenaphthene

Concen: 1.600 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BFDK7

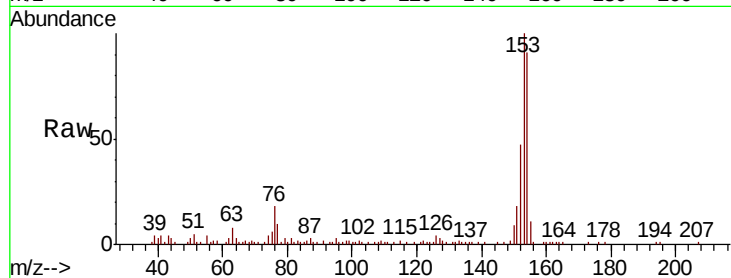
Tot Ion:153 Resp: 77260

Ion Ratio Lower Upper

153 100

152 46.9 38.1 57.1

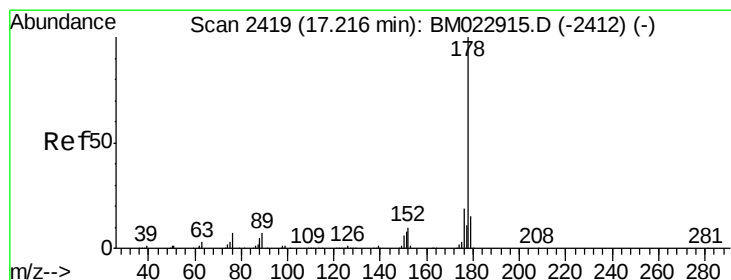
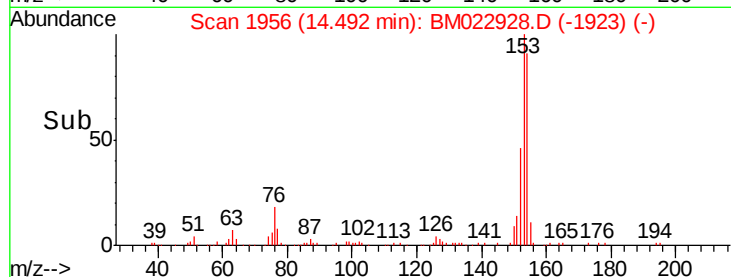
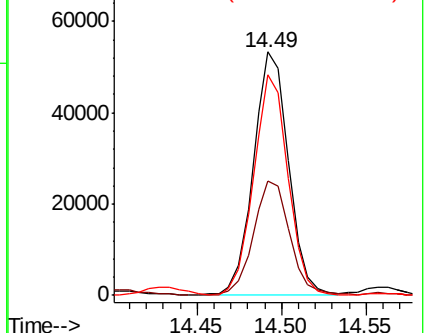
154 90.8 71.1 106.7



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: 1.230 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM022928.D

Acq: 03 Oct 2019 19:49

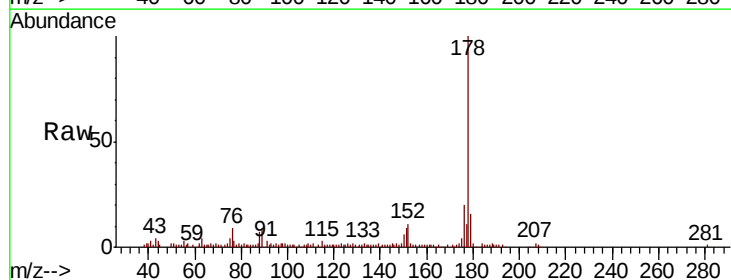
Tgt Ion:178 Resp: 100306

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 19.8 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

