

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022353.D
 Acq On : 27 Aug 2019 05:50
 Operator : HP/JU
 Sample : K4395-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:30 AM

Quant Time: Aug 27 16:45:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 12:44:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	39494	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	178362	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	125718	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	289883	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	259385	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	233998	20.00	ng/ul	-0.01

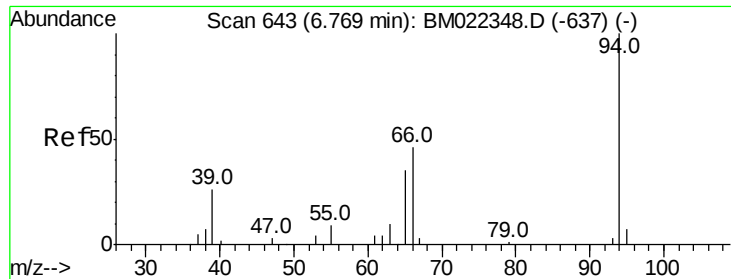
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3726	4.22	ng/uL	0.00
5) Phenol-d5	6.75	99	25868	7.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	57995	29.25	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	71880	26.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	49855	16.88	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	43077	32.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	53020	34.25	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	98037	31.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	12903m	3.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	359083	32.43	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	390087	32.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	9369	5.71	ng/ul	0.04
57) Fluorene-d10	15.20	176	309358	33.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	54675	24.44	ng/ul	0.00
70) Anthracene-d10	17.06	188	515373	33.57	ng/ul	-0.01
78) Pyrene-d10	19.37	212	643613	47.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	452128	35.17	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.77	94	8112	2.223	ng/ul 100
44) Dimethylphthalate	13.67	163	46518	4.129	ng/ul 99
49) Acenaphthene	14.26	153	46043	5.245	ng/ul 99
71) Anthracene	17.10	178	27857	1.544	ng/ul 97

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



#6

Phenol

Concen: 2.223 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. -0.00 min

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Instrument :

BNA_M

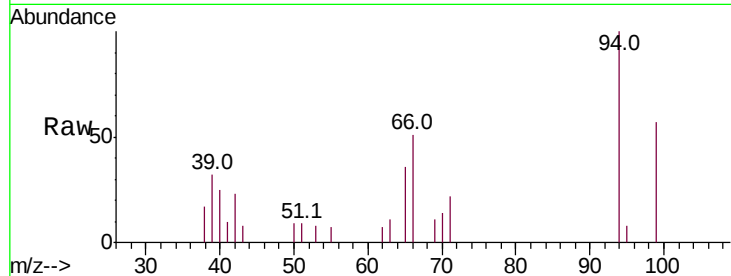
ClientSampled :

C0AF0

Tot Ion:	94	Resp:	8112
Ion Ratio	Lower	Upper	
94	100		
65	36.1	29.2	43.8
66	50.9	40.6	60.8

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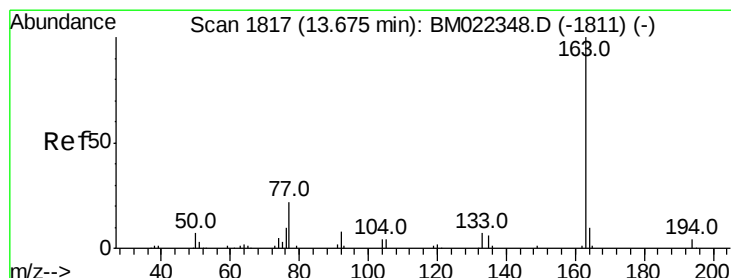
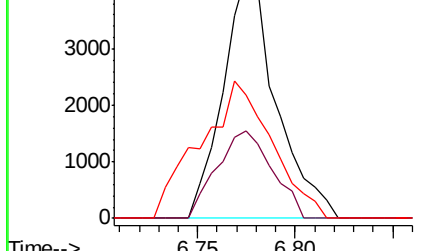
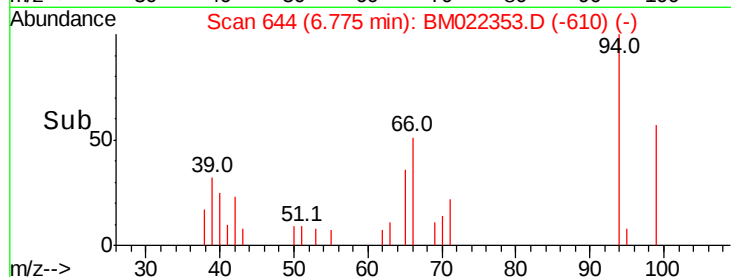


Abundance Ion 94.00 (93.70 to 94.70): BM022348.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM022348.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM022348.D (-637) (-)

Time-->



#44

Dimethylphthalate

Concen: 4.129 ng/ul

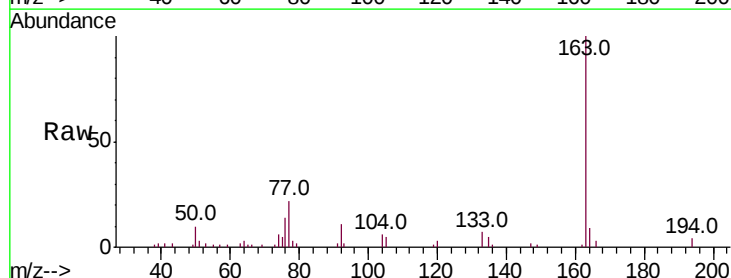
RT: 13.67 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM022353.D

Acq: 27 Aug 2019 05:50

Tgt Ion:	163	Resp:	46518
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.1	7.8	11.8

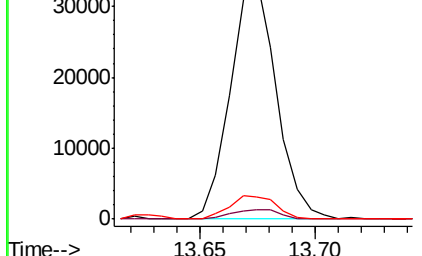
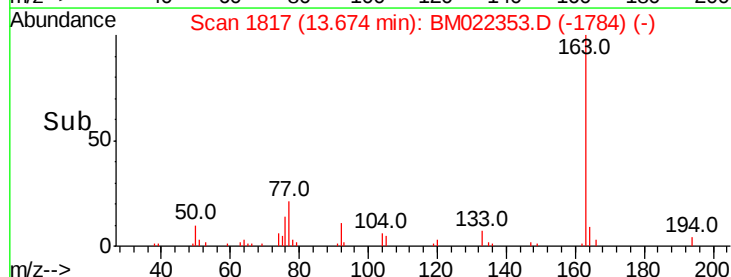


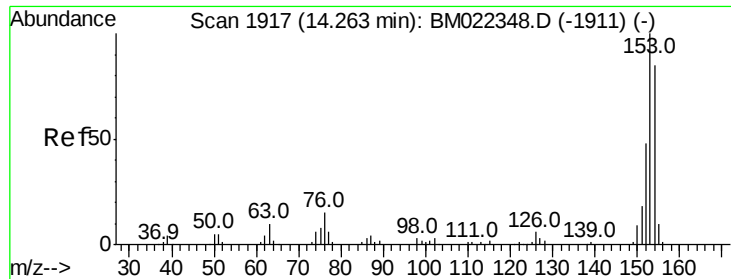
Abundance Ion 163.00 (162.70 to 163.70): BM022348.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM022348.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM022348.D (-1811) (-)

Time-->





#49

Acenaphthene

Concen: 5.245 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022353.D

Acq: 27 Aug 2019 05:50

Instrument :

BNA_M

ClientSampleId :

C0AF0

Tot Ion:153 Resp: 46043

Ion Ratio Lower Upper

153 100

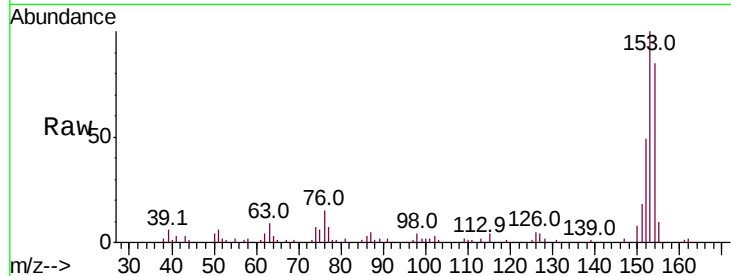
152 48.9 38.6 58.0

154 84.9 68.9 103.3

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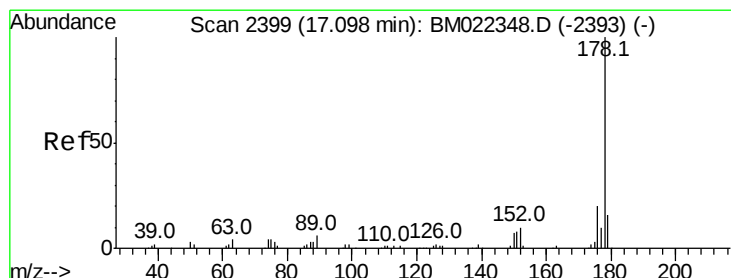
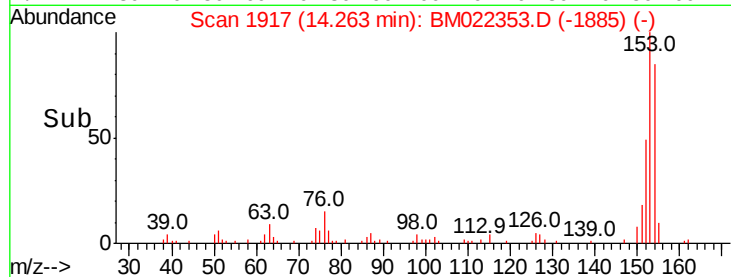
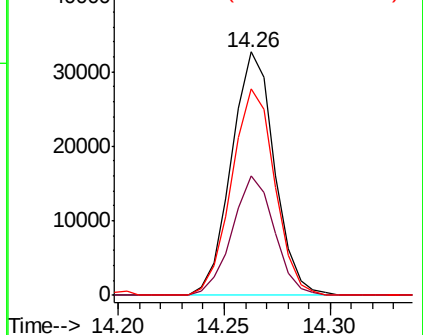
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#71

Anthracene

Concen: 1.544 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM022353.D

Acq: 27 Aug 2019 05:50

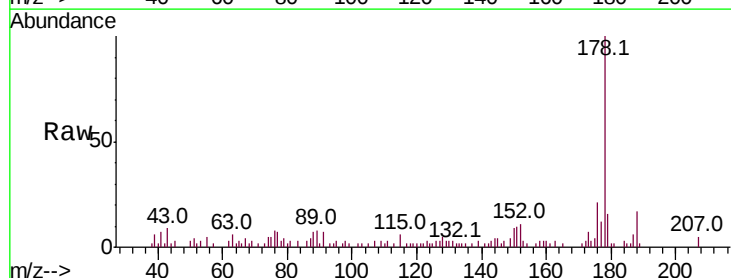
Tgt Ion:178 Resp: 27857

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

176 20.8 15.5 23.3



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

