

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027473.D
 Acq On : 18 Sep 2020 22:02
 Operator : JU/CG
 Sample : L4046-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0P6

Quant Time: Sep 19 00:31:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 00:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	98555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	362350	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	271207	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	666106	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	728121	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	755107	20.00	ng/ul	0.00

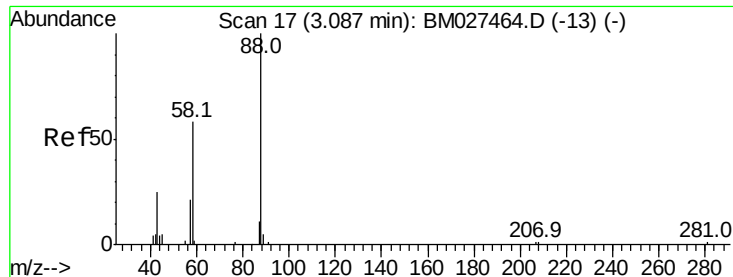
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	24417	11.02	ng/uL	0.00
5) Phenol-d5	6.69	99	70992	8.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	168243	31.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	169688	28.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	116299	17.55	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	97915	35.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	114049	38.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	234150	36.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	29779	3.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	915636	42.43	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1081103	44.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	25784	6.79	ng/ul	0.01
58) Fluorene-d10	15.14	176	834577	43.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	153232	35.94	ng/ul	0.00
71) Anthracene-d10	16.99	188	1460877	46.38	ng/ul	0.00
79) Pyrene-d10	19.30	212	1702916	52.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1854039	45.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	10883	4.105	ng/uL 93
6) Phenol	6.72	94	13956	1.616	ng/ul 94
8) Bis(2-Chloroethyl)ether	6.93	93	8604	1.241	ng/ul 90
17) Hexachloroethane	8.60	117	4218	1.366	ng/ul# 2
28) Naphthalene	10.31	128	39932	2.074	ng/ul 99
45) Dimethylphthalate	13.61	163	37119	1.632	ng/ul 98

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



#2

1,4-Dioxane

Concen: 4.105 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. -0.00 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

Instrument :

BNA_M

ClientSampled :

BG0P6

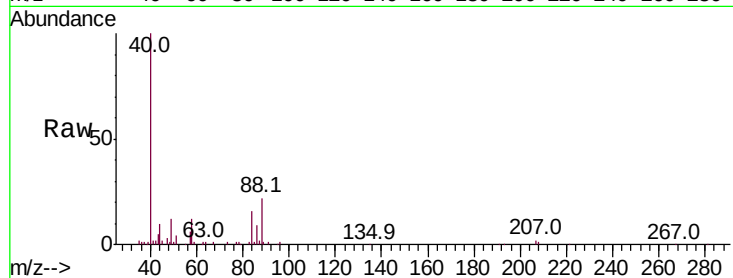
Tot Ion: 88 Resp: 10883

Ion Ratio Lower Upper

88 100

43 22.8 21.7 32.5

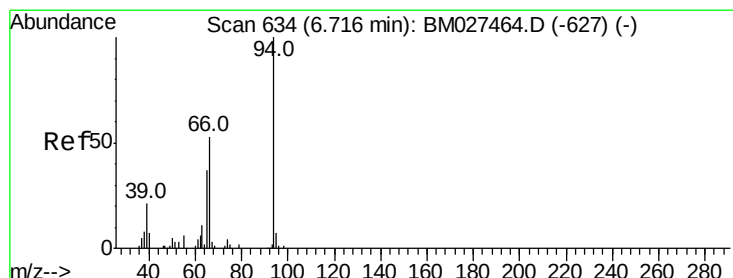
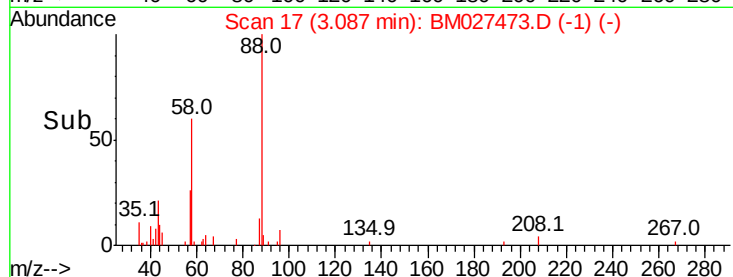
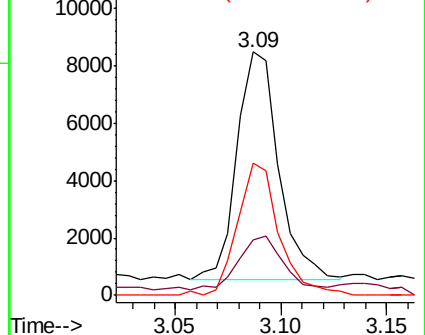
58 54.5 47.4 71.0



Abundance Ion 88.00 (87.70 to 88.70): BM027464.D (-13) (-)

Ion 43.00 (42.70 to 43.70): BM027464.D (-13) (-)

Ion 58.00 (57.70 to 58.70): BM027464.D (-13) (-)



#6

Phenol

Concen: 1.616 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

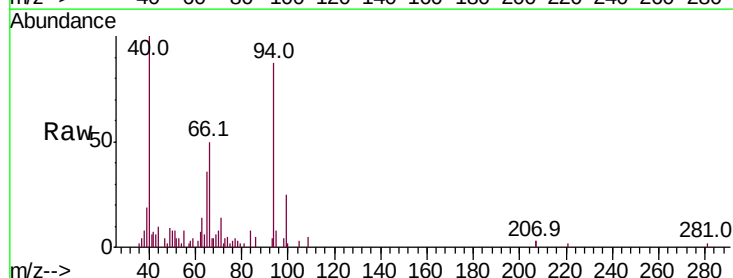
Tgt Ion: 94 Resp: 13956

Ion Ratio Lower Upper

94 100

65 41.6 30.2 45.4

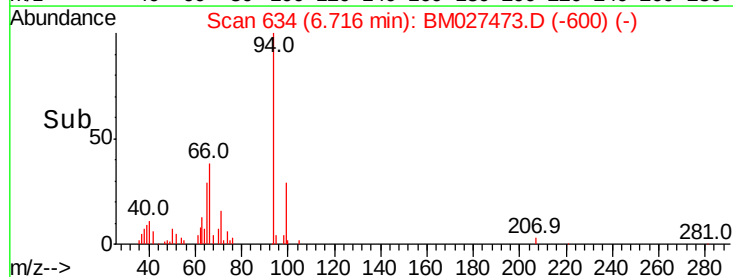
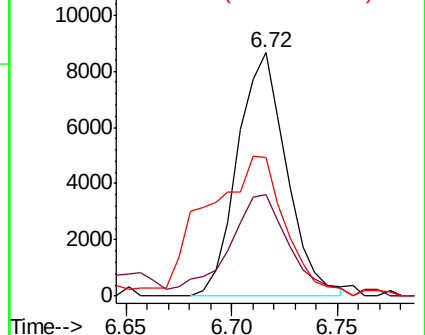
66 57.1 42.4 63.6

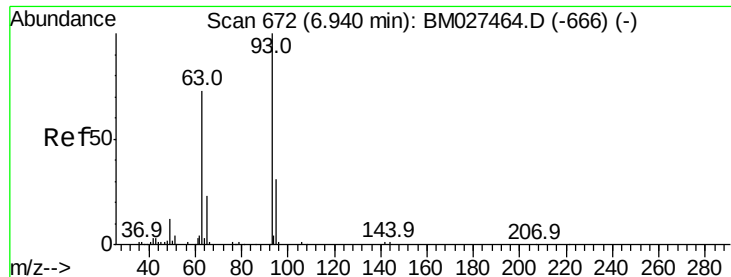


Abundance Ion 94.00 (93.70 to 94.70): BM027464.D (-627) (-)

Ion 65.00 (64.70 to 65.70): BM027464.D (-627) (-)

Ion 66.00 (65.70 to 66.70): BM027464.D (-627) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 1.241 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

Instrument :

BNA_M

ClientSampleId :

BG0P6

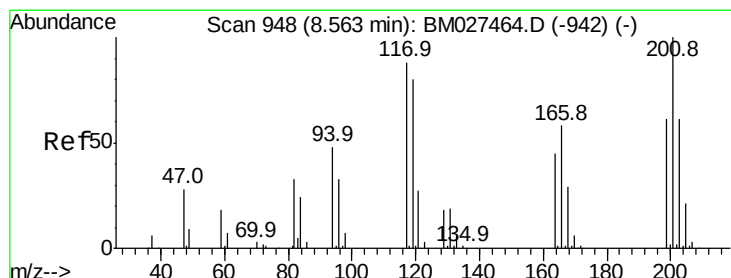
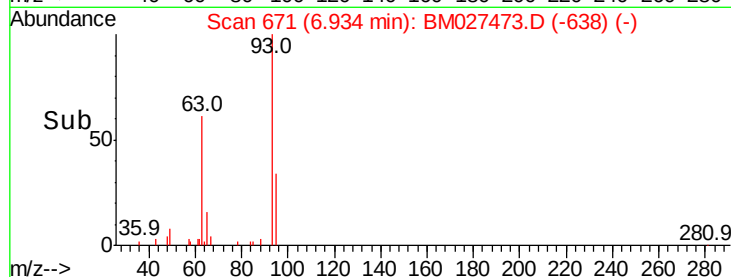
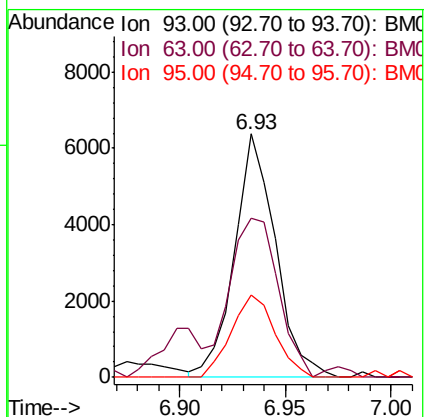
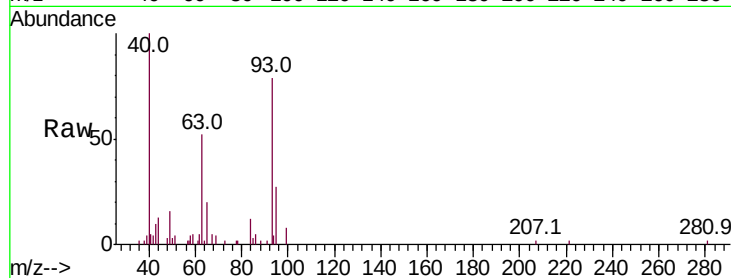
Tot Ion: 93 Resp: 8604

Ion Ratio Lower Upper

93 100

63 65.6 60.6 90.8

95 33.7 25.0 37.4



#17

Hexachloroethane

Concen: 1.366 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. 0.04 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

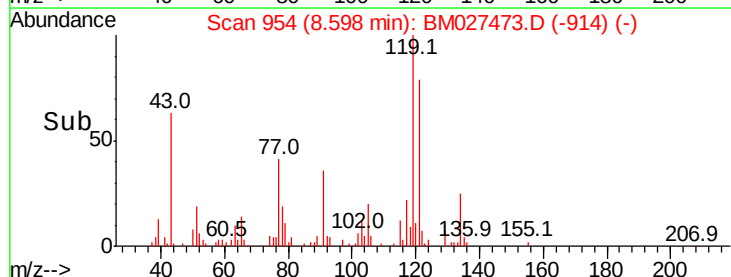
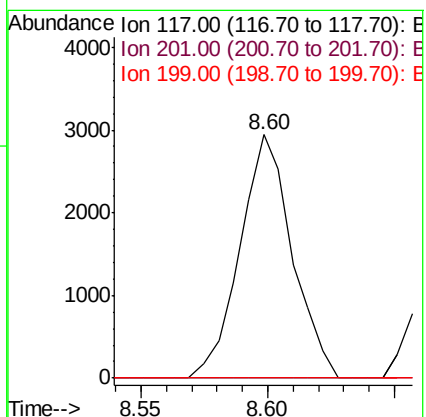
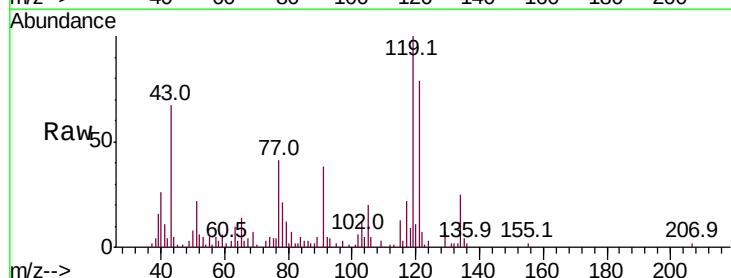
Tgt Ion: 117 Resp: 4218

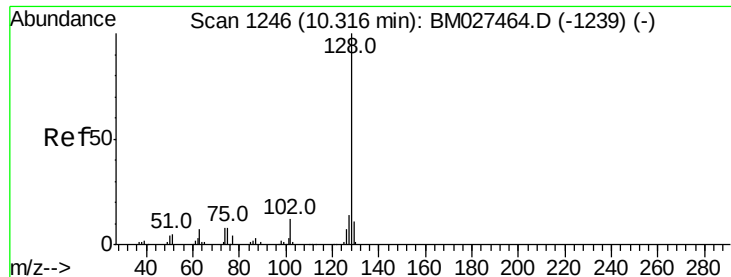
Ion Ratio Lower Upper

117 100

201 0.0 90.6 135.8#

199 0.0 56.3 84.5#





#28

Naphthalene

Concen: 2.074 ng/ul

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

Instrument :

BNA_M

ClientSampleId :

BG0P6

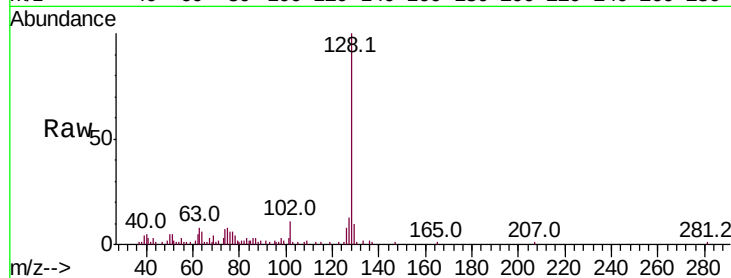
Tot Ion:128 Resp: 39932

Ion Ratio Lower Upper

128 100

129 9.8 8.4 12.6

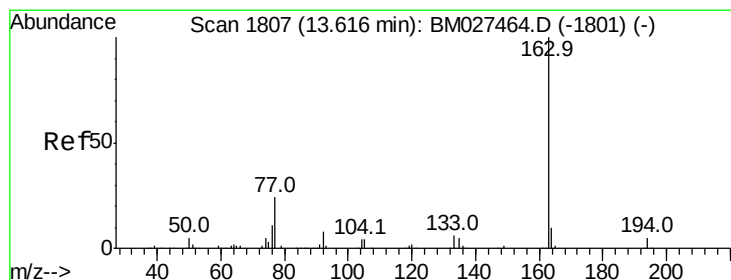
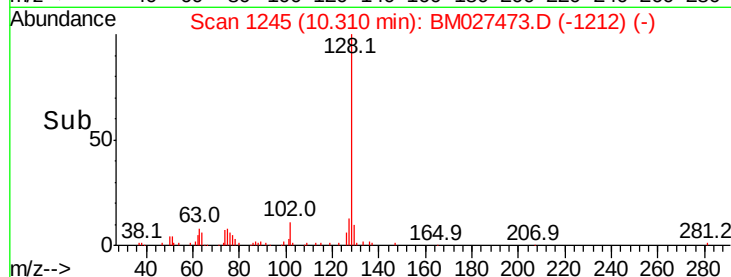
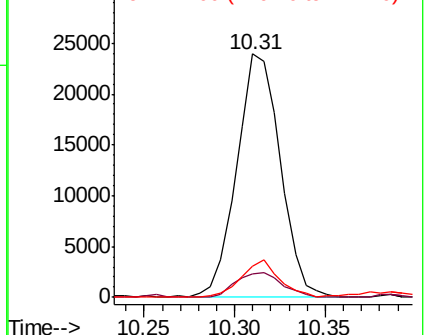
127 12.6 10.3 15.5



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



#45

Dimethylphthalate

Concen: 1.632 ng/ul

RT: 13.61 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BM027473.D

Acq: 18 Sep 2020 22:02

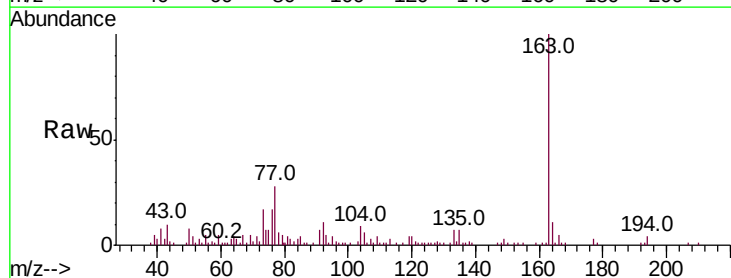
Tgt Ion:163 Resp: 37119

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.8 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

