

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021121\
 Data File : BM028719.D
 Acq On : 11 Feb 2021 21:01
 Operator : CG/JU
 Sample : M1375-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 11 23:47:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 11 16:46:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	27532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	107863	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.54	164	59476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.27	188	118306	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	117873	20.00	ng/ul	0.00
86) Perylene-d12	23.66	264	114457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	983	1.50	ng/uL	0.01
5) Phenol-d5	7.06	99	18412	7.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	39562	26.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	50700	24.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	31796	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	27494	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	30526	30.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	50598	27.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	60353	28.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.95	166	151921	32.17	ng/ul	0.00
47) Acenaphthylene-d8	14.23	160	194113	32.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	6002	6.78	ng/ul	0.00
58) Fluorene-d10	15.53	176	128859	31.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	22003	27.03	ng/ul	0.00
71) Anthracene-d10	17.37	188	204709	33.61	ng/ul	0.00
79) Pyrene-d10	19.65	212	225088	32.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.51	264	230958	35.56	ng/ul	0.00

Target Compounds

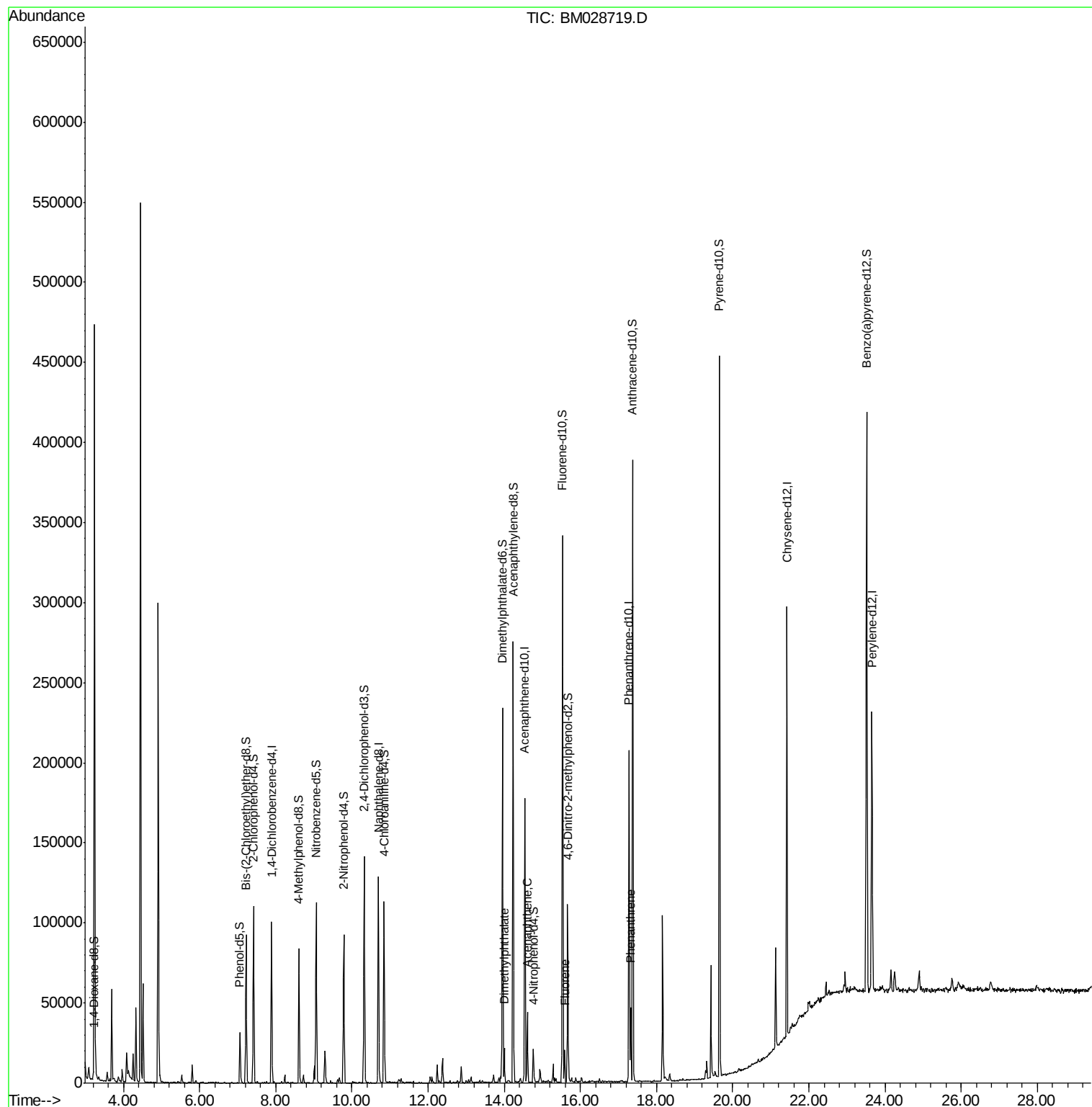
					Ovalue
45) Dimethylphthalate	14.00	163	13639	2.849 ng/ul	99
50) Acenaphthene	14.60	153	17299	4.032 ng/ul	98
59) Fluorene	15.59	166	8701	1.837 ng/ul	92
70) Phenanthrene	17.32	178	27434	3.756 ng/ul	98

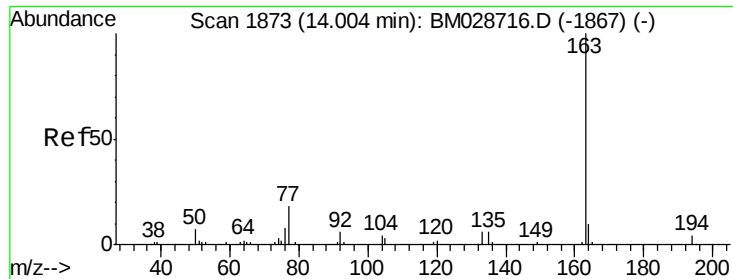
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.849 ng/ul

RT: 14.00 min Scan# 1872

Delta R.T. -0.01 min

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Acq: 11 Feb 2021 21:01

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ClientSampleId :

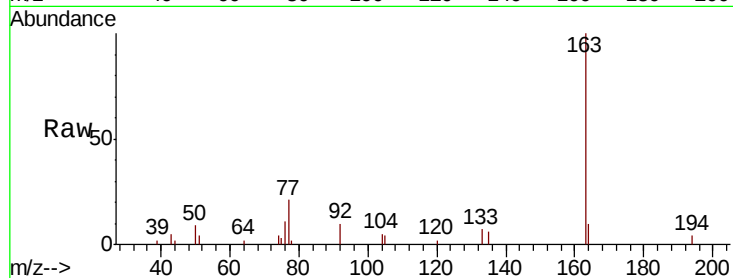
Tot Ion:163 Resp: 13639

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

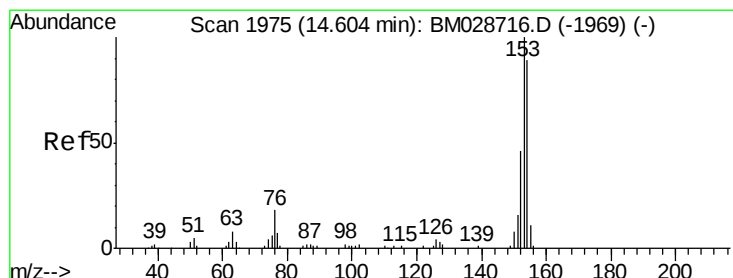
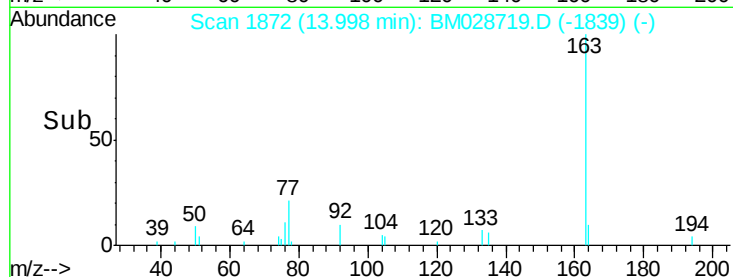
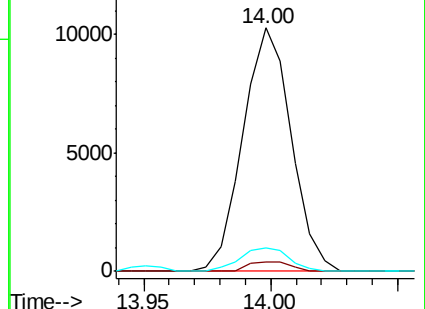
164 9.7 8.2 12.2



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: 4.032 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

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Acq: 11 Feb 2021 21:01

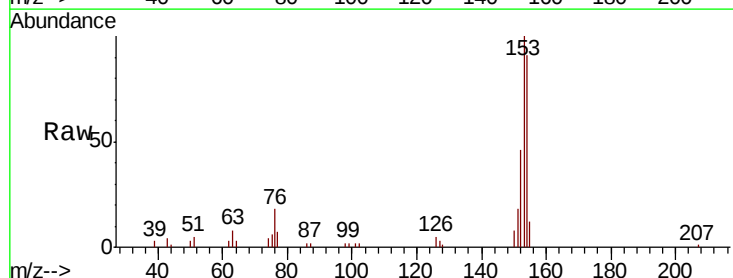
Tgt Ion:153 Resp: 17299

Ion Ratio Lower Upper

153 100

152 45.5 37.0 55.6

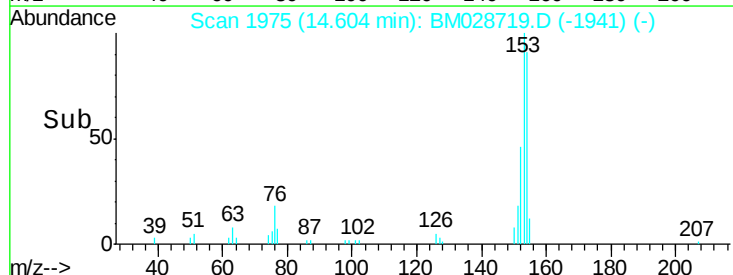
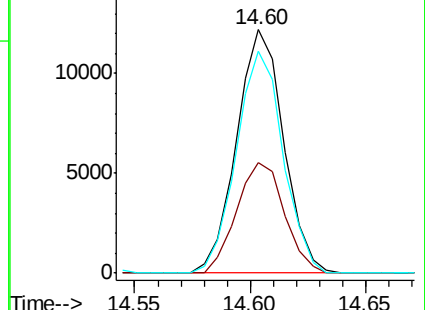
154 90.9 70.4 105.6

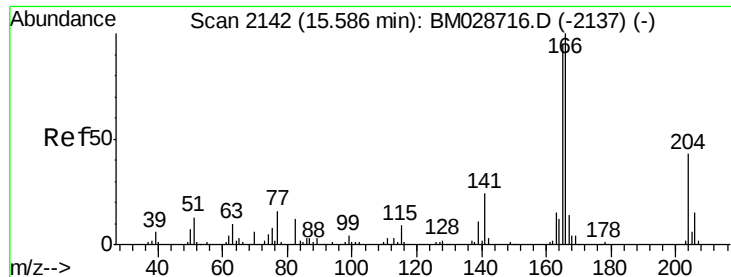


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.837 ng/ul

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BM028719.D

Acq: 11 Feb 2021 21:01

Instrument :

BNA_M

ClientSampleId :

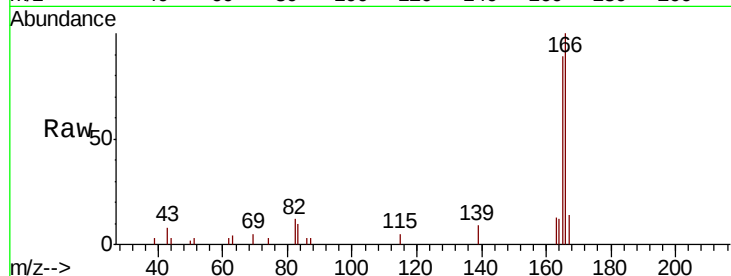
Tot Ion:166 Resp: 8701

Ion Ratio Lower Upper

166 100

165 88.7 78.0 117.0

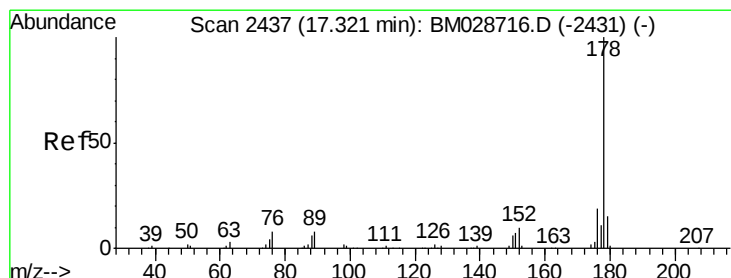
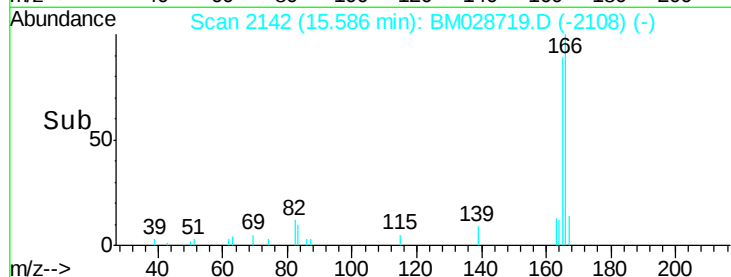
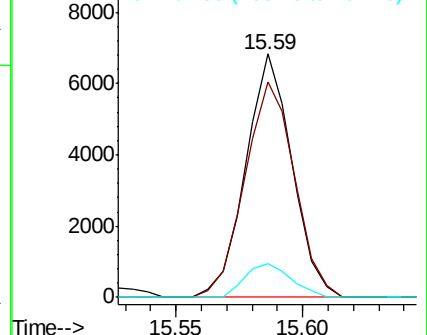
167 14.0 11.0 16.4



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



#70

Phenanthrene

Concen: 3.756 ng/ul

RT: 17.32 min Scan# 2436

Delta R.T. -0.01 min

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Acq: 11 Feb 2021 21:01

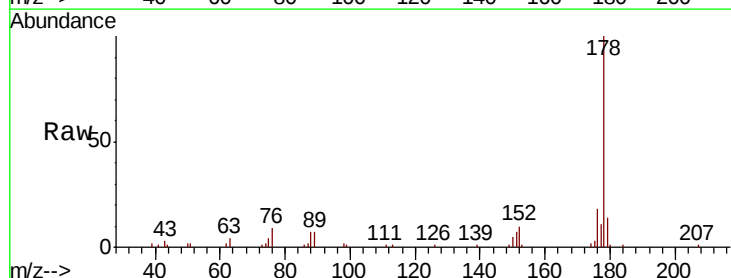
Tgt Ion:178 Resp: 27434

Ion Ratio Lower Upper

178 100

179 14.4 12.3 18.5

176 17.6 14.6 22.0



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

